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Water Resources Data Mississippi Water Year 2004

Water-Data Report MS-04-1

U.S. Department of the Interior
U.S. Geological Survey

CALENDAR FOR WATER YEAR 2004

2003

OCTOBER

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2004

JANUARY

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AUGUST

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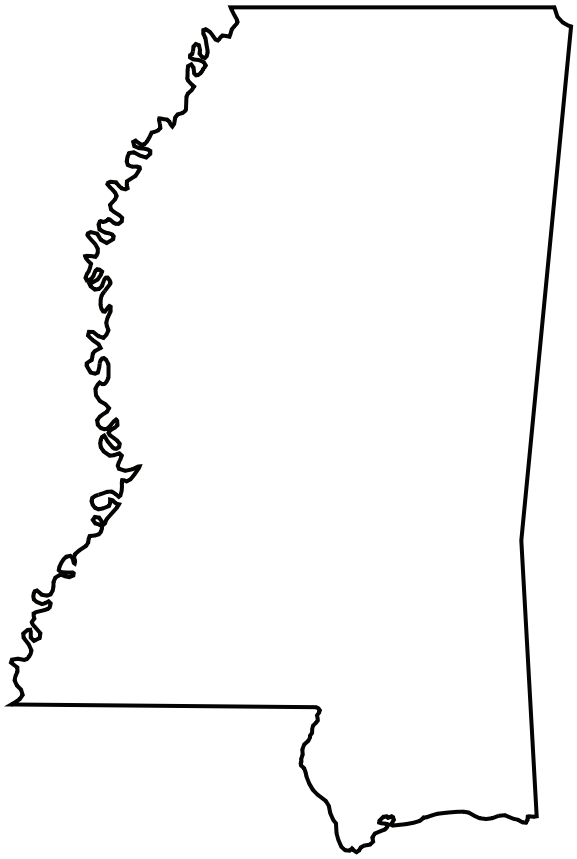
Water Resources Data Mississippi Water Year 2004

By Fred Morris III, Michael S. Runner, John B. Storm

Water-Data Report MS-04-1



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U.S. Department of the Interior
U.S. Geological Survey

U.S. Department of the Interior
Gale A. Norton, Secretary

U.S. Geological Survey
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2005

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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 U.S. Geological Survey policy and established guidelines. The following individuals contributed significantly to the collection, processing, and tabulation of the data:

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13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 2004 water year for Mississippi consist of records of surface water and ground water in the State. Specifically, it contains: (1) Discharge records for 90 streamflow-gaging stations, stage records for 18 of these gaging stations, discharge records for 97 partial-record stations or miscellaneous streamflow sites, including 6 flood hydrograph partial-record stations, 91 crest-stage partial-record stations, and 0 special study and miscellaneous sites; (2) stage only at 1 gaging station; (3) water-quality records for 12 streamflow-gaging stations, 0 stage-only stations, 13 water-quality monitor stations, 0 partial-record stations or miscellaneous sites, 0 short-term study sites, and 26 wells; and (4) water-level records for 19 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, in cooperation with State, county, municipal, and other 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.

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ILLUSTRATIONS

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, BY WHICH RECORDS ARE PUBLISHED

[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,(h) pH, (o) dissolved-oxygen, (k) specific conductance, (n) turbidity (f) field values; temperature, pH dissolved-oxygen, specific conductance]

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, BY WHICH RECORDS ARE PUBLISHED--Continued

GROUND-WATER STATIONS FOR WHICH RECORDS ARE PUBLISHED

GROUND-WATER LEVELS

QUALITY OF GROUND-WATER

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			
Big Brown Cr near Booneville, MS (d)	02429900*	27.1	1973-03
Little Brown Cr near New Site, MS (d)	02429949	42.2	1973-89
Pollard Mill Branch at Paden, MS (d)	02429980*	2.01	1973-03
Mackeys Cr near Dennis, MS (d)	02430000	66.9	1938-80
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
Mackeys Cr near Moores Mill, MS (d)	02430100	118.0	1983-95
Tombigbee R near Marietta, MS (d)	02430500	308.0	1937-50, 1968-00
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 at Eason Boulvard at Tupelo, MS (d,e)	02435020*	233	1970-03
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
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
Sucarnoochee R near Porterville, MS (d)	02467200*	135.0	1997-03
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 at Shubuta, MS (e)	02477350	1458.0	1972-97
Chickasawhay R near Waynesboro, MS (d,e)	02477500	1650.0	1939-97
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 near Lyman, MS (d)	02481500	253.0	1945-48
JOURDAN RIVER BASIN			
Catahoula Cr near Santa Rosa, MS (d)	02481570	155.0	1962-66
PEARL RIVER BASIN			
Lobutcha Cr near Carthage, MS (d)	02482500	309.0	1937-60
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
Copiah Cr near Hazelhurst, MS (d)	02487900*	47.4	1965-68
Pearl R at Rockport, MS (d)	02488000*	4556.0	1985-03
Bahala Cr near Oma, MS (d)	02488100	150.0	1966-68
Holiday Cr at Goss, MS (d)	02488850	75.8	1965-68
Lower Little Cr near Baxterville, MS (d)	02489240	81.5	1961-70
East Pearl R at CSX Railroad near Claiborne, MS (d)	301141089320300	8674.0	2001-02

Discontinued surface-water discharge or stage-only stations--continued

Station name	Station number	Drainage area (mi^2)	Period of record
THE RIGOLETS			
The Rigolets at CSX Railroad near Rigolets, LA (d)	300910089374820	intermediate	2000-02
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
Hotopha Cr near Batesville, MS (d)	07273100*	35.1	1986-01
Little Tallahatchie R at Batesville, MS (d)	07273500	1750.0	1907-13
Town Cr at Water Valley, MS (d)	07274251*	3.97	1985-01
Otoucalofa Cr Canal near Water Valley, MS (d)	07274252*	97.1	1985-01
Yocona R at Enid Dam, MS (d)	07275000	560.0	1928-80
Peters (Long) Cr near Pope, MS (d)	07275530*	79.2	1987-01
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
Senatobia Cr near Senatobia, MS (d)	07277730*	62.8	1986-01
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
Batupan Bogue at Grenada, MS (d)	07285400	240.0	1985-97
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
Fannegusha Cr near Howard, MS (d)	07287355	107.0	1987-96, 1999-00
Harland Cr near Howard, MS (d)	07287404*	62.1	1987-97, 1999-00
Black Cr at Howard, MS (d)	07287405*	178.0	1999-01
Big Sunflower R at Clarksdale, MS (d)	07288000	108.0	1937-42
BIG BLACK RIVER BASIN			
Big Black R at Goodman, MS (d)	07289460*	1338.0	2001-03
Big Black R at Pickens, MS (d)	07289500	1493.0	1936-71
BAYOU PIERRE BASIN			
Bayou Pierre near Carpenter, MS (d)	07290500	371.0	1945-51
MISSISSIPPI RIVER MAIN STEM			
Mississippi R at Natchez, MS (d)	07290880	1145400.0	1949-78
HOMOCHITTO RIVER BASIN			
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	t	1973-79
			n	1975-79
			k,h,o	1976-79
			s	1978-80
Mackeys Creek below Bay Springs Lock & Dam, MS	02430012	68.2	k,h,t,n,o,s	1980-83
Mackeys Creek near Moores Mill, MS	02430100	118	k,h,t,o	1984
Town Creek at Eason Boulevard at Tupelo, MS	02435020	233	k,t,o	1983
Tulip Creek near Plantersville, MS	02435420	--	k,t	1983
Town Creek near Union, MS	02435515	289	k,t,o	1983
Coonewah Creek near Verona, MS	02435775	51.2	k,t,o	1983
Coonewah Creek near Shannon, MS	02435830	--	k,t,o	1983
Tombigbee River at Columbus, MS	02441500	4463	k	1973
PASCAGOULA RIVER BASIN				
Okatoma Creek at Saratoga, MS	02472580	88.2	k	1970-71
Leaf River at Hattiesburg, MS	02473000	1748	k,t	1965
Leaf River near Palmer, MS	02473260	1809	t	1971
			k	1973-74
Leaf River near Mahned, MS	02473360	1889	k,t	1970
Chickasawhay River at Enterprise, MS	02477000	918	k	1971-73
Chickasawhay River near Waynesboro, MS	02477500	1650	k,t	1964
Pascagoula River at Merrill, MS	02479000	6,590	t	1970-72
			k	1975
Pascagoula River near Benndale, MS	02479020	6,680	k	1980-81
			t	1958-60, 80-81
Cypress Creek near Janice, MS	02479155	52.6	k,h,t	1986
Red Creek near Carnes, MS	024791834	--	k,t	1985-86
BILOXI BAY				
Back Bay of Biloxi at Ocean Springs, MS	02481300	--	k,t	1999-2000
WOLF RIVER BASIN				
Wolf River near Landon, MS	02481510	308	t	1979-81
			k	1981
JOURDAN RIVER BASIN				
Jourdan River near Bay St. Louis, MS	02481660	210	t	1999-2001
ST LOUIS BAY				
Bayou Portage Channel Light 1	301954089181700	--	k,t	2000-01
Bay-Waveland Yacht Club at St. Louis Bay, MS	301932089193120	--	k,t	2001-04
			o	2004
PEARL RIVER BASIN				
Pearl River near Carthage, MS	02482550	1346	k	1970
Tuscolameta Creek at Walnut Grove, MS	02483000	411	k	1965, 1968
Yockanookany River near Ofahoma, MS	02484500	469	k	1970
Pearl River at Ratliff's Ferry near Ratliff, MS	02484650	2638	t	1998-2000
Pearl River at Meeks Bridge near Canton, MS	02485000	2780	t	1998, 2000
Pearl River at Byram, MS	02486500	3385	k,h,t,o	1971
Clear Creek near Sandy Hook, MS	02489270	--	k,t	1985
West Bogue Chitto near Zetus, MS	02490246	--	k,t	1984
USCG Pearl River Light 23A	301140089351800	--	k,t	2001
East Pearl River at CSX Railroad near Claiborne, MS	301141089320300	8674	k,t	2002
THE RIGOLETS				
The Rigolets at CSX RR near Rigolets, LA	300910089374820	--	k,t	2001-03

Discontinued continuous-record surface-water-quality stations--Continued

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
TENNESSEE RIVER BASIN				
Yellow Creek near Doskie, MS	03592800	143	k,t	1973-78
			n,o	1976-78
			h	1977-78
Tenn-Tom Waterway at Cross Roads, MS	03592824	--	k,t,n	1980-85
			s	1981-85
			h	1983-85
			o	1984-85
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
			s	1986-97
Otoucalofa Creek Canal near Water Valley, MS	07274252	97.1	k,t,o	1985-87
			h	1986-88
			s	1985-97
Peters (Long) Creek near Pope, MS	07275530	79.2	k,h,t,o	1987
			s	1987-97
Hickahala Creek near Senatobia, MS	07277700 *	121	k,h,t,o	1986-89
			s	1986-2003
Senatobia Creek near Senatobia, MS	07277730	62.8	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
Yalobusha River at Vardaman, MS	07281960 *	86.3	s	2000-03
Yalobusha River at Derma, MS	07281977 *	160	s	1998-2003
			t,n	2003-04
Yalobusha River at Calhoun City, MS	07281999	194	s	1997-98
Yalobusha R and Topashaw C Canal at Calhoun City, MS	07282000	295	s	1997-98
Topashaw Creek Canal near Hohenlinden, MS	07282075 *	42.1	s	2000-03
Topashaw Creek Canal near Derma, MS	07282090 *	63.0	s	1998-2003
Bear Creek Canal near Derma, MS	07282097 *	20.5	s	1999-2003
Topashaw Creek Canal near Calhoun City, MS	07282100	101	s	1997-98
Skuna River at Bruce, MS	07283000	254	t	1996-98
Batupan Bogue at Grenada, MS	07285400	240	k,h,t,o	1985-87
			s	1985-97
Yazoo River near Shell Bluff, MS	07287120	7,650	t	1977-81
			k	1978-81
Abiaca Creek near Seven Pines, MS	07287150 *	95.2	s	1992-2003
Abiaca Creek at Cruger, MS	07287160 *	95.7	s	1992-2003
Fannegusha Creek near Howard, MS	07287355	107	s	1987-89, 2000
Harland Creek near Howard, MS	07287404	62.1	k,h,t,o	1987
			s	1987-2000
			n	1997-99
Black Creek at Howard, MS	07287405	178	s	2000
Bogue Phalia near Leland, MS	07288650 *	484	k,t	1996-98
Yazoo River at Redwood, MS	07288800	12,603	k,t	1979-81
Yazoo River below Steele Bayou near Long Lake, MS	07288955 *	13,355	k,t	1996-98
MISSISSIPPI RIVER MAIN STEM				
Mississippi River at Vicksburg, MS	07289000	1,144,500	k,t	1989-94
BIG BLACK RIVER BASIN				
Big Black River near Bovina, MS	07290000	2,812	k,t	1978-81
BAYOU PIERRE BASIN				
Bayou Pierre near Willows, MS	07290650	654	t	1962
HOMOCHITTO RIVER BASIN				
Shaws Creek near Redstar, MS	07291230	--	k,t	1984
Homochitto River at Rosetta, MS	07292500	787	k,t	1980-81

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INTRODUCTION

The Water Resources Discipline (WRD) of the U.S. Geological Survey (USGS), in cooperation with State, county, municipal, and other Federal 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 U.S. Geological Survey, the data are published annually in this report series entitled "Water Resources Data - Mississippi."

Water resources data for this water year for Mississippi consists of records of surface water and ground water in the State. Specifically, it contains: (1) Discharge records for 90 streamflow-gaging stations, stage records for 18 of these gaging stations, discharge records for 97 partial-record stations or miscellaneous streamflow sites, including 6 flood hydrograph partial-record stations, 91 crest-stage partial-record stations and 0 special study and miscellaneous sites; (2) stage only at 1 gaging station; (3) water-quality records for 12 streamflow-gaging stations, 0 stage-only stations, 13 water-quality monitor stations, 0 partial-record stations or miscellaneous sites, 0 short-term study sites, and 26 wells; and (4) water-level records for 19 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 U.S. Geological Survey Information Service Center, Box 25286, Denver, CO 80225.

Publications similar to this report are published annually by the U.S. Geological Survey for all States. These official USGS 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, "U.S. Geological Survey Water-Data Report MS-75-1." 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 USGS are:

Mississippi Department of Environmental Quality, Charles H. Chisolm, Executive Director.
Office of Land and Water Resources, Sam Mabry, Director.
Office of Pollution Control, Phil Bass, Director.
Mississippi Department of Marine Resources, William W. Walker, Executive Director.
Mississippi Department of Transportation, Larry L. Brown, Executive Director.
Pat Harrison Waterway District, Chris Bowen, 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, Elmer Williams, President.
Harrison County Development Commission, Bill Helsel, Executive Director.
Jackson County Port Authority, Mark M^{c}Andrews, Port Director.
City of Jackson, Harvey Johnson, Jr., Mayor.

Assistance with funds or services was provided by the U. S. Army Corps of Engineers in collecting records for 36 streamflow-gaging stations, 1 stage-only gaging station, 4 crest-stage gages, and 8 surface-water quality sites published in this report.

Organizations that provided data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Surface Water

Streamflow

Annual mean streamflow was normal in most streams in Mississippi during the 2004 water year. Comparisons of monthly mean and annual mean discharges in the 2004 water year with median values for the period 1971-2000 were made for three representative gaging stations: Tombigbee River at Stennis 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 the Pascagoula River at Merill and Tombigbee River at Stennis Lock and Dam near Columbus were below normal range (±25 percent of the median for the reference period 1971-2000) during the months of January and April. The Big Black River near Bovina was below the normal range for the month of April as well. The monthly mean discharges at all three gaging stations were above normal (±25 percent of the median from the reference period 1971-2000) during the months of February, June, and July. The monthly mean discharges at the Tombigbee River at Stennis Lock and Dam near Columbus were also above normal in November and September. The monthly mean discharges at the Big Black River near Bovina was also above normal for the month of September. The following three paragraphs discuss flow for the water year for these three representative gaging stations in Mississippi.

Runoff of the Tombigbee River at Stennis Lock and Dam near Columbus was 23.87 inches for the water year, or 110 percent of the median annual runoff of 21.75 inches for the reference period 1971-2000. Dischage was above normal in November, February, June, July and September, when the monthly mean discharges were 209, 200, 382, 371 and 218 of the percent of the median monthly discharges for the reference period, respectively. Discharge was below normal in January and April, when the monthly mean discharges were 73 and 41 percent of the median monthly discharges for the reference period, respectively. Monthly mean discharges for other months were within the normal range.

Runoff of the Pascagoula River at Merrill was 20.48 inches for the water year, or 96 percent of the median annual runoff for the reference period (21.21 inches). Discharges were above normal in February, June and July, when the monthly mean discharges were 214, 214 and 372 percent of the monthly median discharge for the reference period, respectively. Discharge was below normal in January and April, when the monthly mean discharges were 60 and 29 percent of the median monthly discharge for the reference period, respectively. Monthly mean discharges for other months were within the normal range.

Runoff of the Big Black River near Bovina was 20.57 inches for the water year, or 103 percent of the median annual runoff for the reference period (19.88 inches). Monthly mean discharges were above normal in February, June, July and September, when the monthly mean discharges were 180, 372, 800, and 182 percent of the monthly median discharge for the reference period, respectively. Discharge was below normal in April, when the monthly mean discharge was 25 percent of the median monthly discharge for the reference period. Monthly mean discharges for the other months were within the normal range.

Water Quality

The surface-water quality of most of Mississippi's approximately 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.

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-oxygen concentrations and values of pH during water year 2004 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 2004

	Minimum	Median	Maximum
Dissolved-oxygen concentration, in milligrams per liter	2.1	7.4	10.5
pH, in standard units	6.4	7.0	7.2

Ground Water

Ground-Water Levels

Ground-water levels in most artesian aquifers in Mississippi continued long-term declines in the latter part of the 2004 water year following seasonal water-level recoveries during the early part of the next year. Fluctuations of ground-water levels in a confined aquifer in a representative observation well is shown in the hydrograph in figure 1.

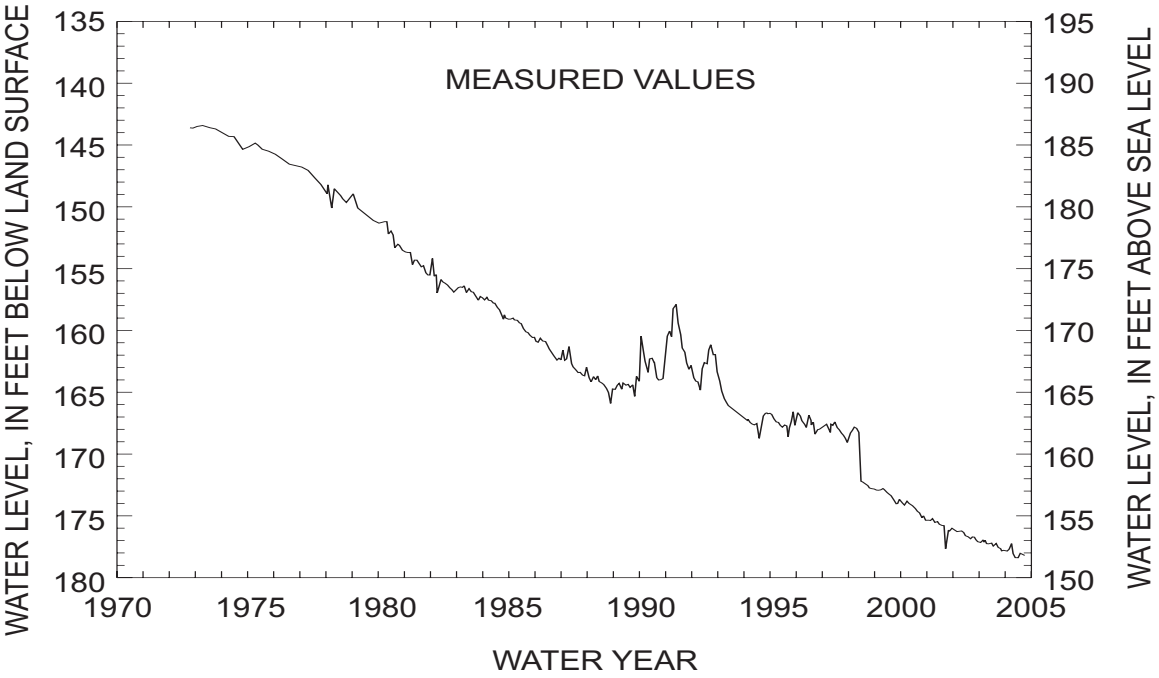


Figure 1.--Hydrograph of well in the Cockfield aquifer in the Jackson metropolitan area.

Ground-water withdrawals are concentrated in the urbanized and industrialized areas of Mississippi and in the Mississippi River Alluvial Plain in northwestern Mississippi where large withdrawals are made for crop irrigation and catfish production. 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 central Mississippi, the Cockfield and Sparta aquifers are two of the major aquifers in the State. Water levels in the Cockfield Formation declined slightly at selected sites, while levels in a few wells near pumping centers declined 1 to 4 feet. Some wells screened in the Sparta Sand indicated declines of 2 to 6 feet.

DOWNSTREAM ORDER AND STATION NUMBER

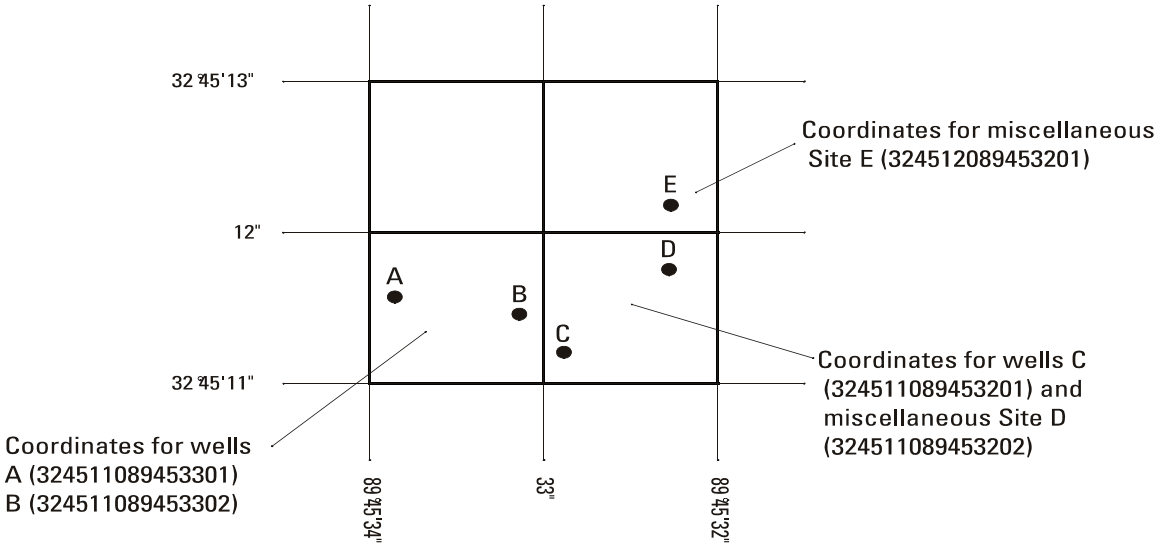
Since October 1, 1950, hydrologic-station records in USGS reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing

stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indention in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each continuous surface-water station, partial-record (surface-water and water-quality) station, water-quality site, and spring stations where discharge measurements are routine, has been assigned a station number. Downstream order numbers also may be assigned to spring, outfall, and surface-water diversion sites where water-use data are collected. These station numbers are in the same downstream order used in this report. In assigning a station number, no distinction is made between types of stations; therefore, the station number for a partial-record station indicates downstream-order position in a list composed of all types of stations. Gaps are consecutive. The complete 8 to 14-digit number for each station such as 02429900, which appears just to the left of the station name, includes a 2-digit part number "02" plus the 6 to 12-digit downstream order number "429900." The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in part "02" (South Atlantic slope and eastern Gulf of Mexico basins), part "03" (Ohio River basin), and part "07" (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. The stations are numbered in downstream order as described above between stations of consecutive 8 to 14-digit numbers.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. This system includes: ground-water sites, water-quality grab sample sites, precipitation sites, miscellaneous surface-water sites, sites within large open-water areas (lakes, reservoirs, bays), sites where there is difficulty in assigning a meaningful downstream order number, or sites where data are obtained intermittently. The system provides a unique number for each site. Although the number is formed initially from the latitude and longitude of a point believed to represent the location of the site, it is an *identifier* and not a *locator.* It cannot be too strongly emphasized that the number, once assigned, is used as a pure number and *has no locational significance* beyond representing the best location available at the time the number was assigned. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for sites within a 1-second grid. In the event that the latitude-longitude coordinates for multiple sites are the same, a sequential number such as "01," "02," and so forth, would be assigned (see fig. 2)



SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 61 sites in small drainage basins in 39 States that was established in 1963 to provide consistent streamflow data representative of undeveloped watersheds nationwide, and from which data could be analyzed on a continuing basis for use in comparison and contrast with conditions observed in basins more obviously affected by human activities. At selected sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program may be accessed from *http://water.usgs.gov/hbn/*.

National Stream-Quality Accounting Network (NASQAN) is a network of sites used to monitor the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande River basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of 5 stations could be implemented on the Yukon River. 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 (NAWQA) Program; (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. Additional information about the NASQAN Program may be accessed from *http://water.usgs.gov/nasqan/*.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) is a network of monitoring sites that provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead Federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from this network of 250 precipitation-chemistry monitoring sites. The USGS supports 74 of these 250 sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as data from the individual sites, may be accessed from *http://bqs.usgs.gov/acidrain/*.

The USGS National Water-Quality Assessment (NAWQA) Program 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; to provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and to provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 42 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 is 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 water-resources managers to use in making decisions 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 may be accessed from *http://water.usgs.gov/nawqa/*.

The USGS National Streamflow Information Program (NSIP) is a long-term program with goals to provide framework streamflow data across the Nation. Included in the program are creation of a permanent Federally funded streamflow network, research on the nature of streamflow, regional assessments of streamflow data and databases, and upgrades in the streamflow information delivery systems. Additional information about NSIP may be accessed from *http://water.usgs.gov/nsip/*.

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations (figures 4 and 5) consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, land-line or cellular-phone modems, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the Techniques of Water-Resources Investigations of the United States Geological Survey (TWRIs), Book 3, Chapters 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).

For stream-gaging stations, discharge-rating tables for any stage are prepared from stage-discharge curves. If extensions to the rating curves are necessary to express discharge greater than measured, the extensions are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, or computation of flow over dams and weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily values. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features of the stream channel, the daily mean discharge is computed by the shifting-control method in which correction factors based on individual discharge measurements and notes by engineers and observers are used when applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the controlling section, the daily mean discharge is computed by the shifting-control method.

The stage-discharge relation at some stream-gaging stations is affected by backwater from reservoirs, tributary streams, or other sources. Such an occurrence 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 at some distance from the base gage.

An index velocity is measured using ultrasonic or acoustic instruments at some stream-gaging stations and this index velocity is used to calculate an average velocity for the flow in the stream. This average velocity along with a stage-area relation is then used to calculate average discharge.

At some stations, 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 stream-gaging stations in the northern United States, the stage-discharge relation is affected by ice in the winter; therefore, computation of the discharge in the usual manner is impossible. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter-discharge measurements. Consideration is given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge from other stations in the same or nearby basins.

For a lake or reservoir station, capacity tables giving the volume or contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly changes are computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some stream-gaging stations, periods of time occur when no gage-height record is obtained or the recorded gage height is faulty and cannot be used to compute daily discharge or contents. Such a situation can happen when the recorder stops or otherwise fails to operate properly, the intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records from other stations in the same or nearby basins. Likewise, lake or

reservoir volumes may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of four parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; and (4) 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.

Station Manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments follow that clarify information presented under the various headings of the station description.

LOCATION.—Location information is obtained from the most accurate maps available. The location of the gaging station 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 term indicates the time period for which records have been published 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 its flow reasonably can be considered equivalent to flow at the present station.

REVISED RECORDS.—If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, 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 will be identified by date in this paragraph of the station description for water-discharge stations and flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented 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, the outlet works and spillway, and the purpose and use of the reservoir.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents 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 USGS.

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 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.—Records are revised if errors in published records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based National data system, NWISWeb (*http://water.usgs.gov/nwis/*

nwis). Users are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent data updates. Updates to NWISWeb are made on an annual basis.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because no current or, possibly, future station manuscript would be published for these stations 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 District Office (address given on the back of the title page of this report) to determine if the published records were revised after the station was discontinued. If, however, the data for a discontinued station were obtained by computer retrieval, the data would be current. Any published revision of data is always accompanied by revision of the corresponding data in computer storage.

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

Peak Discharge Greater than Base Discharge

Tables of peak discharge above base discharge are included for some stations where secondary instantaneous peak discharge data are used in flood-frequency studies of highway and bridge design, flood-control structures, and other flood-related projects. The base discharge value is selected so an average of three peaks a year will be reported. This base discharge value has a recurrence interval of approximately 1.1 years or a 91-percent chance of exceedence in any 1 year.

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives 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 arithmetic average flow in cubic feet per second for the month; and the lines headed MAX and MIN give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month is 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). Values for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if extensive regulation or diversion is in effect or if the drainage area includes large noncontributing areas. At some stations, monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir volumes are given. These values are identified by a symbol and a corresponding footnote.

Statistics of Monthly Mean Data

A tabular summary of the mean (line headed MEAN), maximum (MAX), and minimum (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 values. 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. The designated period will consist of all of the station record within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are 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 records within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are 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 the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

The following summary statistics data are provided with each continuous record of discharge. Comments that 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.

ANNUAL MEAN.—The arithmetic mean for the individual daily mean discharges for the year noted or for the designated period.

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 of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.

MAXIMUM PEAK FLOW.—The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, 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 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) indicate 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 tables. The first table lists stage and discharge data for selected events at flood-hydrograph stations, and the second table lists annual maximum stage and discharge at crest-stage stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a 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. This identification is shown either by flagging individual daily values with the letter "e" and noting in a table footnote, "e–Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The degree of accuracy of the records is stated in the REMARKS in the station description. "Excellent" indicates that about 95 percent of the daily discharges are within 5 percent of the true value; "good" within 10 percent; and "fair," within 15 percent. "Poor" indicates that daily discharges have less than "fair" accuracy. Different accuracies may be attributed to different parts of a given record.

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft^3/s; to the nearest tenths between 1.0 and 10 ft^3/s; to whole numbers between 10 and 1,000 ft^3/s; and to 3 significant figures above 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 discharge values listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, values of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Records Available

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

Information on the availability of unpublished data or statistical analyses may be obtained from the District office (see address that is shown on the back of the title page of this report).

EXPLANATION OF PRECIPITATION RECORDS

Data Collection and Computation

Rainfall data generally are collected using electronic data loggers that measure the rainfall in 0.01-inch increments every 15 minutes using either a tipping-bucket rain gage or a collection well gage. Twenty-four hour rainfall totals are tabulated and presented. A 24-hour period extends from just past midnight of the previous day to midnight of the current day. Snowfall-affected data can result during cold weather when snow fills the rain-gage funnel and then melts as temperatures rise. Snowfall-affected data are subject to errors. Missing values are indicated by this symbol "---" in the table.

Data Presentation

Precipitation records collected at surface-water gaging stations are identified with the same station number and name as the stream-gaging station. Where a surface-water daily-record station is not available, the precipitation record is published with its own name and 15-digit identification number.

Information pertinent to the history of a precipitation station is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, period of record, and general remarks.

The following information is provided with each precipitation station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

INSTRUMENTATION.—Information on the type of rainfall collection system is given.

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

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analysis usually are collected at or near stream-gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, water temperature, sediment discharge, and so forth); extremes for the current year; and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, sampling date, or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from *http://water.usgs.gov/pubs/twri/*.

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 at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum and minimum values (and sometimes mean or median values) for each constituent measured, and are based on 15-minute or 1-hour intervals of recorded data beginning at 0000 hours and ending at 2400 hours for the day of record.

SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data are useful in the interpretation of surface-water quality. Records of surface-water quality in this report 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 *continuous-record station* is a site where data are collected on a regularly scheduled basis. Frequency may be one 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 continuous- or partial-record station, where 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 *continuous records* as used in this report and *continuous recordings* that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as specific conductance and temperature, 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.

Accuracy of the Records

One of four accuracy classifications is applied for measured physical properties at continuous-record stations on a scale ranging from poor to excellent. The accuracy rating is based on data values recorded before any shifts or corrections are made. Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Rating classifications for continuous water-quality records

[≤, less than or equal to; ± plus or minus value shown: °C, degree Celsius; >, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical property	Rating			
	Excellent	Good	Fair	Poor
Turbidity	≤±5%	>±5 to 10%	>±10 to 15%	>±15%
Dissolved oxygen	≤±0.3 mg/L	>±0.3 to 0.5 mg/L	>±0.5 to 0.8 mg/L	>±0.8 mg/L
pH	≤±0.2 unit	>±0.2 to 0.5 unit	>± 0.5 to 0.8 unit	>±0.8 unit
Specific conductance	≤±3%	>±3 to 10%	>±10 to 15%	>±15%
Water temperature	≤±0.2 °C	>±0.2 to 0.5 °C	>±0.5 to 0.8 °C	>±0.8 °C

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 for miscellaneous sampling sites 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 is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as dissolved oxygen, pH, and water temperature, must be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must 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 on-site measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from *http://water.usgs.gov/pubs/twri* . Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS District office (see address that is shown on the back of title page in this report).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small 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. Water temperatures measured at the time of water-discharge measurements are on file in the District office.

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 section.

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

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observation, 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

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. Sediment samples are analyzed in the U.S. Geological Survey laboratory in Baton Rouge, Louisiana. All other samples are analyzed in the USGS laboratories in Lakewood, Colorado; Ocala, Florida; or Lawerence, Kansas. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRIs, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. The TWRI publications may be accessed from *http://water.usgs.gov/pubs/twri/*. 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 turbidity, dissolved oxygen, pH, specific conductance, water temperature, and suspended sediment then 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 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 information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

DRAINAGE AREA.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—This indicates the time periods for which published water-quality records for the station are available. 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 USGS by a cooperating organization are identified here.

EXTREMES.—Maximums and minimums are given only for parameters measured daily or more frequently. For parameters measured weekly or less frequently, true maximums or minimums may not have been obtained. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.—Records are revised if errors in published water-quality records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based National data system, NWISWeb (*http://waterdata.usgs.gov/nwis*). Users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent updates. Updates to the NWISWeb are made on an annual basis.

The surface-water-quality records for partial-record stations and miscellaneous sampling 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.

Fixed Value Parameter Codes

Numerical codes have been assigned for agencies collecting (00027) and/or analyzing (00028) 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	55555	Individual
		66666	Driller
810	Corps of Engineers, U.S. Army	80020	USGS, National Water-Quality Laboratory, Denver, Colorado
1028	U.S. Geological Survey (USGS)		
1053	National Park Service	81213	USGS, District Water-Quality Laboratory, Ocala, Florida
3315	Tennessee Valley Authority		
9728	Mississippi Department of Health	82013	USGS, District Research Water-Quality Laboratory, Lawrence, Kansas
28001	Mississippi Office of Pollution Control		
28002	Mississippi Office of Geology	82213	USGS, District Water-Quality Laboratory, Baton Rouge, Louisiana
28003	Mississippi Office of Land and Water Resources		
		99999	Other

Numerical codes have been assigned to describe the source of the sample, conditions under which it was collected, sampling method, well

purging conditions, sampler type, and weather. 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 (72005)

1 Well head
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
46 Public water supplies (untreated)
74 Lysimeter
80 After pressure tank

Sampling Condition (72006)

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

Sampling Method (82398)

4040 Submersible pump
4045 Submersible multiple impeller (Turbine) pump
4090 Jet pump
4100 Flowing well
8010 Other

Well Purging Condition (84143)

100 Purged to stable pH
110 Purged to stable temperature
120 Purged to stable specific conductance
160 Purged to stable ph, temp. and specific cond.
170 Purged at least three well volumes

Sampler Type (84164)

4010 Thief sampler
4040 Submersible positive-pressure pump
4041 Submersible helical-rotor pump
4045 Submersible gear pump
4090 Jet pump
4095 Line-shaft turbine pump
4100 Flowing well
8000 None
8010 Other

Weather (00041)

0 Cloudiness
1 Partly cloudy
2 Cloudy
62 Slight rain, continuous

Water-Quality Control Data

The USGS National Water Quality Laboratory collects quality-control data on a continuing basis to evaluate selected analytical methods to determine long-term method detection levels (LT-MDLs) and laboratory reporting levels (LRLs). These values are re-evaluated each year on the basis of the most recent quality-control data and, consequently, may change from year to year.

This reporting procedure limits the occurrence of false positive error. Falsely reporting a concentration greater than the LT-MDL for a sample in which the analyte is not present is 1 percent or less. Application of the LRL limits the occurrence of false negative error. The chance of falsely reporting a non-detection for a sample in which the analyte is present at a concentration equal to or greater than the LRL is 1 percent or less.

Accordingly, concentrations are reported as less than LRL for samples in which the analyte was either not detected or did not pass identification. Analytes detected at concentrations between the LT-MDL and the LRL and that pass identification criteria are estimated. Estimated concentrations will be noted with a remark code of “E.” These data should be used with the understanding that their uncertainty is greater than that of data reported without the E remark code.

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated with the sample data are unknown. The various types of QC samples collected by this District office are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples. These data are not presented in this report but are available from the District office.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected in this district are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank—A blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank—A blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank—A blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank—A blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank—A blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory. The reference material composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. Many types of replicate samples are possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Concurrent samples—A type of replicate sample in which the samples are collected simultaneously with two or more samplers or by using one sampler and alternating the collection of samples into two or more compositing containers.

Sequential samples—A type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample—A type of replicate sample in which a sample is split into subsamples, each subsample contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

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

Site Identification Numbers

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is produced for local needs (See NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES in this report for a detailed explanation).

Data Collection and Computation

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

Most methods for collecting and analyzing water samples are described in the TWRIs referred to in the On-site Measurements and Sample Collection and the Laboratory Measurements sections in this report. In addition, TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1 through A9. The values in this report represent water-quality conditions at the time of sampling, as much as possible, and that are consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. Trained personnel collected all samples. The wells sampled were pumped long enough to ensure 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.

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 above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (EOM).

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

Data Presentation

Water-level data are presented in alphabetical order by county. The primary identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary identification number is the local or county well number. Well locations are shown in figure 6*;* each well is identified on the map by its local well or county well number.

Each well record consists of three parts: the well description and the data table of water levels observed during the water year, and, for some wells, a hydrograph following the data table. Well descriptions are presented in the headings preceding the tabular data.

The following comments clarify information presented in these various headings.

LOCATION.—This paragraph follows the well-identification number and reports the hydrologic-unit number and a geographic point of reference. Latitudes and longitudes used in this report are reported as North American Datum of 1927 unless otherwise specified.

AQUIFER.—This entry designates by name and geologic age the aquifer that the well taps.

WELL CHARACTERISTICS.—This entry describes the well in terms of depth, casing diameter and depth or screened interval, method of construction, use, and 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 continuous, monthly, or some other frequency of measurement.

DATUM.—This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above the altitude datum; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so forth), 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 National Geodetic Vertical Datum of 1929 (NGVD 29); 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, when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

PERIOD OF RECORD.—This entry indicates the time period for which records are published for the well, the month and year at the start of publication of water-level records by the USGS, and the words “to current year” if the records are to be continued into the following year. Time periods for which water-level records are available, but are not published by the USGS, may be noted.

EXTREMES FOR PERIOD OF RECORD.—This entry contains the highest and lowest instantaneously recorded or measured water levels of the period of published record, with respect to land-surface datum or sea level, and the dates of occurrence.

Water-Level Tables

A table of water levels follows the well description for each well. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (lsd). Missing records are indicated by dashes in place of the water-level value.

For wells not equipped with recorders, water-level measurements were obtained periodically by steel or electric tape. Tables of periodic water-level measurements in these wells show the date of measurement and the measured water-level value.

Hydrographs

Hydrographs are a graphic display of water-level fluctuations over a period of time. In this report, current water year and, when appropriate, period-of-record hydrographs are shown. Hydrographs that display periodic water-level measurements show points that may be connected with a dashed line from one measurement to the next. Hydrographs that display recorder data show a solid line representing the mean water level recorded for each day. Missing data are indicated by a blank space or break in a hydrograph. Missing data may occur as a result of recorder malfunctions, battery failures, or mechanical problems related to the response of the recorder’s float mechanism to water-level fluctuations in a well.

GROUND-WATER-QUALITY DATA

Data Collection and Computation

The ground-water-quality data in this report were obtained as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some wells within a county but not for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide.

Most methods for collecting and analyzing water samples are described in the TWRIs. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI, Book 1, Chapter D2; Book 5, Chapters A1, A3, and A4; Book 9, Chapters A1-A6. Also, detailed information on collecting, treating, and shipping samples may be obtained from the USGS District office (see address shown on back of title page in this report).

Laboratory Measurements

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance, and dissolved oxygen are performed on site. All other sample analyses are performed at the USGS laboratories in Lakewood, Colorado; Ocala, Florida; or Lawrence, Kansas. Methods used by the USGS laboratory are given in TWRI, Book 1, Chapter D2 and Book 5, Chapters A1, A3, and A4.

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). These data may be accessed from *http://water.usgs.gov*.

Water-quality data and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on various media. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each Water Discipline District Office (See address that is shown on the back of the title page of this report.)

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, may be accessed from *http://water.usgs.gov/ADR_Defs_2004.pdf*. Terms such as algae, water level, and precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also the table for converting English units to International System (SI) units. Other glossaries that also define water-related terms are accessible from *http://water.usgs.gov/glossaries.html*.

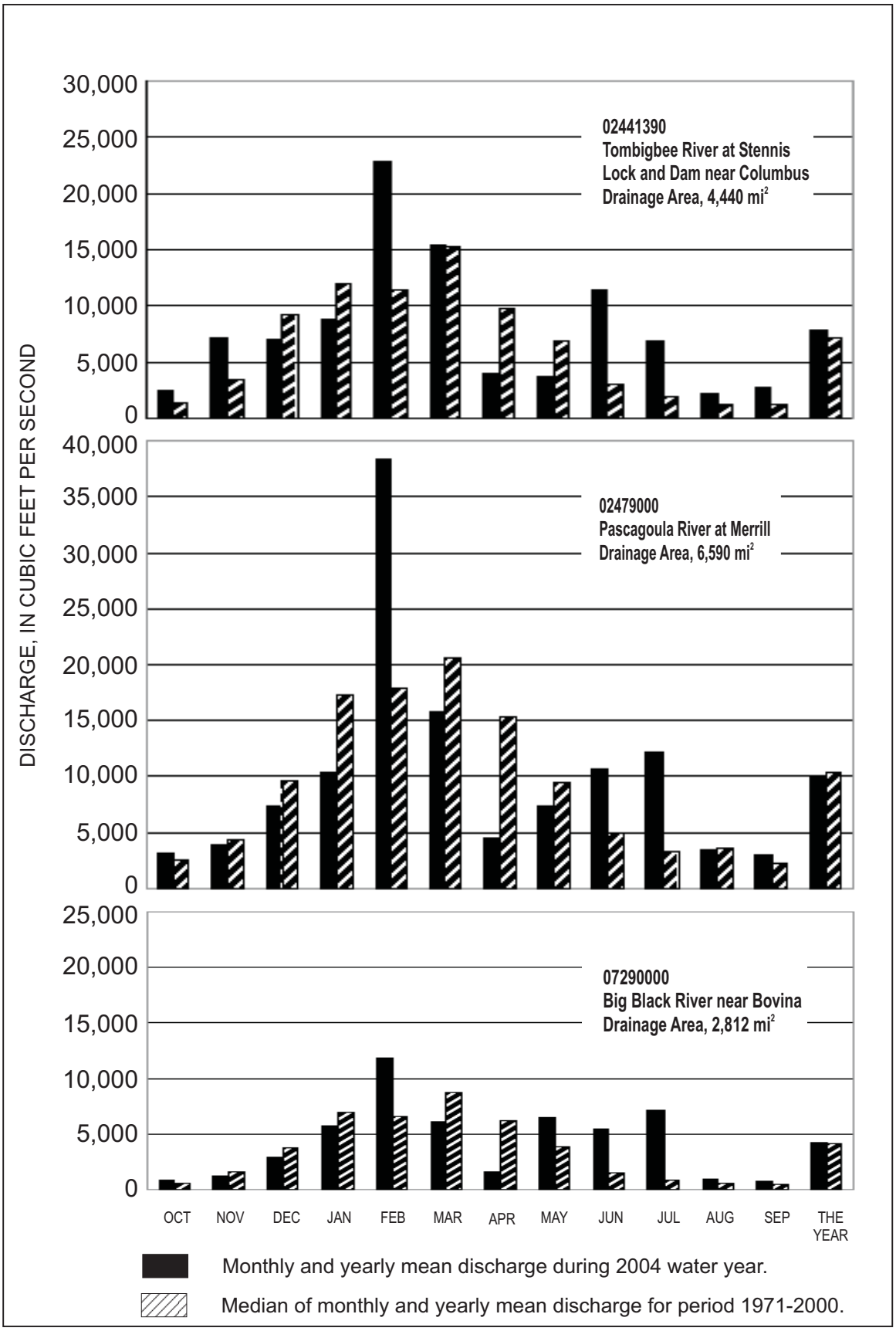


Figure 3.--Relation of discharge during 2004 water year with median discharge for period 1971-2000 for three representative gaging stations.

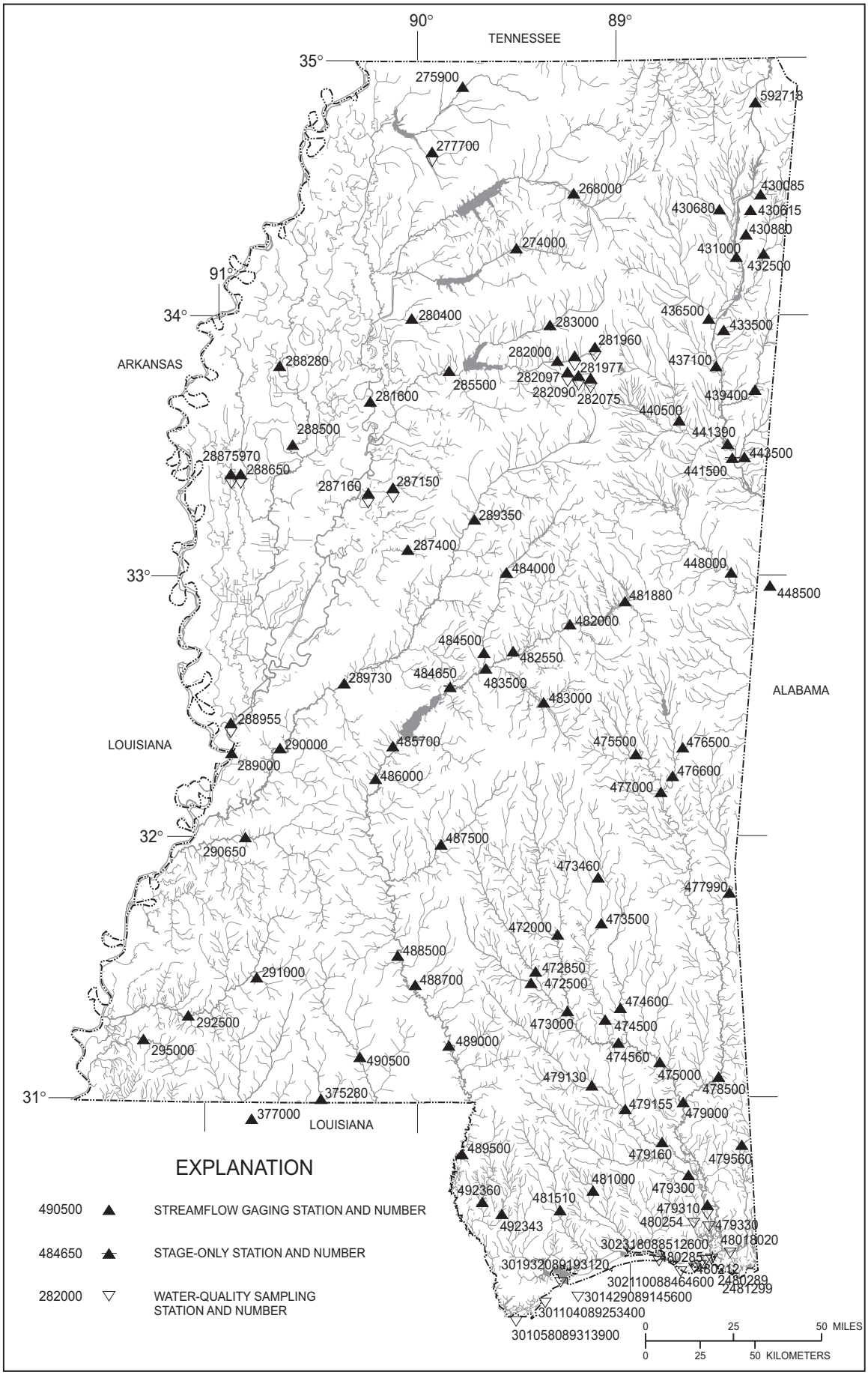


Figure 4.--Location of hydrologic-data stations.

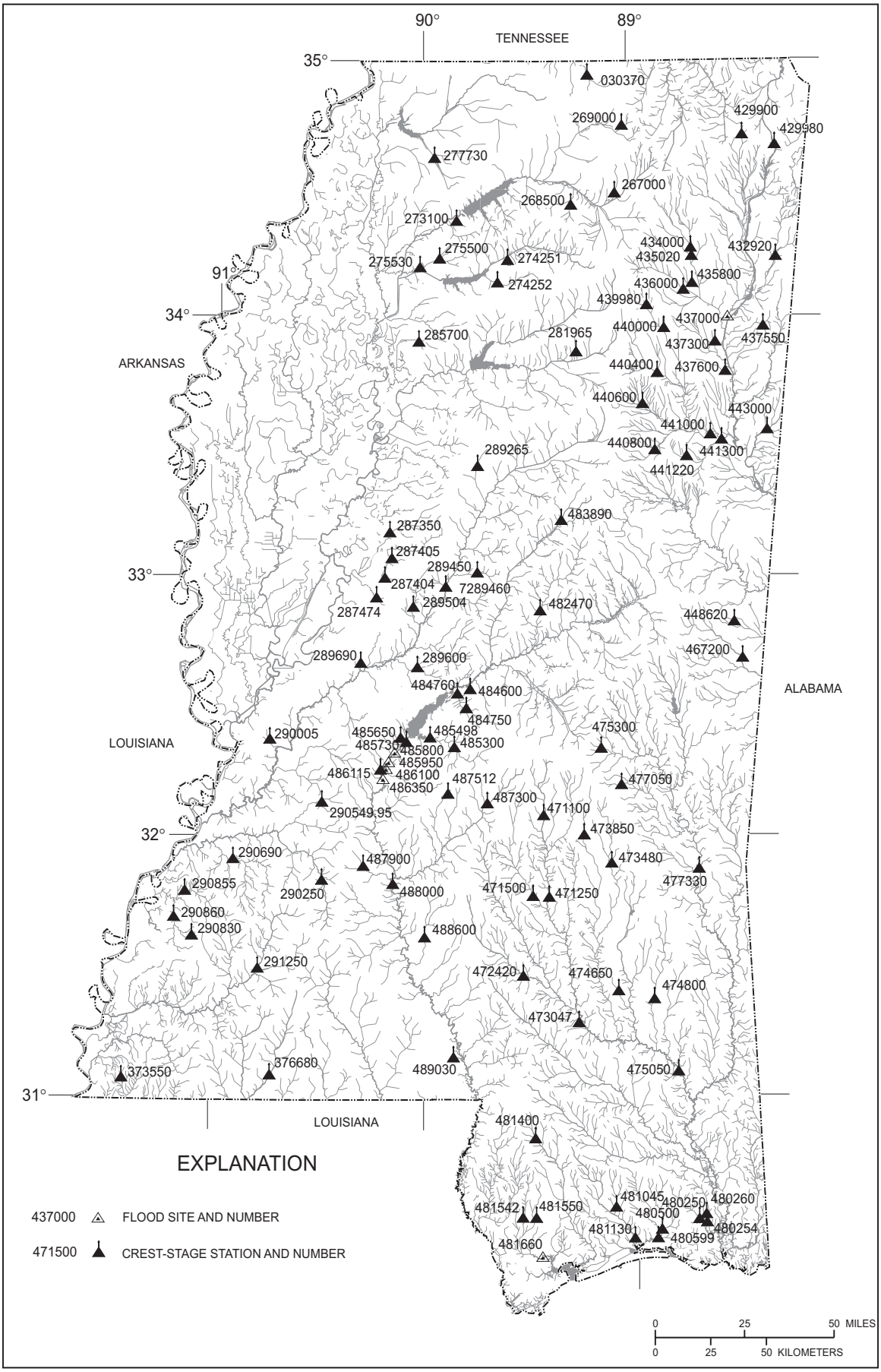


Figure 5.--Location of partial-record stations.

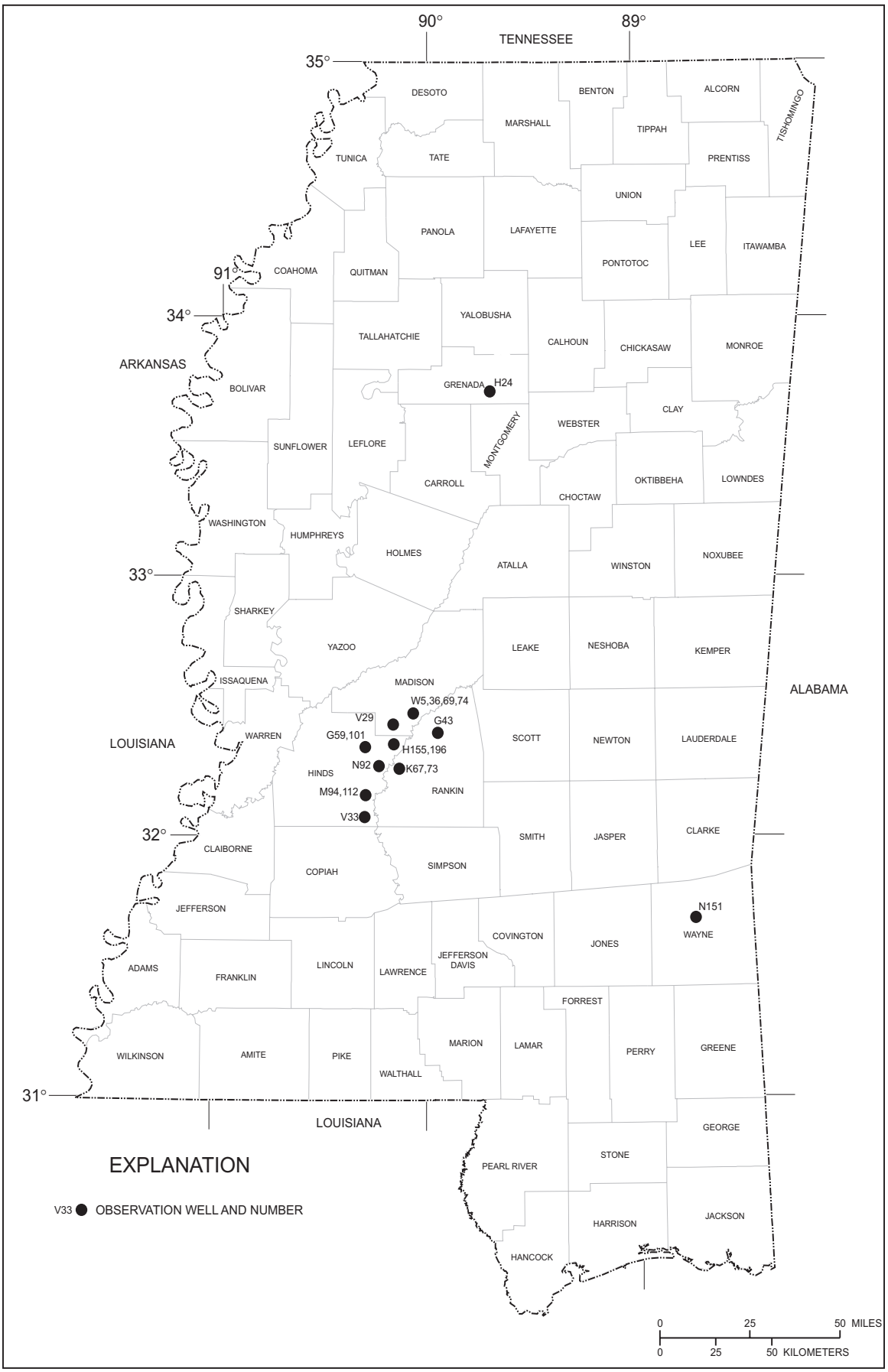


Figure 6.--Location of observation wells.

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MOBILE RIVER BASIN

02430085 RED BUD CREEK NEAR MOORES MILL, MS

LOCATION.--34°28'00", long 88°17'01", 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 NGVD of 1929.

REMARKS.--Estimated daily discharges: Nov. 16-17 and May 11, 13. Records good except for estimated daily discharges, which are poor. Satellite telemeter and U.S. Army Corps of Engineers radio telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 28	0130	886	11.28	Jun. 29	1300	730	10.96
Feb. 5	1600	961	11.42	Aug 25	1145	*2,220	*13.00
Mar. 5	2345	1,090	11.64	Aug. 28	1145	659	10.80

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.8	11	43	25	21	50	22	19	16	38	9.1	22
2	9.0	11	37	24	22	96	21	21	12	26	7.0	19
3	8.8	11	41	23	21	51	20	19	63	31	6.3	17
4	8.6	11	57	22	18	39	19	17	24	44	6.0	18
5	8.3	11	37	38	550	184	18	16	15	22	6.3	17
6	9.1	10	30	23	230	362	18	14	12	23	6.6	14
7	12	10	27	20	80	92	19	14	12	26	5.8	13
8	9.6	9.8	25	22	51	63	23	14	11	19	5.5	12
9	9.2	9.4	25	33	43	52	19	14	10	14	5.5	11
10	13	9.9	56	22	50	44	23	15	9.4	33	5.4	9.9
11	11	10	31	20	39	40	39	e16	8.9	16	5.4	9.4
12	10	11	26	19	72	37	59	15	8.5	12	5.4	9.5
13	9.7	12	26	19	43	34	57	e15	8.2	11	5.1	18
14	11	10	28	18	38	33	37	19	8.7	13	5.0	14
15	10	9.9	23	17	146	49	29	60	27	25	5.0	11
16	9.0	e35	24	16	66	65	26	19	16	80	4.9	70
17	30	e20	22	19	46	41	23	12	14	47	4.9	35
18	16	180	20	28	37	38	21	13	13	22	5.0	18
19	12	151	19	19	33	34	19	13	11	14	4.8	13
20	10	49	17	16	29	30	19	12	9.4	11	12	11
21	10	30	17	16	24	30	18	11	9.1	9.3	9.1	10
22	9.5	24	18	15	22	26	25	10	9.1	8.5	7.2	9.7
23	9.1	21	47	15	21	25	57	9.5	19	7.8	6.2	9.3
24	8.8	76	33	17	21	25	38	8.9	18	7.4	6.0	9.1
25	8.9	33	23	158	27	24	26	8.7	117	7.1	585	9.0
26	50	25	21	60	60	23	26	8.5	33	7.4	82	8.7
27	18	253	20	39	29	23	20	8.4	19	7.4	38	8.4
28	14	412	19	30	24	22	18	9.3	31	6.9	172	8.4
29	13	93	50	27	23	27	17	10	206	6.3	67	8.2
30	12	58	40	25	---	27	21	9.7	69	6.2	37	8.0
31	11	---	28	22	---	24	---	67	---	18	28	---
TOTAL	389.4	1617.0	930	867	1886	1710	797	518.0	839.3	619.3	1158.5	450.6
MEAN	12.6	53.9	30.0	28.0	65.0	55.2	26.6	16.7	28.0	20.0	37.4	15.0
MAX	50	412	57	158	550	362	59	67	206	80	585	70
MIN	8.3	9.4	17	15	18	22	17	8.4	8.2	6.2	4.8	8.0
MED	10	16	26	22	37	37	22	14	14	14	6.2	11
CFSM	0.80	3.43	1.91	1.78	4.14	3.51	1.69	1.06	1.78	1.27	2.38	0.96
IN.	0.92	3.83	2.20	2.05	4.47	4.05	1.89	1.23	1.99	1.47	2.74	1.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2004, BY WATER YEAR (WY)

MEAN	12.2	25.5	41.5	40.0	46.5	49.1	39.0	35.3	19.7	11.5	10.6	9.36
MAX	25.9	64.5	128	96.6	108	119	116	207	86.3	50.2	37.4	34.5
(WY)	2003	1987	1991	1999	1990	1980	1991	1991	1997	1989	2004	1979
MIN	2.77	5.00	9.22	10.2	14.1	20.2	8.58	3.85	3.25	3.15	2.54	2.08
(WY)	2001	1982	2000	1986	2000	1982	1986	1992	1988	1977	1981	1987

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1975 - 2004	
ANNUAL TOTAL	12519.3		11782.1			
ANNUAL MEAN	34.3		32.2		28.2	
HIGHEST ANNUAL MEAN					58.0	1991
LOWEST ANNUAL MEAN					12.6	1981
HIGHEST DAILY MEAN	412	Nov 28	585	Aug 25	1200	May 26 1991
LOWEST DAILY MEAN	5.8	Jul 28	4.8	Aug 19	1.4	Oct 5 1986
ANNUAL SEVEN-DAY MINIMUM	6.3	Sep 14	5.0	Aug 13	1.6	Sep 30 1986
MAXIMUM PEAK FLOW			2220	Aug 25	2330	May 26 1991
MAXIMUM PEAK STAGE			13.00	Aug 25	13.13	May 26 1991
ANNUAL RUNOFF (CFSM)	2.18		2.05		1.80	
ANNUAL RUNOFF (INCHES)	29.66		27.92		24.44	
10 PERCENT EXCEEDS	66		57		55	
50 PERCENT EXCEEDS	19		19		15	
90 PERCENT EXCEEDS	8.2		8.5		3.6	

e Estimated

02430615 MUD CREEK NEAR FAIRVIEW, MS

LOCATION.--Lat 34°23'33", long 88°21'18", 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 NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter and 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)
Nov. 28	0145	613	9.30	Mar. 6	0000	*800	*9.59
Feb. 5	1445	673	9.40	Jun. 29	1515	679	9.41

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	10	27	17	16	31	17	14	16	30	8.9	10
2	9.2	10	23	17	18	47	16	16	12	24	7.2	9.4
3	8.9	9.9	31	17	17	27	16	14	27	22	6.4	8.9
4	8.7	9.9	40	17	16	23	15	12	18	28	5.9	9.3
5	8.4	10	26	28	323	123	15	11	12	17	6.0	8.9
6	9.8	10	22	18	88	230	15	10	11	15	6.4	8.3
7	13	9.8	20	16	39	46	15	9.4	11	26	5.7	7.3
8	10	9.5	19	17	30	37	21	9.0	10	21	5.6	7.1
9	9.7	9.1	20	25	27	33	16	8.5	9.1	14	5.2	6.8
10	14	9.3	41	17	33	30	20	8.6	8.5	13	5.3	6.6
11	11	9.4	23	16	27	28	31	8.4	7.9	11	5.3	6.6
12	10	9.6	19	15	41	26	35	8.0	7.4	9.9	5.4	6.6
13	10	9.7	20	15	26	25	34	8.6	7.0	9.9	5.1	11
14	13	8.9	21	15	24	25	22	11	7.5	24	5.2	12
15	11	9.1	18	14	57	36	18	36	20	37	5.3	8.1
16	9.8	27	19	14	31	39	16	18	16	33	5.0	35
17	40	16	17	17	26	27	15	15	15	30	4.8	24
18	19	65	16	26	23	25	14	13	13	17	4.7	11
19	13	58	16	17	22	23	13	12	10	14	4.6	8.9
20	11	27	15	15	21	22	14	11	8.9	11	22	8.0
21	10	20	15	14	19	23	13	10	8.3	10	22	7.5
22	9.9	17	15	14	18	20	14	9.8	10	9.4	13	7.3
23	9.4	16	34	14	18	20	20	9.4	15	8.6	8.6	7.2
24	9.2	50	26	16	19	19	16	8.8	14	8.2	7.8	7.2
25	9.6	23	18	69	24	19	14	8.4	51	7.7	63	7.0
26	42	19	17	29	41	18	18	8.2	27	8.4	17	6.9
27	17	130	16	21	23	18	13	7.8	16	8.2	12	6.8
28	13	227	16	19	21	17	12	10	32	7.4	53	6.8
29	12	43	33	18	19	21	11	12	211	6.7	24	6.8
30	11	32	27	17	---	21	18	10	42	6.4	14	6.7
31	10	---	19	16	---	18	---	47	---	11	12	---
TOTAL	401.5	914.2	689	600	1107	1117	527	394.9	673.6	498.8	376.4	284.0
MEAN	13.0	30.5	22.2	19.4	38.2	36.0	17.6	12.7	22.5	16.1	12.1	9.47
MAX	42	227	41	69	323	230	35	47	211	37	63	35
MIN	8.4	8.9	15	14	16	17	11	7.8	7.0	6.4	4.6	6.6
MED	10	13	20	17	24	25	16	10	12	13	6.4	7.4
CFSM	1.17	2.75	2.00	1.74	3.44	3.25	1.58	1.15	2.02	1.45	1.09	0.85
IN.	1.35	3.06	2.31	2.01	3.71	3.74	1.77	1.32	2.26	1.67	1.26	0.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2004, BY WATER YEAR (WY)

MEAN	10.0	18.8	27.7	24.9	28.9	31.7	26.5	25.1	15.7	9.57	8.25	8.40
MAX	21.3	46.3	95.7	49.2	78.0	71.3	82.8	134	61.0	19.8	20.9	18.3
(WY)	1976	1987	1991	1999	1991	1980	1991	1991	1997	1994	1975	1975
MIN	2.59	4.51	8.41	8.41	12.9	10.3	5.62	6.04	2.85	3.29	1.56	2.32
(WY)	2001	1982	1982	1986	1986	1982	1986	1981	1988	1988	2000	1999

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1975 - 2004	
ANNUAL TOTAL	8086.9		7583.4			
ANNUAL MEAN	22.2		20.7		19.5	
HIGHEST ANNUAL MEAN					45.2	1991
LOWEST ANNUAL MEAN					9.80	1986
HIGHEST DAILY MEAN	227	Nov 28	323	Feb 5	984	May 3 1993
LOWEST DAILY MEAN	6.1	Sep 20	4.6	Aug 19	0.82	Aug 18 2000
ANNUAL SEVEN-DAY MINIMUM	6.6	Sep 7	5.0	Aug 13	0.84	Aug 18 2000
MAXIMUM PEAK FLOW			800	Mar 6	1510	May 3 1993
MAXIMUM PEAK STAGE			9.59	Mar 6	10.49	May 3 1993
INSTANTANEOUS LOW FLOW			4.3	Aug 19		
ANNUAL RUNOFF (CFSM)	2.00		1.87		1.76	
ANNUAL RUNOFF (INCHES)	27.10		25.41		23.85	
10 PERCENT EXCEEDS	38		33		34	
50 PERCENT EXCEEDS	17		15		12	
90 PERCENT EXCEEDS	9.1		7.4		4.2	

02430680 TWENTYMILE CREEK NEAR GUNTOWN, MS

LOCATION.--Lat 34°27'10", long 88°34'38", in SW1/4 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.

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 NGVD of 1929.

REMARKS.--No estimated discharges. Records good. Satellite telemeter and U.S. Army Corps of Engineers radio telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base dischargae 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)
Feb. 5	1600	17,600	26.95	Jun. 25	1045	*17,800	*26.99

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	22	92	128	97	812	75	37	96	233	24	18
2	10	19	77	117	105	1220	65	52	47	195	15	12
3	9.7	17	164	112	218	379	57	45	208	146	12	9.1
4	9.5	19	765	105	125	204	53	37	219	267	10	8.0
5	9.5	18	210	317	8640	1520	57	33	54	198	11	6.9
6	9.5	17	126	172	1660	2770	54	29	37	89	15	6.2
7	8.8	15	99	106	507	448	52	24	44	311	8.9	5.2
8	8.7	15	91	113	264	222	69	21	36	201	7.0	4.3
9	8.5	13	86	519	202	170	52	18	29	83	6.2	3.9
10	11	13	819	185	373	132	51	25	24	62	7.3	3.7
11	14	13	230	124	239	116	124	21	20	46	5.4	3.7
12	12	15	127	107	1260	104	960	17	17	96	8.0	5.4
13	11	18	115	98	405	98	778	17	640	86	8.9	4.7
14	12	16	281	93	231	92	318	21	690	43	5.8	4.7
15	13	15	139	88	2360	159	130	2170	197	1350	5.0	4.2
16	10	189	118	79	776	1290	96	348	188	435	4.4	9.4
17	155	86	129	120	333	226	78	223	334	421	4.0	14
18	56	1030	96	666	208	159	67	100	160	139	4.1	7.4
19	24	1160	82	215	178	125	61	77	74	77	4.0	4.6
20	15	290	73	122	152	105	56	49	52	53	6.1	3.3
21	12	119	67	103	126	102	51	39	41	41	8.5	3.0
22	11	88	68	94	108	86	188	32	229	35	6.4	2.9
23	11	75	562	86	106	80	305	25	251	30	6.2	2.8
24	10	969	341	93	123	81	99	20	276	24	20	2.9
25	11	204	139	3260	142	74	67	18	7030	22	28	2.7
26	1030	115	104	599	655	71	95	15	1460	52	13	2.8
27	128	1060	92	250	220	70	63	13	298	31	13	3.1
28	63	364	85	157	138	67	46	16	1290	22	458	3.2
29	43	147	644	136	117	148	38	30	848	17	70	3.4
30	33	108	553	121	---	173	37	26	382	15	289	3.8
31	24	---	178	103	---	90	---	708	---	24	37	---
TOTAL	1795.2	6249	6752	8588	20068	11393	4242	4306	15271	4844	1121.2	169.3
MEAN	57.9	208	218	277	692	368	141	139	509	156	36.2	5.64
MAX	1030	1160	819	3260	8640	2770	960	2170	7030	1350	458	18
MIN	8.5	13	67	79	97	67	37	13	17	15	4.0	2.7
MED	12	48	126	120	218	132	66	29	192	77	8.9	4.2
CFSM	0.44	1.59	1.66	2.11	5.28	2.81	1.08	1.06	3.89	1.19	0.28	0.04
IN.	0.51	1.77	1.92	2.44	5.70	3.24	1.20	1.22	4.34	1.38	0.32	0.05
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2004, BY WATER YEAR (WY)												
MEAN	64.5	222	392	371	467	363	312	294	167	44.7	40.6	26.8
MAX	545	844	1157	1001	1195	652	912	1946	773	282	329	109
(WY)	2002	2002	1992	2002	1990	1994	1991	1991	1997	1989	1992	2003
MIN	0.93	5.18	30.3	19.6	90.5	114	16.8	11.0	1.09	1.98	0.81	0.62
(WY)	2001	2000	2000	1986	2000	1988	1986	1988	1988	1990	2000	1999

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1982 - 2004	
ANNUAL TOTAL	92691.5		84798.7			
ANNUAL MEAN	254		232		230	
HIGHEST ANNUAL MEAN					435	1991
LOWEST ANNUAL MEAN					66.6	1988
HIGHEST DAILY MEAN	4690	May 17	8640	Feb 5	15500	May 26 1991
LOWEST DAILY MEAN	2.6	Sep 20	2.7	Sep 25	0.00	Aug 19 1988
ANNUAL SEVEN-DAY MINIMUM	3.5	Sep 14	2.9	Sep 21	0.05	Aug 14 1988
MAXIMUM PEAK FLOW			17800	Jun 25	41500	May 27 1991
MAXIMUM PEAK STAGE			26.99	Jun 25	30.88	May 27 1991
INSTANTANEOUS LOW FLOW			2.6	Sep 22a	0.00	Aug 19 1988
ANNUAL RUNOFF (CFSM)	1.94		1.77		1.76	
ANNUAL RUNOFF (INCHES)	26.32		24.08		23.88	
10 PERCENT EXCEEDS	690		511		427	
50 PERCENT EXCEEDS	88		77		43	
90 PERCENT EXCEEDS	11		7.4		2.2	

a Also occurred on Sept. 23-26.

02430880 CUMMINGS CREEK NEAR FULTON, MS

LOCATION.--Lat 34°18'16", long 88°22'16", in SE1/4 NE1/4 sec.17, T.9 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, in left bank, 20 ft downstream from 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.

REVISED RECORDS.--WDR MS-97-1: 1995(M).

GAGE.--Water-stage recorder. Elevation of gage is 295 ft. above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter U.S. Army Corps of Engineers radio telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 330 cfs and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 27	0800	339	7.94	Feb. 5	1345	707	10.29
Nov. 28	0045	364	8.18	Mar. 5	2245	*733	*10.40

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	18	38	31	23	50	32	28	27	46	17	17
2	14	17	33	30	26	69	31	31	22	39	13	17
3	14	17	43	30	25	47	30	28	30	72	12	15
4	14	17	62	29	23	42	29	25	26	68	11	15
5	14	17	41	41	380	136	29	23	20	39	14	14
6	20	18	35	31	121	222	28	21	18	50	13	12
7	23	17	32	28	56	65	29	20	20	50	11	12
8	18	17	31	30	47	54	44	19	17	38	10	11
9	16	17	31	37	44	49	33	18	15	31	10	11
10	24	17	55	30	52	45	35	18	14	26	10	11
11	20	18	38	28	47	42	46	18	14	22	10	10
12	18	19	34	27	64	40	47	18	13	21	11	11
13	17	20	34	27	46	38	50	19	12	20	10	12
14	21	18	35	27	44	38	38	21	14	27	10	12
15	18	18	32	27	80	52	33	47	26	49	9.8	11
16	16	39	33	26	52	60	30	27	29	46	9.4	39
17	49	28	32	29	46	43	28	23	32	45	9.4	34
18	30	57	33	40	43	40	27	26	25	29	9.4	18
19	22	63	30	30	42	38	25	24	19	23	9.4	14
20	19	34	29	28	41	36	25	20	17	19	25	12
21	18	26	28	27	39	36	25	18	16	17	21	12
22	17	23	29	26	38	34	28	16	20	16	16	12
23	16	23	57	26	37	34	30	15	31	15	14	12
24	16	59	42	28	38	35	26	15	28	14	18	12
25	16	31	33	90	44	34	25	14	74	14	42	11
26	46	26	30	43	64	34	35	14	46	15	26	11
27	26	147	28	32	44	34	27	14	33	15	21	11
28	21	172	28	27	41	33	25	18	56	14	80	11
29	19	56	45	26	39	35	23	20	80	12	32	11
30	18	44	40	25	---	36	32	17	47	12	21	11
31	18	---	31	24	---	35	---	56	---	22	18	---
TOTAL	632	1093	1122	980	1686	1586	945	691	841	926	543.4	422
MEAN	20.4	36.4	36.2	31.6	58.1	51.2	31.5	22.3	28.0	29.9	17.5	14.1
MAX	49	172	62	90	380	222	50	56	80	72	80	39
MIN	14	17	28	24	23	33	23	14	12	12	9.4	10
MED	18	22	33	28	44	40	30	20	24	23	13	12
CFSM	1.07	1.91	1.89	1.66	3.04	2.68	1.65	1.17	1.47	1.56	0.92	0.74
IN.	1.23	2.13	2.19	1.91	3.28	3.09	1.84	1.35	1.64	1.80	1.06	0.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2004, BY WATER YEAR (WY)

MEAN	17.6	30.1	41.7	39.9	46.7	49.7	44.7	40.5	25.1	17.0	14.5	15.7
MAX	42.6	71.4	135	80.6	106	116	108	173	75.0	38.1	38.1	37.0
(WY)	1976	1987	1991	1979	1991	1980	1983	1991	1997	1989	1975	1975
MIN	4.92	13.4	15.2	16.5	22.1	23.5	13.3	10.3	5.34	5.55	4.03	4.05
(WY)	2001	1982	2000	1986	2000	1982	1986	1988	1988	1988	1988	1986

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1975 - 2004	
ANNUAL TOTAL	12694		11467.4			
ANNUAL MEAN	34.8		31.3		31.7	
HIGHEST ANNUAL MEAN					65.0	1991
LOWEST ANNUAL MEAN					17.2	1986
HIGHEST DAILY MEAN	280	May 6	380	Feb 5	1200	Dec 3 1983
LOWEST DAILY MEAN	13	Aug 25	9.4	Aug 16	2.1	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	14	Sep 29	9.6	Aug 13	2.7	Aug 17 2000
MAXIMUM PEAK FLOW			733	Mar 5	2350	May 27 1991
MAXIMUM PEAK STAGE			10.40	Mar 5	12.71	May 27 1991
ANNUAL RUNOFF (CFSM)	1.82		1.64		1.66	
ANNUAL RUNOFF (INCHES)	24.72		22.33		22.56	
10 PERCENT EXCEEDS	58		49		56	
50 PERCENT EXCEEDS	28		27		21	
90 PERCENT EXCEEDS	16		12		8.7	

02431000 TOMBIGBEE RIVER NEAR FULTON, MS

LOCATION.--Lat 34°15'54", long 88°26'43", in SW1/4 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 old 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 421.8.

DRAINAGE AREA.--612 mi^2, prior to construction of Tennessee-Tombigbee Waterway.

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 NGVD of 1929. Prior to Oct. 27, 1934, nonrecording gage at bridge 200 ft upstream, and Oct. 27, 1934 to Aug. 22, 1939, nonrecording gage at present site, all at present datum.

REMARKS.--Estimated daily discharges: Feb. 7-11, May 7-11 and Jun. 16-18. Records good except for estimated daily discharges, which are poor. Some regulation by Tennessee-Tombigbee Waterway since 1985. Statistics shown below are for water years 1985 to the current year, except for instantaneous extremes,which are shown for the entire period of record. 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)
Feb. 6	2000	*34,300	*22.10	Jun.26	1700	9,720	18.34
Mar. 7	0100	8,930	18.19				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	195	251	1530	977	593	791	494	284	829	2350	198	801
2	177	226	1050	822	537	1850	468	271	460	1720	196	532
3	177	210	760	694	567	2360	436	264	392	1210	169	376
4	181	198	1150	625	586	2040	397	242	637	1240	153	301
5	169	188	1180	641	2070	1660	365	231	465	1080	148	246
6	162	180	953	820	20900	6200	338	206	328	849	172	195
7	205	173	796	666	e26800	7640	314	e175	283	697	172	156
8	205	168	679	604	e22500	4210	318	e165	267	814	164	138
9	174	160	588	752	e11000	2260	338	e157	218	622	165	165
10	167	166	897	911	e5200	1520	311	e148	182	509	177	173
11	181	184	1180	717	e1450	1090	348	e143	168	446	179	158
12	203	204	888	640	1640	874	630	144	149	390	176	153
13	195	199	764	577	2000	733	1400	147	160	417	179	174
14	184	195	740	536	1660	649	1320	145	945	350	180	199
15	167	198	765	511	1870	647	1030	1050	658	941	174	214
16	165	220	647	487	3610	1400	810	2140	e800	1160	165	230
17	265	466	622	469	3120	1860	627	1890	e1100	1660	158	359
18	463	546	540	704	2140	1670	493	1380	e700	1820	156	343
19	350	1710	503	975	1530	1340	417	957	446	1590	159	325
20	278	1950	456	757	1150	1020	374	652	344	1130	179	305
21	234	1590	420	652	937	823	353	465	286	775	200	271
22	207	1160	399	580	762	667	364	374	233	543	193	240
23	183	826	471	524	664	557	537	317	440	412	181	205
24	175	1060	1060	492	611	493	536	262	511	337	162	159
25	168	1370	845	1640	624	458	448	207	1620	289	235	137
26	705	1060	725	4210	1010	437	436	182	8550	240	1420	163
27	1040	1440	624	3060	1200	424	453	167	6950	251	3530	169
28	584	2890	547	2060	1040	411	410	161	3860	218	2100	167
29	455	2800	556	1370	888	397	352	190	3290	197	1760	167
30	359	2270	1310	972	---	544	316	209	3340	180	1460	172
31	295	---	1140	726	---	534	---	669	---	174	1210	---
TOTAL	8668	24258	24785	30171	118659	47559	15433	13994	38611	24611	15870	7393
MEAN	280	809	800	973	4092	1534	514	451	1287	794	512	246
MAX	1040	2890	1530	4210	26800	7640	1400	2140	8550	2350	3530	801
MIN	162	160	399	469	537	397	311	143	149	174	148	137
CFSM	0.46	1.32	1.31	1.59	6.69	2.51	0.84	0.74	2.10	1.30	0.84	0.40
IN.	0.53	1.47	1.51	1.83	7.21	2.89	0.94	0.85	2.35	1.50	0.96	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	276	574	1350	1379	1841	1537	1059	1045	730	301	270	229
MAX	880	2056	4885	3280	4652	2771	3244	7724	3164	1232	931	806
(WY)	2002	1987	1992	1999	1990	1995	1991	1991	1997	1989	1992	2002
MIN	105	143	190	152	343	540	165	148	92.6	113	82.8	82.0
(WY)	1988	2000	2000	1986	2000	1985	1986	1988	1988	1986	1987	1986

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	349365		370012			
ANNUAL MEAN	957		1011		878	
HIGHEST ANNUAL MEAN					1837	1991
LOWEST ANNUAL MEAN					353	1988
HIGHEST DAILY MEAN	10500	May 18	26800	Feb 7	55100	May 27 1991
LOWEST DAILY MEAN	148	Jul 9	137	Sep 25	33	Oct 5 1984
ANNUAL SEVEN-DAY MINIMUM	166	Jul 7	150	May 8	36	Oct 1 1984
MAXIMUM PEAK FLOW			34300	Feb 6	82200	Mar 22 1955
MAXIMUM PEAK STAGE			22.10	Feb 6	27.72	May 27 1991
ANNUAL RUNOFF (CFSM)	1.56		1.65		1.43	
ANNUAL RUNOFF (INCHES)	21.24		22.49		19.49	
10 PERCENT EXCEEDS	2260		1830		1870	
50 PERCENT EXCEEDS	536		492		339	
90 PERCENT EXCEEDS	180		168		119	

e Estimated

02431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.49	7.98	14.44	11.93	10.24	11.33	9.93	8.51	11.51	16.07	7.55	11.38
2	7.36	7.78	12.32	11.13	9.91	15.15	9.77	8.41	9.43	15.04	7.53	9.88
3	7.37	7.65	10.80	10.44	10.09	16.10	9.56	8.36	9.00	13.40	7.29	8.88
4	7.41	7.55	12.79	10.06	10.20	15.71	9.31	8.19	10.49	13.50	7.15	8.35
5	7.30	7.47	12.99	10.14	13.59	14.92	9.09	8.10	9.46	12.78	7.10	7.94
6	7.24	7.39	11.80	11.12	20.04	17.47	8.91	7.90	8.55	11.64	7.32	7.53
7	7.61	7.33	10.99	10.29	---	17.92	8.73	---	8.22	10.83	7.33	7.18
8	7.61	7.29	10.36	9.94	---	17.02	8.76	---	8.10	11.45	7.25	7.01
9	7.34	7.21	9.84	10.74	---	15.94	8.90	---	7.71	10.41	7.26	7.26
10	7.28	7.27	11.49	11.60	---	14.50	8.71	---	7.41	9.74	7.37	7.33
11	7.40	7.43	12.99	10.57	---	12.90	8.97	---	7.29	9.35	7.39	7.20
12	7.59	7.60	11.47	10.14	14.82	11.83	10.65	7.35	7.11	8.98	7.36	7.15
13	7.52	7.56	10.82	9.78	15.66	11.11	14.20	7.38	7.22	9.16	7.39	7.34
14	7.43	7.52	10.70	9.54	14.94	10.66	13.92	7.35	11.94	8.70	7.39	7.56
15	7.28	7.55	10.83	9.39	15.25	10.65	12.75	12.01	10.59	11.76	7.34	7.68
16	7.26	7.72	10.18	9.23	16.82	13.83	11.71	15.86	---	13.11	7.26	7.81
17	8.07	9.43	10.04	9.12	16.60	15.44	10.72	15.47	---	14.88	7.20	8.77
18	9.45	9.82	9.56	10.46	15.82	14.97	9.92	14.01	---	15.37	7.18	8.66
19	8.71	15.03	9.33	11.93	14.53	13.96	9.44	12.18	9.34	14.74	7.21	8.53
20	8.19	15.58	9.04	10.79	13.11	12.64	9.15	10.57	8.67	13.01	7.38	8.39
21	7.84	14.71	8.81	10.21	12.09	11.68	9.00	9.47	8.24	11.25	7.57	8.14
22	7.63	13.01	8.67	9.79	11.18	10.85	9.08	8.87	7.83	9.94	7.51	7.90
23	7.42	11.30	9.11	9.47	10.65	10.23	10.17	8.47	9.28	9.12	7.40	7.60
24	7.35	12.41	12.38	9.27	10.35	9.85	10.18	8.06	9.75	8.61	7.23	7.20
25	7.29	13.88	11.25	13.67	10.42	9.65	9.64	7.62	13.58	8.27	7.84	7.00
26	10.56	12.47	10.62	17.05	12.40	9.52	9.56	7.41	18.10	7.89	12.79	7.24
27	12.53	13.93	10.05	16.58	13.34	9.45	9.67	7.28	17.77	7.98	16.79	7.29
28	10.18	16.48	9.60	15.69	12.60	9.38	9.39	7.23	16.90	7.71	15.76	7.28
29	9.41	16.45	9.64	13.92	11.84	9.30	9.00	7.48	16.70	7.54	15.19	7.28
30	8.77	15.98	13.58	12.17	---	10.22	8.74	7.64	16.71	7.39	14.35	7.32
31	8.31	---	12.79	10.95	---	10.18	---	10.58	---	7.34	13.34	---
MEAN	8.07	10.36	10.94	11.20	---	12.72	9.92	---	---	10.87	8.77	7.87
MAX	12.53	16.48	14.44	17.05	---	17.92	14.20	---	---	16.07	16.79	11.38
MIN	7.24	7.21	8.67	9.12	---	9.30	8.71	---	---	7.34	7.10	7.00

02432500 BULL MOUNTAIN CREEK AT TREMONT, MS

LOCATION.--Lat 34°14'21", long 88°16'18", 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to July 22, 1949, staff gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Discharges over 200 ft^3/s not determined. Satellite 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 8.97 ft, Feb. 6, minimum discharge, 32 ft^3/s, Sept. 12.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	69	---	---	179	---	126	116	187	---	---	52
2	73	66	---	189	169	---	118	105	86	---	---	48
3	69	65	---	177	182	---	113	108	103	---	171	46
4	65	64	---	162	159	---	107	94	122	---	128	46
5	62	63	---	184	---	---	101	85	85	---	106	63
6	61	64	---	194	---	---	97	76	68	---	92	53
7	68	63	194	158	---	---	99	68	65	---	81	46
8	67	60	177	149	---	---	120	63	67	---	71	43
9	60	58	163	171	---	---	142	60	61	---	65	40
10	63	57	---	162	---	---	113	57	55	180	60	37
11	76	57	---	141	---	---	152	55	53	152	57	35
12	67	57	---	134	---	---	199	51	47	124	54	33
13	61	57	185	129	---	---	---	51	69	121	55	98
14	60	58	182	126	---	---	---	99	136	106	48	89
15	65	54	165	126	---	---	173	108	77	93	44	51
16	59	99	152	121	---	---	149	---	137	114	41	55
17	92	---	150	121	---	---	133	140	196	---	39	---
18	154	180	138	159	---	---	123	99	112	---	37	---
19	92	---	131	173	---	---	114	102	79	164	35	184
20	74	---	122	139	---	---	108	83	65	124	37	120
21	66	---	116	128	---	197	103	69	58	102	74	93
22	62	164	114	122	---	178	104	61	73	90	75	78
23	59	149	157	117	---	162	175	55	---	85	58	67
24	56	---	---	114	196	154	126	49	165	72	48	61
25	53	---	---	---	193	147	105	45	---	66	65	57
26	110	---	172	---	---	140	123	41	---	63	---	53
27	159	---	156	---	---	135	123	39	---	60	108	50
28	101	---	145	---	---	131	96	37	---	59	105	47
29	87	---	158	---	---	124	88	46	---	54	75	46
30	79	---	---	---	---	134	102	53	---	49	61	44
31	74	---	---	195	---	141	---	180	---	196	56	---
TOTAL	2372	---	---	---	---	---	---	---	---	---	---	---
MEAN	76.5	---	---	---	---	---	---	---	---	---	---	---
MAX	159											
MIN	53											
MED	67											
CFSM	0.56	---	---	---	---	---	---	---	---	---	---	---
IN.	0.65	---	---	---	---	---	---	---	---	---	---	---

02433500 TOMBIGBEE RIVER AT BIGBEE, MS

LOCATION.--Lat 34°00'41", long 88°30'49", 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 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.

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

REMARKS.--Estimated daily discharges: Nov. 28 - Dec. 2, Dec. 13, 16-18, Apr. 3-7, 19-22, and Apr. 27 - May 3. 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. Satellite telemeter and U.S. Army Corps of Engineers radio telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of 1973 reached a stage of 27.64 ft and a discharge of 112,000 ft^3/s and 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)
Feb. 7	2015	*33,100	*20.09	Mar. 6	0830	15,900	17.35

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	455	489	e3320	2250	1340	1760	1010	e718	1640	5390	340	1730
2	415	441	e3300	1770	1640	4810	1370	e650	1060	4890	941	1120
3	398	416	2280	1640	1460	4630	e997	e592	1190	3610	696	779
4	561	814	3010	1320	1100	4800	e945	539	1510	3970	333	538
5	521	385	2700	1990	7760	4790	e910	571	1150	3390	705	464
6	383	374	2450	1760	18300	13900	e860	663	765	3690	316	395
7	367	439	1710	1650	27900	12400	e925	541	543	2930	314	339
8	394	346	1670	1280	27100	17000	1020	532	481	2300	312	303
9	402	572	1380	1350	15300	11000	1030	630	504	1930	306	283
10	423	338	2020	1620	8390	6290	978	385	390	1440	304	283
11	612	333	2390	1740	5430	3790	1260	371	350	691	314	290
12	381	351	2140	1160	5360	2590	2090	506	331	1050	322	291
13	537	726	e1760	1410	4290	2330	1960	365	482	637	314	504
14	555	369	e1590	958	4280	1880	2400	392	348	517	309	614
15	628	360	1390	945	4970	2090	2080	1400	1230	1430	307	416
16	360	808	e1200	1250	5570	3370	1970	2050	1460	1340	304	1420
17	1060	1040	e1350	1060	4710	3720	1340	2080	1550	2200	297	1100
18	542	1690	e962	1500	5110	3120	1850	2290	1330	2210	291	748
19	1160	4150	1310	1790	4880	2880	e1110	1920	900	2340	290	657
20	998	2390	799	1720	3010	2490	e845	1350	980	1860	302	465
21	478	3260	1050	1460	2800	2320	e720	888	536	1770	382	426
22	427	2720	787	1070	2260	1970	e830	648	478	1070	336	397
23	398	1850	1230	949	2220	1290	1340	547	864	753	331	371
24	536	2660	2050	882	1720	1040	1120	504	1050	699	320	345
25	629	2320	2480	4240	1720	1270	1780	612	2880	1140	1420	308
26	1550	2650	1920	5080	2810	938	1330	385	5070	457	936	280
27	1650	5010	1150	4640	2830	873	e1275	357	5540	411	1390	629
28	1450	e6050	1180	5510	2640	1250	e1018	561	10500	405	2480	629
29	1410	e4130	1810	4350	2130	1370	e885	391	9390	383	3730	279
30	679	e3380	2360	3370	---	949	e800	367	8930	367	2950	277
31	552	---	2800	2230	---	1330	---	2140	---	433	2480	---
TOTAL	20911	50861	57548	63944	179030	124240	38048	25945	63432	55703	24372	16680
MEAN	675	1695	1856	2063	6173	4008	1268	837	2114	1797	786	556
MAX	1650	6050	3320	5510	27900	17000	2400	2290	10500	5390	3730	1730
MIN	360	333	787	882	1100	873	720	357	331	367	290	277
MED	537	811	1760	1640	4280	2490	1070	571	1060	1430	322	421
CFSM	0.55	1.38	1.51	1.68	5.04	3.27	1.03	0.68	1.72	1.47	0.64	0.45
IN.	0.63	1.54	1.75	1.94	5.43	3.77	1.15	0.79	1.92	1.69	0.74	0.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	620	1101	2888	2931	3756	3474	2581	2542	1572	683	513	587
MAX	1981	3666	9297	7248	9187	6211	7958	17810	8068	1900	1200	1770
(WY)	2003	1987	1991	1999	1991	1995	1991	1991	1997	1989	2003	1993
MIN	247	311	434	343	787	925	382	331	242	283	219	209
(WY)	1988	2000	2000	1986	2000	1988	1986	1988	1988	1988	1987	1986

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	831762		720714			
ANNUAL MEAN	2279		1969		1929	
HIGHEST ANNUAL MEAN					4530	1991
LOWEST ANNUAL MEAN					613	1988
HIGHEST DAILY MEAN	19500	May 19	27900	Feb 7	89500	May 28 1991
LOWEST DAILY MEAN	333	Nov 11	277	Sep 30	54	Oct 7 1984
ANNUAL SEVEN-DAY MINIMUM	360	Sep 14	300	Aug 14	83	Oct 1 1984
MAXIMUM PEAK FLOW			33100	Feb 7	101000	May 28 1991
MAXIMUM PEAK STAGE			20.09	Feb 7	27.49	May 28 1991
INSTANTANEOUS LOW FLOW			274	Sep 26,27	102	Oct 9 1985
ANNUAL RUNOFF (CFSM)	1.86		1.61		1.57	
ANNUAL RUNOFF (INCHES)	25.24		21.87		21.38	
10 PERCENT EXCEEDS	5020		4280		4300	
50 PERCENT EXCEEDS	1290		1150		758	
90 PERCENT EXCEEDS	406		349		267	

e Estimated

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.19	4.27	---	6.96	5.60	6.46	5.34	---	6.37	11.14	3.98	6.18
2	4.10	4.16	---	6.24	6.05	10.92	5.89	---	5.39	10.62	5.19	5.29
3	4.05	4.10	6.97	6.04	5.78	10.41	---	---	5.60	9.16	4.68	4.81
4	4.32	4.77	8.11	5.57	5.27	10.56	---	4.47	6.37	9.58	3.95	4.37
5	4.27	4.02	7.57	6.59	11.34	10.57	---	4.54	5.54	8.90	4.68	4.21
6	4.01	3.99	7.57	6.22	18.09	16.45	---	4.70	4.93	9.27	3.90	4.05
7	3.97	4.13	6.16	6.06	19.03	14.95	---	4.49	4.50	8.26	3.89	3.90
8	4.04	3.92	6.09	5.53	18.85	16.28	5.35	4.39	4.35	7.53	3.89	3.79
9	4.06	4.39	5.67	5.63	15.68	14.09	5.36	4.58	4.40	6.81	3.87	3.73
10	4.10	3.89	6.71	6.02	12.93	11.66	5.28	4.11	4.12	6.01	3.87	3.73
11	4.42	3.88	7.17	6.18	11.04	9.35	5.72	4.07	4.01	5.00	3.89	3.75
12	4.01	3.93	6.78	5.35	11.14	7.80	7.15	4.38	3.95	4.80	3.92	3.75
13	4.31	4.61	---	5.70	9.95	7.42	6.94	4.05	4.32	5.38	3.90	4.23
14	4.32	3.98	---	5.07	9.98	6.71	7.61	4.12	3.99	4.70	3.88	4.39
15	4.44	3.95	5.67	5.05	10.96	7.13	7.05	6.82	5.64	6.21	3.87	4.07
16	3.95	4.71	---	5.48	11.31	9.18	6.85	7.38	6.05	5.82	3.86	5.71
17	5.11	5.17	---	5.21	10.46	9.31	5.81	7.09	6.19	7.23	3.84	5.28
18	4.38	6.33	---	6.07	10.88	8.55	6.65	7.39	5.87	7.24	3.82	4.74
19	5.35	9.43	5.55	6.35	10.61	8.21	---	6.78	5.16	7.44	3.81	4.58
20	5.09	7.19	4.84	6.17	8.39	7.61	---	5.84	5.25	6.69	3.85	4.21
21	4.24	8.27	5.19	5.79	8.11	7.38	---	5.14	4.48	6.51	4.08	4.12
22	4.12	7.59	4.80	5.23	7.31	6.86	---	4.72	4.35	5.41	3.97	4.05
23	4.05	6.38	5.44	5.06	7.26	5.74	5.84	4.51	5.01	4.91	3.95	3.98
24	4.30	7.70	6.78	4.97	6.45	5.37	5.50	4.41	5.38	4.78	3.91	3.91
25	4.52	7.07	7.28	10.12	6.46	5.72	6.54	4.59	9.54	5.49	5.60	3.81
26	6.65	7.49	6.45	10.35	8.47	5.22	5.82	4.11	11.98	4.30	4.97	3.72
27	6.10	10.22	5.34	9.79	8.19	5.12	---	4.03	11.13	4.18	5.68	4.36
28	5.76	---	5.38	10.65	7.89	5.69	---	4.44	13.92	4.16	7.24	4.42
29	5.71	---	6.28	9.47	7.11	5.90	---	4.11	13.44	4.10	8.81	3.72
30	4.64	---	7.35	8.41	---	5.24	---	4.05	13.20	4.05	7.87	3.71
31	4.40	---	7.69	6.90	---	5.80	---	7.53	---	4.21	7.27	---
MEAN	4.55	---	---	6.59	10.02	8.63	---	---	6.48	6.45	4.64	4.29
MAX	6.65	---	---	10.65	19.03	16.45	---	---	13.92	11.14	8.81	6.18

02436500 TOWN CREEK NEAR NETTLETON, MS

LOCATION.--Lat 34°03'33", long 88°37'41", in NW1/4 NW1/4 sec.12, T.12 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160102, near right bank on downstream side of downstream 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 1, 1947, at datum 10.00 ft higher.

REMARKS.--Estimated daily discharges: Nov. 24 - Dec. 2 and Dec. 28-30. 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)
Feb. 5	2100	*29,400	*26.78	Jun. 25	0800	24,800	25.10
Mar. 6	0415	27,600	26.34				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	229	278	e632	795	561	1160	359	221	1090	2100	147	162
2	208	252	e615	792	537	5710	320	267	522	1620	144	140
3	192	232	630	679	621	2000	291	247	592	1650	129	128
4	180	211	2500	614	541	1200	273	209	2360	1330	119	144
5	166	233	1140	916	17400	4820	252	186	700	896	111	158
6	158	228	778	734	15700	18300	242	167	422	743	105	120
7	162	214	631	544	4350	3930	240	154	1770	1240	100	109
8	156	206	551	516	2950	2290	341	142	828	1860	95	102
9	143	197	509	1230	2190	1670	349	132	369	859	92	99
10	270	192	2100	845	2640	1240	364	127	281	647	95	95
11	313	188	1120	636	1950	1010	979	127	240	478	91	92
12	207	186	737	557	4500	865	2030	121	206	376	89	123
13	169	239	655	525	2090	760	2550	121	183	374	98	1320
14	161	221	823	512	1410	685	1440	173	2350	354	93	368
15	155	207	675	473	6390	1520	853	6220	1510	2930	84	191
16	144	427	581	438	3100	3980	645	2440	1120	1130	80	464
17	181	455	525	462	1670	1490	525	1230	931	1360	83	584
18	218	2540	466	2320	1250	982	448	1330	1200	759	79	191
19	166	3010	422	1220	1010	806	391	704	599	553	78	141
20	144	1270	421	748	854	684	347	506	408	399	86	123
21	137	808	429	622	756	692	319	400	328	329	173	112
22	127	648	412	553	636	558	297	326	283	272	107	106
23	120	555	1300	482	566	496	379	271	459	242	94	103
24	114	e3200	1730	468	535	455	322	232	726	216	142	101
25	109	e1480	826	7800	555	420	277	201	16800	206	692	98
26	4730	e1250	595	2890	3980	392	356	180	7590	228	211	95
27	1370	e930	522	1480	1510	373	324	164	3280	211	134	91
28	703	e710	e490	1030	905	360	245	627	3780	185	994	88
29	489	e680	e3130	821	726	363	217	436	4840	164	618	89
30	385	e662	e1680	715	---	490	223	214	4450	150	264	86
31	322	---	916	623	---	439	---	4480	---	142	197	---
TOTAL	12328	21909	28541	33040	81883	60140	16198	22355	60217	24003	5624	5823
MEAN	398	730	921	1066	2824	1940	540	721	2007	774	181	194
MAX	4730	3200	3130	7800	17400	18300	2550	6220	16800	2930	994	1320
MIN	109	186	412	438	535	360	217	121	183	142	78	86
CFSM	0.64	1.18	1.48	1.72	4.55	3.13	0.87	1.16	3.24	1.25	0.29	0.31
IN.	0.74	1.31	1.71	1.98	4.91	3.61	0.97	1.34	3.61	1.44	0.34	0.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

MEAN	187	710	1407	1686	1965	2125	1545	1048	531	364	189	227
MAX	1390	6074	8062	6105	5740	6215	5434	8377	3924	2512	1381	2208
(WY)	2002	1958	1983	1949	1948	1975	1991	1991	1997	1940	1967	1958
MIN	3.97	14.7	40.3	66.6	294	240	105	63.6	19.0	22.4	7.12	5.39
(WY)	1944	1954	1966	1956	2000	1954	1986	1943	1988	1942	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	428394		372061			
ANNUAL MEAN	1174		1017		994	
HIGHEST ANNUAL MEAN					2342	1991
LOWEST ANNUAL MEAN					306	1954
HIGHEST DAILY MEAN	21500	May 6	18300	Mar 6	95300	Mar 22 1955
LOWEST DAILY MEAN	67	Sep 20	78	Aug 19	1.0	Sep 14 1942
ANNUAL SEVEN-DAY MINIMUM	81	Sep 14	83	Aug 14	1.6	Oct 8 1942
MAXIMUM PEAK FLOW			29400	Feb 5	151000	Mar 22 1955
MAXIMUM PEAK STAGE			26.78	Feb 5	33.88a	Mar 22 1955
ANNUAL RUNOFF (CFSM)	1.89		1.64		1.60	
ANNUAL RUNOFF (INCHES)	25.70		22.32		21.79	
10 PERCENT EXCEEDS	2540		2300		2190	
50 PERCENT EXCEEDS	540		463		210	
90 PERCENT EXCEEDS	159		120		22	

e Estimated
a To present datum.

02437100 TOMBIGBEE RIVER AT ABERDEEN LOCK AND DAM, MS

LOCATION.--Lat. 33°49'48", long 88°31'12" in NE1/4 SW1/4 sec. 22, T.14 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, 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 150.00 ft above NGVD 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.--Estimated daily discharges: Nov. 19,20 and Dec. 8-10. Records good above 1,000 ft^3/s and poor below due to variable backwater from Columbus Lock and Dam. Estimasted daily discharges are poor. 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. Satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1440	1650	6840	4050	2870	3530	1660	2140	4930	10900	792	2940
2	924	1500	4220	3690	3130	15800	2800	1810	3130	9330	2070	2340
3	769	826	4810	3380	3120	10500	1990	1520	3430	7810	1710	1830
4	1240	1910	7470	3220	2500	9000	1530	1630	8150	7220	1120	890
5	1660	769	5060	4390	21600	9980	1850	1390	3260	6300	1780	1780
6	1430	1150	4360	4660	50200	38300	1810	2010	2410	6760	890	909
7	912	1390	3430	2220	34200	23000	1320	1910	3640	7290	678	1150
8	744	594	e2820	3280	31500	19500	2350	1440	3050	7290	631	1040
9	725	1410	e3070	4080	19000	14100	2320	1800	1790	5150	659	277
10	1680	1010	e5370	3390	12400	10300	2510	1190	1370	3500	659	1010
11	1840	433	4950	3590	10100	7230	3900	858	1700	2540	659	596
12	996	888	4260	2660	12900	5350	6910	1450	838	2090	681	716
13	1410	1110	3300	2990	9860	4710	7090	904	1610	2760	991	3680
14	1340	668	3690	2390	8420	4070	6320	1800	4120	2400	701	1520
15	1400	1480	2970	2380	14500	5990	4990	10100	3900	6550	596	1290
16	558	1860	3400	3140	13400	12100	4220	7630	4360	3840	635	3880
17	1720	2700	2460	2680	9230	8220	3050	4840	4180	5820	660	3560
18	1740	5510	2400	6680	8860	5980	3970	4760	4470	4570	700	2260
19	1850	e11000	2550	4960	8600	5810	2010	3570	2620	4490	616	1850
20	2030	e5000	1830	3450	5830	5120	2220	2610	2270	3370	961	1270
21	1580	5180	2550	2910	4940	4500	2150	2490	1420	3420	1290	620
22	1070	4670	2140	2570	4440	4250	1490	1880	1380	1800	600	1080
23	995	3520	3620	2230	4460	2960	2540	1210	2290	1450	1380	884
24	1370	7250	5550	2350	3570	2720	2430	1340	3030	1480	1510	956
25	1710	4930	4710	16500	3580	2730	3330	1710	16400	2590	2860	1910
26	9770	4800	3350	12500	9970	2400	2580	857	21200	954	2300	490
27	4310	15600	2590	8170	6950	2260	1820	825	11300	769	2230	234
28	2720	20800	2680	8350	5310	2470	2250	1680	15300	881	4970	173
29	2700	9890	4060	7170	4440	2700	1160	2170	15000	739	6070	807
30	1590	9540	7520	5430	---	2340	1950	1830	17200	703	5080	182
31	1820	---	5420	3800	---	2780	---	11700	---	1230	4210	---
MEAN	1808	4301	3982	4621	11380	8087	2884	2679	5658	4064	1635	1404
MAX	9770	20800	7520	16500	50200	38300	7090	11700	21200	10900	6070	3880
MIN	558	433	1830	2220	2500	2260	1160	825	838	703	596	173
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2004, BY WATER YEAR (WY)												
MEAN	1585	2758	5822	6150	7792	7054	5367	5086	3467	1969	1294	1192
MAX	4594	8154	15520	13090	17580	11750	16630	29390	14180	10680	3496	3711
(WY)	2003	1987	1991	1999	1991	1995	1991	1991	1997	1989	2003	2002
MIN	474	814	1136	978	1951	2571	929	853	479	411	349	220
(WY)	1988	2000	2000	1986	2000	1985	1986	1988	1988	1984	1984	1984

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1984 - 2004	
ANNUAL MEAN	4940		4346		4137	
HIGHEST ANNUAL MEAN					8424	1991
LOWEST ANNUAL MEAN					1781	1988
HIGHEST DAILY MEAN	37900	May 7	50200	Feb 6	103000	May 28 1991
LOWEST DAILY MEAN	346	Sep 17	173	Sep 28	77	Jun 15 1985
ANNUAL SEVEN-DAY MINIMUM	573	Sep 11	679	Sep 24	138	Sep 16 1984
MAXIMUM PEAK FLOW			53800	Feb 6	123000	Mar 18 1973
MAXIMUM PEAK STAGE			28.48	Feb 6	45.02	Mar 18 1973
10 PERCENT EXCEEDS	11600		9800		9610	
50 PERCENT EXCEEDS	2960		2670		1970	
90 PERCENT EXCEEDS	998		834		553	

e Estimated

02439400 BUTTAHATCHEE RIVER NEAR ABERDEEN, MS

LOCATION.--Lat 33°47'24", long 88°18'55", in NW1/4 SW1/4 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, 10.1 mi downstream from Sipsey Creek, 13.7 mi southeast of Aberdeen, and 28.6 mi upstream from the mouth.

DRAINAGE AREA.--798 mi^2.

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 above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: Oct. 14,15, 19-23 and Nov. 3-6. Records good except for estimated daily discharges, which are poor. Satellite telemeter and 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)
Feb. 7	1900	*34,500	*19.34	Mar. 8	0600	12,100	16.31
Feb. 18	0100	6,200	14.28				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	447	483	4560	1830	1350	1850	891	605	1980	2220	608	447
2	403	439	2270	1470	1230	2690	860	712	2400	1750	1610	403
3	372	e430	1480	1340	1170	4180	817	706	1730	1290	1580	359
4	354	e422	1410	1260	1190	8200	787	689	1990	1080	797	418
5	337	e418	1630	1350	1880	7420	760	608	1970	1430	599	447
6	328	e416	1620	1670	7820	5830	733	544	1230	1710	518	399
7	321	409	1340	1740	25800	7120	715	501	843	1530	485	347
8	323	404	1170	1430	21100	10400	730	463	804	2200	418	297
9	321	390	1080	1360	8960	6610	850	432	714	3150	350	265
10	380	360	1250	1460	5560	4100	950	406	602	2690	333	242
11	466	347	1790	1400	3930	3020	929	386	517	1230	324	227
12	487	342	2080	1220	3450	2340	1080	375	486	842	319	214
13	439	345	1690	1120	3430	1930	1170	364	445	697	346	211
14	e402	365	1420	1060	3840	1690	1300	407	425	625	305	237
15	e378	394	1350	1020	4150	1550	1230	619	436	544	268	363
16	336	406	1240	987	3960	1660	1020	763	500	472	240	461
17	339	769	1130	944	5070	2220	902	898	782	693	219	1540
18	474	1500	1090	1040	5410	2720	830	720	818	843	208	2150
19	e523	1540	1020	1470	3730	2240	776	621	650	739	202	2490
20	e480	1930	957	1620	2740	1720	733	507	577	544	204	1320
21	e454	1910	899	1290	2170	1480	704	446	459	430	294	739
22	e400	1350	859	1130	1880	1350	683	405	408	362	636	585
23	e350	1050	869	1040	1640	1210	661	363	448	315	471	497
24	339	1050	1070	994	1480	1110	638	330	627	281	411	444
25	323	1470	1420	1460	1390	1040	623	307	1100	265	434	398
26	407	1600	1260	2460	1640	993	619	287	1690	251	1120	365
27	890	1610	1070	3430	2220	957	664	271	2330	231	1390	337
28	1070	2400	985	4370	2700	923	686	264	2290	238	879	314
29	799	3280	1020	3150	2470	896	591	307	2130	280	712	295
30	633	4480	1530	1830	---	874	552	441	2150	255	601	278
31	585	---	2050	1520	---	869	---	1040	---	223	507	---
TOTAL	14160	32309	44609	49465	133360	91192	24484	15787	33531	29410	17388	17089
MEAN	457	1077	1439	1596	4599	2942	816	509	1118	949	561	570
MAX	1070	4480	4560	4370	25800	10400	1300	1040	2400	3150	1610	2490
MIN	321	342	859	944	1170	869	552	264	408	223	202	211
MED	402	461	1260	1400	2740	1850	768	446	793	693	434	382
CFSM	0.57	1.35	1.80	2.00	5.76	3.69	1.02	0.64	1.40	1.19	0.70	0.71
IN.	0.66	1.51	2.08	2.31	6.22	4.25	1.14	0.74	1.56	1.37	0.81	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2004, BY WATER YEAR (WY)

MEAN	517	969	1927	2396	2423	2762	2272	1818	876	574	413	387
MAX	2349	2938	5698	4954	5459	6815	6130	8329	5020	1880	1267	1051
(WY)	1976	1978	1968	1974	1991	1980	1991	1991	1997	1994	2003	1979
MIN	77.0	275	380	519	615	703	461	315	136	163	98.2	81.6
(WY)	2001	1988	2000	1986	2000	1988	1986	1992	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1966 - 2004	
ANNUAL TOTAL	669970		502784			
ANNUAL MEAN	1836		1374		1441	
HIGHEST ANNUAL MEAN					2747	1991
LOWEST ANNUAL MEAN					503	1988
HIGHEST DAILY MEAN	20300	May 8	25800	Feb 7	63900	Mar 17 1973
LOWEST DAILY MEAN	270	Sep 20	202	Aug 19	56	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	294	Sep 15	234	Aug 15	59	Sep 2 2000
MAXIMUM PEAK FLOW			34500	Feb 7	80000	Mar 17 1973
MAXIMUM PEAK STAGE			19.34	Feb 7	23.48	Mar 17 1973
INSTANTANEOUS LOW FLOW			197	Aug 20	54	Sep 6 2000
ANNUAL RUNOFF (CFSM)	2.30		1.72		1.81	
ANNUAL RUNOFF (INCHES)	31.23		23.44		24.53	
10 PERCENT EXCEEDS	3680		2480		3110	
50 PERCENT EXCEEDS	1060		843		763	
90 PERCENT EXCEEDS	401		323		224	

e Estimated

02440500 CHUQUATONCHEE CREEK NEAR WEST POINT, MS

LOCATION.--Lat 33°36'26", Long 88°42'33", in NW1/4 NE1/4 sec.18, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, at bridge on State Highway 50, 3.0 mi west of West Point.

DRAINAGE AREA.--505 mi^2.

PERIOD OF RECORD.-- October 1943 to September 1946, October 1947 to September 1973, and April 1996 to current water year (discontined).

REVISED RECORDS.--WDR MS-98-1: Drainage area.

GAGE.--Water stage recorder. Datum of gage is 170.00 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Oct. 3-7,9,19-25, Nov. 10-16, Mar. 14,15,20-30 and Sept. 2,3,7-12. Records good except for periods of estimated daily discharges, which are poor. Satellite telemeter at station.

CORRECTIONS.--The maximum discharge for water year 2000 was 26,600 ft^3/s, Apr. 4, 2000, gage height, 20.93 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,900 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 30	0845	8,120	16.90	Mar. 8	0330	8,630	17.10
Feb. 7	1130	*12,400	*18.35				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	97	4610	685	289	543	182	108	1890	4990	52	67
2	53	83	1110	790	257	2900	165	119	2130	5120	63	e43
3	e49	74	422	900	256	3950	162	136	1140	3920	66	e37
4	e48	67	597	585	246	3960	155	120	826	1540	58	197
5	e44	65	784	820	1880	2000	141	95	761	563	55	68
6	e41	63	528	1020	7200	2630	132	85	353	395	53	55
7	e38	57	369	595	11700	5520	124	75	983	495	53	e42
8	49	54	291	388	9090	7950	145	69	1800	583	52	e36
9	e43	55	251	842	4970	4750	194	65	2250	543	52	e31
10	142	e53	614	1120	1710	1760	169	62	2920	341	52	e28
11	282	e47	1080	660	1550	864	579	63	1230	213	55	e27
12	141	e43	628	432	2480	650	1040	55	334	158	53	e26
13	81	e50	399	333	3020	533	1130	52	361	129	49	188
14	61	e49	502	289	3240	e531	1420	59	444	108	46	83
15	60	e43	497	273	2700	e541	1010	366	260	90	45	53
16	58	e48	364	247	3130	1280	499	1240	455	91	44	628
17	54	243	301	241	3940	1980	337	1530	1020	100	43	2370
18	49	408	261	1440	2580	1440	261	1300	1080	172	43	428
19	e43	1470	214	2210	888	642	215	657	742	155	42	107
20	e37	1660	183	1890	586	e454	187	322	303	101	42	63
21	e33	622	161	721	491	e408	165	215	190	81	42	41
22	e32	304	153	412	420	e364	147	159	142	67	45	33
23	e31	206	261	330	364	e326	132	122	129	59	114	28
24	e29	743	1130	317	350	e285	127	100	211	54	83	25
25	e27	1320	1020	1990	365	e244	121	84	1310	52	148	61
26	297	642	470	3270	1400	e222	120	74	2110	56	91	65
27	818	1330	323	5350	2410	e210	225	68	4420	83	91	62
28	612	2650	262	4300	2490	e199	163	61	6870	78	112	60
29	278	4670	425	1080	971	e194	114	134	6040	66	92	58
30	177	7680	1430	437	---	e192	111	331	6420	58	91	56
31	125	---	1450	342	---	191	---	1310	---	54	111	---
TOTAL	3891	24896	21090	34309	70973	47713	9672	9236	49124	20515	2038	5066
MEAN	126	830	680	1107	2447	1539	322	298	1637	662	65.7	169
MAX	818	7680	4610	5350	11700	7950	1420	1530	6870	5120	148	2370
MIN	27	43	153	241	246	191	111	52	129	52	42	25
MED	53	90	425	685	1710	543	165	108	1000	108	53	57
CFSM	0.25	1.64	1.35	2.19	4.85	3.05	0.64	0.59	3.24	1.31	0.13	0.33
IN.	0.29	1.83	1.55	2.53	5.23	3.51	0.71	0.68	3.62	1.51	0.15	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2004, BY WATER YEAR (WY)

MEAN	110	345	974	1478	1879	1809	1321	745	374	276	105	140
MAX	1177	4459	5071	4927	5088	4970	4060	3106	2978	1794	709	2096
(WY)	1958	1958	1962	1949	1948	1973	1964	1997	1997	1963	2003	1950
MIN	0.00	0.00	7.87	19.0	167	233	123	42.9	11.3	10.6	0.00	0.00
(WY)	1953	1954	1944	1956	2000	1954	1967	1965	1965	1969	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1944 - 2004	
ANNUAL TOTAL	397784		298523			
ANNUAL MEAN	1090		816		791	
HIGHEST ANNUAL MEAN					1371	1962
LOWEST ANNUAL MEAN					249	1954
HIGHEST DAILY MEAN	15200	May 8	11700	Feb 7	48400	Mar 17 1973
LOWEST DAILY MEAN	14	Sep 20	25	Sep 24	0.00	Oct 6 1943
ANNUAL SEVEN-DAY MINIMUM	18	Sep 15	33	Oct 19	0.00	Oct 6 1943
MAXIMUM PEAK FLOW			12400	Feb 7	57100	Mar 17 1973
MAXIMUM PEAK STAGE			18.35	Feb 7	24.58	Mar 17 1973
INSTANTANEOUS LOW FLOW			24	Sep 24	0.00	Oct 6 1943
ANNUAL RUNOFF (CFSM)	2.16		1.62		1.57	
ANNUAL RUNOFF (INCHES)	29.30		21.99		21.28	
10 PERCENT EXCEEDS	3410		2290		2290	
50 PERCENT EXCEEDS	291		244		108	
90 PERCENT EXCEEDS	47		48		2.4	

e Estimated

02441390 TOMBIGBEE RIVER AT STENNIS LOCK AND DAM, MS
(Formerly published as Tombigbee River at Columbus Lock and Dam, near Columbus, MS)

LOCATION.--Lat 33°31'03", long 88°29'22", 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to April 1, 1982, water-stage recorder at site 4.1 mi downstream at datum 28.91 ft higher (see 02441500 Tombigbee River at Columbus). Water-stage recorder for Tombigbee River at Columbus (station 02441500) is used as base gage for this station when tail water gage-heights exceed 63 ft.

REMARKS.--Estimated daily discharges: Oct. 17-21, Feb. 12, Mar. 1,19, May 15,29, Jun. 18,19,21,26, Jul. 3,5,7,12, Aug. 1,12,16,20-26 and Sept. 10,11,18,23,24,26. Records good 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. Satellite telemeter at station.

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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2420	1780	19800	8070	4500	e7300	2490	2270	11200	28700	e1320	3100
2	1730	2010	14500	7560	5370	33400	3970	3470	8420	20500	2080	2230
3	1100	1640	8010	6850	4850	32500	3520	2050	9390	e17400	3200	1800
4	1400	2250	9880	5850	3820	24700	2710	2450	13000	13500	3030	1700
5	2240	1400	8950	9040	28000	24200	2440	2380	6810	e9140	2460	2230
6	2010	1900	6590	8190	76900	57200	2880	2420	4300	9630	757	1750
7	1360	1910	5570	5460	68300	51900	2220	2620	15100	e11500	1120	963
8	1200	1280	4400	5830	69800	37600	3640	1310	13700	12500	1080	1380
9	1210	2100	4580	8260	58300	39000	3440	2270	5930	11400	1290	914
10	4000	1160	8900	7750	34500	24900	3450	1760	5440	7800	1250	e1210
11	3010	1640	8720	6440	20800	12400	5190	1430	4600	6050	1100	e807
12	1630	1010	8030	4660	e28000	9600	8760	1750	1980	e3900	e1010	934
13	1540	1710	5900	4100	22100	7570	8890	1640	2480	4260	1440	7470
14	1810	1180	6120	4160	18400	6490	9880	2230	7210	2810	1140	1970
15	2150	1260	5040	3550	29900	7160	8180	e9760	4640	6320	660	1090
16	914	3570	5490	4350	30700	14100	5640	11500	6320	4490	e880	7970
17	e580	4240	3950	3400	20400	12500	4120	8140	8940	6500	737	16100
18	e2900	7660	3950	10900	19600	10500	4310	8640	e8430	4530	782	e6350
19	e980	17800	3670	11000	16500	e8930	3620	5040	e4810	5560	893	4200
20	e4800	10600	2820	8710	11200	7990	2470	3570	3800	3730	e949	3290
21	e2900	8290	3140	6940	8890	6600	3260	2890	e1750	3970	e1920	2160
22	1760	6090	3230	4390	7540	5120	2010	2190	2220	2370	e1660	1730
23	1160	5090	4780	3420	6820	4380	3000	1560	2450	1910	e1810	e1630
24	2180	10100	9140	4100	6190	3790	3150	1940	5070	1980	e1950	e1170
25	1420	8780	8050	24100	5720	4260	4030	1580	19800	2970	e3940	2180
26	10100	7610	5580	26200	15800	4010	3100	1280	e31400	1670	e3150	e1530
27	6140	23200	4360	16700	15500	3460	2550	946	25000	1320	3260	862
28	4590	36800	4340	18100	12700	3490	2570	1850	31300	1090	4380	583
29	3490	20800	5730	16100	10300	3690	2050	e2480	34200	1380	7000	1260
30	2240	17900	14300	9380	---	3390	2510	2050	42900	1050	4960	414
31	3040	---	9740	6530	---	3740	---	17400	---	1780	4340	---
TOTAL	78004	212760	217260	270090	661400	475870	120050	112866	342590	211710	65548	80977
MEAN	2516	7092	7008	8713	22810	15350	4002	3641	11420	6829	2114	2699
MAX	10100	36800	19800	26200	76900	57200	9880	17400	42900	28700	7000	16100
MIN	580	1010	2820	3400	3820	3390	2010	946	1750	1050	660	414
CFSM	0.57	1.60	1.58	1.96	5.14	3.46	0.90	0.82	2.57	1.54	0.48	0.61
IN.	0.65	1.78	1.82	2.26	5.54	3.99	1.01	0.95	2.87	1.77	0.55	0.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2004, BY WATER YEAR (WY)

MEAN	2393	4384	11970	12150	15030	13270	11760	10460	5818	3135	1954	1741
MAX	7208	12940	36640	26290	33900	22820	37260	56740	24690	12310	6482	5805
(WY)	2003	1987	1983	1989	1991	1995	1983	1991	1997	1994	2003	2002
MIN	585	483	1360	1799	2970	4308	1613	1284	626	901	574	305
(WY)	1988	1982	2000	1986	2000	1985	1986	1992	1988	2000	1999	1984

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1982 - 2004	
ANNUAL TOTAL	3501822		2849125			
ANNUAL MEAN	9594		7784		7805	
HIGHEST ANNUAL MEAN					15970	1991
LOWEST ANNUAL MEAN					2742	1988
HIGHEST DAILY MEAN	67800	May 8	76900	Feb 6	166000	May 29 1991
LOWEST DAILY MEAN	468	Sep 2	414	Sep 30	120	Sep 25 1984
ANNUAL SEVEN-DAY MINIMUM	907	Sep 12	863	Aug 14	170	Oct 20 1981
MAXIMUM PEAK FLOW			80700	Feb 6	194000	Mar 19 1973
MAXIMUM PEAK STAGE			57.52	Feb 7	42.22	Mar 19 1973
ANNUAL RUNOFF (CFSM)	2.16		1.75		1.76	
ANNUAL RUNOFF (INCHES)	29.34		23.87		23.88	
10 PERCENT EXCEEDS	23100		18800		19000	
50 PERCENT EXCEEDS	4770		4180		3210	
90 PERCENT EXCEEDS	1480		1260		731	

e Estimated

02441500 TOMBIGBEE RIVER AT COLUMBUS, MS

LOCATION.--Lat 33°29'26", long 88°25'57", in NE1/4 NE1/4 sec.29, 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 Stennis 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 NGVD of 1929. Prior to Nov. 7, 1934, nonrecording gage at various sites within 0.2 mi of present site, at datum 4.00 ft higher prior to Mar. 13, 1934, and at present datum thereafter. Mar. 3, 1941 to Sept. 30, 1968, auxiliary nonrecording at gage site 3.7 mi upstream at different datum. Oct. 1, 1968, to Sept. 30, 1971, auxiliary nonrecording gage 2.1 mi upstream from base gage at datum 128.82 ft above 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. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 194,000 ft^3/s, March 19, 1973, gage height, 42.22 ft, site and datum then in use, minimum daily discharge, 120 ft^3/s, Sept. 25, 1984.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1892, the greatest since at least 1867, reached an elevation of 173.0 ft above 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, 26.92 ft, Feb.7, minimum daily, 7.72 ft, July 27.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.27	8.14	11.8	8.88	8.40	8.97	7.93	8.00	9.59	14.30	7.96	8.06
2	8.20	8.10	10.3	8.90	8.55	13.69	8.24	8.02	9.06	12.27	8.04	8.10
3	8.03	8.07	9.15	8.67	8.35	15.41	8.17	7.84	9.21	11.13	8.13	7.95
4	8.09	8.15	---	8.49	8.32	13.55	8.11	7.89	9.95	---	8.14	7.98
5	8.15	8.08	---	9.00	11.93	13.17	8.01	7.91	8.73	---	8.00	8.01
6	8.14	8.08	---	8.95	24.89	19.12	8.13	7.93	8.32	---	7.76	8.03
7	8.07	8.08	---	8.65	26.06	20.02	8.06	7.90	10.32	9.56	7.90	7.86
8	8.00	8.04	---	8.63	26.28	17.05	8.19	7.86	10.46	9.57	7.90	7.82
9	8.02	8.13	---	8.87	24.16	16.69	8.15	8.01	8.48	9.60	7.95	7.91
10	---	8.03	---	8.96	16.74	13.59	8.13	7.96	8.43	8.87	7.95	7.99
11	---	8.10	9.10	8.65	12.67	10.00	8.22	8.06	8.26	8.62	7.97	7.93
12	---	8.08	8.93	8.53	13.80	9.46	8.81	8.01	7.99	8.12	7.81	7.93
13	---	7.97	8.57	8.32	13.26	8.87	8.88	7.99	8.15	8.15	7.94	8.72
14	---	7.92	8.55	8.34	11.90	8.74	9.02	8.08	8.70	8.12	7.96	8.02
15	---	8.00	8.48	8.16	14.10	8.72	8.81	9.05	8.32	8.41	7.91	7.95
16	8.04	8.22	8.47	8.29	15.18	9.90	8.43	9.43	8.43	8.16	8.00	8.47
17	8.11	8.27	8.33	8.23	12.82	9.84	8.25	8.68	8.43	8.40	7.94	10.32
18	8.06	8.91	8.20	9.34	12.17	9.32	8.29	8.62	8.79	8.19	7.93	8.58
19	8.01	10.97	8.19	9.42	11.33	9.02	8.07	8.17	8.30	8.30	8.01	8.26
20	8.13	9.52	8.15	8.90	9.78	8.79	7.97	8.08	8.11	8.04	7.94	8.19
21	8.12	8.93	8.22	8.69	9.07	8.43	8.17	8.02	7.86	8.13	8.04	8.09
22	8.05	8.63	8.29	8.35	8.85	8.27	8.08	8.10	7.94	7.84	8.03	8.04
23	8.03	8.41	8.45	8.24	8.68	8.21	8.14	7.98	8.08	7.95	8.08	7.93
24	8.12	9.15	9.00	8.31	8.57	8.27	8.01	8.04	8.37	7.92	7.99	7.94
25	8.05	9.20	8.80	11.72	8.55	8.24	8.23	8.02	10.49	7.95	8.27	8.09
26	9.15	8.72	8.46	13.44	10.91	8.21	8.00	8.10	13.49	7.83	8.17	7.89
27	8.58	11.47	8.28	10.89	11.13	8.09	7.95	8.06	12.56	7.72	8.14	7.81
28	8.38	15.76	8.39	11.06	10.27	8.16	7.92	8.08	14.67	7.92	8.21	7.94
29	8.24	13.18	8.53	10.68	9.77	8.15	7.94	8.09	15.27	7.93	8.58	7.93
30	8.19	11.56	10.26	9.17	---	8.12	7.98	8.10	16.73	7.95	8.34	7.78
31	8.27	---	9.23	8.66	---	8.00	---	10.71	---	8.03	8.25	---
MEAN	---	9.06	---	9.14	12.98	10.78	8.21	8.22	9.72	---	8.04	8.12
MAX	---	15.76	---	13.44	26.28	20.02	9.02	10.71	16.73	---	8.58	10.32
MIN	---	7.92	---	8.16	8.32	8.00	7.92	7.84	7.86	---	7.76	7.78
MED	---	8.19	---	8.69	11.33	8.97	8.14	8.04	8.59	---	8.00	7.98

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS

LOCATION.--Lat 33°30'51", long 88°23'43", 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.

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 NGVD of 1929. Prior to Nov. 3, 1974, nonrecording gage at same site. September 1928 to September 1930 at undetermined datum, but believed to be same as present datum.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter and 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)
Feb. 8	1445	*18,200	*20.58	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	287	572	2750	1830	998	2000	607	521	1230	3180	452	649
2	263	476	2050	1480	917	2290	600	614	1970	2780	836	508
3	249	426	1530	1280	871	3150	577	687	1870	2160	977	397
4	242	397	1530	1110	857	3940	555	724	1930	1700	654	322
5	233	393	1600	1380	1260	3500	527	653	2120	1500	434	274
6	230	403	1670	1750	6890	3980	506	542	1840	1270	314	313
7	232	424	1450	2040	14500	5560	486	452	1780	1310	253	309
8	231	442	1250	1730	17400	6760	509	390	1640	1650	228	272
9	235	425	1080	1750	9690	4790	530	342	1050	2030	208	233
10	416	398	1410	1750	3690	3360	550	310	841	2120	192	203
11	628	376	1710	1680	2820	2610	685	293	578	1830	240	183
12	800	361	1990	1450	3020	2150	970	275	477	1210	444	170
13	756	348	1690	1280	3260	1810	1270	272	497	878	425	172
14	570	335	1550	1110	3360	1540	1280	285	756	702	323	195
15	433	331	1380	1010	3290	1340	1160	418	926	611	252	184
16	365	456	1250	940	3590	1300	954	489	1180	521	214	245
17	337	755	1110	896	4130	1340	781	450	1160	475	190	1100
18	351	1030	1000	1070	3350	1320	659	396	969	650	169	1360
19	407	1610	908	1270	2740	1200	573	359	837	702	158	1850
20	491	1820	828	1350	2250	1070	515	346	776	633	150	1500
21	464	1760	765	1220	1910	968	476	323	629	506	147	888
22	394	1330	713	1060	1690	881	444	283	498	402	272	529
23	347	1040	733	924	1530	817	423	252	433	337	308	373
24	316	995	977	849	1420	771	408	227	437	293	358	302
25	292	1070	1100	1290	1360	733	394	209	683	263	529	262
26	430	1020	1130	1810	2250	700	426	194	1060	237	439	237
27	772	1920	1020	2330	2670	677	511	183	1690	231	442	218
28	1310	3020	898	1970	2780	658	669	178	2790	228	444	202
29	1240	4280	898	1640	2320	639	623	180	3730	226	581	191
30	1040	3510	1530	1370	---	624	563	182	3420	225	918	180
31	806	---	1870	1130	---	611	---	736	---	227	949	---
TOTAL	15167	31723	41370	43749	106813	63089	19231	11765	39797	31087	12500	13821
MEAN	489	1057	1335	1411	3683	2035	641	380	1327	1003	403	461
MAX	1310	4280	2750	2330	17400	6760	1280	736	3730	3180	977	1850
MIN	230	331	713	849	857	611	394	178	433	225	147	170
MED	394	524	1250	1350	2740	1340	559	342	1060	650	323	273
AC-FT	30080	62920	82060	86780	211900	125100	38140	23340	78940	61660	24790	27410
CFSM	0.68	1.48	1.87	1.97	5.15	2.85	0.90	0.53	1.86	1.40	0.56	0.64
IN.	0.79	1.65	2.15	2.28	5.56	3.28	1.00	0.61	2.07	1.62	0.65	0.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2004, BY WATER YEAR (WY)

MEAN	399	806	1377	1953	2042	2363	2015	1307	645	491	294	294
MAX	1675	3011	5840	3857	4650	6465	5671	7073	2886	1855	1201	1901
(WY)	1976	1930	1984	1979	1990	1980	1991	1991	1997	1994	1975	1979
MIN	60.6	139	268	463	501	461	308	154	55.8	70.4	49.7	44.5
(WY)	2001	1988	1988	1986	2000	1988	1986	1988	1988	2000	1988	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1929 - 2004	
ANNUAL TOTAL	556559		430112			
ANNUAL MEAN	1525		1175		1164	
HIGHEST ANNUAL MEAN					2277	1991
LOWEST ANNUAL MEAN					320	1988
HIGHEST DAILY MEAN	15700	Feb 23	17400	Feb 8	38000	Apr 14 1979
LOWEST DAILY MEAN	160	Sep 20	147	Aug 21	25	Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	173	Sep 15	183	Aug 15	29	Aug 14 1988
MAXIMUM PEAK FLOW			18200	Feb 8	40400	Apr 14 1979
MAXIMUM PEAK STAGE			20.58	Feb 8	32.35	Apr 14 1979
INSTANTANEOUS LOW FLOW			143	Aug 21	28	Sep 2 1988
ANNUAL RUNOFF (AC-FT)	1104000		853100		843300	
ANNUAL RUNOFF (CFSM)	2.13		1.64		1.63	
ANNUAL RUNOFF (INCHES)	28.96		22.38		22.12	
10 PERCENT EXCEEDS	3270		2300		2560	
50 PERCENT EXCEEDS	981		756		580	
90 PERCENT EXCEEDS	333		234		125	

02448000 NOXUBEE RIVER AT MACON, MS

LOCATION.--Lat 33°06'07", long 88°33'42", in NW1/4 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 old 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to May 31, 1932, nonrecording gage at site 40 ft downstream at different datum. Sept. 21, 1938 to Aug. 10, 1939, nonrecording gage at present site and datum.

REMARKS.--Estimated daily discharges: Oct. 18-22 and Nov. 3-7. Records good except for estimated daily discharges, which are poor. 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)
Feb. 7	0500	*18,300	*29.92	Mar. 8	0500	6,180	24.31

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	121	1470	1450	748	2170	265	283	282	3370	199	289
2	135	110	1480	1360	619	2080	257	383	337	3740	224	268
3	128	e112	1080	1110	534	2060	249	355	360	4490	197	239
4	127	e145	688	851	475	2140	241	277	344	4920	190	227
5	122	e180	979	1160	2000	2100	235	254	287	4530	193	234
6	112	e184	903	1560	11000	4900	227	248	258	3120	190	215
7	108	e174	775	1140	16300	5740	223	226	1180	1340	182	204
8	109	127	632	922	10100	6000	267	204	1400	881	175	192
9	110	111	514	1650	8290	4920	331	193	578	1520	174	190
10	548	105	803	1810	8220	3750	309	179	410	1880	183	187
11	734	102	990	1280	7410	2730	1080	167	332	1770	254	179
12	390	101	804	1120	6840	1590	1350	158	256	1610	208	173
13	288	99	705	936	6010	992	948	164	212	1180	186	168
14	276	96	744	762	4670	755	875	169	223	750	183	164
15	219	94	750	641	4420	639	788	170	229	512	191	162
16	253	100	624	551	4560	621	705	172	318	402	187	328
17	196	167	550	487	4400	625	578	253	488	339	180	1440
18	e141	345	482	766	3970	637	471	674	461	307	175	1620
19	e148	1170	418	873	3610	659	396	843	567	357	174	783
20	e186	984	370	862	3450	579	344	630	563	421	173	491
21	e197	671	328	863	2810	494	307	531	395	377	172	355
22	e154	630	297	732	1540	434	285	416	294	340	193	276
23	124	408	433	599	1120	393	267	331	243	301	228	226
24	125	289	1100	506	1390	365	257	256	265	271	388	190
25	118	397	933	1560	1820	331	253	207	268	248	368	162
26	144	402	755	2950	3900	299	285	178	266	246	197	145
27	151	2350	699	2190	3800	291	334	159	738	231	212	133
28	150	4020	563	1690	2740	289	285	144	2310	240	271	124
29	154	2990	955	1630	2160	281	288	139	2400	218	320	117
30	155	1690	2790	1390	---	276	281	143	2960	205	265	112
31	133	---	2100	985	---	277	---	170	---	205	239	---
TOTAL	6079	18474	26714	36386	128906	49417	12981	8676	19224	40321	6671	9593
MEAN	196	616	862	1174	4445	1594	433	280	641	1301	215	320
MAX	734	4020	2790	2950	16300	6000	1350	843	2960	4920	388	1620
MIN	108	94	297	487	475	276	223	139	212	205	172	112
CFSM	0.26	0.80	1.12	1.53	5.79	2.08	0.56	0.36	0.83	1.69	0.28	0.42
IN.	0.29	0.89	1.29	1.76	6.24	2.39	0.63	0.42	0.93	1.95	0.32	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2004, BY WATER YEAR (WY)

MEAN	193	439	1128	1931	2376	2403	2032	993	367	432	200	217
MAX	1970	2518	6913	8286	6013	6396	11290	6567	2046	5315	1335	2520
(WY)	1976	1958	1962	1974	1983	1980	1979	1991	1997	1940	1946	1979
MIN	32.1	46.4	78.3	69.5	136	286	118	93.9	57.3	53.6	34.4	28.4
(WY)	1944	1964	1944	1956	2000	2000	1963	1988	1988	1956	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1928 - 2004	
ANNUAL TOTAL	510659		363442			
ANNUAL MEAN	1399		993		1053	
HIGHEST ANNUAL MEAN					2666	1983
LOWEST ANNUAL MEAN					248	1963
HIGHEST DAILY MEAN	23100	Feb 23	16300	Feb 7	110000	Apr 13 1979
LOWEST DAILY MEAN	94	Nov 15	94	Nov 15	23	Aug 26 1943
ANNUAL SEVEN-DAY MINIMUM	100	Nov 10	100	Nov 10	25	Aug 24 1943
MAXIMUM PEAK FLOW			18300	Feb 7	125000	Apr 13 1979
MAXIMUM PEAK STAGE			29.92	Feb 7	38.97	Apr 13 1979
INSTANTANEOUS LOW FLOW			93	Nov 15	22	Aug 25 1943
ANNUAL RUNOFF (CFSM)	1.82		1.29		1.37	
ANNUAL RUNOFF (INCHES)	24.74		17.60		18.62	
10 PERCENT EXCEEDS	3850		2500		3170	
50 PERCENT EXCEEDS	510		350		239	
90 PERCENT EXCEEDS	140		147		60	

e Estimated

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE1/4 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 NGVD of 1929. Prior to Sept. 30, 1940, nonrecording gage at site of old highway bridge 1 mi downstream at datum 1.44 ft lower. July 26, 1944 to June 5, 1949, nonrecording gage at site on old river channel 1 mi south at same datum. June 6, 1949 to Sept. 30, 1984, at site on old river channel 1 mi south at same datum. Discharge includes flow of old river channel at bridge on State Highway 17, 1 mi south of gage.

REMARKS.--Records not available at this time. Records may be found in the "Water Resources Data, Alabama, Water Year 2004" (WDR AL-04-1).

02472000 LEAF RIVER NEAR COLLINS, MS

LOCATION.--Lat 31°42'25", long 89°24'25", in NE1/4 SW1/4 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 NGVD of 1929. Prior to Dec. 8, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: May 22-24 and Sept. 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 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)
Feb. 8	1215	*31,100	*28.16	Feb. 26	0400	8,230	16.55
Feb. 12	1215	12,400	19.89				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156	175	2100	3150	784	1670	428	570	2090	1710	379	171
2	153	172	778	1950	702	1350	391	1300	3600	4580	629	161
3	152	168	556	967	642	1220	370	1380	2700	6270	454	156
4	153	166	460	769	593	1120	354	1150	1920	6070	284	156
5	153	193	403	740	856	1040	341	652	1330	4360	238	156
6	153	220	363	1670	13400	2750	333	475	693	3020	223	168
7	156	219	335	3040	23100	4910	326	390	745	1650	211	222
8	162	199	317	2750	29700	6130	360	341	915	783	196	173
9	169	190	307	1720	18000	4210	345	308	947	877	184	151
10	174	189	317	2380	5130	2090	321	285	581	1620	309	141
11	180	183	332	2290	3770	1310	312	276	433	2120	321	135
12	178	176	322	1380	11300	954	332	339	366	1650	270	131
13	215	169	440	936	8530	830	386	496	327	812	230	e129
14	227	164	555	776	7000	752	441	550	312	526	195	e126
15	197	161	437	689	5680	718	404	588	440	428	176	134
16	182	163	411	629	4600	723	358	562	545	405	163	150
17	173	166	390	596	3720	694	322	717	494	512	155	162
18	169	206	339	1180	2440	646	297	703	458	635	150	154
19	166	372	306	2430	1690	598	280	730	421	551	146	133
20	164	359	283	2220	1410	562	267	706	369	430	151	122
21	161	380	268	1260	1230	529	259	662	328	356	175	122
22	158	319	258	872	1080	492	251	e484	288	314	299	121
23	158	256	273	722	1780	466	244	e340	280	291	437	118
24	157	248	402	639	4040	450	237	e280	306	286	385	116
25	155	268	458	1310	6170	441	469	262	357	258	256	113
26	325	258	509	3590	7840	432	2020	242	396	259	259	111
27	294	2580	404	4160	6690	420	2640	228	612	321	251	110
28	228	4290	339	3820	5670	407	2700	222	1220	357	227	108
29	209	5010	629	2090	3090	411	1680	227	1120	342	241	106
30	192	5120	2590	1320	---	555	1000	220	1280	272	204	105
31	181	---	3380	916	---	528	---	358	---	242	185	---
TOTAL	5650	22739	19261	52961	180637	39408	18468	16043	25873	42307	7983	4161
MEAN	182	758	621	1708	6229	1271	616	518	862	1365	258	139
MAX	325	5120	3380	4160	29700	6130	2700	1380	3600	6270	629	222
MIN	152	161	258	596	593	407	237	220	280	242	146	105
CFSM	0.25	1.02	0.84	2.30	8.38	1.71	0.83	0.70	1.16	1.84	0.35	0.19
IN.	0.28	1.14	0.96	2.65	9.04	1.97	0.92	0.80	1.30	2.12	0.40	0.21
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)												
MEAN	314	603	1142	1817	2399	2288	2074	1038	452	522	334	301
MAX	1955	3674	6085	5792	7841	5649	7455	4750	1609	4373	980	1487
(WY)	2003	1994	1962	1962	1990	1980	1974	1991	1989	1940	1960	2001
MIN	55.5	89.7	177	233	192	385	217	119	98.3	64.2	57.9	51.1
(WY)	2001	1957	1953	1956	2000	1955	1963	1963	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	426984		435491			
ANNUAL MEAN	1170		1190		1100	
HIGHEST ANNUAL MEAN					2291	1980
LOWEST ANNUAL MEAN					285	2000
HIGHEST DAILY MEAN	29300	Feb 24	29700	Feb 8	51000	Apr 14 1974
LOWEST DAILY MEAN	152	Oct 3	105	Sep 30	39	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	154	Oct 1	110	Sep 24	41	Sep 1 2000
MAXIMUM PEAK FLOW			31100	Feb 8	54200	Apr 14 1974
MAXIMUM PEAK STAGE			28.16	Feb 8	32.60	Apr 14 1974
INSTANTANEOUS LOW FLOW			103	Sep 30	38	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.57		1.60		1.48	
ANNUAL RUNOFF (INCHES)	21.38		21.80		20.12	
10 PERCENT EXCEEDS	2730		2830		2740	
50 PERCENT EXCEEDS	429		388		369	
90 PERCENT EXCEEDS	180		157		116	

e Estimated

02472500 BOUIE CREEK NEAR HATTIESBURG, MS

LOCATION.--Lat 31°25'33", long 89°24'53", in NW1/4 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Dec. 8, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Jan. 4,5,8,13,14 and July 18. Records good except for estimated 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)
Feb. 8	0930	6,350	15.82	Feb. 24	0330	5,600	14.87
Feb. 13	1330	*6,580	*16.13				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	147	144	301	441	230	510	209	190	1000	1360	189	186
2	147	142	245	292	215	470	205	351	2010	2340	191	175
3	144	140	225	248	205	433	207	556	1790	2490	245	166
4	144	138	210	e236	197	400	205	279	848	1530	248	218
5	146	141	200	e240	195	385	190	215	506	878	217	168
6	148	146	191	310	3070	670	187	194	331	478	206	156
7	150	144	183	277	4680	856	185	181	309	386	197	148
8	153	140	179	e237	5820	634	179	176	410	367	174	144
9	156	138	176	453	1940	494	178	166	311	324	153	141
10	159	138	177	525	607	372	177	161	260	479	191	139
11	164	137	181	341	701	335	175	158	238	355	295	137
12	164	138	182	263	4470	316	176	264	226	279	201	137
13	160	137	187	e237	6320	302	183	519	216	261	177	138
14	155	133	318	e219	4380	292	185	295	222	252	161	158
15	154	132	342	210	2240	285	179	239	245	238	152	196
16	152	133	238	205	1200	322	163	310	244	226	148	180
17	153	136	202	197	754	333	160	291	236	254	146	169
18	152	155	186	327	544	296	151	478	220	e268	143	153
19	150	241	176	385	443	273	149	419	224	241	142	143
20	149	226	170	285	391	261	153	310	206	223	143	140
21	148	182	166	239	357	250	151	242	203	219	152	137
22	147	159	163	212	328	243	150	209	196	210	163	137
23	147	151	168	200	2230	238	148	187	192	205	174	137
24	147	159	223	193	4810	229	146	173	204	242	205	136
25	148	175	237	291	4220	221	153	166	322	203	168	135
26	477	185	199	942	2830	224	605	160	443	188	159	134
27	289	970	179	696	1470	221	723	155	355	212	161	134
28	209	2010	172	455	825	214	305	152	392	211	155	134
29	168	1370	240	290	595	212	214	149	2110	198	226	133
30	153	599	918	249	---	219	202	155	2020	197	271	131
31	146	---	865	242	---	221	---	168	---	188	206	---
TOTAL	5226	8939	7799	9937	56267	10731	6393	7668	16489	15502	5759	4540
MEAN	169	298	252	321	1940	346	213	247	550	500	186	151
MAX	477	2010	918	942	6320	856	723	556	2110	2490	295	218
MIN	144	132	163	193	195	212	146	149	192	188	142	131
CFSM	0.55	0.98	0.83	1.05	6.38	1.14	0.70	0.81	1.81	1.64	0.61	0.50
IN.	0.64	1.09	0.95	1.22	6.89	1.31	0.78	0.94	2.02	1.90	0.70	0.56
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)												
MEAN	211	305	489	643	796	814	691	456	274	268	230	233
MAX	841	1343	1708	1867	3294	2216	3084	2219	734	1553	660	1082
(WY)	1986	1949	1962	1947	1961	1980	1974	1990	1997	1940	1949	1958
MIN	99.0	108	161	139	153	203	162	125	113	96.4	91.9	99.1
(WY)	2001	1957	2000	1957	2000	1955	1963	2000	2000	2000	2000	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	140982		155250			
ANNUAL MEAN	386		424		449	
HIGHEST ANNUAL MEAN					868	1949
LOWEST ANNUAL MEAN					172	2000
HIGHEST DAILY MEAN	7810	Feb 24	6320	Feb 13	33500	Apr 14 1974
LOWEST DAILY MEAN	132	Nov 15	131	Sep 30	83	Aug 29 1957
ANNUAL SEVEN-DAY MINIMUM	135	Nov 11	134	Sep 24	84	Aug 24 1957
MAXIMUM PEAK FLOW			6580	Feb 13	45500	Apr 14 1974
MAXIMUM PEAK STAGE			16.13	Feb 13	28.18	Apr 14 1974
INSTANTANEOUS LOW FLOW			128	Sep 30	83	Aug 29 1957
ANNUAL RUNOFF (CFSM)	1.27		1.40		1.48	
ANNUAL RUNOFF (INCHES)	17.25		19.00		20.07	
10 PERCENT EXCEEDS	736		698		860	
50 PERCENT EXCEEDS	231		206		228	
90 PERCENT EXCEEDS	150		144		133	

e Estimated

02472850 OKATOMA CREEK AT SANFORD, MS

LOCATION.--Lat 31°29'21", long 89°26'01", SE1/4 NE1/4 NE1/4 sec.18, T.6 N., R.14 W., 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 Sanford, 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 NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: March 4-5 and March 14-15. 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 (ft^3)	Gage Height (ft)	Date	Time	Discharge (ft^3)	Gage Height (ft)
Nov. 27	1600	3,390	13.11	Feb. 12	1630	4,950	15.64
Feb. 8	0530	*7,890	*20.13	Feb. 23	1800	3,500	13.28

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	121	125	814	1050	356	559	226	254	1490	856	166	138
2	120	125	397	689	332	536	214	1020	2240	2080	376	131
3	119	124	329	394	326	497	209	784	1630	1420	410	128
4	118	125	304	345	322	e445	202	363	1490	931	177	134
5	118	132	288	351	371	e435	200	252	1160	1040	156	127
6	121	145	264	449	3900	960	198	217	375	650	140	122
7	125	142	253	459	5150	1150	194	200	469	513	135	117
8	132	131	247	395	6770	999	193	176	462	363	133	114
9	136	126	245	676	2570	1110	208	165	301	360	130	111
10	141	125	265	689	1230	583	204	157	228	636	269	109
11	152	124	274	560	1230	396	190	159	195	311	223	108
12	149	123	259	424	4400	363	205	356	175	228	154	107
13	142	120	353	344	4360	344	235	480	164	204	143	107
14	138	115	692	308	3430	e330	223	363	166	193	134	110
15	133	114	446	289	2310	e387	197	265	251	176	127	115
16	129	117	332	273	1600	410	183	306	262	215	123	128
17	125	121	284	270	1100	382	175	336	241	697	120	132
18	125	179	258	527	767	326	170	427	214	331	118	112
19	124	308	246	671	607	302	165	284	351	252	118	106
20	124	306	234	604	535	287	163	277	263	190	120	103
21	122	206	222	454	485	276	163	255	185	168	135	101
22	124	158	219	358	436	259	159	197	165	155	163	101
23	120	142	261	324	2060	249	157	171	162	153	185	101
24	120	155	356	305	1960	244	155	159	174	226	242	102
25	120	196	359	738	2450	238	284	150	303	161	198	101
26	630	208	285	1340	2130	236	1550	144	391	164	189	98
27	292	2070	247	1150	1470	234	1070	139	354	163	182	94
28	227	2010	233	1000	980	227	829	137	1170	152	155	94
29	161	1500	606	533	652	235	476	147	1480	143	177	92
30	137	1430	1490	410	---	285	271	137	722	136	161	92
31	129	---	1170	386	---	251	---	307	---	137	150	---
TOTAL	4774	11002	12232	16765	54289	13535	9068	8784	17233	13404	5409	3335
MEAN	154	367	395	541	1872	437	302	283	574	432	174	111
MAX	630	2070	1490	1340	6770	1150	1550	1020	2240	2080	410	138
MIN	118	114	219	270	322	227	155	137	162	136	118	92
CFSM	0.60	1.43	1.54	2.10	7.28	1.70	1.18	1.10	2.24	1.68	0.68	0.43
IN.	0.69	1.59	1.77	2.43	7.86	1.96	1.31	1.27	2.49	1.94	0.78	0.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

MEAN	216	276	391	566	740	760	542	238	274	231	162	213
MAX	396	583	613	1520	1872	1664	1384	718	574	680	307	652
(WY)	2003	2003	2002	1998	2004	2001	1997	1997	2004	2003	2003	2001
MIN	68.8	122	165	300	150	316	151	98.8	87.7	62.5	65.7	73.4
(WY)	2001	2000	2000	2000	2000	2000	2001	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	160272		169830			
ANNUAL MEAN	439		464		382	
HIGHEST ANNUAL MEAN					496	2003
LOWEST ANNUAL MEAN					187	2000
HIGHEST DAILY MEAN	8030	Feb 24	6770	Feb 8	10900	Mar 4 2001
LOWEST DAILY MEAN	114	Nov 15	92	Sep 29	52	Jul 17 2000
ANNUAL SEVEN-DAY MINIMUM	119	Nov 11	96	Sep 24	55	Jul 13 2000
MAXIMUM PEAK FLOW			7890	Feb 8	11500	Mar 4 2001
MAXIMUM PEAK STAGE			20.13	Feb 8	23.65	Mar 4 2001
INSTANTANEOUS LOW FLOW			91	Sep 30	50	Jul 17 2000
ANNUAL RUNOFF (CFSM)	1.71		1.81		1.49	
ANNUAL RUNOFF (INCHES)	23.20		24.58		20.20	
10 PERCENT EXCEEDS	951		1100		832	
50 PERCENT EXCEEDS	245		236		194	
90 PERCENT EXCEEDS	130		120		99	

e Estimated

02473000 LEAF RIVER AT HATTIESBURG, MS

LOCATION.--Lat 31°20'35", long 89°16'49", 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Jan. 15, 1939, nonrecording gage at same site and datum. Jan. 15, 1939 to Apr. 14, 1981, recording gage in concrete house on left bank 450 ft downstream from U.S. Highway 11.

REMARKS.--No estimated daily discharges. Records good. 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)
Feb. 9	0600	*28,300	*20.43	Feb. 26	0100	18,100	16.24
Feb. 14	0100	23,700	18.82				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	695	723	6700	5380	1930	5250	1460	2100	4420	5140	1030	919
2	675	701	3280	4500	1720	3930	1330	2280	8420	7840	1160	842
3	663	684	2000	2860	1580	3450	1270	3520	8630	11300	1610	797
4	650	681	1630	1970	1490	3140	1250	2900	6210	9970	1410	845
5	648	705	1440	1810	1440	2920	1220	2190	4560	8570	1070	857
6	650	752	1300	2040	6240	3630	1200	1640	3000	7010	971	786
7	660	821	1200	3020	17000	6560	1180	1400	2040	6060	905	749
8	672	800	1130	4170	23800	7350	1170	1260	2210	3400	870	799
9	696	743	1100	3950	27200	7890	1220	1160	2190	3200	848	738
10	723	711	1090	3720	25100	5740	1250	1100	1930	3470	962	696
11	756	704	1110	3910	17200	3590	1200	1080	1510	3610	1470	676
12	770	694	1130	3300	15600	2730	1180	1260	1290	3370	1320	665
13	751	676	1150	2310	21700	2330	1240	3060	1180	2640	1080	658
14	751	651	1690	1860	21800	2140	1310	2410	1230	1830	959	647
15	767	636	2070	1660	15500	2030	1330	2050	1490	1490	873	697
16	718	633	1610	1530	10700	2070	1260	2150	1580	1490	817	834
17	685	645	1370	1490	8000	2120	1200	1960	1660	2630	780	820
18	665	752	1250	1790	6200	1970	1150	2710	1490	2230	756	768
19	654	1100	1130	2820	4520	1820	1100	2750	1550	1860	737	716
20	647	1370	1050	3810	3690	1720	1070	2390	1480	1550	738	657
21	639	1240	997	3180	3250	1630	1050	1990	1260	1320	805	616
22	628	1080	962	2170	2920	1550	1040	1730	1220	1180	860	602
23	618	964	963	1740	8310	1480	1020	1400	1100	1090	1130	596
24	608	885	1180	1540	14700	1420	1000	1230	1480	1160	1380	589
25	603	895	1410	1570	15700	1390	1040	1120	3180	1170	1350	584
26	1030	982	1410	4440	16400	1380	3200	1050	2510	1240	1060	573
27	1740	1960	1340	6260	13000	1360	5250	1000	2090	1480	1020	557
28	1300	9160	1180	6270	10400	1340	4600	961	2580	1300	1020	546
29	994	8770	1200	5060	8210	1320	3900	939	6370	1190	1210	537
30	840	7910	3610	3140	---	1370	2670	952	6680	1110	1250	527
31	764	---	5610	2350	---	1520	---	1040	---	1010	1080	---
TOTAL	23660	49028	54292	95620	325300	88140	49360	54782	86540	101910	32531	20893
MEAN	763	1634	1751	3085	11220	2843	1645	1767	2885	3287	1049	696
MAX	1740	9160	6700	6270	27200	7890	5250	3520	8630	11300	1610	919
MIN	603	633	962	1490	1440	1320	1000	939	1100	1010	737	527
CFSM	0.44	0.93	1.00	1.76	6.42	1.63	0.94	1.01	1.65	1.88	0.60	0.40
IN.	0.50	1.04	1.16	2.03	6.92	1.88	1.05	1.17	1.84	2.17	0.69	0.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	1028	1632	2877	4078	5126	5152	4578	2755	1472	1496	1153	1110
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	319	456	720	797	656	1221	825	544	451	327	342	321
(WY)	2001	1955	2000	1957	2000	1955	1963	1963	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	959120		982056			
ANNUAL MEAN	2628		2683		2692	
HIGHEST ANNUAL MEAN					5121	1980
LOWEST ANNUAL MEAN					851	2000
HIGHEST DAILY MEAN	31900	Feb 25	27200	Feb 9	110000	Apr 15 1974
LOWEST DAILY MEAN	603	Oct 25	527	Sep 30	247	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	628	Oct 19	559	Sep 24	260	Sep 1 2000
MAXIMUM PEAK FLOW			28300	Feb 9	121000	Apr 15 1974
MAXIMUM PEAK STAGE			20.43	Feb 9	34.03	Apr 15 1974
INSTANTANEOUS LOW FLOW			523	Sep 30	240	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.50		1.54		1.54	
ANNUAL RUNOFF (INCHES)	20.41		20.90		20.93	
10 PERCENT EXCEEDS	5440		6250		6190	
50 PERCENT EXCEEDS	1450		1340		1300	
90 PERCENT EXCEEDS	733		683		560	

02473000 LEAF RIVER AT HATTIESBURG, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.74	1.79	8.28	7.13	3.52	7.00	3.01	3.73	6.06	6.91	2.28	2.12
2	1.70	1.75	5.05	6.30	3.25	5.74	2.83	3.94	9.71	9.22	2.47	1.99
3	1.68	1.72	3.60	4.60	3.07	5.25	2.75	5.33	9.88	11.92	3.11	1.92
4	1.66	1.71	3.13	3.56	2.94	4.92	2.70	4.66	7.87	10.92	2.82	2.01
5	1.66	1.76	2.87	3.37	2.87	4.68	2.66	3.84	6.36	9.84	2.34	2.03
6	1.66	1.84	2.68	3.66	7.44	5.42	2.62	3.14	4.75	8.56	2.19	1.92
7	1.68	1.95	2.53	4.77	15.58	8.17	2.60	2.82	3.66	7.71	2.09	1.86
8	1.70	1.92	2.44	5.98	18.83	8.84	2.58	2.62	3.86	5.19	2.03	1.95
9	1.74	1.82	2.38	5.77	20.07	9.29	2.65	2.48	3.83	4.97	1.99	1.85
10	1.79	1.77	2.37	5.53	19.33	7.44	2.68	2.39	3.51	5.27	2.18	1.78
11	1.84	1.75	2.41	5.72	15.62	5.41	2.60	2.36	2.97	5.42	2.91	1.75
12	1.87	1.74	2.43	5.09	14.76	4.49	2.58	2.61	2.66	5.17	2.70	1.73
13	1.83	1.71	2.46	3.98	18.00	4.05	2.66	4.83	2.50	4.37	2.36	1.72
14	1.84	1.66	3.20	3.43	18.03	3.82	2.76	4.10	2.58	3.39	2.17	1.71
15	1.86	1.64	3.70	3.17	14.72	3.70	2.77	3.67	2.95	2.94	2.04	1.80
16	1.78	1.63	3.10	3.00	11.45	3.77	2.67	3.79	3.06	2.94	1.95	2.03
17	1.72	1.65	2.77	2.94	9.37	3.83	2.57	3.55	3.17	4.35	1.88	2.01
18	1.69	1.83	2.60	3.34	7.86	3.66	2.50	4.44	2.94	3.88	1.84	1.93
19	1.67	2.39	2.44	4.56	6.32	3.47	2.43	4.49	3.02	3.43	1.81	1.85
20	1.65	2.78	2.32	5.62	5.50	3.35	2.38	4.08	2.92	3.02	1.81	1.74
21	1.64	2.59	2.23	4.96	5.04	3.25	2.34	3.59	2.62	2.71	1.92	1.68
22	1.62	2.36	2.18	3.81	4.68	3.15	2.31	3.26	2.56	2.50	2.01	1.66
23	1.60	2.18	2.18	3.28	9.21	3.06	2.28	2.82	2.39	2.38	2.42	1.65
24	1.59	2.06	2.50	3.01	14.24	2.99	2.25	2.58	2.90	2.47	2.78	1.64
25	1.58	2.07	2.84	3.05	14.82	2.95	2.31	2.42	4.95	2.50	2.75	1.63
26	2.24	2.21	2.83	6.18	15.24	2.93	4.90	2.31	4.22	2.59	2.33	1.62
27	3.28	3.36	2.73	7.92	13.09	2.90	7.01	2.24	3.72	2.92	2.26	1.59
28	2.68	10.29	2.51	7.93	11.23	2.87	6.40	2.17	4.28	2.68	2.27	1.57
29	2.22	9.99	2.54	6.83	9.54	2.84	5.71	2.14	7.96	2.52	2.55	1.56
30	1.98	9.30	5.35	4.92	---	2.90	4.40	2.16	8.28	2.41	2.60	1.55
31	1.86	---	7.35	4.03	---	3.11	---	2.29	---	2.25	2.36	---
MEAN	1.84	2.77	3.16	4.76	10.88	4.49	3.10	3.25	4.40	4.75	2.30	1.79
MAX	3.28	10.29	8.28	7.93	20.07	9.29	7.01	5.33	9.88	11.92	3.11	2.12
MIN	1.58	1.63	2.18	2.94	2.87	2.84	2.25	2.14	2.39	2.25	1.81	1.55

02473460 TALLAHALA CREEK AT WALDRUP, MS

LOCATION.--Lat 31°57'58", long 89°06'54", in SW1/4 NW1/4 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 NGVD of 1929. 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)
Nov. 28	1016	2,400	18.10	Feb. 12	1346	2,990	18.58
Feb. 6	1516	*18,900	*23.17				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.3	10	90	151	69	216	39	67	537	541	15	12
2	8.9	10	63	96	61	200	36	374	489	776	14	10
3	8.6	9.8	50	78	57	181	33	146	178	692	9.7	9.2
4	8.7	9.4	46	69	51	167	30	55	73	184	8.1	274
5	8.6	13	40	84	62	151	29	36	44	71	7.5	211
6	8.4	21	35	313	9180	651	27	28	35	43	7.2	42
7	9.3	21	31	144	3720	1580	26	24	50	33	8.2	24
8	16	17	29	89	1130	839	29	21	35	29	10	17
9	16	13	28	480	332	226	26	19	30	35	9.0	13
10	13	11	34	507	267	155	25	16	23	27	14	10
11	13	10	38	195	423	123	25	16	19	21	18	9.0
12	13	10	34	113	2350	111	34	17	16	18	13	7.9
13	12	10	38	86	2240	100	33	83	14	15	11	7.4
14	11	9.3	90	71	1030	91	33	102	37	13	8.6	7.2
15	11	8.8	67	63	842	92	26	79	71	12	6.9	7.1
16	10	9.5	46	55	724	97	23	70	94	12	6.1	13
17	9.4	9.8	37	55	363	85	20	42	43	41	5.5	92
18	9.3	13	31	210	262	74	18	43	39	45	5.2	65
19	9.5	58	28	347	212	68	17	62	23	24	5.0	25
20	9.0	51	26	255	184	63	15	41	17	16	5.5	15
21	8.9	25	24	122	162	60	15	29	15	12	44	11
22	8.8	17	23	83	137	54	14	21	12	11	152	9.4
23	8.4	14	36	65	438	50	13	17	13	10	62	8.6
24	8.0	14	175	57	1360	48	12	14	16	15	442	7.8
25	7.8	21	94	398	1120	48	42	14	43	11	181	7.7
26	21	19	51	1330	1490	46	497	12	34	128	42	7.1
27	43	653	40	684	1380	46	227	11	86	119	25	6.6
28	26	2140	34	191	468	43	57	9.6	373	70	18	6.8
29	16	1420	122	117	266	41	34	10	141	25	16	6.2
30	12	236	743	95	---	44	32	13	217	16	16	5.6
31	11	---	445	82	---	44	---	73	---	12	14	---
TOTAL	384.9	4883.6	2668	6685	30380	5794	1487	1564.6	2817	3077	1199.5	947.6
MEAN	12.4	163	86.1	216	1048	187	49.6	50.5	93.9	99.3	38.7	31.6
MAX	43	2140	743	1330	9180	1580	497	374	537	776	442	274
MIN	7.8	8.8	23	55	51	41	12	9.6	12	10	5.0	5.6
CFSM	0.12	1.60	0.84	2.11	10.3	1.83	0.49	0.49	0.92	0.97	0.38	0.31
IN.	0.14	1.78	0.97	2.44	11.08	2.11	0.54	0.57	1.03	1.12	0.44	0.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2004, BY WATER YEAR (WY)

MEAN	70.5	129	193	332	414	363	268	111	56.9	74.8	30.2	51.5
MAX	572	367	710	1090	1119	880	737	739	221	429	165	504
(WY)	2003	1987	1983	1998	1990	1980	1991	1991	1983	1989	1982	2001
MIN	1.79	6.79	11.4	30.5	14.9	131	35.8	5.97	2.90	2.10	2.76	2.78
(WY)	2001	1982	2000	1981	2000	1982	1986	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1980 - 2004	
ANNUAL TOTAL	64326.5		61888.2			
ANNUAL MEAN	176		169		173	
HIGHEST ANNUAL MEAN					301	1983
LOWEST ANNUAL MEAN					43.2	2000
HIGHEST DAILY MEAN	5260	Feb 22	9180	Feb 6	10900	Feb 16 1990
LOWEST DAILY MEAN	7.8	Oct 25	5.0	Aug 19	1.3	Jul 23 2000
ANNUAL SEVEN-DAY MINIMUM	8.6	Oct 19	6.1	Aug 14	1.3	Aug 21 2000
MAXIMUM PEAK FLOW			18900	Feb 6	18900	Feb 6 2004
MAXIMUM PEAK STAGE			23.17	Feb 6	23.18a	Apr 13 1974
INSTANTANEOUS LOW FLOW			4.6	Aug 20	1.3	Aug 21 2000
ANNUAL RUNOFF (CFSM)	1.73		1.66		1.70	
ANNUAL RUNOFF (INCHES)	23.46		22.57		23.07	
10 PERCENT EXCEEDS	436		373		418	
50 PERCENT EXCEEDS	41		34		30	
90 PERCENT EXCEEDS	12		9.0		5.8	

a To present datum.

02473500 TALLAHALA CREEK AT LAUREL, MS

LOCATION.--Lat 31°40'51", long 89°06'56", in NW1/4 NE1/4 NE1/4 sec.8, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on right bank 45 ft upstream 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 NGVD of 1929 (Mississippi Department of Transportation bench mark). Prior to Dec. 14, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct.27-30, Jun. 28,29 and Aug. 10. Records good 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. 8	1900	*6,300	*17.78	Feb. 15	1100	3,080	14.05

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	50	1050	671	241	1370	97	116	295	1410	67	45
2	36	44	1160	503	212	747	95	193	749	1520	64	39
3	34	42	544	262	193	456	87	443	848	1760	53	34
4	32	40	231	210	179	380	81	336	825	1640	47	37
5	30	40	180	202	169	339	76	178	345	1020	42	35
6	30	40	150	239	294	423	72	121	228	418	37	176
7	32	44	131	285	757	649	70	96	191	223	34	121
8	32	49	113	316	4010	758	72	80	161	188	31	64
9	33	51	110	312	4380	865	107	68	149	800	29	45
10	34	50	110	461	2680	959	87	62	141	424	e136	37
11	41	48	120	591	1920	571	73	57	127	224	95	31
12	41	45	114	491	1830	294	69	71	113	148	69	27
13	39	41	128	302	1780	239	79	87	99	115	58	25
14	37	40	243	230	2010	213	87	143	106	94	48	23
15	35	38	301	203	2970	194	82	198	328	85	40	22
16	34	38	223	185	2540	190	77	168	211	109	48	35
17	32	38	170	184	1930	187	66	161	195	146	37	34
18	32	53	139	242	1400	180	59	141	150	115	29	38
19	30	68	120	324	821	162	71	120	106	102	26	57
20	30	93	107	386	484	148	57	139	89	100	29	72
21	30	95	98	400	397	137	48	129	71	78	38	47
22	29	102	95	279	340	129	47	94	69	64	34	35
23	28	89	111	214	480	122	46	82	62	56	67	30
24	28	71	119	187	851	115	42	69	56	50	161	26
25	27	64	183	272	1280	110	57	56	73	45	200	23
26	57	63	216	559	1410	108	267	49	104	59	275	20
27	e139	506	163	751	1370	105	614	44	188	71	137	19
28	e106	898	132	799	1530	100	470	41	e404	165	86	18
29	e84	913	176	855	1470	98	210	41	e986	134	62	18
30	e69	964	443	505	---	97	125	50	1280	95	65	16
31	60	---	639	290	---	100	---	80	---	78	72	---
TOTAL	1341	4717	7819	11710	39928	10545	3490	3713	8749	11536	2216	1249
MEAN	43.3	157	252	378	1377	340	116	120	292	372	71.5	41.6
MAX	139	964	1160	855	4380	1370	614	443	1280	1760	275	176
MIN	27	38	95	184	169	97	42	41	56	45	26	16
CFSM	0.18	0.66	1.06	1.59	5.78	1.43	0.49	0.50	1.23	1.56	0.30	0.17
IN.	0.21	0.74	1.22	1.83	6.24	1.65	0.55	0.58	1.37	1.80	0.35	0.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	75.2	171	389	588	753	790	662	321	129	138	75.8	75.3
MAX	678	1386	1967	2286	2478	1741	2366	1868	604	1604	378	847
(WY)	2003	1949	1962	1947	1961	1980	1980	1953	1997	1940	1944	2001
MIN	3.07	6.17	30.9	29.9	53.6	86.4	53.9	15.4	8.77	10.3	9.11	5.69
(WY)	1964	1957	1957	1957	2000	1957	1963	1963	1988	2000	2000	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	122952		107013			
ANNUAL MEAN	337		292		345	
HIGHEST ANNUAL MEAN					726	1980
LOWEST ANNUAL MEAN					104	2000
HIGHEST DAILY MEAN	5050	Feb 24	4380	Feb 9	18400	Apr 14 1974
LOWEST DAILY MEAN	27	Sep 20	16	Sep 30	1.8	Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	29	Oct 19	20	Sep 24	2.0	Oct 26 1963
MAXIMUM PEAK FLOW			6300	Feb 8	23300	Apr 14 1974
MAXIMUM PEAK STAGE			17.78	Feb 8	23.28	Apr 14 1974
INSTANTANEOUS LOW FLOW			16	Sep 30	1.8	Nov 3 1952
ANNUAL RUNOFF (CFSM)	1.42		1.23		1.45	
ANNUAL RUNOFF (INCHES)	19.22		16.73		19.71	
10 PERCENT EXCEEDS	960		806		947	
50 PERCENT EXCEEDS	135		108		97	
90 PERCENT EXCEEDS	40		34		14	

e Estimated

02474500 TALLAHALA CREEK NEAR RUNNELSTOWN, MS

LOCATION.--Lat 31°19'58", long 89°06'45", in SE1/4 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 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 NGVD of 1929. Prior to Oct. 1, 1971, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: December 2-4. 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)
Feb. 12	0830	*7,370	*18.07	Feb. 25	1830	5,860	16.24
Feb. 23	1845	5,780	16.13				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	138	149	2010	1320	611	3370	339	349	1540	2670	317	230
2	133	137	e1960	1240	530	3110	336	547	2360	3700	413	185
3	130	129	e2050	901	474	1890	335	626	2350	3820	273	161
4	125	121	e850	594	438	1280	329	761	2050	3520	214	145
5	121	117	545	530	418	1100	318	589	1380	3050	189	134
6	118	117	443	667	1260	1400	308	391	712	2270	170	127
7	116	118	387	637	1350	1730	299	288	459	1340	157	155
8	116	118	348	646	1950	1700	287	241	366	745	145	209
9	116	118	322	910	3460	1760	277	222	320	1060	136	159
10	118	121	318	999	5900	1840	276	206	304	1670	245	140
11	122	123	313	1010	7090	1880	288	191	277	1090	834	124
12	127	121	312	1070	7170	1170	285	200	242	715	511	114
13	130	118	324	854	6330	776	274	668	220	503	296	115
14	129	112	428	608	5630	676	266	529	218	437	218	108
15	125	108	610	499	5260	627	268	521	386	362	177	101
16	119	106	666	447	5100	608	267	811	1150	344	152	105
17	116	105	510	423	5090	595	261	535	736	921	140	138
18	114	108	415	604	4580	567	251	1250	504	618	135	156
19	111	172	354	716	3350	532	239	1210	398	426	127	130
20	108	203	314	719	1850	502	227	734	333	364	119	124
21	106	212	287	737	1270	469	220	508	280	320	121	122
22	104	210	270	718	1060	418	210	365	265	281	134	126
23	103	202	259	559	3260	396	200	274	237	252	194	123
24	101	178	356	462	4290	380	193	223	314	231	280	115
25	98	162	379	424	5070	368	185	205	1230	209	375	106
26	131	158	415	1050	5280	360	369	183	800	192	331	98
27	182	179	454	1410	4310	356	1010	170	756	347	395	91
28	285	2200	383	1550	3660	354	1110	157	967	323	292	86
29	277	2380	339	1540	3450	351	792	148	2240	322	242	82
30	208	2210	896	1390	---	345	507	142	2850	309	283	80
31	174	---	1300	861	---	342	---	146	---	260	253	---
TOTAL	4201	10612	18817	26095	99491	31252	10526	13390	26244	32671	7868	3889
MEAN	136	354	607	842	3431	1008	351	432	875	1054	254	130
MAX	285	2380	2050	1550	7170	3370	1110	1250	2850	3820	834	230
MIN	98	105	259	423	418	342	185	142	218	192	119	80
CFSM	0.22	0.58	0.99	1.38	5.61	1.65	0.57	0.71	1.43	1.72	0.41	0.21
IN.	0.26	0.65	1.14	1.59	6.05	1.90	0.64	0.81	1.60	1.99	0.48	0.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

MEAN	248	477	1036	1523	1894	1997	1698	948	403	449	265	265
MAX	1430	2635	4400	5061	5750	4429	6595	4728	1578	4294	933	1314
(WY)	2003	1949	1962	1998	1961	2001	1980	1991	1997	1940	1944	2001
MIN	29.2	39.4	97.1	131	197	343	162	77.1	61.8	37.6	44.6	34.3
(WY)	2001	1964	1955	1957	2000	1957	1963	1963	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	324954		285056			
ANNUAL MEAN	890		779		925	
HIGHEST ANNUAL MEAN					1949	1949
LOWEST ANNUAL MEAN					279	2000
HIGHEST DAILY MEAN	7860	Feb 27	7170	Feb 12	29600	Feb 25 1961
LOWEST DAILY MEAN	98	Oct 25	80	Sep 30	22	Oct 26 2000
ANNUAL SEVEN-DAY MINIMUM	104	Oct 19	94	Sep 24	24	Oct 24 2000
MAXIMUM PEAK FLOW			7370	Feb 12	32800	Feb 24 1961
MAXIMUM PEAK STAGE			18.07	Feb 12	30.07a	Feb 24 1961
INSTANTANEOUS LOW FLOW			79	Sep 30	22	Oct 25 2000
ANNUAL RUNOFF (CFSM)	1.45		1.27		1.51	
ANNUAL RUNOFF (INCHES)	19.75		17.33		20.53	
10 PERCENT EXCEEDS	2220		1980		2500	
50 PERCENT EXCEEDS	450		338		352	
90 PERCENT EXCEEDS	128		118		75	

e Estimated
a To present datum.

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

LOCATION.--Lat 31°13'18", 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 NGVD of 1929.

REMARKS.--Estimated daily discharges: Dec. 19-22 and Jul. 17-19. Records good except for estimated daily 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 17,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 11	1800	*27,500	*22.59	Feb. 26	1315	25,100	21.62

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1010	1100	9170	6680	2880	11500	2030	3350	5430	9220	1640	1490
2	984	1050	6770	6100	2530	8680	1910	3650	11900	10500	1800	1290
3	960	1010	4180	4980	2320	6960	1820	4230	11900	14100	1920	1220
4	939	983	3230	3400	2150	5560	1770	4530	10100	14800	2030	1160
5	929	990	2430	2660	2090	4990	1730	3790	7350	13000	1630	1190
6	922	1020	2130	2790	5190	5100	1700	2900	5310	10900	1410	1120
7	925	1070	1960	3150	12600	7490	1670	2360	3690	9060	1320	1060
8	935	1110	1830	4350	16800	9170	1660	2090	3210	5780	1250	1170
9	954	1080	1760	5340	20600	9600	1660	1900	3190	4290	1210	1110
10	998	1040	1730	4850	24800	9320	1770	1760	3090	5590	1350	1020
11	1030	1010	1700	4900	27200	6620	1810	1740	2650	5090	2180	967
12	1060	999	1700	4820	25200	4960	1740	2100	2260	4550	2400	932
13	1060	992	1730	3830	23600	3800	1740	4280	2040	3900	1840	966
14	1030	974	1940	2870	25400	3360	1820	4150	1940	3030	1550	915
15	1050	940	2700	2460	25600	3120	1900	3350	2490	2420	1380	896
16	1030	926	2680	2240	21600	3080	1870	3600	3270	2170	1260	1250
17	978	930	2260	2150	16800	3070	1780	3250	3110	e3000	1190	1280
18	958	1010	2020	2630	13100	2940	1710	5140	2720	e3750	1160	1140
19	940	1370	e1890	3100	9860	2710	1660	5440	2580	e2950	1120	1020
20	931	1610	e1760	4160	7180	2520	1610	4170	2470	2500	1100	954
21	916	1710	e1620	4390	5800	2370	1590	3380	2240	2140	1160	906
22	907	1540	e1550	3440	5160	2210	1570	2900	2030	1890	1220	888
23	887	1430	1480	2670	7610	2080	1560	2410	1940	1720	1330	854
24	867	1320	1580	2270	18700	2000	1540	2060	1930	1620	1670	829
25	859	1270	1890	2120	21400	1950	1540	1860	4990	1700	2170	809
26	1180	1280	1980	3440	24600	1910	2360	1710	5160	1610	1850	791
27	1820	1420	1990	6970	22900	1890	5820	1600	4010	2050	1660	769
28	1890	6730	1860	7460	18800	1870	6380	1520	4320	2030	1610	748
29	1650	10600	1780	7170	15100	1850	5600	1460	6460	1820	1740	731
30	1340	9620	2870	5340	---	1880	4510	1430	10400	1770	1810	716
31	1190	---	6080	3810	---	1930	---	1470	---	1670	1690	---
TOTAL	33129	58134	80250	126540	427570	136490	67830	89580	134180	150620	48650	30191
MEAN	1069	1938	2589	4082	14740	4403	2261	2890	4473	4859	1569	1006
MAX	1890	10600	9170	7460	27200	11500	6380	5440	11900	14800	2400	1490
MIN	859	926	1480	2120	2090	1850	1540	1430	1930	1610	1100	716
CFSM	0.42	0.76	1.02	1.61	5.80	1.73	0.89	1.14	1.76	1.91	0.62	0.40
IN.	0.48	0.85	1.17	1.85	6.26	2.00	0.99	1.31	1.96	2.20	0.71	0.44
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2004, BY WATER YEAR (WY)												
MEAN	1724	2691	3593	6398	7397	7195	4646	3700	2545	2331	1512	1449
MAX	5047	6466	7355	16280	21510	14800	9662	18250	6190	6709	2516	4851
(WY)	2003	1994	1987	1998	1990	2001	1991	1991	1997	1993	1985	2001
MIN	400	676	1026	2037	974	2179	1624	695	526	439	442	413
(WY)	2001	2000	2000	2000	2000	2000	1986	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1984 - 2004	
ANNUAL TOTAL	1387363		1383164			
ANNUAL MEAN	3801		3779		3766	
HIGHEST ANNUAL MEAN					6332	1990
LOWEST ANNUAL MEAN					1195	2000
HIGHEST DAILY MEAN	35600	Feb 27	27200	Feb 11	74000	Feb 20 1990
LOWEST DAILY MEAN	859	Oct 25	716	Sep 30	360	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	901	Oct 19	770	Sep 24	366	Aug 20 2000
MAXIMUM PEAK FLOW			27500	Feb 11	74700	May 15 1990
MAXIMUM PEAK STAGE			22.59	Feb 11	30.71	May 15 1990
INSTANTANEOUS LOW FLOW			706	Sep 30	353	Oct 19 2000
ANNUAL RUNOFF (CFSM)	1.50		1.49		1.48	
ANNUAL RUNOFF (INCHES)	20.30		20.24		20.13	
10 PERCENT EXCEEDS	8480		9090		8870	
50 PERCENT EXCEEDS	2180		1960		1960	
90 PERCENT EXCEEDS	1030		982		826	

e Estimated

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.44	2.44	11.08	8.67	4.79	12.89	4.29	5.34	7.15	11.10	3.46	3.14
2	2.39	2.35	8.78	8.13	4.37	10.65	4.10	5.68	12.77	12.12	3.68	2.85
3	2.34	2.28	6.24	7.05	4.11	9.09	3.96	6.29	12.92	14.76	3.83	2.74
4	2.29	2.23	5.20	5.39	3.88	7.82	3.87	6.61	11.71	15.31	3.98	2.67
5	2.27	2.25	4.24	4.53	3.80	7.29	3.79	5.83	9.32	14.05	3.42	2.73
6	2.25	2.29	3.87	4.68	7.14	7.43	3.72	4.81	7.37	12.44	3.11	2.61
7	2.25	2.37	3.64	5.11	13.68	9.66	3.66	4.16	5.71	11.00	2.96	2.53
8	2.26	2.43	3.46	6.42	16.77	11.10	3.63	3.81	5.18	8.12	2.85	2.71
9	2.29	2.38	3.35	7.41	19.28	11.44	3.61	3.55	5.15	6.67	2.78	2.63
10	2.36	2.30	3.32	6.93	21.48	11.21	3.73	3.36	5.04	7.96	2.99	2.49
11	2.40	2.26	3.27	6.98	22.47	8.99	3.77	3.33	4.51	7.47	4.15	2.41
12	2.45	2.23	3.27	6.90	21.66	7.46	3.66	3.81	4.03	6.93	4.42	2.36
13	2.45	2.21	3.32	5.87	20.98	6.29	3.63	6.34	3.74	6.25	3.69	2.43
14	2.41	2.18	3.61	4.79	21.74	5.84	3.72	6.21	3.61	5.28	3.27	2.35
15	2.43	2.12	4.57	4.28	21.84	5.59	3.81	5.34	4.32	4.54	3.02	2.32
16	2.39	2.09	4.55	4.00	19.87	5.58	3.75	5.62	5.25	4.23	2.84	2.91
17	2.30	2.09	4.02	3.89	16.71	5.60	3.61	5.23	5.07	---	2.72	2.98
18	2.26	2.21	3.72	4.49	14.11	5.47	3.49	7.20	4.60	---	2.66	2.76
19	2.23	2.79	---	5.05	11.62	5.22	3.39	7.50	4.43	---	2.60	2.58
20	2.20	3.15	---	6.22	9.15	5.02	3.30	6.23	4.29	4.64	2.55	2.47
21	2.18	3.29	---	6.46	7.85	4.86	3.25	5.38	4.00	4.18	2.65	2.40
22	2.16	3.04	---	5.44	7.24	4.69	3.20	4.81	3.73	3.85	2.74	2.38
23	2.12	2.89	2.96	4.54	9.38	4.54	3.15	4.22	3.61	3.61	2.90	2.33
24	2.08	2.72	3.11	4.04	18.05	4.41	3.12	3.77	3.59	3.46	3.40	2.29
25	2.06	2.63	3.54	3.84	19.78	4.33	3.09	3.50	7.03	3.57	4.08	2.27
26	2.59	2.66	3.67	5.37	21.44	4.25	4.14	3.29	7.22	3.44	3.65	2.24
27	3.52	2.86	3.68	8.94	20.58	4.20	7.86	3.13	6.06	4.04	3.39	2.21
28	3.62	8.60	3.49	9.42	18.16	4.16	8.39	3.02	6.38	4.00	3.31	2.18
29	3.28	12.23	3.38	9.13	15.50	4.11	7.67	2.93	8.48	3.72	3.48	2.16
30	2.82	11.45	4.73	7.40	---	4.13	6.57	2.88	12.10	3.64	3.58	2.14
31	2.59	---	8.11	5.85	---	4.17	---	2.94	---	3.50	3.42	---
MEAN	2.44	3.30	---	6.04	14.39	6.69	4.16	4.71	6.28	---	3.28	2.51
MAX	3.62	12.23	---	9.42	22.47	12.89	8.39	7.50	12.92	---	4.42	3.14
MIN	2.06	2.09	---	3.84	3.80	4.11	3.09	2.88	3.59	---	2.55	2.14

02474600 BOGUE HOMO NEAR RICHTON, MS

LOCATION.--Lat 31°24'13", long 89°01'18", in NW1/4 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 NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: March 13-23. Records good except estimated daily discharges, which are poor. Flow slightly regulated by Lake Bogue Homo, 36 mi upstream. Satellite telemeter at station.

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)
Feb. 25	2115	*4,930	*12.35	No other peak greater than base dishcarge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	161	793	617	289	1770	79	127	1330	1700	105	178
2	55	164	853	684	253	1370	76	233	1910	1950	143	138
3	49	157	802	667	231	930	73	250	1300	2060	155	78
4	44	155	331	375	188	708	70	239	1240	2120	102	54
5	47	152	166	295	182	588	65	235	1130	2220	86	43
6	36	117	132	676	3060	782	62	158	1080	1930	72	38
7	34	74	113	531	3190	1270	62	98	740	1660	64	37
8	32	62	98	454	1630	1050	57	74	255	1190	62	36
9	32	58	96	690	1330	943	52	59	146	422	61	38
10	33	50	111	794	1280	848	51	51	98	356	67	35
11	37	43	132	657	1190	628	105	46	77	396	280	34
12	40	41	190	615	2590	405	124	102	93	371	309	34
13	41	39	244	512	2750	e372	99	306	76	256	168	33
14	52	36	287	339	2260	e325	81	305	80	164	94	32
15	45	35	344	256	2610	e280	71	318	184	120	69	37
16	40	35	367	219	2910	e275	70	389	342	114	56	197
17	36	37	409	238	2340	e262	67	349	236	339	46	238
18	34	53	308	742	1750	e275	62	788	117	378	41	225
19	33	88	202	815	1290	e248	56	940	72	270	37	99
20	34	95	152	675	879	e238	53	489	59	240	40	50
21	30	87	128	621	562	e203	49	272	55	158	46	39
22	32	71	111	460	418	e180	45	174	100	112	43	33
23	35	61	100	293	2150	e232	42	115	155	109	55	32
24	51	56	122	226	3040	124	40	83	483	100	84	30
25	71	50	231	246	4200	93	42	63	1980	89	86	30
26	144	45	286	651	4560	81	73	58	1660	89	80	29
27	169	52	262	723	3500	84	82	57	956	95	55	29
28	176	200	192	716	2730	86	151	53	908	240	65	27
29	187	708	165	771	2170	86	239	48	1960	273	103	27
30	179	869	300	720	---	97	187	45	2190	176	117	27
31	165	---	566	398	---	85	---	53	---	114	76	---
TOTAL	2052	3851	8593	16676	55532	14918	2385	6577	21012	19811	2867	1957
MEAN	66.2	128	277	538	1915	481	79.5	212	700	639	92.5	65.2
MAX	187	869	853	815	4560	1770	239	940	2190	2220	309	238
MIN	30	35	96	219	182	81	40	45	55	89	37	27
MED	41	62	202	617	2150	275	68	127	298	270	72	36
CFSM	0.19	0.37	0.81	1.56	5.57	1.40	0.23	0.62	2.04	1.86	0.27	0.19
IN.	0.22	0.42	0.93	1.80	6.01	1.61	0.26	0.71	2.27	2.14	0.31	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2004, BY WATER YEAR (WY)

MEAN	164	248	602	1014	1033	1074	839	489	224	199	104	157
MAX	881	1284	2118	2848	2545	2690	2799	2359	877	1838	537	1115
(WY)	1976	1987	1974	1998	1990	2001	1980	1991	1997	2003	1975	1974
MIN	4.93	12.8	26.0	87.5	59.3	295	79.5	17.5	11.4	6.51	6.71	4.78
(WY)	2001	1982	1988	1981	2000	1986	2004	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1971 - 2004	
ANNUAL TOTAL	220959.0		156231			
ANNUAL MEAN	605		427		510	
HIGHEST ANNUAL MEAN					911	1974
LOWEST ANNUAL MEAN					102	2000
HIGHEST DAILY MEAN	7500	Jul 1	4560	Feb 26	19900	Dec 28 1973
LOWEST DAILY MEAN	30	Oct 21	27	Sep 28	3.3	Nov 1 2000
ANNUAL SEVEN-DAY MINIMUM	33	Oct 17	28	Sep 24	3.4	Oct 27 2000
MAXIMUM PEAK FLOW			4930	Feb 25	21900	Dec 28 1973
MAXIMUM PEAK STAGE			12.35	Feb 25	27.63	Dec 28 1973
INSTANTANEOUS LOW FLOW			27	Sep 28,29,30	3.3	Oct 25 2000
ANNUAL RUNOFF (CFSM)	1.76		1.24		1.48	
ANNUAL RUNOFF (INCHES)	23.89		16.89		20.14	
10 PERCENT EXCEEDS	1620		1270		1420	
50 PERCENT EXCEEDS	249		152		148	
90 PERCENT EXCEEDS	50		38		18	

e Estimated

02475000 LEAF RIVER NEAR McLAIN, MS

LOCATION.--Lat 31°06'10", long 88°48'21", in NE1/4 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 NGVD of 1929. Prior to Sept. 8, 1940, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 2, Apr. 19-26 and Jul. 21-27. 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 32 ft, from information by local residents.

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)
Feb. 13	0300	38,500	22.24	Jun. 2	1715	22,500	16.73
Feb. 27	0900	*42,100	*22.79	Jul. 4	1030	23,300	17.09

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1330	1420	12300	7960	4510	24500	2370	4790	6560	18100	2750	1930
2	1270	1330	10200	7850	e3850	18000	2290	4480	20300	16200	2250	1750
3	1220	1280	6700	6820	3190	13100	2150	4850	19200	19300	2270	1630
4	1190	1240	4870	4800	2960	9580	2060	5490	17300	21400	2470	1790
5	1160	1240	3240	3410	2810	7950	1990	4940	12300	21100	2230	1470
6	1150	1260	2520	3710	5920	7350	1940	3910	8730	19200	1840	1420
7	1130	1250	2220	3970	16400	10200	1900	2990	6380	16400	1660	1290
8	1130	1260	2030	4550	20500	12500	1880	2480	4650	11700	1540	1280
9	1140	1240	1920	6550	23700	13000	1850	2210	3840	7100	1470	1350
10	1180	1190	1910	7170	27300	13400	1850	2120	3380	6720	1490	1250
11	1220	1150	1900	6440	30500	10700	1950	2100	3040	6880	1950	1170
12	1250	1130	1870	6280	36700	7980	1980	2520	2550	6130	3070	1120
13	1270	1100	1950	5550	37700	5600	1940	12100	2260	5290	2960	1230
14	1250	1070	2260	4170	36400	4430	1940	7610	2140	4230	2300	1240
15	1230	1030	2730	3280	36700	3980	2020	5330	2740	3220	1960	1090
16	1230	1010	3270	2820	36700	3780	2030	4640	3580	2780	1720	1300
17	1180	998	2910	2620	33600	3830	1960	4640	3820	4060	1520	1950
18	1130	1040	2550	3670	25400	3770	1890	7390	3220	5250	1390	1740
19	1100	1380	2260	4380	18700	3520	e1800	9620	2800	4150	1340	1540
20	1080	1680	2000	4900	12200	3240	e1780	7030	2720	3310	1290	1330
21	1060	1850	1820	5630	8520	3010	e1770	5210	2580	e2840	1300	1200
22	1040	1800	1710	5040	7010	2790	e1760	3900	2760	e2480	1420	1150
23	1030	1640	1660	3840	10000	2620	e1750	3180	2570	e2800	1500	1120
24	1010	1530	1710	3070	26800	2500	e1740	2560	2280	e2420	1820	1090
25	1010	1400	1910	2710	29100	2410	e1730	2160	6210	e3400	2230	1050
26	1360	1350	2170	3100	39100	2330	e1820	2010	12300	e3770	2360	1020
27	2000	1610	2270	6970	41400	2270	4230	1950	9450	e2490	2020	1000
28	2390	4710	2230	9170	38000	2240	6980	1930	9360	2660	1870	974
29	2120	12400	2090	9400	32300	2220	6960	1920	9820	2440	1910	953
30	1810	13000	2840	8010	---	2440	6710	1910	16300	2330	2010	939
31	1560	---	5610	5940	---	2400	---	1920	---	2160	2290	---
TOTAL	40230	65588	97630	163780	647970	207640	75020	129890	205140	232310	60200	39366
MEAN	1298	2186	3149	5283	22340	6698	2501	4190	6838	7494	1942	1312
MAX	2390	13000	12300	9400	41400	24500	6980	12100	20300	21400	3070	1950
MIN	1010	998	1660	2620	2810	2220	1730	1910	2140	2160	1290	939
MED	1190	1270	2230	4900	25400	3830	1940	3900	3830	4150	1910	1240
CFSM	0.37	0.63	0.90	1.51	6.39	1.92	0.72	1.20	1.96	2.14	0.56	0.38
IN.	0.43	0.70	1.04	1.74	6.90	2.21	0.80	1.38	2.18	2.47	0.64	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

MEAN	1873	2938	5847	8239	10340	10940	9370	5771	2916	2993	2119	2146
MAX	7944	13580	25930	23680	30530	24300	39220	25390	9260	19680	5920	7901
(WY)	2003	1949	1962	1998	1961	1948	1980	1991	1959	1940	1949	1979
MIN	458	604	879	1343	1255	2362	1461	871	703	546	543	470
(WY)	2001	1964	1955	1956	2000	1955	1963	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	2324158		1964764			
ANNUAL MEAN	6368		5368		5433	
HIGHEST ANNUAL MEAN					11060	1949
LOWEST ANNUAL MEAN					1514	2000
HIGHEST DAILY MEAN	48600	Feb 28	41400	Feb 27	126000	Feb 26 1961
LOWEST DAILY MEAN	998	Nov 17	939	Sep 30	401	Nov 2 2000
ANNUAL SEVEN-DAY MINIMUM	1050	Oct 19	1000	Sep 24	405	Oct 29 2000
MAXIMUM PEAK FLOW			42100	Feb 27	128000	Feb 26 1961
MAXIMUM PEAK STAGE			22.79	Feb 27	31.64	Feb 26 1961
INSTANTANEOUS LOW FLOW			934	Sep 30	397	Nov 3 2000
ANNUAL RUNOFF (CFSM)	1.82		1.54		1.55	
ANNUAL RUNOFF (INCHES)	24.74		20.91		21.12	
10 PERCENT EXCEEDS	15000		12600		13600	
50 PERCENT EXCEEDS	3420		2440		2570	
90 PERCENT EXCEEDS	1260		1190		922	

e Estimated

02475500 CHUNKY RIVER NEAR CHUNKY, MS

LOCATION.--Lat 32°19'34", long 88°54'33", in NW1/4 NE1/4 NW1/4 sec.31, 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 NGVD of 1929. Prior to Mar. 24, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 12-17 and 23-28. Records fair 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)
Nov. 29	1415	7,040	14.37	Feb. 7	0130	*27,300	*25.11

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	97	1170	1460	417	879	278	254	754	1710	158	168
2	76	92	624	611	389	795	244	288	574	2090	246	142
3	70	90	498	492	378	778	226	328	456	1970	161	126
4	66	88	442	440	360	724	214	333	350	2020	112	531
5	64	88	419	993	1140	656	200	323	254	1500	89	922
6	61	122	378	2680	13600	2110	189	274	189	467	76	399
7	61	208	337	2920	20800	3700	182	239	224	318	68	233
8	67	181	310	1560	8490	4260	181	214	292	254	63	166
9	74	145	296	1490	3590	1900	190	187	207	444	60	131
10	178	124	350	2050	1400	879	186	167	158	438	94	108
11	1350	112	457	1500	1120	708	189	153	138	282	164	93
12	905	104	403	816	e2190	614	347	139	132	212	165	83
13	381	102	338	613	e2380	542	515	140	112	172	213	76
14	259	97	404	525	e1520	492	462	528	132	148	126	72
15	204	93	429	471	e1350	468	342	384	307	132	90	70
16	168	92	352	432	e1320	470	263	440	367	177	74	154
17	144	91	306	398	e1020	452	217	417	288	210	65	413
18	129	98	278	600	829	422	193	285	322	183	58	369
19	119	408	258	874	678	393	179	233	267	146	53	219
20	112	528	242	614	611	367	165	229	175	125	160	137
21	103	300	230	462	569	347	154	205	143	102	203	108
22	96	218	223	409	515	325	145	174	329	91	98	95
23	88	180	246	389	e780	301	138	143	541	81	181	84
24	83	169	534	372	e1520	288	131	122	309	90	1060	75
25	78	252	510	629	e2190	280	150	106	283	247	1030	70
26	110	262	355	2090	e3500	272	816	97	341	139	400	66
27	300	844	291	2120	e3790	266	1210	89	513	320	217	62
28	222	3100	263	1170	e2510	262	550	82	398	323	170	60
29	166	6560	374	567	1170	254	318	77	476	205	296	56
30	138	4750	1950	492	---	260	272	77	698	139	333	53
31	116	---	2150	458	---	295	---	114	---	109	220	---
TOTAL	6072	19595	15417	30697	80126	24759	8846	6841	9729	14844	6503	5341
MEAN	196	653	497	990	2763	799	295	221	324	479	210	178
MAX	1350	6560	2150	2920	20800	4260	1210	528	754	2090	1060	922
MIN	61	88	223	372	360	254	131	77	112	81	53	53
CFSM	0.53	1.77	1.35	2.68	7.49	2.16	0.80	0.60	0.88	1.30	0.57	0.48
IN.	0.61	1.98	1.55	3.09	8.08	2.50	0.89	0.69	0.98	1.50	0.66	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	119	278	545	860	1108	1109	977	437	198	234	122	101
MAX	1162	1854	2741	2608	3449	2890	3223	2072	617	1671	725	751
(WY)	2003	1949	1962	1998	1990	1980	2003	1991	1983	1940	1975	1979
MIN	3.45	16.8	74.0	143	83.0	185	113	41.5	18.3	6.48	9.21	3.08
(WY)	2001	1964	1939	1956	2000	1955	1967	1963	1988	2000	2000	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	344405		228770			
ANNUAL MEAN	944		625		504	
HIGHEST ANNUAL MEAN					1076	2003
LOWEST ANNUAL MEAN					118	2000
HIGHEST DAILY MEAN	34700	Apr 8	20800	Feb 7	34700	Apr 8 2003
LOWEST DAILY MEAN	61	Oct 6	53	Aug 19	0.99	Sep 11 2000
ANNUAL SEVEN-DAY MINIMUM	66	Oct 3	63	Sep 24	1.1	Sep 5 2000
MAXIMUM PEAK FLOW			27300	Feb 7	42700	Apr 8 2003
MAXIMUM PEAK STAGE			25.11	Feb 7	27.33	Apr 8 2003
INSTANTANEOUS LOW FLOW			50	Aug 20	0.99	Sep 9 2000
ANNUAL RUNOFF (CFSM)	2.56		1.69		1.37	
ANNUAL RUNOFF (INCHES)	34.72		23.06		18.56	
10 PERCENT EXCEEDS	1830		1360		1260	
50 PERCENT EXCEEDS	337		270		163	
90 PERCENT EXCEEDS	107		88		25	

e Estimated

02476500 SOWASHEE CREEK AT MERIDIAN, MS

LOCATION.--Lat 32°22'04", long 88°40'38", in SE1/4 NE1/4 NE1/4 sec.17, T.6 N., R.16 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, at Bonita Road 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 NGVD of 1929. 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.--No estimated daily discharges. Records fair. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1900, 35.4 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 32.6 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 32 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)
Oct. 11	0015	1,370	6.85	Mar. 6	0645	1,540	7.07
Nov. 27	1130	1,600	7.15	Jun. 28	2000	3,080	9.04
Feb. 6	0745	*3,210	*9.21	Jul. 25	2015	1,500	7.02

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	14	68	57	47	108	29	178	101	674	35	16
2	3.8	15	60	51	48	112	26	359	103	357	24	13
3	3.6	15	53	49	46	108	23	63	62	169	19	42
4	3.7	15	52	50	43	88	21	41	47	92	18	84
5	3.8	29	48	302	441	88	21	31	36	65	14	23
6	3.9	45	42	132	2240	1030	20	24	31	61	14	18
7	7.8	24	38	80	499	253	21	22	44	58	11	16
8	7.7	18	37	100	243	146	30	19	29	53	10	14
9	5.2	17	60	376	179	109	23	18	24	342	12	12
10	390	16	110	132	144	89	19	19	20	293	11	12
11	606	15	61	97	160	77	31	19	18	71	10	9.1
12	105	15	48	80	790	70	30	76	26	51	11	8.4
13	68	15	62	70	236	64	30	82	60	38	9.8	10
14	48	13	73	63	193	58	24	47	53	31	7.7	8.2
15	39	13	56	60	452	58	19	48	32	26	7.1	8.9
16	32	13	55	56	195	55	19	35	31	46	7.3	255
17	29	13	50	70	137	49	17	38	27	29	6.1	140
18	24	72	44	120	108	46	16	126	20	23	6.7	48
19	22	83	40	71	93	45	16	77	14	20	5.5	32
20	21	37	38	59	86	42	15	99	15	17	28	25
21	16	28	39	53	75	39	16	84	22	16	25	19
22	12	23	37	48	67	36	14	59	32	14	62	17
23	9.6	21	79	44	519	34	14	34	63	15	280	15
24	8.2	29	80	49	283	34	13	27	48	12	84	15
25	7.7	26	52	189	533	31	35	23	53	262	38	12
26	53	22	47	127	608	31	59	21	212	219	25	11
27	29	1080	44	81	220	30	27	19	78	163	21	12
28	22	381	42	66	150	29	19	18	436	53	21	10
29	19	136	119	59	120	31	32	18	384	36	50	11
30	17	95	138	56	---	34	73	16	498	29	24	9.2
31	15	---	70	51	---	29	---	178	---	28	18	---
TOTAL	1635.9	2338	1842	2898	8955	3053	752	1918	2619	3363	915.2	925.8
MEAN	52.8	77.9	59.4	93.5	309	98.5	25.1	61.9	87.3	108	29.5	30.9
MAX	606	1080	138	376	2240	1030	73	359	498	674	280	255
MIN	3.6	13	37	44	43	29	13	16	14	12	5.5	8.2
CFSM	1.01	1.50	1.14	1.79	5.93	1.89	0.48	1.19	1.68	2.08	0.57	0.59
IN.	1.17	1.67	1.32	2.07	6.39	2.18	0.54	1.37	1.87	2.40	0.65	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	22.8	31.9	80.6	110	142	162	129	55.5	34.0	34.5	19.5	18.1
MAX	147	150	448	393	464	438	594	234	197	252	92.7	157
(WY)	1990	2002	1962	1993	1961	1976	2003	1980	1989	1958	1982	1979
MIN	0.55	1.03	5.63	7.07	11.1	26.2	6.09	5.95	3.27	0.96	0.74	0.48
(WY)	1955	1957	1955	1956	2000	2000	1986	1999	1988	2000	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	51829.8		31214.9			
ANNUAL MEAN	142		85.3		69.6	
HIGHEST ANNUAL MEAN					162	2003
LOWEST ANNUAL MEAN					14.0	2000
HIGHEST DAILY MEAN	6620	Apr 7	2240	Feb 6	6620	Apr 7 2003
LOWEST DAILY MEAN	3.6	Oct 3	3.6	Oct 3	0.17	Jul 15 2000
ANNUAL SEVEN-DAY MINIMUM	3.8	Sep 30	4.4	Oct 1	0.17	Aug 31 2000
MAXIMUM PEAK FLOW			3210	Feb 6	11900	Apr 7 2003
MAXIMUM PEAK STAGE			9.21	Feb 6	32.04a	Mar 28 1951
INSTANTANEOUS LOW FLOW			3.2	Oct 3,6	0.16	Jul 26 2000
ANNUAL RUNOFF (CFSM)	2.73		1.64		1.34	
ANNUAL RUNOFF (INCHES)	37.01		22.29		18.16	
10 PERCENT EXCEEDS	252		182		140	
50 PERCENT EXCEEDS	50		38		19	
90 PERCENT EXCEEDS	14		12		2.3	

a To present datum.

02476600 OKATIBBEE CREEK AT ARUNDEL, MS

LOCATION.--Lat 32°17'54", long 88°45'13", in SE1/4 SE1/4 SW1/4 sec.3, T.5 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on right bank, about 500 ft downstream from Hognose Creek, about 200 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 NGVD of 1929 (U. S. Army Corps of Engineers bench mark) Prior to Apr. 17, 1975, supplementary water-stage recorder at bridge 400 ft downstream at same datum.

REMARKS.--Estimated daily discharges: Nov. 25, 29-30 and Dec. 1. Records good except for estimated daily 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).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,600 ft^3/s and maximum (*)

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Oct. 11	0430	2,770	13.81	Mar. 6	1500	3,190	14.71
Nov. 27	1500	3,450	15.20	Jun. 29	0200	3,330	14.98
Feb. 7	0230	*8,050	*19.25	Jul. 1	2330	2,610	13.43

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	149	366	e941	581	425	1560	306	300	458	1860	184	168
2	159	360	1070	548	366	1550	236	882	442	2010	164	158
3	166	357	1160	776	349	1540	195	436	308	1280	163	163
4	171	270	1080	831	331	1490	182	277	195	1080	165	679
5	165	245	1120	1270	749	1300	167	230	151	1150	157	300
6	168	281	1240	1360	6540	2670	163	207	134	1280	160	215
7	236	241	1140	1200	6340	2140	157	190	195	1330	147	184
8	257	219	923	1260	2990	1370	226	180	185	1250	140	166
9	216	208	925	1700	1540	1410	161	172	122	1400	142	153
10	780	201	990	1470	1540	1500	149	154	141	1400	149	148
11	2360	164	728	1430	1410	1510	198	149	109	795	138	144
12	1280	145	584	1450	2340	1490	194	223	95	620	139	142
13	713	142	585	1430	1700	1460	197	312	220	433	136	151
14	611	135	639	1410	1600	1260	169	225	474	304	126	140
15	579	134	586	1200	1880	1060	147	233	237	263	121	139
16	609	130	535	671	1710	1230	136	214	199	537	118	696
17	621	131	391	502	1750	1380	128	201	253	403	116	848
18	582	308	304	708	1700	1400	123	333	176	275	114	423
19	563	464	280	553	1650	1390	119	209	129	235	113	255
20	550	257	235	459	1610	1380	116	255	110	212	185	235
21	537	177	206	425	1570	1360	118	185	135	198	230	190
22	526	218	199	401	1520	1330	120	217	753	187	186	178
23	514	226	308	380	1940	1330	125	151	297	177	957	169
24	508	275	451	386	1890	1140	120	137	247	169	712	164
25	493	e256	298	770	1710	791	222	123	254	292	311	158
26	660	239	238	903	2160	682	486	109	1060	742	221	152
27	506	2290	217	832	1420	622	276	106	577	497	191	149
28	444	2520	205	1060	1360	528	179	103	665	269	176	145
29	408	e953	379	1130	1550	523	172	110	2130	216	303	141
30	387	e926	804	851	---	515	296	103	1600	190	234	139
31	377	---	646	605	---	361	---	431	---	186	183	---
TOTAL	16295	12838	19407	28552	53640	39272	5583	7157	12051	21240	6581	7092
MEAN	526	428	626	921	1850	1267	186	231	402	685	212	236
MAX	2360	2520	1240	1700	6540	2670	486	882	2130	2010	957	848
MIN	149	130	199	380	331	361	116	103	95	169	113	139
CFSM	1.54	1.25	1.83	2.69	5.41	3.70	0.54	0.68	1.17	2.00	0.62	0.69
IN.	1.77	1.40	2.11	3.11	5.83	4.27	0.61	0.78	1.31	2.31	0.72	0.77
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2004, BY WATER YEAR (WY)												
MEAN	172	308	558	814	1030	1084	932	521	283	258	171	181
MAX	725	942	1569	2314	3160	2295	2427	1977	1275	1169	510	820
(WY)	2003	1993	1983	1998	1990	1979	2003	1991	1983	2003	2003	2001
MIN	31.2	33.4	82.0	118	86.0	145	124	84.6	42.8	52.3	37.4	47.3
(WY)	1970	1979	1988	1988	2000	2000	1986	1999	1970	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1969 - 2004	
ANNUAL TOTAL	352262		229708			
ANNUAL MEAN	965		628		523	
HIGHEST ANNUAL MEAN					1031	2003
LOWEST ANNUAL MEAN					123	2000
HIGHEST DAILY MEAN	12200	Apr 8	6540	Feb 6	18700	Feb 16 1990
LOWEST DAILY MEAN	130	Nov 16	95	Jun 12	19	Nov 9 1981
ANNUAL SEVEN-DAY MINIMUM	140	Nov 11	113	May 24	22	Nov 13 1981
MAXIMUM PEAK FLOW			8050	Feb 7	22800	Feb 16 1990
MAXIMUM PEAK STAGE			19.25	Feb 7	22.65	Feb 16 1990
ANNUAL RUNOFF (CFSM)	2.82		1.84		1.53	
ANNUAL RUNOFF (INCHES)	38.32		24.99		20.79	
10 PERCENT EXCEEDS	1660		1490		1370	
50 PERCENT EXCEEDS	825		308		211	
90 PERCENT EXCEEDS	186		139		60	

e Estimated

02476600 OKATIBBEE CREEK AT ARUNDEL, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.02	5.44	---	6.35	5.72	10.15	5.24	5.13	5.77	11.10	4.60	4.47
2	4.08	5.43	8.21	6.22	5.47	10.13	4.89	7.43	5.69	11.64	4.48	4.41
3	4.13	5.43	8.56	7.09	5.39	10.07	4.68	5.68	5.12	9.04	4.48	4.43
4	4.16	5.02	8.26	7.30	5.31	9.89	4.60	4.98	4.55	8.19	4.50	6.71
5	4.12	4.90	8.42	9.02	6.77	9.13	4.52	4.74	4.28	8.49	4.45	5.16
6	4.14	5.08	8.88	9.35	18.38	13.29	4.49	4.62	4.16	9.02	4.47	4.75
7	4.50	4.88	8.48	8.72	18.27	12.04	4.45	4.53	4.55	9.25	4.40	4.57
8	4.63	4.77	7.66	8.97	14.00	9.40	4.84	4.46	4.48	8.90	4.35	4.46
9	4.42	4.71	7.66	10.70	10.08	9.55	4.48	4.42	4.08	9.53	4.37	4.38
10	6.65	4.67	7.91	9.78	10.08	9.93	4.40	4.30	4.21	9.51	4.42	4.34
11	12.72	4.44	6.90	9.64	9.58	9.95	4.69	4.27	3.98	7.09	4.35	4.32
12	8.92	4.32	6.36	9.70	12.71	9.88	4.69	4.62	3.86	6.42	4.36	4.30
13	6.55	4.30	6.36	9.65	10.71	9.76	4.71	5.13	4.59	5.69	4.35	4.36
14	6.17	4.26	6.56	9.56	10.32	8.97	4.54	4.72	5.83	5.12	4.28	4.29
15	6.07	4.25	6.37	8.75	11.33	8.17	4.39	4.76	4.78	4.94	4.24	4.28
16	6.20	4.22	6.17	6.68	10.75	8.87	4.31	4.65	4.57	6.06	4.23	6.66
17	6.25	4.22	5.57	6.03	10.87	9.43	4.26	4.58	4.86	5.57	4.22	7.36
18	6.13	5.05	5.19	6.82	10.72	9.51	4.22	5.23	4.44	5.01	4.21	5.70
19	6.07	5.88	5.07	6.24	10.52	9.50	4.19	4.63	4.13	4.82	4.20	4.95
20	6.03	4.96	4.85	5.86	10.36	9.44	4.17	4.87	3.99	4.70	4.57	4.85
21	6.00	4.53	4.70	5.72	10.19	9.36	4.18	4.49	4.08	4.62	4.91	4.60
22	5.96	4.75	4.65	5.62	10.0	9.27	4.20	4.66	6.93	4.57	4.66	4.53
23	5.93	4.80	5.16	5.53	11.39	9.27	4.24	4.28	5.06	4.51	7.81	4.48
24	5.92	5.04	5.82	5.56	11.29	8.49	4.20	4.18	4.83	4.47	6.84	4.45
25	5.87	---	5.16	7.06	10.68	7.17	4.71	4.08	4.87	4.97	5.22	4.41
26	6.53	4.87	4.87	7.58	12.20	6.75	6.03	3.98	8.11	6.96	4.77	4.37
27	5.95	11.70	4.76	7.30	9.60	6.53	5.11	3.95	6.24	6.00	4.61	4.35
28	5.71	13.10	4.69	8.19	9.34	6.17	4.60	3.93	6.47	5.03	4.52	4.32
29	5.57	---	5.43	8.45	10.10	6.16	4.54	3.99	11.69	4.76	5.17	4.30
30	5.50	---	7.19	7.38	---	6.13	5.20	3.93	10.31	4.63	4.84	4.28
31	5.48	---	6.59	6.44	---	5.48	---	5.49	---	4.60	4.56	---
MEAN	5.82	---	---	7.65	10.42	8.96	4.59	4.67	5.35	6.62	4.69	4.76
MAX	12.72	---	---	10.70	18.38	13.29	6.03	7.43	11.69	11.64	7.81	7.36
MIN	4.02	---	---	5.53	5.31	5.48	4.17	3.93	3.86	4.47	4.20	4.28

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS

LOCATION.--Lat 32°10'33", long 88°49'11", in SE1/4 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 NGVD of 1929. 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)
Feb. 8	0100	*34,100	*38.13	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	298	617	4170	2680	1070	2940	711	640	1570	3750	375	380
2	288	603	2100	1560	893	2760	620	1610	1490	5040	471	336
3	294	598	1890	1400	845	2710	546	1810	1210	4140	389	361
4	293	557	1780	1440	794	2610	506	979	857	3380	331	1390
5	294	503	1620	2100	999	2460	479	642	604	3010	302	1600
6	291	618	1700	4430	10900	4870	457	514	459	2130	291	885
7	316	681	1620	4560	28200	6750	445	441	485	1860	262	500
8	417	579	1350	3490	28900	6410	498	394	682	1700	246	382
9	397	510	1250	3670	13500	4700	503	364	496	1920	235	324
10	510	480	1560	4180	5550	2920	455	335	401	2190	366	290
11	3760	450	1400	3370	3990	2560	535	308	365	1430	413	271
12	3270	405	1150	2560	5580	2420	826	377	331	959	390	257
13	1590	392	1030	2280	5370	2300	1070	672	327	757	388	253
14	1100	377	1170	2130	4490	2140	847	895	745	542	320	261
15	974	366	1180	1950	4450	1830	630	946	800	450	256	259
16	893	366	1030	1400	4380	1870	517	848	777	630	230	644
17	889	371	867	1050	3730	2040	463	831	915	1120	217	2050
18	842	501	686	1600	3140	2030	426	726	864	633	206	1340
19	808	1210	624	1870	2840	1980	402	566	640	486	201	724
20	782	1270	571	1300	2670	1930	386	560	434	413	249	470
21	759	775	508	1040	2530	1880	375	479	363	365	706	403
22	739	595	486	930	2390	1810	364	464	1230	336	362	336
23	717	595	563	854	2970	1760	350	371	1190	314	969	311
24	704	632	1180	824	4830	1650	336	316	926	302	2310	295
25	691	725	1120	1730	5090	1280	552	292	855	444	1860	282
26	1010	724	778	3700	6400	1060	2080	268	1340	998	977	270
27	1090	3800	641	3420	6140	1000	2020	254	1840	891	506	258
28	920	6610	581	2700	5230	903	1200	243	1190	791	401	250
29	772	7190	736	1970	3700	881	643	258	2700	555	680	242
30	692	7010	3010	1690	---	923	675	259	2680	410	837	231
31	642	---	3320	1280	---	855	---	615	---	350	485	---
TOTAL	27042	40110	41671	69158	171571	74232	19917	18277	28766	42296	16231	15855
MEAN	872	1337	1344	2231	5916	2395	664	590	959	1364	524	528
MAX	3760	7190	4170	4560	28900	6750	2080	1810	2700	5040	2310	2050
MIN	288	366	486	824	794	855	336	243	327	302	201	231
CFSM	0.95	1.46	1.46	2.43	6.44	2.61	0.72	0.64	1.04	1.49	0.57	0.58
IN.	1.10	1.63	1.69	2.80	6.95	3.01	0.81	0.74	1.17	1.71	0.66	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	318	665	1359	2056	2740	2790	2478	1194	556	634	357	310
MAX	2540	4011	7012	6699	9250	6415	7794	5644	2200	4494	1518	1903
(WY)	2003	1949	1962	1998	1990	1980	2003	1991	1983	1940	1946	2001
MIN	23.5	49.4	174	286	259	540	310	125	101	50.9	42.7	24.8
(WY)	1964	1964	1964	1956	2000	1955	1967	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	912443		565126			
ANNUAL MEAN	2500		1544		1281	
HIGHEST ANNUAL MEAN					2797	2003
LOWEST ANNUAL MEAN					311	2000
HIGHEST DAILY MEAN	45400	Apr 9	28900	Feb 8	58500	Feb 23 1961
LOWEST DAILY MEAN	275	Sep 20	201	Aug 19	18	Sep 25 1954
ANNUAL SEVEN-DAY MINIMUM	296	Oct 1	240	Aug 14	18	Sep 24 1954
MAXIMUM PEAK FLOW			34100	Feb 8	61700	Feb 23 1961
MAXIMUM PEAK STAGE			38.13	Feb 8	43.05a	Apr 9 2003
INSTANTANEOUS LOW FLOW			193	Aug 20	18	Sep 25 1954
ANNUAL RUNOFF (CFSM)	2.72		1.68		1.40	
ANNUAL RUNOFF (INCHES)	36.97		22.90		18.95	
10 PERCENT EXCEEDS	4490		3540		3180	
50 PERCENT EXCEEDS	1470		797		489	
90 PERCENT EXCEEDS	409		302		96	

a To present datum.

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.74	6.86	15.89	12.59	8.58	13.11	7.33	7.18	9.72	15.03	6.07	6.24
2	5.68	6.81	10.99	9.87	8.09	12.67	7.04	9.85	9.51	17.83	6.47	6.05
3	5.72	6.80	10.48	9.47	7.95	12.55	6.80	10.39	8.77	15.91	6.14	6.11
4	5.71	6.66	10.22	9.58	7.80	12.29	6.66	8.19	7.78	14.19	5.88	9.35
5	5.72	6.46	9.86	11.16	8.31	11.88	6.56	7.19	6.99	13.28	5.75	9.90
6	5.70	6.86	10.08	16.56	24.87	17.28	6.49	6.75	6.47	11.01	5.70	7.95
7	5.84	7.07	9.91	16.84	35.64	21.17	6.44	6.47	6.55	10.29	5.55	6.74
8	6.37	6.73	9.24	14.45	35.96	20.55	6.65	6.28	7.23	9.89	5.47	6.27
9	6.27	6.49	9.00	14.84	27.31	17.08	6.68	6.15	6.58	10.46	5.41	6.02
10	6.67	6.38	9.85	16.00	18.83	13.08	6.50	6.01	6.20	11.17	6.02	5.85
11	15.05	6.26	9.46	14.18	15.59	12.16	6.79	5.89	6.04	9.19	6.28	5.76
12	13.89	6.07	8.80	12.31	18.91	11.80	7.74	6.16	5.88	7.92	6.19	5.69
13	9.60	6.02	8.47	11.63	18.50	11.49	8.45	7.29	5.85	7.33	6.18	5.67
14	8.29	5.95	8.86	11.27	16.68	11.07	7.82	7.93	7.35	6.63	5.88	5.72
15	7.93	5.91	8.88	10.84	16.59	10.27	7.15	8.10	7.55	6.30	5.56	5.71
16	7.71	5.91	8.46	9.46	16.43	10.38	6.76	7.83	7.48	6.89	5.42	7.06
17	7.70	5.93	8.01	8.53	14.99	10.81	6.56	7.78	7.87	8.37	5.34	11.04
18	7.56	6.43	7.46	9.98	13.60	10.80	6.41	7.46	7.72	6.97	5.28	9.26
19	7.46	8.59	7.26	10.65	12.88	10.68	6.31	6.93	7.02	6.46	5.25	7.54
20	7.39	8.73	7.08	9.21	12.43	10.56	6.24	6.91	6.27	6.17	5.51	6.69
21	7.32	7.36	6.86	8.50	12.08	10.43	6.20	6.62	5.97	5.97	7.34	6.42
22	7.25	6.79	6.78	8.19	11.70	10.27	6.15	6.56	8.63	5.84	6.11	6.13
23	7.18	6.79	7.05	7.98	13.12	10.14	6.08	6.18	8.58	5.74	7.97	6.02
24	7.14	6.91	8.88	7.89	17.40	9.86	6.02	5.92	7.85	5.69	11.63	5.94
25	7.10	7.21	8.71	10.23	17.94	8.90	6.70	5.80	7.65	6.29	10.49	5.88
26	8.01	7.21	7.75	14.93	20.53	8.31	11.05	5.67	8.94	8.05	8.16	5.82
27	8.25	14.72	7.32	14.28	20.03	8.13	10.90	5.59	10.27	7.79	6.72	5.76
28	7.78	20.93	7.12	12.64	18.22	7.88	8.80	5.52	8.55	5.71	6.31	5.72
29	7.35	21.90	7.58	10.87	14.92	7.82	7.19	5.60	12.49	6.75	7.26	5.68
30	7.11	21.59	13.34	10.20	---	7.94	7.30	5.60	12.46	6.21	7.79	5.62
31	6.94	---	14.06	9.15	---	7.76	---	6.91	---	5.95	6.66	---
MEAN	7.53	8.48	9.15	11.43	16.75	11.58	7.13	6.86	7.87	8.75	6.51	6.65
MAX	15.05	21.90	15.89	16.84	35.96	21.17	11.05	10.39	12.49	17.83	11.63	11.04
MIN	5.68	5.91	6.78	7.89	7.80	7.76	6.02	5.52	5.85	5.69	5.25	5.62

02477990 BUCKATUNNA CREEK NEAR DENHAM, MS

LOCATION.--Lat 31°41'39", long 88°31'09", in NE1/4 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 NGVD of 1929. Prior to water year 1975, at datum 3.94 ft lower.

REMARKS.--Estimated daily discharges: July 5-7. Records good except 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)
Feb. 12	2145	4,030	18.13	Feb. 26	0700	*4,450	*19.25

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124	125	1600	933	543	2010	265	242	508	1220	251	173
2	114	111	1500	698	490	1560	258	448	887	1490	170	141
3	103	99	825	524	447	1260	242	471	1120	1470	424	123
4	96	93	514	447	422	1060	229	623	1100	1560	344	237
5	90	93	418	459	405	950	215	506	831	e1350	208	143
6	85	93	367	710	1580	1170	205	326	533	e890	154	112
7	86	91	330	721	2700	1750	203	244	365	e750	122	132
8	85	100	302	688	2380	1530	494	197	274	625	105	129
9	85	133	284	689	2250	1390	272	170	223	1250	98	103
10	88	124	295	882	2360	1290	219	148	188	1230	98	89
11	105	110	364	874	2650	962	205	132	164	594	124	79
12	114	102	472	751	3730	768	205	136	143	426	386	73
13	110	95	452	585	3620	673	200	353	142	338	424	71
14	218	89	439	493	3100	613	240	320	170	263	285	67
15	191	86	648	440	3120	568	268	527	168	214	203	63
16	151	85	637	404	3160	545	251	429	155	190	149	243
17	131	83	490	400	3130	524	215	353	184	413	118	574
18	118	107	396	631	2770	499	190	361	177	338	97	539
19	107	169	343	733	1760	461	172	315	174	413	83	674
20	100	195	303	767	1130	425	158	499	179	363	80	608
21	96	318	274	661	927	398	148	398	198	250	92	388
22	91	295	256	535	817	374	140	271	196	192	100	253
23	86	217	248	449	1040	351	132	213	676	159	227	189
24	81	177	286	396	2160	328	128	182	618	136	547	153
25	77	154	507	419	2940	310	124	165	2040	125	717	130
26	88	141	560	956	4320	299	139	138	1420	191	904	114
27	96	166	442	1220	3710	295	283	119	975	224	665	102
28	159	1300	355	1280	3030	287	587	105	1270	148	388	93
29	207	1820	337	1240	2430	277	406	97	1480	364	439	83
30	185	1750	609	888	---	274	283	90	1240	320	330	76
31	148	---	930	630	---	265	---	118	---	224	233	---
TOTAL	3615	8521	15783	21503	63121	23466	7076	8696	17798	17720	8565	5954
MEAN	117	284	509	694	2177	757	236	281	593	572	276	198
MAX	218	1820	1600	1280	4320	2010	587	623	2040	1560	904	674
MIN	77	83	248	396	405	265	124	90	142	125	80	63
CFSM	0.24	0.58	1.03	1.41	4.42	1.54	0.48	0.57	1.21	1.16	0.56	0.40
IN.	0.27	0.64	1.19	1.63	4.77	1.77	0.54	0.66	1.35	1.34	0.65	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2004, BY WATER YEAR (WY)

MEAN	209	417	800	1373	1456	1576	1300	640	405	326	168	218
MAX	945	1852	2125	3497	4046	3445	4431	3155	1465	2300	660	1315
(WY)	1976	1980	2003	1998	1990	1983	1980	1991	1991	2003	1975	1979
MIN	5.44	23.7	98.9	172	194	475	164	87.7	26.9	23.4	11.2	7.98
(WY)	2001	1979	2001	1981	2000	1986	1986	2000	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1972 - 2004	
ANNUAL TOTAL	352232		201818			
ANNUAL MEAN	965		551		738	
HIGHEST ANNUAL MEAN					1388	1980
LOWEST ANNUAL MEAN					240	2000
HIGHEST DAILY MEAN	6610	Jul 2	4320	Feb 26	11700	Mar 7 1979
LOWEST DAILY MEAN	77	Oct 25	63	Sep 15	3.4	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	88	Oct 4	78	Sep 9	3.7	Oct 24 2000
MAXIMUM PEAK FLOW			4450	Feb 26	12200	Mar 6 1979
MAXIMUM PEAK STAGE			19.25	Feb 26	34.90a	Mar 6 1979
INSTANTANEOUS LOW FLOW			63	Sep 15,16	3.3	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.96		1.12		1.50	
ANNUAL RUNOFF (INCHES)	26.63		15.26		20.39	
10 PERCENT EXCEEDS	2610		1320		2000	
50 PERCENT EXCEEDS	507		295		307	
90 PERCENT EXCEEDS	107		97		42	

e Estimated
a To present datum.

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'55", long 88°33'53", in NE1/4 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 abandoned bridge 400 ft below 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 NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Oct. 19, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Aug. 1-2 and Sept. 28, 30. Records fair except for estimated daily discharges, which are poor. Satellite telemeter and 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)
Feb. 15	1000	*26,100	*27.28	Feb. 27	2200	21,000	25.58

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1280	1570	5180	4910	3870	17000	2320	3430	1850	8170	e1970	1800
2	1200	1410	5300	5810	3310	15000	2260	3930	7830	9110	e1650	1750
3	1130	1320	5430	5420	2930	12300	2130	3850	8120	9900	1270	1470
4	1070	1270	4350	4170	2640	9030	1970	3550	7590	10500	1250	1310
5	1020	1270	1860	3300	2450	7560	1830	3830	5720	10000	1290	1330
6	991	1310	1300	3500	3400	7000	1720	3200	3970	8640	1150	1370
7	997	1300	1200	4160	7880	7660	1650	2320	2870	7050	971	2130
8	1010	1240	1230	5280	11500	9190	1610	1910	2260	5260	872	2520
9	1030	1260	1350	6420	13100	10300	1990	1790	1880	4180	818	1850
10	1080	1270	1480	6910	14100	10900	2170	1590	1680	3910	871	1370
11	1210	1240	1630	6650	16000	11100	1840	1430	1620	4100	1110	1140
12	1280	1180	1940	6730	18700	9940	1630	1390	1490	3700	1100	1030
13	1940	1130	2360	6390	21800	6830	1540	4670	1320	3160	1100	1020
14	3980	1080	2710	5140	24700	5480	1600	4960	1320	2450	1340	960
15	3580	1030	3070	4260	25900	5020	1860	3350	1410	1990	1200	903
16	2600	993	3450	3820	24700	4730	2000	3000	1500	1640	1040	1320
17	2010	972	3330	3600	22100	4460	1820	3180	1720	1540	939	2730
18	1740	1030	2970	3870	18800	4210	1610	3620	2470	1930	826	2640
19	1590	1470	2600	4150	15000	4150	1460	3300	2450	2250	743	2420
20	1520	1900	2290	4240	11100	4070	1370	2830	2040	2220	704	2770
21	1490	1860	2080	4240	8140	3920	1290	2380	1890	1920	743	2470
22	1450	1910	1930	3830	6770	3760	1220	2020	1680	1670	834	1870
23	1400	1840	1840	3190	7240	3600	1170	1730	1610	1480	1140	1440
24	1370	1490	1870	2760	13100	3460	1130	1510	2490	1330	1560	1230
25	1330	1260	2020	2590	14300	3340	1100	1370	3530	1210	1560	1080
26	1410	1190	2380	2900	18200	3240	1170	1250	5630	1130	2540	986
27	1630	1430	2810	4560	20700	2980	1310	1140	5560	1230	3490	926
28	1790	2370	2610	6520	20600	2690	2520	1070	4800	1680	3070	e910
29	1980	3470	2320	6990	19100	2520	4000	1010	6370	2010	2220	858
30	1960	4680	2920	6390	---	2440	4850	954	7990	2000	2110	e850
31	1790	---	3670	4940	---	2380	---	947	---	1850	1940	---
TOTAL	49858	46745	81480	147640	392130	200260	56140	76511	102660	119210	43421	46453
MEAN	1608	1558	2628	4763	13520	6460	1871	2468	3422	3845	1401	1548
MAX	3980	4680	5430	6990	25900	17000	4850	4960	8120	10500	3490	2770
MIN	991	972	1200	2590	2450	2380	1100	947	1320	1130	704	850
MED	1410	1280	2360	4260	14100	4730	1680	2320	2360	2220	1150	1350
CFSM	0.60	0.58	0.98	1.77	5.03	2.40	0.70	0.92	1.27	1.43	0.52	0.58
IN.	0.69	0.65	1.13	2.04	5.42	2.77	0.78	1.06	1.42	1.65	0.60	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	1105	1866	3979	5856	7423	8518	7465	4112	2109	2068	1354	1290
MAX	5195	8146	18990	18120	23450	19890	26650	18310	6774	14390	6439	6115
(WY)	2003	1949	1962	1998	1990	1961	1980	1991	1991	1940	1946	1979
MIN	181	240	515	762	1121	1783	1165	556	464	300	277	217
(WY)	1964	1964	1955	1956	2000	1955	1963	1963	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	2243673		1362508			
ANNUAL MEAN	6147		3723		3911	
HIGHEST ANNUAL MEAN					7710	1949
LOWEST ANNUAL MEAN					1252	2000
HIGHEST DAILY MEAN	26500	Apr 16	25900	Feb 15	72600	Feb 28 1961
LOWEST DAILY MEAN	972	Nov 17	704	Aug 20	162	Oct 30 1963
ANNUAL SEVEN-DAY MINIMUM	1030	Oct 4	833	Aug 16	166	Oct 25 1963
MAXIMUM PEAK FLOW			26100	Feb 15	73600	Feb 28 1961
MAXIMUM PEAK STAGE			27.28	Feb 15	33.52	Feb 28 1961
INSTANTANEOUS LOW FLOW			692	Aug 20	160	Oct 30 1963
ANNUAL RUNOFF (CFSM)	2.29		1.38		1.45	
ANNUAL RUNOFF (INCHES)	31.03		18.84		19.75	
10 PERCENT EXCEEDS	15300		8030		10500	
50 PERCENT EXCEEDS	3900		2060		1870	
90 PERCENT EXCEEDS	1320		1080		485	

e Estimated

02479000 PASCAGOULA RIVER AT MERRILL, MS

LOCATION.--Lat 30°58'41", long 88°43'37", in NW1/4 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 County 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 NGVD of 1929. Prior to Dec. 6, 1934, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: September 3-8. Records good except for estimated daily discharges, which are poor. 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 30,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 16	1400	*70,600	*23.91	Jul. 5	2200	32,400	18.67
Feb. 28	1100	66,000	23.52				

WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3030	3280	21000	11600	9680	57900	5200	11000	4020	24700	5060	3910
2	2810	2980	21100	13300	7650	49800	5070	9760	20800	27300	4760	3640
3	2670	2780	18700	13100	6620	41000	4810	10200	28500	27900	4040	e3240
4	2560	2650	16000	10800	5960	30500	4570	9040	28900	30300	3920	e3110
5	2470	2590	11400	7770	5500	20800	4330	8740	25100	32100	3860	e2850
6	2400	2700	7200	7190	7470	16400	4120	7770	17900	31700	3400	e2860
7	2360	2760	5980	8200	17500	16400	3980	5990	12200	28400	2940	e2800
8	2370	2670	5380	9120	25400	19100	3890	4730	8760	23200	2660	e3520
9	2370	2590	5100	11800	31000	21400	3840	4150	7010	16000	2460	3430
10	2440	2560	5000	14300	36100	22800	4240	3760	6030	11300	2430	2840
11	2610	2520	4940	13800	41900	23000	4200	3470	5440	11500	3540	2430
12	2740	2440	4880	13300	50100	20500	4020	3570	4850	10700	4170	2190
13	2800	2340	5190	12800	59000	16600	3830	15400	4220	9470	4080	2250
14	4180	2240	5900	11000	64500	12100	3720	18200	4000	7880	3570	2340
15	5050	2160	6230	8590	68300	10400	3860	11700	4640	6290	3280	2080
16	4150	2080	6860	7320	70300	9620	4120	8460	5400	5200	2890	2310
17	3460	2040	6690	6780	68700	9260	4070	8020	5800	6420	2610	4440
18	3100	2120	5950	8180	63100	8940	3780	9690	5740	8760	2390	5060
19	2880	3000	5260	9440	54100	8550	3520	13900	5950	7850	2220	4300
20	2740	3870	4650	9520	43000	8190	3320	12200	5410	6620	2100	4170
21	2680	4060	4180	10100	29100	7800	3180	8820	4990	5530	2110	4030
22	2620	4010	3880	9800	18300	7370	3060	6850	5000	4700	2230	3470
23	2540	3870	3720	8090	15300	7010	2940	5650	4820	4090	2500	2990
24	2480	3540	4000	6620	28200	6690	2860	4760	4760	3660	3560	2640
25	2420	3100	4120	5890	41100	6420	2780	4060	7380	3390	3740	2410
26	2690	2830	4490	6440	51100	6220	3060	3630	16300	3510	4190	2240
27	4100	2950	5010	9100	61600	5950	4260	3290	18000	3940	5150	2120
28	4290	6490	5130	14000	65500	5590	7380	3030	16000	4610	5070	2030
29	4280	14200	4790	15900	63700	5320	9570	2830	15500	4750	4350	1950
30	4040	19400	6320	15800	---	5330	14000	2680	19800	4640	4000	1860
31	3640	---	8340	13100	---	5450	---	2630	---	4410	4350	---
TOTAL	94970	116820	227390	322750	1109780	492410	135580	227980	323220	380820	107630	89510
MEAN	3064	3894	7335	10410	38270	15880	4519	7354	10770	12280	3472	2984
MAX	5050	19400	21100	15900	70300	57900	14000	18200	28900	32100	5150	5060
MIN	2360	2040	3720	5890	5500	5320	2780	2630	4000	3390	2100	1860
CFSM	0.46	0.59	1.11	1.58	5.81	2.41	0.69	1.12	1.63	1.86	0.53	0.45
IN.	0.54	0.66	1.28	1.82	6.26	2.78	0.77	1.29	1.82	2.15	0.61	0.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2004, BY WATER YEAR (WY)

MEAN	3249	5133	10190	15220	18780	20520	18240	10510	5511	5580	4049	3747
MAX	14660	21640	45210	45510	58660	47600	70770	49960	18580	34250	11500	15110
(WY)	2003	1949	1962	1998	1990	1961	1980	1991	1991	1940	1975	1979
MIN	714	914	1598	2328	2407	4671	3049	1679	1229	938	932	803
(WY)	2001	1964	1955	1956	2000	1955	1963	1963	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1931 - 2004	
ANNUAL TOTAL	4991860		3628860			
ANNUAL MEAN	13680		9915		10020	
HIGHEST ANNUAL MEAN					19410	1949
LOWEST ANNUAL MEAN					2921	2000
HIGHEST DAILY MEAN	74300	Feb 28	70300	Feb 16	176000	Feb 27 1961
LOWEST DAILY MEAN	2040	Nov 17	1860	Sep 30	648	Oct 30 2000
ANNUAL SEVEN-DAY MINIMUM	2200	Nov 12	2180	Sep 24	656	Oct 25 2000
MAXIMUM PEAK FLOW			70600	Feb 16	178000	Feb 27 1961
MAXIMUM PEAK STAGE			23.91	Feb 16	30.66	Feb 27 1961
INSTANTANEOUS LOW FLOW			1830	Sep 30	647	Aug 25 2000
ANNUAL RUNOFF (CFSM)	2.08		1.50		1.52	
ANNUAL RUNOFF (INCHES)	28.18		20.48		20.65	
10 PERCENT EXCEEDS	31100		22900		24800	
50 PERCENT EXCEEDS	8340		5030		5110	
90 PERCENT EXCEEDS	2820		2530		1590	

e Estimated

02479000 PASCAGOULA RIVER AT MERRILL, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.86	5.14	15.09	10.59	9.54	22.79	6.69	10.29	5.65	16.41	6.58	5.68
2	4.65	4.86	15.10	11.48	8.34	21.93	6.59	9.58	14.82	17.24	6.36	5.45
3	4.53	4.68	14.06	11.38	7.68	20.50	6.40	9.81	17.57	17.41	5.79	---
4	4.43	4.55	12.83	10.16	7.23	18.10	6.21	9.18	17.68	18.10	5.69	---
5	4.35	4.49	10.50	8.41	6.90	14.93	6.02	9.00	16.52	18.58	5.64	---
6	4.29	4.59	8.05	8.05	8.16	13.01	5.86	8.41	13.68	18.48	5.24	---
7	4.26	4.65	7.24	8.68	13.52	13.03	5.74	7.25	10.93	17.54	4.82	---
8	4.27	4.56	6.82	9.22	16.60	14.26	5.67	6.34	9.01	15.87	4.55	---
9	4.27	4.49	6.62	10.72	18.29	15.23	5.63	5.88	7.93	12.83	4.36	5.27
10	4.34	4.46	6.54	12.01	19.51	15.73	5.95	5.56	7.28	10.46	4.33	4.73
11	4.51	4.42	6.49	11.78	20.68	15.82	5.92	5.31	6.86	10.58	5.36	4.33
12	4.64	4.33	6.45	11.48	21.96	14.86	5.78	5.38	6.43	10.12	5.90	4.08
13	4.69	4.23	6.68	11.27	22.90	13.10	5.61	12.36	5.93	9.42	5.82	4.14
14	5.89	4.13	7.19	10.25	23.39	10.87	5.52	13.85	5.76	8.48	5.40	4.24
15	6.58	4.05	7.42	8.91	23.71	9.92	5.64	10.62	6.26	7.45	5.14	3.96
16	5.88	3.97	7.84	8.13	23.88	9.51	5.85	8.84	6.83	6.69	4.78	4.17
17	5.30	3.92	7.73	7.78	23.75	9.30	5.81	8.57	7.12	7.52	4.51	5.96
18	4.98	4.00	7.23	8.66	23.27	9.12	5.58	9.53	7.08	9.01	4.29	6.39
19	4.77	4.87	6.73	9.41	22.42	8.89	5.35	11.81	7.22	8.47	4.11	5.81
20	4.64	5.65	6.27	9.45	20.84	8.68	5.18	10.90	6.84	7.68	3.99	5.71
21	4.58	5.81	5.90	9.77	17.68	8.44	5.05	9.04	6.53	6.92	4.00	5.59
22	4.52	5.77	5.66	9.61	13.90	8.17	4.94	7.82	6.54	6.31	4.12	5.12
23	4.44	5.65	5.53	8.61	12.50	7.93	4.83	7.01	6.41	5.83	4.40	4.68
24	4.38	5.37	5.76	7.68	17.39	7.73	4.75	6.36	6.36	5.47	5.38	4.35
25	4.32	4.97	5.85	7.19	20.51	7.55	4.68	5.81	8.11	5.24	5.54	4.12
26	4.58	4.73	6.15	7.56	22.07	7.41	4.94	5.45	12.94	5.34	5.91	3.94
27	5.84	4.83	6.55	9.18	23.13	7.23	5.95	5.15	13.77	5.70	6.65	3.81
28	5.99	7.53	6.64	11.84	23.48	6.97	8.16	4.91	12.85	6.24	6.59	3.71
29	5.98	11.90	6.38	12.77	23.32	6.78	9.48	4.72	12.59	6.35	6.04	3.63
30	5.79	14.40	7.47	12.73	---	6.79	11.84	4.58	14.54	6.27	5.76	3.53
31	5.46	---	8.75	11.42	---	6.87	---	4.53	---	6.09	6.04	---
MEAN	4.90	5.37	7.86	9.88	17.81	11.66	6.05	7.87	9.60	10.13	5.26	---
MAX	6.58	14.40	15.10	12.77	23.88	22.79	11.84	13.85	17.68	18.58	6.65	---
MIN	4.26	3.92	5.53	7.19	6.90	6.78	4.68	4.53	5.65	5.24	3.99	---

02479130 BLACK CREEK NEAR BROOKLYN, MS

LOCATION.--Lat 31°03'07", long 89°12'15", in NW1/4 NE1/4 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 NGVD of 1929 (Mississippi State Highway Department bench mark).

REMARKS.--No estimated daily discharges. Records good. 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)
Feb. 26	0900	*7,070	*18.59	No other peaks greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	187	218	436	502	411	1210	257	320	1340	1080	226	270
2	174	210	353	426	357	1080	244	486	2390	2400	260	182
3	165	203	329	325	346	871	238	426	2280	2240	200	180
4	160	201	318	300	319	774	230	316	1570	1690	177	196
5	157	205	312	422	323	707	219	268	940	1310	160	215
6	155	211	299	572	2130	866	213	226	508	1100	150	194
7	157	211	291	454	1390	940	212	200	458	1010	150	159
8	167	208	287	408	882	812	213	182	584	1360	143	140
9	175	204	271	741	959	698	210	169	519	991	132	146
10	192	200	264	702	782	555	199	162	372	763	148	148
11	224	199	260	537	879	477	199	155	303	722	264	152
12	226	200	243	431	2650	445	223	405	259	505	271	148
13	211	199	279	353	2180	418	237	1670	226	380	243	141
14	199	191	420	318	1940	400	231	1310	226	322	202	159
15	189	187	366	301	1880	477	218	1170	354	283	174	172
16	178	188	331	286	1310	608	204	919	366	301	155	242
17	170	193	300	357	923	547	194	647	292	948	138	274
18	167	226	270	1070	730	428	185	1920	265	944	128	194
19	167	439	248	658	600	379	179	1270	240	781	123	138
20	163	399	230	478	533	352	174	760	270	415	120	121
21	162	339	227	382	489	332	172	483	233	300	129	112
22	182	288	235	327	443	310	171	355	204	257	176	103
23	185	248	251	305	1470	292	172	292	214	229	233	97
24	186	239	334	296	3420	279	170	256	248	213	215	96
25	182	253	305	340	5010	273	172	235	1370	205	183	94
26	414	268	285	506	6830	277	532	210	2290	264	223	92
27	516	543	268	451	5020	273	488	190	1680	409	200	89
28	405	1140	254	394	2400	274	375	176	1820	396	168	90
29	370	645	360	345	1550	267	338	166	1360	305	163	90
30	292	491	740	446	---	280	365	157	1320	241	161	88
31	246	---	580	514	---	272	---	162	---	210	305	---
TOTAL	6723	8946	9946	13947	48156	16173	7234	15663	24501	22574	5720	4522
MEAN	217	298	321	450	1661	522	241	505	817	728	185	151
MAX	516	1140	740	1070	6830	1210	532	1920	2390	2400	305	274
MIN	155	187	227	286	319	267	170	155	204	205	120	88
CFSM	0.61	0.84	0.90	1.27	4.68	1.47	0.68	1.42	2.30	2.05	0.52	0.42
IN.	0.70	0.94	1.04	1.46	5.05	1.69	0.76	1.64	2.57	2.37	0.60	0.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2004, BY WATER YEAR (WY)

MEAN	324	434	709	1008	1043	1049	951	618	462	408	294	307
MAX	1142	944	2141	2417	2304	2025	3968	2355	1378	1737	866	896
(WY)	1986	1987	1972	1993	1990	1980	1983	1991	2001	2003	1987	1974
MIN	43.6	138	257	248	140	243	219	75.0	90.7	54.1	60.6	58.9
(WY)	2001	2000	2001	1981	2000	2000	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1971 - 2004	
ANNUAL TOTAL	253337		184105			
ANNUAL MEAN	694		503		632	
HIGHEST ANNUAL MEAN					998	1980
LOWEST ANNUAL MEAN					159	2000
HIGHEST DAILY MEAN	10300	Jul 2	6830	Feb 26	32200	Apr 8 1983
LOWEST DAILY MEAN	155	Oct 6	88	Sep 30	32	Aug 25 2000
ANNUAL SEVEN-DAY MINIMUM	162	Oct 2	91	Sep 24	36	Sep 30 2000
MAXIMUM PEAK FLOW			7070	Feb 26	42500	Apr 7 1983
MAXIMUM PEAK STAGE			18.59	Feb 26	29.96	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.96		1.42		1.78	
ANNUAL RUNOFF (INCHES)	26.55		19.29		24.19	
10 PERCENT EXCEEDS	1530		1110		1370	
50 PERCENT EXCEEDS	399		278		342	
90 PERCENT EXCEEDS	204		160		117	

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

LOCATION.--Lat 31°01'31", long 89°01'00", in NE1/4 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.

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 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Oct. 2-6, 18-24, Nov. 1-4, 10-17, 21-23, Dec. 1-9, 16, 17, 26-29, Jan. 3-5, 12, 13, 21-23, Feb. 2, 3, 9, 10, 19-22, Mar. 3, 4, 7-24, Aug. 17-20, and Sept. 2, 3, 7-12 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)
May 13	0930	*2,640	*21.05	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	e18	e42	50	62	142	37	128	260	308	425	21
2	e19	e17	e32	41	e50	197	28	198	667	261	124	e12
3	e17	e16	e30	e36	e42	e146	24	125	378	247	49	e10
4	e15	e17	e28	e33	34	e118	23	56	285	168	30	21
5	e16	19	e26	e40	38	113	21	34	142	145	24	28
6	e17	21	e25	92	232	141	19	24	100	310	20	17
7	19	23	e24	58	217	e146	19	19	131	181	17	e10
8	21	23	e23	49	113	e98	22	16	112	124	16	e9.5
9	23	21	e32	151	e72	e70	21	15	82	95	15	e9.0
10	26	e19	48	131	e62	e62	18	13	60	77	15	e8.7
11	33	e18	59	78	154	e58	20	17	54	63	20	e8.4
12	38	e17	55	e56	441	e56	26	414	71	50	22	e8.2
13	33	e16	62	e38	269	e54	26	1830	60	43	20	9.5
14	27	e15	101	35	196	e56	22	310	106	36	16	10
15	24	e14	61	35	207	e64	19	197	386	32	13	11
16	21	e13	e42	36	158	e70	16	215	217	29	12	90
17	19	e12	e35	71	115	e52	15	159	103	126	e10	142
18	e18	24	29	215	103	e48	14	237	67	119	e9.5	42
19	e17	74	28	121	e84	e44	14	216	57	55	e9.0	24
20	e16	37	31	74	e62	e38	13	178	121	39	e8.5	16
21	e15	e28	34	e58	e54	e34	13	122	94	30	12	14
22	e14	e26	36	e46	e48	e31	13	95	216	25	15	12
23	e13	e23	40	e36	286	e28	12	75	186	21	15	12
24	e12	17	78	32	503	e26	11	80	138	19	15	11
25	16	18	68	57	485	26	14	69	434	17	19	11
26	47	19	e50	110	568	25	109	54	755	32	17	9.7
27	82	100	e40	67	226	24	69	46	435	129	16	9.3
28	37	269	e38	46	169	24	29	40	381	57	15	9.0
29	28	119	e48	44	142	28	61	37	300	32	21	8.7
30	23	58	159	79	---	111	194	34	295	23	41	8.5
31	21	---	85	98	---	70	---	41	---	30	36	---
TOTAL	748	1111	1489	2113	5192	2200	942	5094	6693	2923	1097.0	612.5
MEAN	24.1	37.0	48.0	68.2	179	71.0	31.4	164	223	94.3	35.4	20.4
MAX	82	269	159	215	568	197	194	1830	755	310	425	142
MIN	12	12	23	32	34	24	11	13	54	17	8.5	8.2
CFSM	0.46	0.70	0.91	1.30	3.40	1.35	0.60	3.12	4.24	1.79	0.67	0.39
IN.	0.53	0.79	1.05	1.49	3.67	1.56	0.67	3.60	4.73	2.07	0.78	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

MEAN	41.6	60.5	112	154	158	171	147	90.8	59.7	52.0	40.5	50.8
MAX	287	236	265	442	417	383	637	558	296	289	131	229
(WY)	1986	1980	1972	1993	1990	1980	1983	1991	1989	2003	1975	1979
MIN	3.55	8.58	25.8	24.5	18.0	40.9	22.8	6.00	8.78	6.95	7.20	4.17
(WY)	2001	1982	1991	1981	2000	2000	2001	2000	1968	2000	1981	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	38888		30214.5			
ANNUAL MEAN	107		82.6		94.5	
HIGHEST ANNUAL MEAN					175	1980
LOWEST ANNUAL MEAN					22.8	2000
HIGHEST DAILY MEAN	4590	Jul 1	1830	May 13	8820	Apr 7 1983
LOWEST DAILY MEAN	12	Oct 24	8.2	Sep 12	2.8	Oct 4 2000
ANNUAL SEVEN-DAY MINIMUM	15	Oct 19	9.0	Sep 7	3.0	Sep 29 2000
MAXIMUM PEAK FLOW			2640	May 13	13000	Apr 4 1979
MAXIMUM PEAK STAGE			21.05	May 13	29.51	Apr 7 1983
INSTANTANEOUS LOW FLOW			8.2	Sep 12	2.7	Oct 4 2000
ANNUAL RUNOFF (CFSM)	2.03		1.57		1.80	
ANNUAL RUNOFF (INCHES)	27.50		21.37		24.42	
10 PERCENT EXCEEDS	213		201		194	
50 PERCENT EXCEEDS	54		37		36	
90 PERCENT EXCEEDS	19		13		9.8	

e Estimated

02479160 BLACK CREEK NEAR WIGGINS, MS

LOCATION.--Lat 30°51'12", long 88°54'49", in SE1/4 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 NGVD of 1929. Prior to 1978 water year, at datum 0.05 ft lower.

REMARKS.--Estimated daily discharges: May 24-27. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood (believed to be that of July 1916) reached a stage of 30.5 ft, from Mississippi State Highway Department plans. The flood of June 3, 1959, reached a stage of 25.88 ft, and the flood of Feb. 19, 1961, 25.83 ft from floodmarks, discharge, about 26,000 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)
Feb. 28	0300	*9,080	*20.72	May 14	0530	7,380	19.29

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	458	478	823	990	1010	2710	563	1470	1550	3370	662	453
2	421	431	713	830	822	2610	492	1880	5360	3750	850	387
3	400	406	604	713	742	2300	458	1490	5580	4380	531	320
4	389	390	564	603	700	1880	441	914	4170	3730	399	323
5	381	396	544	570	672	1670	421	646	2530	2570	348	376
6	377	415	526	1030	1850	1650	403	525	1740	2930	317	378
7	382	414	506	1060	4150	2050	396	442	1570	2820	296	343
8	393	400	494	809	2290	1750	404	387	1420	2480	287	294
9	411	386	495	1110	1600	1480	404	350	1380	2290	281	264
10	456	377	548	1620	1530	1290	388	323	1090	1890	281	262
11	591	369	558	1210	1420	1090	377	322	816	1650	305	261
12	600	366	512	925	3990	983	404	973	728	1300	550	271
13	538	365	506	769	5010	921	445	6680	636	935	525	370
14	486	353	818	669	3720	862	445	6470	612	761	439	336
15	455	340	859	613	3390	847	418	3250	1540	664	360	467
16	425	335	685	577	2820	964	391	2800	1990	590	317	667
17	399	339	606	608	2030	1120	367	1980	1210	1340	289	808
18	385	372	551	1860	1610	948	351	2460	883	2170	267	670
19	377	605	501	1950	1360	795	338	4560	785	1570	253	428
20	369	795	463	1250	1190	719	327	2780	922	1110	255	307
21	358	639	435	955	1090	665	320	1660	858	706	284	264
22	350	544	429	801	997	617	315	1120	818	557	297	240
23	363	478	497	710	1880	569	309	868	797	483	352	226
24	365	432	681	662	5500	538	305	e790	764	436	429	216
25	363	423	709	669	6140	526	306	e710	2270	408	439	211
26	473	433	588	1010	7010	518	579	e630	5490	483	366	205
27	1170	488	529	1040	8540	515	1070	e550	5380	1100	396	199
28	966	2030	494	850	8710	504	767	475	4320	1090	374	192
29	710	1960	517	744	4900	502	1050	433	3430	731	346	188
30	640	1080	1300	765	---	641	1930	403	3860	552	360	189
31	555	---	1410	1160	---	723	---	401	---	451	450	---
TOTAL	15006	16839	19465	29132	86673	34957	15184	48742	64499	49297	11905	10115
MEAN	484	561	628	940	2989	1128	506	1572	2150	1590	384	337
MAX	1170	2030	1410	1950	8710	2710	1930	6680	5580	4380	850	808
MIN	350	335	429	570	672	502	305	322	612	408	253	188
CFSM	0.69	0.80	0.90	1.34	4.26	1.61	0.72	2.24	3.07	2.27	0.55	0.48
IN.	0.80	0.89	1.03	1.55	4.60	1.86	0.81	2.59	3.42	2.62	0.63	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2004, BY WATER YEAR (WY)

MEAN	641	881	1396	1984	2104	2212	2009	1284	936	822	617	680
MAX	2574	2354	4218	4909	5288	3986	7713	5400	2376	3800	1960	2277
(WY)	1976	1986	1972	1993	1990	1980	1980	1991	2001	2003	1975	1979
MIN	75.9	242	480	450	271	481	356	135	153	115	115	103
(WY)	2001	1982	2001	1981	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1972 - 2004	
ANNUAL TOTAL	553205		401814			
ANNUAL MEAN	1516		1098		1293	
HIGHEST ANNUAL MEAN					2307	1980
LOWEST ANNUAL MEAN					301	2000
HIGHEST DAILY MEAN	15600	Jul 2	8710	Feb 28	39800	Apr 9 1983
LOWEST DAILY MEAN	335	Nov 16	188	Sep 29	65	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	352	Nov 11	200	Sep 24	68	Oct 29 2000
MAXIMUM PEAK FLOW			9080	Feb 28	43900	Apr 8 1983
MAXIMUM PEAK STAGE			20.72	Feb 28	28.81a	Apr 8 1983
INSTANTANEOUS LOW FLOW			185	Sep 29	63	Aug 27 2000
ANNUAL RUNOFF (CFSM)	2.16		1.57		1.84	
ANNUAL RUNOFF (INCHES)	29.36		21.32		25.06	
10 PERCENT EXCEEDS	3500		2500		2820	
50 PERCENT EXCEEDS	898		604		699	
90 PERCENT EXCEEDS	411		323		231	

e Estimated
a To present datum.

02479300 RED CREEK AT VESTRY, MS

LOCATION.--Lat 30°44'10", long 88°46'52", 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 NGVD of 1929.

REMARKS.--No estimated daily discharge. Records good. 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)
Feb. 26	0330	4,860	14.37	May 15	0400	*7,920	*15.35
May 1	2300	6,000	14.78	May 20	1645	5,150	14.48

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	319	409	696	835	741	1580	462	5300	779	2840	440	482
2	299	383	522	632	637	1330	403	5250	2050	3180	383	408
3	281	363	451	541	549	1510	371	4000	2890	3000	425	370
4	273	350	416	495	498	1230	355	2290	3040	2380	366	351
5	264	344	396	466	474	1030	342	1140	3090	1720	322	354
6	258	350	377	470	820	952	332	802	1950	1560	295	353
7	255	350	362	595	2010	1020	327	643	1680	1380	281	342
8	258	338	353	584	2000	981	337	545	1180	2140	266	323
9	269	325	352	646	1380	810	339	481	998	2560	259	306
10	305	316	387	871	898	698	328	435	1060	2060	286	297
11	510	308	429	804	824	636	322	604	791	1810	383	275
12	702	304	411	635	2220	595	333	1470	658	1380	1110	255
13	542	303	404	535	3290	566	361	3710	624	943	889	250
14	424	297	589	484	3170	541	373	5850	587	711	540	311
15	366	287	696	454	2800	535	349	7030	1200	600	406	401
16	330	282	594	431	2240	605	325	4680	1650	533	348	538
17	303	283	502	467	1460	694	308	3350	1100	508	319	648
18	285	300	445	1410	1090	698	296	2600	783	548	299	552
19	273	436	406	1660	909	631	287	3520	1480	620	286	423
20	263	520	379	1180	802	543	279	4900	2130	538	284	343
21	255	473	361	832	732	500	272	3980	1720	461	462	300
22	250	408	349	642	670	468	268	1850	1170	416	624	275
23	242	365	349	555	1010	441	263	1100	1130	388	509	258
24	236	340	518	507	3170	424	257	869	1100	365	536	247
25	230	331	663	484	4450	411	255	803	2480	346	921	239
26	383	329	548	581	4680	405	733	740	3080	337	593	231
27	1700	349	466	703	4330	398	1560	636	3600	536	486	224
28	1270	742	417	609	4040	388	1100	565	3700	439	409	216
29	721	1220	461	509	2750	382	801	514	3680	488	393	209
30	549	958	1150	479	---	384	2580	475	3040	423	420	205
31	460	---	1180	624	---	436	---	458	---	413	436	---
TOTAL	13075	12363	15629	20720	54644	21822	14918	70590	54420	35623	13976	9986
MEAN	422	412	504	668	1884	704	497	2277	1814	1149	451	333
MAX	1700	1220	1180	1660	4680	1580	2580	7030	3700	3180	1110	648
MIN	230	282	349	431	474	382	255	435	587	337	259	205
CFSM	0.96	0.93	1.14	1.52	4.27	1.60	1.13	5.16	4.11	2.61	1.02	0.75
IN.	1.10	1.04	1.32	1.75	4.61	1.84	1.26	5.95	4.59	3.00	1.18	0.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2004, BY WATER YEAR (WY)

MEAN	435	565	924	1260	1426	1416	1188	876	624	594	549	582
MAX	1801	1798	3933	3597	3478	3049	4692	4464	2159	2788	2994	2208
(WY)	1976	1962	1962	1998	1990	1961	1980	1991	1959	2003	1987	1998
MIN	69.2	118	266	266	227	361	204	115	97.9	102	108	97.9
(WY)	2001	1964	1982	1981	2000	2000	1963	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1958 - 2004	
ANNUAL TOTAL	390387		337766			
ANNUAL MEAN	1070		923		866	
HIGHEST ANNUAL MEAN					1492	1980
LOWEST ANNUAL MEAN					200	2000
HIGHEST DAILY MEAN	13000	Jul 2	7030	May 15	25100	Aug 16 1987
LOWEST DAILY MEAN	230	Oct 25	205	Sep 30	63	Oct 27 2000
ANNUAL SEVEN-DAY MINIMUM	250	Oct 19	224	Sep 24	63	Oct 26 2000
MAXIMUM PEAK FLOW			7920	May 15	28000	Aug 15 1987
MAXIMUM PEAK STAGE			15.35	May 15	21.48	Aug 15 1987
INSTANTANEOUS LOW FLOW			202	Sep 30	62	Oct 29 2000
ANNUAL RUNOFF (CFSM)	2.43		2.09		1.96	
ANNUAL RUNOFF (INCHES)	32.93		28.49		26.67	
10 PERCENT EXCEEDS	2320		2320		1880	
50 PERCENT EXCEEDS	624		508		463	
90 PERCENT EXCEEDS	308		283		177	

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS

LOCATION.--Lat 30°36'38", long 88°38'29", in NE1/4 SE1/4 sec.38, 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. Occasional discharge measurements since 1958.

GAGE.--Water-stage recorder and Acoustic Velocity meter. Datum of gage is NGVD of 1929.

REMARKS.--Estimated daily discharges: Dec. 17-21, 31 and Nov. 1-7, 24-28. Records good above 8,000 ft^3/s and fair below 8,000 ft^3/s 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 42,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 17	0930	*69,300	*16.23	Mar. 1	0130	68,600	16.21

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4470	e5380	17600	11400	16200	66500	6760	16800	4260	29000	6250	6200
2	3960	e4770	20100	13200	14100	61800	6520	18500	10200	30800	6740	5750
3	3650	e4360	21300	14400	11700	56000	6190	19200	16400	33000	6860	5180
4	3370	e4080	21300	14700	9700	50200	5850	18300	23800	34500	5930	4580
5	3280	e3910	19600	13500	8670	42700	5530	16100	30200	35400	5290	4220
6	3150	e4000	16000	11100	8360	34500	5270	13600	34000	36700	4790	3990
7	2980	e3910	11700	9790	10500	27200	5010	11200	31600	37000	4390	3790
8	3030	3860	8900	10400	16400	23100	4890	8880	25200	36300	3940	3920
9	2930	3760	7240	11300	22200	22200	4830	6500	18700	34700	3680	4420
10	3190	3670	7100	13100	27300	22600	4800	5630	14100	29900	3600	4250
11	3630	3650	6850	15200	31500	23400	5050	5460	11200	23900	4270	3780
12	4250	3600	6730	16200	37000	24100	5150	6330	9100	19700	6360	3370
13	4350	3560	6640	16000	43800	23700	5090	10100	7970	16900	7090	2960
14	4280	3290	7200	15300	54000	21500	4840	17900	7240	14400	6560	3090
15	5200	3180	8350	13900	62300	17600	4730	26500	7530	11900	5510	3220
16	6050	3160	8760	11800	66600	14400	4820	28600	8570	9500	4650	3770
17	e5050	3160	8860	10300	67900	12600	4980	24400	9420	8620	4060	4780
18	e4530	3140	8540	10500	66400	11700	4880	20100	9650	12400	3700	6660
19	e4200	3660	7430	11900	62000	11200	4600	18100	9170	13400	3380	6930
20	e4000	4580	6940	13300	56600	10600	4340	19300	9610	12400	3100	5950
21	e3910	5540	6200	13600	50400	9910	4100	20500	9630	10700	3420	5320
22	3500	5800	5640	13300	41700	9270	3930	19000	9240	8820	3950	4970
23	3310	5680	5270	12500	33200	8750	3830	15400	8770	7190	3910	4410
24	3330	e5200	5390	11000	27800	8390	3640	11800	8550	5920	4190	3890
25	3220	e4560	6010	9500	29400	8150	3620	9020	9010	5110	5730	3370
26	3670	e4160	6210	8620	37900	7290	4040	6800	12000	4670	6040	3050
27	5150	e4340	6370	8910	47900	7240	5280	5940	17500	5470	6040	2750
28	6700	e7800	6720	10800	56400	7110	7000	5160	22800	6840	6690	2690
29	7020	9580	6890	13700	64600	6870	9100	4590	26500	7350	6760	2560
30	6750	13700	7480	15700	---	6540	12400	4220	27700	7230	6010	2520
31	e6080	---	9500	16700	---	6640	---	3950	---	6680	5750	---
TOTAL	132190	143040	298820	391620	1082530	663760	161070	417880	449620	556400	158640	126340
MEAN	4264	4768	9639	12630	37330	21410	5369	13480	14990	17950	5117	4211
MAX	7020	13700	21300	16700	67900	66500	12400	28600	34000	37000	7090	6930
MIN	2930	3140	5270	8620	8360	6540	3620	3950	4260	4670	3100	2520
CFSM	0.52	0.58	1.17	1.54	4.55	2.61	0.65	1.64	1.83	2.19	0.62	0.51
IN.	0.60	0.65	1.35	1.78	4.91	3.01	0.73	1.89	2.04	2.52	0.72	0.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

MEAN	5814	7595	11600	17420	22940	27300	14300	9142	9004	9139	4661	4984
MAX	21040	29480	26130	56210	40350	49610	25440	25690	20330	33840	11360	16360
(WY)	2003	2003	2003	1998	1994	2001	1994	1997	1997	2003	2003	2001
MIN	1104	2037	3336	6502	3741	6743	5369	2384	1497	1374	1432	1330
(WY)	2001	2000	2000	2000	2000	2000	2004	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	6159110		4581910			
ANNUAL MEAN	16870		12520		12320	
HIGHEST ANNUAL MEAN					21730	2003
LOWEST ANNUAL MEAN					3751	2000
HIGHEST DAILY MEAN	70400	Mar 3	67900	Feb 17	118000	Mar 9 2001
LOWEST DAILY MEAN	2930	Oct 9	2520	Sep 30	936	Nov 1 2000
ANNUAL SEVEN-DAY MINIMUM	3130	Oct 4	2980	Sep 24	969	Oct 29 2000
MAXIMUM PEAK FLOW			69300	Feb 17	123000	Mar 9 2001
MAXIMUM PEAK STAGE			16.23	Feb 17	17.56	Mar 9 2001
INSTANTANEOUS LOW FLOW			2040	Sep 29	234	Oct 29 2000
ANNUAL RUNOFF (CFSM)	2.06		1.53		1.50	
ANNUAL RUNOFF (INCHES)	27.93		20.78		20.40	
10 PERCENT EXCEEDS	35600		29100		30200	
50 PERCENT EXCEEDS	11800		7200		6950	
90 PERCENT EXCEEDS	4270		3650		2110	

e Estimated

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997, 2003 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: September 2003 to current year.
WATER TEMPERATURE: September 2003 to current year.

INSTRUMENTATION.--Water-quality monitor since September 2003.

REMARKS.--Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR SEPTEMBER 2003.--
SPECIFIC CONDUCTANCE: Maximum recorded, 97 microsiemens, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 55 microsiemens, Sept. 26, 27, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 27.5 °C, Sept. 14, but may have been higher during periods of instrument malfunction; minimum recorded, 23.4 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
SPECIFIC CONDUCTANCE: Maximum recorded, 106 microsiemens, Apr. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 31 microsiemens, Feb. 27-Mar. 1, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 31.1 °C, Aug. 6, but may have been higher during periods of instrument malfunction; minimum recorded, 8.3 °C, Jan. 12, 13, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, SEPTEMBER 2003

Specific Conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	88	81	84
13	---	---	---	---	---	---	---	---	---	87	76	82
14	---	---	---	---	---	---	---	---	---	84	75	79
15	---	---	---	---	---	---	---	---	---	81	67	77
16	---	---	---	---	---	---	---	---	---	68	56	59
17	---	---	---	---	---	---	---	---	---	62	56	58
18	---	---	---	---	---	---	---	---	---	75	61	67
19	---	---	---	---	---	---	---	---	---	83	73	78
20	---	---	---	---	---	---	---	---	---	89	80	85
21	---	---	---	---	---	---	---	---	---	96	86	89
22	---	---	---	---	---	---	---	---	---	97	84	92
23	---	---	---	---	---	---	---	---	---	86	81	83
24	---	---	---	---	---	---	---	---	---	86	79	84
25	---	---	---	---	---	---	---	---	---	79	56	65
26	---	---	---	---	---	---	---	---	---	59	55	57
27	---	---	---	---	---	---	---	---	---	64	55	60
28	---	---	---	---	---	---	---	---	---	70	62	68
29	---	---	---	---	---	---	---	---	---	73	67	70
30	---	---	---	---	---	---	---	---	---	74	71	73
31	---	---	---	---	---	---	---	---	---	---	---	---

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific Conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	78	72	75	84	75	79	63	54	57	70	64	67
2	82	75	79	88	78	85	54	51	53	72	64	66
3	85	79	82	83	79	81	51	50	51	73	67	70
4	87	82	85	83	81	82	53	51	52	67	61	63
5	90	84	88	87	81	84	55	53	54	64	61	63
6	92	87	90	92	81	87	56	55	55	69	63	65
7	97	90	92	95	87	92	62	56	58	77	67	72
8	95	92	94	94	87	92	66	59	62	77	69	74
9	97	93	95	94	---	---	69	61	65	77	71	74
10	---	---	---	94	---	---	72	65	69	78	68	75
11	---	---	---	94	84	92	76	66	71	68	59	62
12	88	80	84	90	73	83	78	71	76	62	59	60
13	82	78	80	86	76	83	79	72	77	67	62	65
14	86	---	---	90	84	88	78	75	77	67	66	67
15	93	86	90	90	84	89	76	71	74	66	66	66
16	90	69	83	98	84	88	73	69	71	68	66	67
17	72	67	70	103	---	---	72	70	71	70	---	---
18	78	69	74	99	---	---	75	70	73	69	66	68
19	77	73	75	100	85	96	76	70	74	66	62	64
20	87	74	78	85	75	78	78	70	73	62	58	60
21	90	83	87	79	71	74	80	71	77	67	58	62
22	92	82	88	81	77	79	82	---	---	73	65	71
23	96	90	94	83	78	81	87	---	---	72	70	71
24	96	88	92	82	78	81	88	---	---	71	69	70
25	95	---	---	91	80	86	91	82	88	73	70	71
26	---	---	---	87	80	84	82	77	79	75	71	73
27	94	74	83	---	---	---	85	81	83	75	72	74
28	81	72	76	85	---	---	89	85	86	80	72	76
29	75	71	73	87	62	78	91	---	---	77	70	73
30	78	73	75	74	53	62	84	71	78	70	65	68
31	78	73	74	---	---	---	71	64	68	65	62	63
		FEBRUARY			MARCH			APRIL			MAY	
1	63	63	63	33	31	32	93	86	89	64	47	52
2	63	62	62	37	33	35	86	82	84	48	43	46
3	65	62	63	40	37	39	87	83	85	47	43	44
4	69	64	66	43	40	42	87	83	86	49	43	47
5	71	68	71	48	43	45	87	83	85	51	44	48
6	77	61	70	53	48	50	89	84	86	59	51	55
7	77	65	72	57	53	55	89	83	86	66	59	63
8	68	49	55	60	57	59	87	83	85	66	62	64
9	50	45	47	63	59	60	91	84	88	67	62	64
10	46	40	43	63	58	61	91	87	90	75	65	69
11	40	35	37	58	55	57	92	89	91	78	---	---
12	35	34	34	55	54	55	91	87	89	72	---	---
13	35	34	34	57	55	56	91	85	88	69	---	---
14	34	33	34	60	57	58	91	86	88	67	35	45
15	35	33	33	65	60	62	96	91	93	35	32	33
16	34	33	33	70	65	68	97	93	95	36	33	35
17	35	33	34	71	70	71	96	94	95	43	36	39
18	37	35	36	71	70	71	96	90	92	56	43	51
19	40	37	39	72	71	72	90	87	88	57	54	56
20	43	40	42	74	72	72	90	86	88	58	45	49
21	46	43	44	74	73	73	94	90	91	45	43	44
22	49	46	47	75	74	74	96	91	94	47	43	44
23	52	49	50	76	74	75	101	91	96	52	47	49
24	53	51	53	76	74	75	99	92	96	58	51	56
25	51	34	41	79	76	77	104	94	100	61	57	59
26	34	33	34	80	77	78	103	98	100	67	57	63
27	34	31	33	81	77	79	99	82	90	72	65	70
28	31	31	31	82	78	80	96	82	86	76	70	73
29	31	31	31	84	79	81	106	---	---	79	73	76
30	---	---	---	84	79	82	70	---	---	83	79	80
31	---	---	---	91	83	85	---	---	---	---	---	---

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific Conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	---	---	49	42	45	78	---	---	76	68	72
2	86	---	---	42	41	41	80	74	77	74	67	70
3	81	37	45	43	41	42	74	60	69	75	67	71
4	41	37	39	44	42	44	69	52	63	85	72	76
5	51	41	48	45	44	44	82	62	77	87	80	84
6	48	44	45	47	45	45	88	79	85	81	72	78
7	48	45	46	48	45	47	87	75	82	81	73	76
8	52	48	50	49	47	48	80	74	78	89	81	87
9	53	51	52	49	49	49	---	---	---	88	80	83
10	59	53	56	51	49	50	82	---	---	87	80	85
11	61	58	59	54	50	52	82	74	80	87	78	86
12	---	---	---	58	54	55	80	71	77	87	78	86
13	---	---	---	56	55	55	78	70	73	90	84	88
14	---	---	---	61	55	58	86	76	82	93	88	91
15	---	---	---	62	60	61	83	68	73	93	85	90
16	---	---	---	65	61	63	77	63	72	89	---	---
17	67	60	63	69	64	66	86	65	80	76	67	71
18	64	60	62	66	47	55	90	71	85	76	67	72
19	64	61	62	60	54	56	87	82	85	69	62	64
20	63	52	59	61	59	60	86	---	---	65	61	63
21	53	---	---	66	61	63	88	---	---	70	62	67
22	54	---	---	68	63	65	86	73	80	82	---	---
23	62	---	---	76	63	67	85	---	---	84	---	---
24	61	---	---	80	66	73	93	85	90	81	---	---
25	62	---	---	81	---	---	91	75	81	85	---	---
26	71	58	61	87	---	---	75	67	70	91	---	---
27	72	43	52	88	77	85	81	71	78	96	86	93
28	43	41	42	78	74	77	80	70	73	100	93	97
29	41	39	40	75	71	72	72	66	69	101	92	99
30	45	40	42	75	72	74	69	65	67	102	89	100
31	---	---	---	77	---	---	74	69	71	---	---	---

WATER-QUALITY DATA, SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	27.4	26.8	27.1
13	---	---	---	---	---	---	---	---	---	27.4	26.8	27.1
14	---	---	---	---	---	---	---	---	---	27.5	26.7	27.0
15	---	---	---	---	---	---	---	---	---	27.1	26.4	26.9
16	---	---	---	---	---	---	---	---	---	26.4	25.5	25.9
17	---	---	---	---	---	---	---	---	---	25.8	25.1	25.5
18	---	---	---	---	---	---	---	---	---	26.4	25.4	25.9
19	---	---	---	---	---	---	---	---	---	27.0	26.0	26.4
20	---	---	---	---	---	---	---	---	---	27.2	26.6	26.9
21	---	---	---	---	---	---	---	---	---	27.0	26.8	26.9
22	---	---	---	---	---	---	---	---	---	26.9	26.1	26.5
23	---	---	---	---	---	---	---	---	---	26.1	25.2	25.6
24	---	---	---	---	---	---	---	---	---	25.5	24.9	25.2
25	---	---	---	---	---	---	---	---	---	25.1	24.7	24.9
26	---	---	---	---	---	---	---	---	---	25.3	24.7	25.0
27	---	---	---	---	---	---	---	---	---	25.8	25.2	25.5
28	---	---	---	---	---	---	---	---	---	26.0	25.5	25.7
29	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
30	---	---	---	---	---	---	---	---	---	24.5	23.4	23.8
31	---	---	---	---	---	---	---	---	---	---	---	---

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.4	22.8	23.0	20.4	19.5	20.0	13.4	13.0	13.3	11.3	10.8	11.0
2	22.9	21.8	22.2	20.9	20.0	20.4	13.2	12.6	12.8	11.4	10.8	11.0
3	21.8	21.0	21.4	20.9	20.2	20.6	12.6	11.8	12.1	12.5	11.4	11.8
4	22.0	21.1	21.6	21.0	20.5	20.8	11.8	11.5	11.6	13.7	12.5	13.1
5	22.4	21.4	21.9	21.4	20.9	21.1	11.5	11.3	11.4	14.4	13.7	14.2
6	22.7	22.0	22.4	22.1	21.3	21.7	11.4	10.8	11.1	14.2	12.8	13.5
7	23.0	22.3	22.7	22.1	21.7	21.9	10.8	10.4	10.6	12.8	11.4	12.0
8	23.1	22.7	22.9	21.9	21.5	21.7	10.5	10.1	10.3	11.4	10.3	10.8
9	22.9	22.6	22.7	21.5	21.0	21.2	10.8	10.4	10.5	10.3	9.9	10.1
10	22.6	22.4	22.5	21.0	20.6	20.8	11.2	10.8	11.0	9.9	9.6	9.8
11	22.4	22.2	22.3	20.9	20.3	20.7	11.0	10.6	10.8	9.6	8.8	9.2
12	22.6	22.0	22.3	21.1	20.5	20.8	10.7	10.4	10.6	8.8	8.3	8.5
13	22.9	22.3	22.6	21.0	19.8	20.5	10.5	10.3	10.4	8.7	8.3	8.5
14	23.2	22.6	22.9	19.8	18.5	19.0	10.3	9.7	10.1	8.9	8.6	8.7
15	22.9	22.2	22.5	18.5	17.6	18.0	9.7	9.3	9.5	9.3	8.9	9.1
16	22.2	21.3	21.7	18.0	17.5	17.8	10.0	9.5	9.7	9.6	9.2	9.4
17	21.3	20.7	21.0	18.1	17.6	17.8	9.9	9.5	9.7	10.3	9.6	9.9
18	20.8	20.3	20.6	18.7	18.1	18.4	9.6	9.2	9.4	11.3	10.3	10.9
19	20.5	19.9	20.2	18.6	17.8	18.2	9.4	9.1	9.2	11.6	11.3	11.4
20	20.7	19.9	20.3	17.8	17.1	17.4	9.1	8.7	8.9	11.3	10.6	10.9
21	20.9	20.1	20.6	17.2	16.7	16.9	8.9	8.4	8.7	10.6	10.0	10.3
22	21.4	20.5	20.9	16.9	16.4	16.6	9.5	8.8	9.1	10.0	9.5	9.7
23	21.7	21.0	21.4	17.0	16.4	16.7	10.2	9.5	9.8	9.6	9.3	9.5
24	22.0	21.3	21.6	16.9	15.8	16.5	10.6	10.0	10.2	9.8	9.4	9.6
25	22.2	21.7	22.0	15.8	14.6	15.1	10.3	9.8	10	10.8	9.8	10.3
26	22.4	21.9	22.2	14.6	14.0	14.3	9.9	9.5	9.7	11.4	10.8	11.1
27	22.2	20.8	21.5	14.7	14.3	14.5	9.6	9.2	9.4	11.6	11.2	11.4
28	20.8	19.5	20.2	14.8	14.2	14.6	10.1	9.3	9.6	11.2	10.3	10.8
29	19.5	18.8	19.1	14.2	13.5	13.7	11.0	10.1	10.6	10.3	9.9	10.1
30	19.4	18.7	19.0	13.6	13.2	13.4	11.6	11.0	11.3	10.3	10.0	10.1
31	19.9	18.9	19.4	---	---	---	11.6	11.2	11.4	10.3	9.8	9.9
		FEBRUARY			MARCH			APRIL			MAY	
1	9.8	9.5	9.6	12.7	12.0	12.4	20.5	19.7	20.0	20.8	20.2	20.4
2	9.9	9.5	9.7	13.5	12.7	13.1	19.8	19.2	19.5	20.5	20.2	20.4
3	10.5	9.8	10.1	14.2	13.5	13.8	19.4	18.8	19.1	20.2	19.8	20.0
4	10.5	10.2	10.3	15.6	14.2	14.8	19.4	18.6	19.0	20.0	19.4	19.7
5	12.0	10.5	11.1	16.8	15.6	16.2	19.2	18.6	18.9	20.5	19.6	20.0
6	13.1	12.0	12.8	18.2	16.8	17.5	19.6	18.6	19.1	21.7	20.5	21.1
7	12.9	12.5	12.7	18.7	18.1	18.4	20.2	19.2	19.6	22.8	21.6	22.1
8	12.6	11.5	12.0	18.6	18.1	18.3	21.1	19.9	20.4	23.7	22.6	23.1
9	11.6	11.2	11.5	18.2	17.6	17.8	21.7	20.7	21.2	24.8	23.6	24.1
10	11.4	11.3	11.4	17.6	16.8	17.0	22.6	21.5	22.0	25.2	24.4	24.8
11	11.3	11.1	11.1	16.9	16.3	16.6	22.5	22.0	22.2	25.1	23.6	24.5
12	11.1	10.7	11.0	16.6	16.0	16.3	22.4	21.6	22.0	23.6	23.0	23.3
13	10.7	10.5	10.6	16.5	16.0	16.2	22.1	19.8	20.9	23.4	22.5	22.9
14	10.6	10.5	10.6	16.4	16.1	16.3	19.8	18.8	19.2	22.9	21.7	22.2
15	10.6	9.8	10.2	16.7	16.3	16.5	19.3	18.5	18.9	22.0	21.8	21.9
16	9.8	9.6	9.7	17.4	16.6	17.0	19.7	18.6	19.1	22.4	21.8	22.1
17	9.6	9.4	9.5	17.6	17.0	17.3	20.4	19.2	19.8	22.9	22.2	22.5
18	9.6	9.1	9.3	18.1	17.4	17.7	21.3	19.9	20.5	23.6	22.9	23.2
19	9.9	9.3	9.6	18.9	18.0	18.4	22.1	20.9	21.4	24.1	23.3	23.7
20	10.4	9.7	10.0	19.8	18.8	19.3	22.4	21.7	22.0	23.8	23.1	23.5
21	11.0	10.3	10.7	20.3	19.7	20.0	22.5	21.9	22.2	24.2	23.4	23.8
22	11.6	10.8	11.2	20.0	18.9	19.4	23.1	22.3	22.6	24.8	24.1	24.4
23	11.7	11.6	11.6	18.9	18.2	18.5	24.1	22.9	23.5	25.4	24.7	25.0
24	11.8	11.7	11.8	18.2	17.8	18.0	25.0	23.7	24.4	26.2	25.2	25.7
25	11.8	11.6	11.6	18.3	17.7	18.0	25.4	24.7	25.1	26.8	26.1	26.4
26	11.6	11.4	11.5	18.9	17.9	18.4	25.0	24.2	24.5	27.0	26.2	26.6
27	11.6	11.1	11.4	19.6	18.5	19.0	24.2	23.0	23.5	27.4	26.6	27.0
28	11.9	11.2	11.5	20.3	19.2	19.7	23.2	22.4	22.8	27.9	26.8	27.3
29	12.0	11.7	11.8	20.8	20.0	20.4	22.8	22.0	22.4	28.2	27.2	27.7
30	---	---	---	21.4	20.5	20.9	22.0	20.8	21.4	28.3	27.8	28.0
31	---	---	---	21.1	20.5	20.8	---	---	---	28.2	27.7	28.0

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.9	27.3	25.2	24.8	25.0	30.4	29.3	29.8	28.3	27.5	27.9
2	26.9	25.2	26.0	25.1	24.7	24.9	30.5	29.9	30.2	28.3	27.6	28.0
3	25.2	23.3	23.7	25.1	24.6	24.9	30.5	29.6	30.1	28.2	27.9	28.1
4	24.1	23.3	23.7	25.4	24.9	25.2	30.8	29.5	30.1	28.7	27.5	28.1
5	24.3	23.6	24.0	25.9	25.2	25.5	31.0	30.1	30.5	29.4	28.3	28.8
6	24.5	24.1	24.3	26.0	25.5	25.7	31.1	30.4	30.7	29.1	28.4	28.7
7	24.9	24.2	24.5	26.2	25.6	25.9	30.6	29.6	30.1	28.9	28.0	28.4
8	25.5	24.8	25.1	26.1	25.8	26.0	30.1	29.3	29.7	29.0	28.1	28.6
9	26.2	25.3	25.7	26.4	25.8	26.1	29.7	28.9	29.3	29.2	28.3	28.8
10	27.2	26.2	26.6	26.6	26.1	26.4	29.7	29.0	29.3	29.3	28.5	28.9
11	27.8	27.0	27.3	27.4	26.4	26.8	29.3	28.0	28.7	29.1	28.5	28.9
12	28.6	27.7	28.1	28.2	27.4	27.8	28.1	27.5	27.8	29.1	28.4	28.8
13	28.8	28.3	28.5	28.9	28.0	28.4	27.8	26.5	26.9	28.9	28.3	28.5
14	28.5	28.0	28.2	29.5	28.6	29.0	26.6	25.8	26.2	28.5	27.4	27.9
15	28.1	27.6	27.9	30.1	29.4	29.7	26.4	25.4	25.9	27.4	26.1	26.9
16	28.2	27.5	27.8	30.1	29.5	29.9	26.6	25.5	26.0	26.1	25.2	25.5
17	28.6	27.7	28.1	29.5	27.5	28.7	27.0	25.9	26.4	26.0	24.8	25.4
18	29.5	28.4	28.9	27.5	26.0	26.6	27.6	26.3	26.9	26.4	25.6	26.0
19	30.0	29.2	29.5	27.5	26.7	27.0	28.0	27.0	27.5	26.3	25.6	25.9
20	29.7	28.8	29.2	28.3	27.4	27.8	28.7	27.6	28.2	26.1	25.5	25.8
21	28.8	28.3	28.5	28.8	28.1	28.4	28.5	27.7	28.0	26.1	25.3	25.7
22	28.3	27.9	28.1	29.4	28.5	28.9	27.8	27.1	27.5	26.0	25.4	25.7
23	28.2	27.8	28.0	30.1	29.0	29.5	28.1	26.9	27.5	25.8	25.4	25.5
24	28.0	27.0	27.3	30.7	29.5	30.1	28.0	27.4	27.7	26.1	25.1	25.6
25	27.0	26.3	26.7	31.0	30.1	30.5	28.1	27.0	27.5	26.4	25.6	26.0
26	26.5	26.0	26.2	30.6	29.9	30.2	28.7	27.6	28.1	26.4	25.6	26.1
27	26.2	25.2	25.5	29.9	29.0	29.5	29.6	28.5	29.0	26.6	25.6	26.1
28	25.3	24.8	25.0	29.1	28.4	28.8	29.6	29.1	29.4	26.7	25.8	26.3
29	24.8	24.6	24.7	29.7	28.6	29.1	29.1	28.6	28.8	26.8	25.9	26.4
30	24.9	24.5	24.7	29.9	29.3	29.6	28.7	28.1	28.4	26.7	25.8	26.3
31	---	---	---	29.9	29.4	29.7	28.4	27.6	28.0	---	---	---

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS

LOCATION.--Lat 30°35'02", long 88°34'12", in NE¼ sec.27, T.5 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 4 mi north of intersection of State Highways 63 and 613 and at mile 25.4.

DRAINAGE AREA.--8222 mi^2.

PERIOD OF RECORD.--Water years 1958, 1961-62, 1964, 1970-73, 1997, 2003 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: June 2003 to current year.
SPECIFIC CONDUCTANCE: July 2003 to current year.
WATER TEMPERATURE: June 2003 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is 25.0 ft above NGVD of 1929. Water-quality monitor since June 2003.

REMARKS.--Gage height records good. Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR JUNE TO SEPTEMBER 2003.--
GAGE HEIGHT: Maximum recorded, 12.96 ft, July 5, but may have been higher during periods of instrument malfunction; minimum recorded, 1.41 ft, Sept. 20, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 87 microsiemens, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 48 microsiemens, Aug. 20, 21, 22, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 30.2 °C, Aug. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 23.8 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
GAGE HEIGHT: Maximum recorded, 12.70 ft, Feb. 18, but may have been higher during periods of instrument malfunction; minimum recorded, 0.67 ft, Sept. 6, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 103 microsiemens, Apr. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 36 microsiemens, on several days during February, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 31.4 °C, Aug. 6, but may have been higher during periods of instrument malfunction; minimum recorded, 8.5 °C, Jan. 13, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, JUNE TO SEPTEMBER 2003

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	8.69	7.30	7.95	5.27	4.98	5.10	4.59	4.09	4.35
2	---	---	---	10.61	8.69	9.71	5.07	4.92	5.00	4.46	4.01	4.24
3	---	---	---	11.86	10.61	11.28	4.96	4.74	4.86	4.45	3.88	4.18
4	---	---	---	12.56	11.86	12.23	5.06	4.72	4.88	4.24	3.56	3.96
5	---	---	---	12.96	12.56	12.77	5.35	5.04	5.21	3.95	3.40	3.70
6	---	---	---	12.94	12.72	12.84	5.48	5.20	5.35	4.10	3.40	3.83
7	---	---	---	12.72	12.39	12.54	5.82	5.36	5.65	4.14	3.67	3.91
8	---	---	---	12.40	12.00	12.21	6.05	5.81	5.91	4.12	3.54	3.87
9	---	---	---	12.00	11.61	11.81	5.91	5.59	5.78	3.74	3.21	3.57
10	---	---	---	11.61	11.29	11.45	5.68	5.51	5.59	3.26	2.87	3.15
11	---	---	---	11.31	11.10	11.21	5.69	5.49	5.62	2.88	2.71	2.79
12	---	---	---	11.11	10.79	10.97	5.88	5.54	5.72	2.78	2.65	2.73
13	---	---	---	10.79	10.43	10.63	6.07	5.82	5.94	2.90	2.56	2.72
14	---	---	---	10.43	10.06	10.25	6.07	5.94	6.01	2.81	2.26	2.56
15	---	---	---	10.07	9.56	9.81	6.34	6.00	6.16	3.36	2.74	3.07
16	---	---	---	9.57	8.95	9.27	6.41	6.21	6.32	3.89	3.36	3.57
17	---	---	---	8.96	8.05	8.52	6.37	6.15	6.26	3.59	2.78	3.23
18	---	---	---	8.07	7.34	7.68	6.68	6.19	6.37	3.14	2.11	2.68
19	---	---	---	7.37	7.04	7.19	7.23	6.66	7.00	2.86	1.68	2.38
20	9.71	9.61	9.66	7.13	6.72	6.95	7.42	7.22	7.32	2.41	1.41	1.94
21	9.63	9.20	9.48	6.73	6.45	6.57	7.30	6.68	7.06	2.71	1.75	2.25
22	9.20	8.45	8.82	6.52	6.21	6.37	6.70	6.12	6.39	3.09	1.91	2.62
23	8.45	8.03	8.21	6.46	6.18	6.34	6.21	5.98	6.10	2.86	2.18	2.58
24	8.17	8.00	8.10	6.57	6.31	6.45	6.01	5.48	5.84	3.85	2.50	3.38
25	8.29	8.07	8.17	7.07	6.55	6.82	5.48	4.58	5.12	4.52	3.80	4.21
26	8.08	7.27	7.72	7.69	7.05	7.39	4.58	3.61	4.20	4.50	4.35	4.43
27	7.27	6.13	6.68	7.99	7.67	7.86	3.77	3.35	3.61	4.38	3.75	4.07
28	6.13	5.47	5.78	7.92	7.52	7.77	3.35	2.89	3.15	3.76	2.88	3.28
29	5.99	5.33	5.58	7.52	6.84	7.21	3.44	2.84	3.14	3.15	2.49	2.85
30	7.30	5.99	6.65	6.85	6.04	6.47	3.85	3.43	3.61	3.19	2.28	2.74
31	---	---	---	6.04	5.27	5.59	4.34	3.84	4.12	---	---	---

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.18	2.08	2.65	3.70	2.46	3.14	7.50	6.46	7.02	5.16	4.52	4.75
2	2.89	1.68	2.34	3.13	2.17	2.68	7.96	7.48	7.77	5.57	5.13	5.28
3	3.09	1.80	2.46	2.60	1.93	2.28	8.26	7.89	8.10	5.63	5.41	5.53
4	3.05	1.81	2.47	2.67	2.06	2.43	8.38	8.24	8.32	5.64	5.35	5.48
5	2.79	1.51	2.22	2.83	2.31	2.62	8.39	8.17	8.31	5.48	5.13	5.26
6	2.58	1.56	2.10	2.55	1.94	2.18	8.26	7.39	7.90	5.17	4.50	4.78
7	2.42	1.67	2.05	2.43	1.58	1.99	7.39	5.80	6.54	4.61	3.89	4.21
8	2.19	1.70	1.94	2.56	1.60	2.03	5.83	4.51	5.01	4.42	4.06	4.24
9	2.12	1.87	2.00	2.65	1.62	2.05	4.71	3.81	4.20	4.84	4.42	4.60
10	2.43	1.93	2.15	2.73	1.73	2.23	4.41	3.37	3.95	5.61	4.84	5.17
11	2.74	2.06	2.34	2.83	1.65	2.23	3.82	3.06	3.47	6.29	5.60	5.99
12	2.88	2.19	2.56	2.95	1.53	2.24	3.92	3.09	3.52	6.53	6.26	6.42
13	2.88	2.05	2.48	2.88	1.19	2.12	3.92	3.36	3.65	6.56	6.33	6.45
14	2.71	1.56	2.16	2.84	1.64	2.26	4.08	3.54	3.87	6.39	5.99	6.19
15	2.65	1.97	2.23	3.05	1.67	2.43	4.42	3.97	4.20	5.99	5.55	5.77
16	3.13	2.43	2.78	3.26	1.95	2.68	4.59	4.12	4.38	5.57	4.85	5.13
17	3.25	2.33	2.77	3.06	1.91	2.53	4.42	4.10	4.29	4.85	3.97	4.27
18	2.94	2.04	2.49	3.26	2.30	2.84	4.35	3.89	4.14	4.33	3.88	4.12
19	3.10	2.04	2.57	2.91	1.35	2.15	4.17	3.51	3.80	4.95	4.28	4.47
20	3.10	1.99	2.56	2.75	1.84	2.19	3.92	3.31	3.58	5.45	4.95	5.10
21	2.68	1.78	2.24	3.23	2.44	2.69	3.92	2.96	3.45	5.67	5.35	5.51
22	1.93	1.37	1.69	3.51	2.49	2.92	3.91	2.63	3.18	5.77	5.39	5.60
23	2.03	1.56	1.79	3.56	2.60	3.10	3.56	2.26	2.93	5.70	5.18	5.44
24	2.28	1.65	1.91	3.75	2.23	3.07	3.17	1.85	2.53	5.20	4.24	4.74
25	2.62	1.51	2.01	3.45	2.09	2.87	3.34	2.40	2.92	4.28	3.62	3.95
26	2.72	1.37	2.15	3.63	2.04	2.91	3.56	2.51	3.07	3.64	3.22	3.45
27	3.03	1.58	2.29	3.68	2.49	3.13	3.50	2.64	3.11	3.71	3.27	3.49
28	3.62	2.65	3.10	3.96	2.39	3.17	3.61	2.95	3.27	4.69	3.69	4.13
29	4.08	3.32	3.73	4.92	3.12	3.97	3.54	3.23	3.38	5.58	4.68	5.11
30	4.29	3.21	3.80	6.46	4.92	5.77	3.81	3.08	3.37	6.15	5.56	5.81
31	3.99	2.91	3.47	---	---	---	4.53	3.80	4.10	6.49	6.11	6.27
		FEBRUARY			MARCH			APRIL			MAY	
1	6.61	6.41	6.51	11.82	11.75	11.80	2.93	2.38	2.63	6.53	5.52	6.02
2	6.57	6.05	6.32	11.78	11.52	11.66	2.90	2.20	2.53	6.88	6.52	6.74
3	6.05	5.10	5.55	11.53	11.18	11.36	2.76	2.19	2.38	7.06	6.85	6.98
4	5.10	4.12	4.49	11.19	10.86	11.03	2.44	2.10	2.26	7.03	6.86	6.98
5	4.34	3.56	3.88	10.88	10.47	10.68	2.46	2.02	2.20	6.86	6.31	6.64
6	3.84	3.21	3.52	10.47	9.82	10.17	2.44	1.91	2.17	6.32	5.57	5.99
7	4.83	3.55	3.95	9.82	8.92	9.38	2.63	1.90	2.27	5.57	4.61	5.13
8	6.55	4.83	5.77	8.92	8.15	8.50	2.81	1.82	2.32	4.61	3.67	4.08
9	7.56	6.55	7.10	8.16	7.82	7.97	2.88	1.59	2.25	3.67	2.93	3.27
10	8.58	7.55	8.08	7.88	7.79	7.83	2.76	1.57	2.19	3.29	2.39	2.86
11	9.25	8.56	8.92	8.02	7.87	7.94	3.20	1.66	2.30	3.29	2.24	2.83
12	10.23	9.25	9.78	8.20	8.01	8.10	3.11	2.17	2.67	3.72	2.71	3.14
13	10.72	10.22	10.50	8.21	8.16	8.18	3.02	1.39	1.89	4.86	3.55	3.98
14	10.99	10.65	10.78	8.16	7.79	8.00	1.77	0.92	1.29	6.77	4.86	5.90
15	11.98	10.99	11.52	7.79	7.00	7.40	1.71	0.92	1.33	8.18	6.76	7.52
16	12.40	11.98	12.22	7.01	6.06	6.49	1.85	1.31	1.53	8.73	8.18	8.57
17	12.61	12.39	12.49	6.06	5.38	5.63	1.88	1.54	1.68	8.72	8.20	8.52
18	12.70	12.36	12.53	5.38	4.93	5.08	1.91	1.51	1.72	8.21	7.50	7.86
19	12.36	11.73	12.08	5.02	4.63	4.79	2.20	1.43	1.85	7.50	7.05	7.22
20	11.73	11.30	11.49	4.73	4.32	4.52	2.22	1.43	1.79	7.17	7.00	7.08
21	11.35	11.06	11.21	4.38	3.93	4.16	2.64	1.48	2.19	7.36	7.13	7.26
22	11.09	10.54	10.88	3.95	3.59	3.81	2.70	1.67	2.22	7.37	7.13	7.29
23	10.54	9.71	10.16	3.94	3.55	3.74	2.47	1.46	1.92	7.13	6.34	6.77
24	9.75	8.81	9.25	3.84	3.50	3.63	2.46	1.27	1.86	6.34	5.10	5.72
25	8.98	8.69	8.79	3.84	3.42	3.59	2.51	1.26	1.89	---	---	---
26	10.08	8.98	9.59	3.67	3.11	3.38	2.06	1.46	1.80	---	---	---
27	10.78	10.08	10.46	3.58	2.95	3.27	2.66	1.32	2.01	2.95	2.47	2.62
28	11.32	10.78	11.05	3.47	2.95	3.21	3.41	1.93	2.61	2.52	2.01	2.28
29	11.76	11.31	11.57	3.32	2.73	3.04	4.53	3.25	3.70	2.26	1.86	2.01
30	---	---	---	3.26	2.41	2.85	5.54	4.52	4.92	2.56	1.98	2.24
31	---	---	---	3.21	2.46	2.72	---	---	---	2.40	1.29	2.07

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.85	1.36	2.26	8.93	8.69	8.81	3.33	2.53	2.91	2.54	2.27	2.40
2	4.01	1.95	3.13	9.24	8.91	9.07	3.24	2.33	2.80	2.51	2.16	2.38
3	6.39	4.01	5.43	9.55	9.23	9.38	3.06	2.55	2.77	2.56	2.13	2.35
4	7.74	6.38	7.07	9.74	9.55	9.64	2.59	2.27	2.45	2.62	1.83	2.21
5	8.97	7.73	8.37	9.82	9.73	9.78	2.27	1.93	2.08	2.44	1.34	1.91
6	9.66	8.97	9.34	10.00	9.82	9.90	2.02	1.57	1.81	1.90	0.67	1.28
7	9.68	9.40	9.58	10.03	10.00	10.01	2.08	1.60	1.92	1.62	0.68	1.19
8	9.40	8.53	9.00	10.02	9.96	9.99	2.68	1.76	2.28	1.88	0.98	1.43
9	8.55	7.30	7.94	9.99	9.80	9.92	2.53	1.58	2.09	2.19	1.18	1.79
10	7.31	5.94	6.62	9.80	9.28	9.58	2.61	1.41	2.10	---	---	---
11	5.94	4.67	5.31	9.28	8.34	8.82	2.46	1.48	2.03	---	---	---
12	4.67	3.71	4.23	8.34	7.47	7.89	3.21	1.94	2.79	---	---	---
13	3.72	3.05	3.54	7.47	6.71	7.10	3.38	2.46	2.98	---	---	---
14	3.76	3.07	3.48	6.71	5.88	6.36	3.19	2.27	2.82	---	---	---
15	4.06	3.32	3.83	5.89	4.86	5.47	2.76	1.82	2.36	3.61	2.14	2.94
16	4.19	3.53	3.91	4.86	3.72	4.44	2.44	1.56	2.00	3.85	2.78	3.34
17	4.39	3.75	4.12	3.86	3.53	3.69	2.18	1.44	1.76	2.99	2.05	2.60
18	4.44	4.04	4.24	5.40	3.77	4.74	1.89	1.36	1.58	3.26	2.71	2.99
19	4.21	3.86	4.03	5.70	5.39	5.56	1.77	1.35	1.55	3.46	2.72	3.10
20	4.34	3.71	4.05	5.56	5.11	5.37	1.85	1.43	1.66	3.42	2.51	2.99
21	4.38	3.95	4.15	5.12	4.35	4.78	2.02	1.25	1.52	3.11	2.22	2.73
22	4.20	3.89	4.06	4.35	3.41	3.89	2.11	1.28	1.65	3.24	2.21	2.79
23	4.00	3.70	3.85	3.41	2.61	3.01	2.46	1.13	1.77	3.26	2.02	2.78
24	3.82	3.61	3.71	2.64	2.16	2.47	2.41	1.17	1.82	2.68	1.53	2.26
25	4.06	3.60	3.82	2.42	1.85	2.15	2.77	1.57	2.25	2.57	1.34	2.05
26	5.18	4.04	4.57	2.48	1.62	2.11	2.95	1.84	2.46	---	---	---
27	6.50	5.18	5.94	2.73	1.67	2.26	---	---	---	---	---	---
28	7.64	6.50	7.11	3.12	1.98	2.67	---	---	---	1.56	0.88	1.23
29	8.41	7.63	8.08	3.43	2.28	2.97	---	---	---	1.58	0.78	1.22
30	8.70	8.39	8.58	3.61	2.49	3.14	---	---	---	1.97	0.70	1.33
31	---	---	---	3.65	2.65	3.19	2.69	2.11	2.37	---	---	---

WATER-QUALITY DATA, JULY TO SEPTEMBER 2003

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	59	56	58	73	63	67
2	---	---	---	---	---	---	60	56	58	66	64	65
3	---	---	---	---	---	---	62	59	60	68	65	67
4	---	---	---	---	---	---	63	60	61	66	64	65
5	---	---	---	---	---	---	65	59	62	70	65	67
6	---	---	---	---	---	---	59	56	57	71	67	69
7	---	---	---	---	---	---	61	56	59	67	64	64
8	---	---	---	---	---	---	56	53	55	64	61	62
9	---	---	---	---	---	---	58	54	56	67	62	63
10	---	---	---	---	---	---	62	58	60	72	64	68
11	---	---	---	---	---	---	63	59	60	79	70	74
12	---	---	---	---	---	---	62	59	61	83	74	77
13	---	---	---	---	---	---	61	59	60	86	77	82
14	---	---	---	---	---	---	59	57	58	80	74	77
15	---	---	---	---	---	---	57	52	55	82	75	78
16	---	---	---	---	---	---	53	50	52	75	57	66
17	---	---	---	---	---	---	61	52	56	64	58	60
18	---	---	---	---	---	---	60	53	58	66	59	62
19	---	---	---	57	53	54	56	49	52	79	65	70
20	---	---	---	54	53	54	50	48	49	82	77	79
21	---	---	---	56	54	55	48	48	48	86	79	83
22	---	---	---	59	56	58	52	48	49	87	81	84
23	---	---	---	57	56	57	54	51	52	83	78	81
24	---	---	---	56	55	55	52	51	52	84	78	81
25	---	---	---	55	52	54	57	52	54	84	61	73
26	---	---	---	53	51	53	64	55	58	64	58	61
27	---	---	---	52	49	50	69	60	64	63	57	59
28	---	---	---	52	49	50	75	65	71	68	62	66
29	---	---	---	53	51	52	83	74	77	69	65	67
30	---	---	---	55	53	53	83	71	75	71	66	68
31	---	---	---	60	54	57	78	72	76	---	---	---

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	72	67	69	79	72	76	61	54	58	67	64	66
2	78	69	73	85	78	81	56	54	55	68	63	66
3	81	70	77	85	78	82	60	52	55	71	64	69
4	82	76	80	82	77	80	62	56	59	68	62	66
5	85	75	82	82	79	80	63	53	57	65	62	64
6	88	76	84	86	79	82	62	56	59	65	63	64
7	90	80	86	91	80	86	62	58	60	74	65	70
8	92	80	88	93	82	90	62	60	61	75	72	74
9	93	90	92	93	82	89	67	61	62	74	72	73
10	95	91	94	90	82	88	69	66	68	77	74	76
11	93	89	92	92	82	88	74	62	68	74	61	66
12	90	83	87	92	84	88	77	64	72	61	60	61
13	88	80	83	87	81	83	76	71	75	69	61	64
14	85	79	82	88	81	84	76	68	74	68	66	67
15	90	79	84	89	83	87	76	71	74	67	66	66
16	91	86	88	89	83	85	74	69	72	68	66	67
17	86	70	77	98	83	88	72	69	71	70	68	68
18	76	69	73	97	91	95	73	68	71	69	68	69
19	78	73	76	97	91	94	75	66	71	69	64	66
20	77	72	75	97	77	88	75	67	70	65	60	63
21	82	73	78	86	71	77	78	65	72	64	61	62
22	87	78	83	81	73	78	81	69	77	71	63	67
23	91	81	86	83	76	80	83	75	80	71	68	70
24	95	79	89	81	80	80	87	70	81	69	68	68
25	94	86	91	90	77	81	90	83	86	70	67	69
26	94	87	91	90	79	85	88	76	83	72	68	70
27	93	81	87	85	80	82	82	77	79	74	72	72
28	82	75	78	84	78	81	84	79	83	79	71	73
29	80	73	77	87	79	83	89	84	86	79	72	75
30	78	72	75	79	55	65	84	78	81	74	67	70
31	77	72	74	---	---	---	78	67	71	67	63	64
		FEBRUARY			MARCH			APRIL			MAY	
1	63	63	63	39	38	38	91	72	85	67	50	59
2	65	63	64	38	38	38	90	76	83	62	51	56
3	65	63	64	39	38	38	86	76	82	65	47	52
4	68	65	67	39	38	39	86	81	84	71	49	56
5	71	68	69	41	38	39	85	78	83	64	48	53
6	73	67	70	42	39	40	86	78	83	63	54	56
7	75	70	73	44	40	41	88	79	85	65	56	61
8	70	50	60	48	41	43	85	80	83	66	61	63
9	52	47	50	57	43	50	86	80	84	68	64	65
10	50	46	48	57	49	54	90	79	86	69	64	67
11	55	44	50	57	50	54	90	81	87	75	67	71
12	57	42	46	55	48	52	89	86	88	74	69	71
13	51	41	46	54	48	50	87	82	86	69	61	64
14	48	44	46	53	48	50	90	82	86	67	37	54
15	44	36	41	53	49	50	92	87	89	45	37	41
16	42	39	40	58	50	52	94	90	92	58	40	47
17	39	37	38	61	51	55	95	91	93	53	40	47
18	38	36	37	68	52	59	95	88	92	51	47	50
19	36	36	36	69	55	61	91	85	88	52	50	51
20	36	36	36	70	55	66	92	84	87	54	47	51
21	36	36	36	71	56	65	92	85	88	48	45	46
22	39	36	37	73	62	68	93	89	91	47	45	46
23	41	37	38	73	61	70	94	90	92	50	47	48
24	38	37	38	74	63	71	97	89	94	53	50	52
25	41	38	39	76	62	72	100	91	96	---	---	---
26	44	39	40	78	63	74	100	94	97	---	---	---
27	41	38	40	78	63	74	97	91	95	69	58	64
28	40	37	39	79	66	75	92	80	85	72	60	68
29	39	36	38	79	70	75	103	82	93	75	62	72
30	---	---	---	81	67	77	91	65	73	78	73	76
31	---	---	---	83	69	79	---	---	---	81	73	78

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	75	83	55	50	54	75	72	74	76	71	74
2	90	78	83	54	48	51	77	71	75	76	71	73
3	80	48	66	53	46	49	76	70	73	74	68	70
4	69	48	56	52	47	49	74	65	69	74	69	72
5	65	49	56	52	48	50	78	68	73	84	73	79
6	63	49	55	51	48	49	84	76	80	85	76	80
7	59	50	54	51	48	50	87	83	85	80	74	77
8	56	50	53	51	48	49	86	78	81	81	75	77
9	55	52	53	50	49	49	81	76	79	87	79	84
10	55	53	54	50	49	50	79	74	76	---	---	---
11	58	55	56	51	50	50	81	78	80	---	---	---
12	60	56	59	52	51	51	80	75	77	---	---	---
13	64	59	62	53	52	52	79	73	75	---	---	---
14	67	63	66	55	52	53	79	75	77	---	---	---
15	69	64	67	56	53	54	82	76	78	91	87	89
16	70	64	68	58	54	56	77	71	74	88	84	85
17	67	62	64	65	55	62	77	75	76	87	71	79
18	66	60	62	67	50	59	85	77	81	75	69	71
19	65	60	62	55	54	55	85	79	83	77	63	69
20	64	60	62	57	55	56	86	81	84	76	62	68
21	62	52	57	60	56	57	85	81	83	73	61	67
22	59	53	55	64	58	60	87	81	84	76	66	70
23	59	56	58	69	59	64	82	78	79	80	76	78
24	61	58	60	74	66	70	85	78	80	80	75	78
25	61	58	60	78	71	74	91	81	87	80	77	79
26	61	58	60	79	66	74	81	76	79	---	---	---
27	69	48	58	84	68	79	---	---	---	---	---	---
28	48	44	45	82	71	77	---	---	---	94	80	87
29	52	44	46	75	71	73	---	---	---	98	78	91
30	56	48	53	73	70	72	---	---	---	100	80	94
31	---	---	---	74	71	73	77	67	72	---	---	---

WATER-QUALITY DATA, JUNE TO SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	25.2	24.7	24.9	27.5	27.0	27.3	27.6	26.9	27.3
2	---	---	---	24.7	24.3	24.5	27.2	26.6	27.0	28.0	27.4	27.7
3	---	---	---	24.7	24.3	24.5	27.3	26.8	27.1	28.5	27.8	28.1
4	---	---	---	24.7	24.5	24.6	27.6	27.0	27.2	28.6	28.1	28.3
5	---	---	---	24.7	24.6	24.6	27.8	27.1	27.4	28.6	28.0	28.3
6	---	---	---	24.8	24.5	24.6	27.9	27.2	27.5	28.2	27.4	27.9
7	---	---	---	25.1	24.7	24.9	27.9	27.5	27.7	27.6	27.0	27.3
8	---	---	---	25.2	24.8	25.0	28.0	27.2	27.6	27.2	26.4	26.8
9	---	---	---	25.4	24.9	25.2	28.5	27.6	28.0	27.0	26.6	26.8
10	---	---	---	25.8	25.3	25.5	28.8	28.2	28.5	27.2	26.6	26.9
11	---	---	---	26.0	25.6	25.8	28.5	28.0	28.2	27.3	26.7	27.0
12	---	---	---	26.3	25.7	26.0	28.1	27.5	27.9	27.4	26.8	27.1
13	---	---	---	26.6	26.0	26.3	27.6	27.1	27.3	27.6	27.0	27.3
14	---	---	---	26.5	26.1	26.3	27.2	26.6	26.9	27.8	27.0	27.3
15	---	---	---	26.7	26.0	26.4	27.4	26.6	27.0	27.6	26.9	27.2
16	---	---	---	27.1	26.3	26.7	27.8	27.1	27.4	27.0	25.9	26.3
17	---	---	---	27.6	26.8	27.1	28.3	27.6	28.0	25.9	25.3	25.7
18	---	---	---	28.0	27.2	27.6	28.7	28.0	28.2	26.5	25.5	25.9
19	---	---	---	28.1	27.6	27.8	28.0	27.5	27.7	27.1	26.0	26.4
20	25.6	25.3	25.4	27.6	27.3	27.5	28.1	27.6	27.9	27.3	26.5	26.9
21	25.9	25.3	25.6	27.4	27.0	27.2	27.8	27.4	27.6	27.2	26.9	27.0
22	26.6	25.8	26.2	27.5	26.9	27.2	27.5	27.1	27.3	27.0	26.4	26.8
23	26.9	26.3	26.6	27.3	26.9	27.2	27.3	27.0	27.2	26.4	25.7	26.1
24	27.0	26.5	26.8	27.0	26.5	26.8	27.7	27.0	27.3	25.8	25.3	25.5
25	27.4	26.7	27.0	26.9	26.5	26.7	28.8	27.6	28.1	25.4	25.0	25.2
26	27.6	27.3	27.3	27.1	26.6	26.8	29.3	28.5	28.8	25.2	24.8	25.0
27	27.7	27.4	27.6	27.2	26.7	27.0	29.5	28.8	29.1	25.6	25.1	25.4
28	27.6	27.0	27.2	27.4	26.9	27.2	29.9	28.9	29.4	26.0	25.4	25.7
29	27.3	26.5	27.1	27.5	27.1	27.3	30.2	29.4	29.8	25.6	24.7	25.2
30	26.5	25.2	25.8	27.3	26.9	27.1	29.7	28.4	28.9	24.7	23.8	24.2
31	---	---	---	27.8	27.0	27.4	28.4	27.4	28.0	---	---	---

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.8	23.1	23.4	20.4	19.6	20.0	13.5	13.2	13.3	11.4	11.1	11.2
2	23.1	22.1	22.6	20.9	20.1	20.5	13.3	12.7	12.9	11.3	11.0	11.2
3	22.2	21.5	21.8	21.1	20.4	20.7	12.7	12.2	12.3	12.4	11.3	11.9
4	22.5	21.3	21.8	21.2	20.6	20.9	12.2	12.0	12.1	13.8	12.4	13.2
5	22.6	21.6	22.1	21.5	21.0	21.2	12.1	11.6	11.9	14.6	13.8	14.3
6	22.9	22.0	22.4	22.2	21.2	21.7	11.6	10.8	11.1	14.4	13.0	13.7
7	23.2	22.4	22.8	22.4	21.8	22.1	10.8	10.4	10.6	13.0	11.6	12.2
8	23.4	22.8	23.0	22.2	21.5	21.8	10.6	10.1	10.4	11.6	10.6	11.1
9	23.2	22.8	23.0	21.7	21.2	21.4	10.8	10.4	10.6	10.6	10.0	10.3
10	22.9	22.6	22.7	21.4	20.8	21.1	11.3	10.8	11.0	10.0	9.7	9.9
11	22.6	22.4	22.5	21.2	20.6	20.9	11.1	10.7	10.9	9.7	9.0	9.4
12	22.8	22.3	22.5	21.3	20.6	21.0	11.0	10.5	10.8	9.0	8.6	8.7
13	23.0	22.4	22.7	21.2	20.2	20.8	10.6	10.5	10.5	9.0	8.5	8.7
14	23.4	22.7	22.9	20.2	19.0	19.5	10.5	9.9	10.3	9.2	8.8	8.9
15	23.1	22.4	22.7	19.0	18.3	18.6	9.9	9.5	9.7	9.4	9.1	9.3
16	22.4	21.7	22.0	18.5	17.9	18.2	10.1	9.6	9.8	9.8	9.3	9.5
17	21.7	21.1	21.3	18.4	17.9	18.1	10.1	9.7	9.9	10.3	9.7	10
18	21.3	20.6	20.9	18.9	18.2	18.5	9.8	9.3	9.6	11.3	10.3	10.8
19	21.0	20.2	20.6	18.9	18.0	18.4	9.6	9.2	9.4	11.6	11.3	11.4
20	21.1	20.1	20.5	18.0	17.4	17.7	9.3	8.9	9.1	11.3	10.7	11.0
21	21.3	20.2	20.8	17.5	16.9	17.2	9.2	8.6	8.9	10.7	10.1	10.4
22	21.6	20.6	21.1	17.0	16.7	16.9	9.6	8.9	9.2	10.1	9.7	9.9
23	22.0	20.9	21.4	17.1	16.6	16.9	10.1	9.5	9.8	9.8	9.4	9.6
24	22.2	21.3	21.8	17.0	16.1	16.7	10.6	9.9	10.2	9.9	9.5	9.7
25	22.5	21.7	22.1	16.1	15.0	15.6	10.3	9.9	10.1	10.8	9.9	10.3
26	22.5	22.0	22.3	15.0	14.5	14.7	10.2	9.6	9.9	11.3	10.8	11.1
27	22.3	21.2	21.8	14.9	14.5	14.7	10.1	9.0	9.7	11.7	11.2	11.4
28	21.2	19.9	20.6	15.4	14.3	14.8	10.1	9.4	9.8	11.3	10.7	10.9
29	19.9	19.1	19.5	14.3	13.5	13.9	11.0	10.1	10.6	10.7	10.0	10.2
30	19.6	18.9	19.2	13.7	13.4	13.5	11.5	10.9	11.1	10.3	10.2	10.2
31	19.8	19.1	19.4	---	---	---	11.8	11.3	11.5	10.3	9.8	10.1
		FEBRUARY			MARCH			APRIL			MAY	
1	9.8	9.7	9.8	12.9	11.9	12.4	20.7	19.9	20.3	21.1	20.7	20.8
2	10.1	9.7	9.8	14.0	12.9	13.5	20.3	19.4	19.8	20.8	20.4	20.6
3	10.5	9.9	10.2	15.0	14.0	14.5	19.8	19.0	19.4	20.4	20.0	20.2
4	10.5	10.2	10.4	16.0	14.7	15.3	19.9	18.7	19.2	20.0	19.5	19.8
5	11.8	10.5	11.1	17.1	15.9	16.5	19.5	18.7	19.1	20.4	19.6	20.0
6	13.0	11.8	12.6	18.3	17.0	17.6	19.8	18.8	19.2	21.5	20.3	20.8
7	13.0	12.6	12.8	18.7	17.9	18.3	20.1	19.3	19.7	22.6	21.3	21.9
8	12.6	11.7	12.2	18.6	17.9	18.2	21.1	19.9	20.5	23.7	22.3	22.9
9	11.7	11.3	11.5	18.2	17.6	17.8	21.9	20.6	21.2	24.6	23.3	23.9
10	11.6	11.4	11.5	17.6	16.8	17.1	22.7	21.3	22.0	25.3	24.3	24.7
11	11.7	11.5	11.5	16.9	16.3	16.6	22.4	22.1	22.2	25.1	24.3	24.7
12	11.8	11.5	11.6	16.8	16.2	16.5	22.6	21.8	22.1	24.3	23.3	23.7
13	11.5	11.1	11.3	16.8	16.3	16.6	22.0	20.2	21.1	23.3	22.8	23.1
14	11.3	10.9	11.0	16.9	16.4	16.7	20.3	19.2	19.7	23.3	22.2	22.7
15	11.0	10.2	10.5	17.0	16.6	16.8	19.9	18.8	19.3	22.3	22.0	22.1
16	10.2	9.7	9.9	17.7	17.0	17.3	19.9	18.7	19.3	22.7	22.0	22.3
17	9.8	9.4	9.6	17.8	17.2	17.5	20.5	19.2	19.8	23.0	22.4	22.7
18	9.8	9.2	9.5	18.3	17.5	17.9	21.2	19.9	20.5	23.7	22.9	23.3
19	10.1	9.3	9.7	19.0	18.1	18.5	22.1	20.8	21.4	24.2	23.4	23.8
20	10.8	9.9	10.2	19.8	18.8	19.3	22.5	21.6	22.0	24.1	23.7	23.9
21	11.7	10.6	11.1	20.5	19.6	20.0	22.9	22.0	22.4	24.4	23.6	24.0
22	12.2	11.1	11.6	19.9	19.0	19.5	23.2	22.0	22.6	24.8	24.2	24.5
23	11.9	11.7	11.8	19.0	18.3	18.7	24.0	22.8	23.3	25.4	24.6	25.0
24	12.1	11.8	11.9	18.4	17.9	18.2	24.9	23.6	24.3	26.0	25.1	25.5
25	12.2	12.0	12.1	18.6	17.8	18.2	25.5	24.6	25.0	---	---	---
26	12.2	11.7	12.0	19.0	17.9	18.4	25.1	24.5	24.9	---	---	---
27	12.0	11.3	11.6	19.6	18.5	19.1	24.5	23.6	24.1	27.6	26.4	27.0
28	12.0	11.2	11.6	20.2	19.2	19.7	23.6	22.7	23.0	27.9	26.9	27.4
29	12.0	11.6	11.8	20.8	20.0	20.4	22.9	22.4	22.6	28.3	27.3	27.8
30	---	---	---	21.5	20.5	20.9	22.4	21.1	21.8	28.4	27.8	28.0
31	---	---	---	21.4	20.6	20.9	---	---	---	28.4	27.8	28.1

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.9	27.0	27.6	25.3	24.8	25.0	30.5	29.4	29.8	28.6	27.9	28.2
2	27.0	25.8	26.6	25.2	24.9	25.1	30.9	30.0	30.3	28.4	27.8	28.1
3	25.8	23.7	24.4	25.2	24.8	25.0	30.8	29.9	30.3	28.4	27.9	28.2
4	24.4	23.6	23.9	25.5	24.9	25.2	30.8	29.8	30.3	28.7	27.7	28.2
5	24.5	23.9	24.2	25.9	25.3	25.6	31.2	30.1	30.6	29.4	28.2	28.7
6	24.4	24.1	24.3	25.9	25.5	25.7	31.4	30.5	30.8	29.5	28.7	28.9
7	24.7	23.8	24.3	26.0	25.4	25.7	30.8	30.0	30.4	29.1	28.2	28.6
8	25.4	24.4	24.9	26.0	25.5	25.7	30.3	29.7	30.0	29.4	28.3	28.8
9	26.0	25.2	25.6	26.3	25.4	25.8	29.9	29.4	29.6	29.5	28.5	28.9
10	26.9	25.9	26.4	26.5	25.8	26.1	30.0	29.1	29.5	---	---	---
11	27.6	26.8	27.1	27.1	26.0	26.6	29.6	28.8	29.3	---	---	---
12	28.5	27.4	27.9	28.0	27.1	27.5	28.8	27.6	28.1	---	---	---
13	29.0	28.2	28.5	28.7	27.8	28.2	27.6	26.5	27.2	---	---	---
14	28.6	28.1	28.3	29.2	28.4	28.8	26.7	25.9	26.3	---	---	---
15	28.3	27.8	28.0	29.9	29.0	29.5	26.6	25.6	26.0	28.1	26.6	27.4
16	28.5	27.7	28.1	30.1	29.5	29.8	27.0	25.7	26.2	26.6	25.7	25.9
17	28.7	27.8	28.2	29.5	28.6	29.2	27.3	26.1	26.6	26.3	25.2	25.7
18	29.4	28.4	28.8	28.6	26.8	27.2	27.8	26.4	27.0	26.6	25.6	26.1
19	30.1	29.1	29.5	27.5	26.7	27.1	28.3	26.9	27.6	26.4	25.6	26.0
20	29.9	29.3	29.6	28.2	27.3	27.7	28.8	27.6	28.2	26.3	25.6	25.9
21	29.3	28.4	28.8	28.8	27.9	28.3	29.4	28.1	28.5	26.3	25.6	25.9
22	28.6	28.1	28.3	29.5	28.3	28.9	28.5	27.7	28.1	26.0	25.6	25.8
23	28.2	27.8	28.0	30.2	29.0	29.5	28.1	27.3	27.7	25.9	25.6	25.7
24	28.1	27.2	27.7	30.8	29.6	30.2	28.4	27.6	28.0	26.2	25.3	25.7
25	27.3	26.8	27.0	31.2	30.3	30.5	28.4	27.6	27.9	26.7	25.6	26.0
26	26.8	26.2	26.5	30.5	30.1	30.3	28.8	27.8	28.2	---	---	---
27	26.5	25.5	25.9	30.3	29.6	29.9	---	---	---	---	---	---
28	25.5	25.1	25.3	29.6	28.8	29.2	---	---	---	26.9	26.0	26.5
29	25.1	24.8	24.9	29.9	28.7	29.2	---	---	---	27.2	26.1	26.6
30	25.0	24.6	24.8	29.9	29.3	29.6	---	---	---	27.0	26.0	26.6
31	---	---	---	30.1	29.4	29.7	28.7	27.8	28.2	---	---	---

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'12", long 88°27'31", in SW1/4SW1/4 sec. 2, T. 3 S., R. 5 W., George County, Miss., 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 mi^2.

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

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-98-1: 1983.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above NGVD of 1929, from topographic map.

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.

REMARKS.--Records not available at this time. Records may be found in the "Water Resources Data, Alabama, Water Year 2004" (WDR AL-04-1).

0248018020 ESCATAWPA RIVER AT I-10 NEAR ORANGE GROVE, MS

LOCATION.--Lat 30°27'31", long 88°27'05", in SE¼ sec.2, T.7 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, at U.S. Interstate 10 bridge about 2.5 mi north of Orange Grove, 5 mi northeast of Moss Point, and about 10.5 mi upstream of the confluence with the Pascagoula River.

DRAINAGE AREA.--972 mi^2.

PERIOD OF DAILY RECORD.--
DISCHARGE: August 2001 to September 2003.
GAGE HEIGHT: August 2001 to current year.
SPECIFIC CONDUCTANCE: August 2001 to current year.
WATER TEMPERATURE: August 2001 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is NAVD of 1988. Water-quality monitor since August 2001.

REMARKS.--Gage height records good. Specific conductance records excellent. Water temperature records good. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 7.46 ft, July 2, 2003, but may have been higher during periods of instrument malfunction; minimum recorded, -1.23 ft, Mar. 2, 2002, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 29,900 microsiemens, Sept. 16, 2004 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 21 microsiemens, July 3, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 30.2 °C, July 21, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, 6.7 °C, Jan. 4, 5, 2002, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 4.01 ft, Sept. 16 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -0.96 ft, Apr. 14, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 29,900 microsiemens, Sept. 16 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 22 microsiemens, Feb. 28, 29, Mar. 1, 2, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 28.6 °C, July 25, Sept. 16 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 8.4 °C, Jan. 12, 13, but may have been lower during periods of instrument malfunction.

REVISIONS.--All individual gage height values published in WDR MS-03-1 have been revisied by -2.70 ft. Discharge remains as published.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.17	0.58	1.46	2.39	0.60	1.60	1.19	0.51	0.91	1.78	0.61	1.19
2	2.02	0.22	1.22	1.98	0.68	1.42	1.29	0.57	0.85	1.99	0.65	1.33
3	2.30	0.58	1.59	1.67	0.85	1.34	2.18	1.16	1.58	2.11	0.73	1.44
4	2.35	0.72	1.71	2.29	1.43	1.93	2.29	1.47	1.88	2.31	0.74	1.59
5	2.19	0.54	1.51	2.39	1.63	2.07	2.27	1.12	1.53	2.29	0.61	1.38
6	2.16	0.81	1.60	2.02	1.17	1.54	1.32	0.13	0.77	1.56	-0.63	0.48
7	2.18	1.26	1.69	1.86	0.50	1.32	1.80	-0.27	0.68	1.68	-0.68	0.50
8	1.92	1.11	1.55	1.93	0.26	1.20	2.25	-0.16	1.00	2.22	-0.33	0.78
9	1.93	1.43	1.67	2.01	0.16	1.07	2.75	0.36	1.62	2.41	0.02	1.17
10	2.25	1.44	1.91	2.16	0.34	1.32	2.82	0.25	1.59	1.73	-0.41	0.54
11	2.40	1.49	2.00	2.31	0.34	1.41	1.85	-0.31	0.82	1.64	-0.08	0.67
12	2.48	1.45	1.97	2.41	0.47	1.51	2.08	0.00	1.04	1.33	0.02	0.68
13	2.36	1.27	1.87	2.35	-0.21	1.15	2.29	1.06	1.69	1.24	0.32	0.82
14	2.36	0.77	1.54	1.99	0.49	1.28	2.32	0.25	1.29	1.24	0.42	0.86
15	1.61	0.48	1.08	2.30	0.49	1.53	1.76	0.41	1.18	1.30	0.40	0.76
16	1.84	0.45	1.15	2.48	0.81	1.80	2.06	0.67	1.42	1.94	0.04	1.03
17	2.14	0.64	1.40	2.30	0.88	1.75	1.00	0.12	0.58	2.65	0.37	1.46
18	1.92	0.60	1.28	2.74	1.86	2.41	1.23	---	---	2.54	0.94	1.89
19	2.18	0.69	1.51	2.55	0.23	1.37	1.09	-0.42	0.33	2.41	-0.05	1.25
20	2.14	0.67	1.52	1.54	0.47	1.00	1.51	-0.44	0.53	2.00	-0.09	0.96
21	1.86	0.83	1.40	1.90	0.46	1.14	2.12	-0.60	0.75	2.11	-0.04	1.05
22	1.30	0.77	1.06	2.44	0.17	1.29	2.35	-0.40	1.04	2.11	-0.03	1.06
23	1.79	0.76	1.31	2.71	0.62	1.77	2.35	0.14	1.49	1.89	-0.05	0.92
24	1.88	0.68	1.31	2.76	-0.12	1.52	2.07	-0.63	0.76	1.80	0.04	0.89
25	2.25	0.33	1.34	2.46	-0.02	1.37	2.09	-0.37	0.87	2.09	0.89	1.56
26	2.31	0.32	1.54	2.55	-0.17	1.43	1.97	-0.35	0.82	1.88	1.18	1.54
27	2.39	0.05	1.40	2.74	0.81	1.93	1.91	-0.01	1.06	1.62	0.05	0.81
28	2.52	0.61	1.70	2.91	-0.08	1.47	2.00	0.47	1.31	1.10	-0.28	0.32
29	2.67	0.65	1.88	1.49	-0.03	0.69	2.18	0.98	1.72	1.36	-0.06	0.64
30	2.66	0.69	1.83	1.38	0.18	0.80	1.67	0.33	1.07	1.62	0.37	1.02
31	2.48	0.73	1.70	---	---	---	1.65	0.84	1.20	2.17	0.13	1.16

0248018020 ESCATAWPA RIVER AT I-10 NEAR ORANGE GROVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.44	1.01	1.71	3.86	3.64	3.73	1.23	-0.09	0.60	1.82	0.77	1.30
2	2.36	0.88	1.68	3.88	3.60	3.71	1.13	-0.63	0.41	2.09	1.27	1.67
3	2.06	-0.42	0.83	3.62	3.11	3.31	0.95	-0.23	0.38	3.09	2.09	2.75
4	2.29	-0.27	0.97	3.14	2.61	2.81	0.94	-0.04	0.43	2.87	2.02	2.64
5	2.37	0.64	1.59	2.77	2.13	2.39	1.24	0.06	0.60	2.46	1.19	2.08
6	2.44	0.58	1.45	2.56	1.60	2.00	1.42	0.12	0.72	2.33	0.80	1.72
7	1.60	-0.22	0.38	1.87	0.75	1.15	1.77	0.04	1.02	2.22	0.50	1.43
8	1.22	-0.48	0.26	1.05	0.20	0.49	2.10	-0.06	1.21	2.24	0.11	1.31
9	1.32	0.01	0.77	1.01	-0.47	0.50	2.17	-0.32	1.12	2.34	0.10	1.44
10	1.42	0.52	0.94	1.44	-0.60	0.47	2.04	-0.28	1.01	2.40	0.23	1.52
11	1.74	0.84	1.30	1.19	-0.16	0.48	2.41	-0.24	1.09	2.22	0.61	1.54
12	1.67	1.24	1.48	1.73	-0.22	0.78	2.35	0.40	1.51	2.31	0.73	1.63
13	2.34	1.16	1.70	2.08	-0.21	1.00	1.89	-0.73	0.31	2.15	1.13	1.69
14	3.15	2.01	2.47	2.15	-0.04	1.16	0.51	-0.96	-0.19	2.00	1.67	1.82
15	3.15	2.65	2.86	2.21	0.05	1.23	0.67	-0.79	0.03	2.07	1.29	1.83
16	2.95	2.61	2.76	2.04	0.22	1.24	0.93	-0.27	0.28	2.06	1.20	1.72
17	2.95	2.47	2.69	1.78	-0.06	1.11	0.81	-0.11	0.32	2.14	---	---
18	2.77	2.05	2.35	1.79	0.18	1.01	0.91	-0.13	0.44	2.42	---	---
19	2.36	1.78	2.05	1.73	0.34	0.93	1.39	-0.10	0.74	2.39	1.24	1.93
20	2.43	1.93	2.18	1.52	0.39	0.85	1.59	0.09	0.81	2.33	0.94	1.77
21	2.47	1.53	1.97	1.24	0.12	0.56	2.06	0.45	1.43	2.23	0.79	1.59
22	2.11	1.40	1.71	1.17	-0.12	0.43	2.17	0.20	1.42	2.46	0.76	1.76
23	---	1.32	---	1.61	0.16	0.91	2.01	0.05	1.12	2.54	1.00	1.89
24	2.81	1.98	2.37	1.73	0.44	1.00	2.02	0.01	1.15	2.30	1.05	1.74
25	2.79	1.98	2.39	1.96	0.16	1.18	2.12	0.11	1.21	2.07	0.72	1.40
26	3.44	2.70	2.98	1.94	0.08	1.01	1.52	0.19	0.95	1.61	0.34	1.12
27	3.92	3.41	3.69	1.96	0.02	1.03	1.75	-0.20	0.88	1.43	0.40	1.03
28	3.88	3.65	3.75	1.93	0.25	1.08	1.85	-0.25	0.97	1.49	0.31	1.04
29	3.73	3.52	3.61	1.85	0.11	1.04	2.27	0.33	1.31	1.34	0.46	0.95
30	---	---	---	1.96	-0.29	0.93	1.96	0.88	1.48	1.96	0.93	1.44
31	---	---	---	1.43	-0.31	0.61	---	---	---	1.83	-0.08	1.21
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.30	0.22	1.52	3.02	1.95	2.60	2.34	0.25	1.44	1.21	0.49	0.94
2	2.34	-0.16	1.41	2.99	2.10	2.63	2.04	0.14	1.17	1.30	0.38	1.01
3	2.42	-0.15	1.58	2.95	1.93	2.52	1.81	0.30	1.02	1.54	0.74	1.20
4	2.26	0.11	1.43	2.90	2.07	2.52	1.46	0.39	0.97	1.75	0.62	1.20
5	2.54	0.32	1.71	2.84	2.26	2.56	1.01	0.57	0.76	1.75	0.17	0.97
6	2.53	1.06	1.96	2.61	2.21	2.41	1.00	0.24	0.59	1.33	-0.47	0.31
7	2.57	1.59	2.13	2.32	1.99	2.16	1.44	0.51	1.07	0.96	-0.55	0.27
8	2.47	1.84	2.16	2.14	1.93	2.04	2.17	0.80	1.54	1.27	-0.28	0.55
9	2.20	1.65	1.88	2.09	1.68	1.88	2.09	0.50	1.38	1.43	0.12	0.82
10	1.77	1.44	1.56	2.12	1.56	1.84	2.22	0.35	1.48	1.42	-0.06	0.77
11	1.57	0.96	1.33	2.24	1.32	1.86	2.01	0.19	1.26	1.70	0.34	1.05
12	1.66	0.69	1.19	1.83	0.63	1.47	2.15	0.59	1.49	1.91	0.66	1.28
13	1.85	0.42	1.19	1.88	0.34	1.21	2.52	0.63	1.94	1.84	0.76	1.34
14	2.35	1.01	1.77	2.13	0.29	1.23	2.28	0.74	1.75	2.05	1.25	1.70
15	2.72	1.40	2.27	1.92	0.06	1.17	1.97	0.34	1.22	3.51	1.68	2.57
16	2.65	1.26	2.10	2.02	-0.16	1.13	1.79	0.24	0.99	4.01	3.29	3.60
17	2.50	1.23	2.06	1.96	-0.06	1.17	1.68	0.29	0.94	3.71	3.31	3.50
18	2.44	0.94	1.85	1.92	0.02	1.14	1.43	0.40	0.90	3.75	2.89	3.36
19	2.27	0.77	1.65	2.25	0.44	1.55	1.40	0.66	1.00	2.92	1.99	2.50
20	2.18	0.46	1.45	2.25	1.09	1.70	1.47	0.80	1.14	2.72	1.88	2.33
21	2.17	0.31	1.39	1.90	0.78	1.48	1.75	0.46	0.95	2.59	1.61	2.17
22	1.90	0.49	1.37	1.51	0.58	1.06	1.75	0.28	0.96	2.72	1.57	2.22
23	1.88	0.37	1.28	1.02	0.51	0.82	2.03	0.15	1.10	2.82	1.41	2.26
24	1.67	0.63	1.19	1.23	0.52	0.86	2.00	-0.12	1.08	2.26	0.81	1.74
25	1.63	0.66	1.23	1.38	0.25	0.77	2.05	0.00	1.08	2.25	0.71	1.60
26	1.49	0.77	1.22	1.69	0.16	0.99	2.03	0.01	1.23	1.80	0.36	1.24
27	1.97	1.13	1.56	1.98	-0.10	1.00	2.12	-0.07	1.24	1.38	0.38	0.85
28	2.41	1.25	1.92	1.92	-0.35	1.00	1.98	-0.08	1.21	1.31	0.34	0.87
29	2.58	1.34	2.12	2.17	-0.28	1.20	2.02	-0.04	1.20	1.48	0.23	0.89
30	2.80	1.61	2.36	2.40	0.08	1.52	1.98	0.27	1.17	1.87	0.09	1.03
31	---	---	---	2.47	0.23	1.65	1.66	0.46	1.03	---	---	---

0248018020 ESCATAWPA RIVER AT I-10 NEAR ORANGE GROVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	36	32	33	---	---	---	36	33	34	36	32	34
2	36	33	34	---	---	---	33	32	33	33	31	32
3	37	35	36	---	---	---	32	31	31	31	30	31
4	43	35	38	---	---	---	32	31	32	31	30	31
5	38	36	37	---	---	---	32	31	32	32	31	32
6	---	---	---	---	---	---	32	31	32	33	32	33
7	---	---	---	---	---	---	33	32	33	34	32	33
8	38	37	37	---	---	---	35	32	34	35	33	34
9	---	---	---	---	---	---	35	33	34	36	33	35
10	---	---	---	---	---	---	37	34	35	37	35	36
11	44	36	40	---	---	---	37	35	36	36	34	35
12	47	39	41	---	---	---	37	35	36	35	34	34
13	44	37	39	---	---	---	36	33	34	34	33	34
14	44	37	40	---	---	---	36	33	35	34	30	32
15	37	36	36	---	---	---	35	34	35	31	30	31
16	37	35	37	---	---	---	34	33	34	32	31	32
17	38	36	37	---	---	---	34	32	33	33	31	32
18	38	37	37	---	---	---	32	31	31	35	31	33
19	39	36	37	---	---	---	32	31	31	35	33	34
20	39	36	38	39	38	39	32	31	31	33	30	32
21	39	37	38	38	35	37	33	31	32	30	29	30
22	39	37	38	46	34	36	36	32	34	29	28	29
23	39	38	39	36	34	35	36	33	35	29	28	29
24	---	---	---	36	33	35	38	35	37	30	28	29
25	---	---	---	39	34	36	38	36	38	30	29	29
26	---	---	---	37	34	36	38	35	36	33	30	31
27	---	---	---	46	35	39	35	33	34	35	32	34
28	---	---	---	48	34	37	34	32	33	34	33	34
29	---	---	---	40	38	39	34	32	32	33	30	32
30	---	---	---	39	36	38	36	34	35	30	29	30
31	---	---	---	---	---	---	37	36	37	31	30	30
		FEBRUARY			MARCH			APRIL			MAY	
1	32	30	31	22	22	22	37	36	37	39	35	38
2	32	30	31	23	22	22	38	36	37	35	27	31
3	33	30	32	23	23	23	38	36	37	27	26	26
4	32	31	32	24	23	24	37	36	36	27	27	27
5	33	31	32	26	24	25	37	36	37	28	27	28
6	33	31	32	27	26	26	37	36	37	29	28	28
7	34	32	33	28	27	28	38	36	37	29	29	29
8	34	33	34	29	28	28	41	37	38	30	29	29
9	33	30	32	29	28	28	39	37	38	31	29	31
10	31	30	30	29	28	29	39	36	38	34	31	33
11	30	29	30	29	29	29	54	36	38	35	32	34
12	32	30	31	30	29	30	39	35	37	36	34	35
13	31	30	30	31	29	30	41	36	39	37	35	36
14	31	28	30	31	30	31	40	37	38	39	36	37
15	30	28	28	33	30	32	38	36	37	37	33	35
16	28	27	28	33	31	33	38	36	37	37	29	31
17	28	27	27	33	31	32	38	36	37	30	27	28
18	27	27	27	32	31	31	38	37	37	27	25	26
19	27	27	27	31	30	31	38	37	38	28	25	25
20	27	27	27	33	31	32	39	37	38	28	26	27
21	28	27	28	34	33	33	53	38	39	28	27	27
22	29	28	28	34	34	34	392	39	120	29	27	27
23	30	29	29	35	33	34	456	39	113	29	27	28
24	32	29	30	35	34	35	146	39	52	30	28	29
25	31	29	30	36	34	35	177	39	58	32	29	30
26	29	25	27	37	34	36	41	39	40	33	31	32
27	25	23	24	37	35	36	44	39	43	33	32	33
28	23	22	23	37	35	36	42	39	41	35	33	34
29	23	22	22	37	35	37	42	38	39	36	34	35
30	---	---	---	38	36	37	40	37	38	37	34	36
31	---	---	---	38	36	37	---	---	---	37	36	36

0248018020 ESCATAWPA RIVER AT I-10 NEAR ORANGE GROVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	39	36	37	29	27	28	46	33	35	40	37	38
2	46	37	39	28	27	27	44	33	34	38	31	34
3	40	35	38	29	28	28	42	32	34	47	30	31
4	35	31	33	29	26	27	42	31	33	31	30	31
5	33	29	31	28	25	26	41	30	32	31	30	30
6	29	26	28	26	24	25	41	30	32	45	30	31
7	26	26	26	27	24	26	43	31	32	34	31	32
8	27	26	26	27	25	26	35	33	34	35	34	34
9	28	26	27	28	26	27	47	34	35	37	35	36
10	28	28	28	29	27	28	40	36	37	38	36	37
11	29	28	29	29	27	28	52	38	39	39	37	38
12	31	29	30	30	28	29	50	35	38	39	38	39
13	33	31	31	35	30	31	36	29	31	61	38	43
14	34	32	33	35	32	33	30	29	29	496	38	110
15	35	34	35	37	34	35	44	30	31	29300	83	11100
16	35	33	34	39	35	37	48	30	32	29900	69	9160
17	41	32	35	40	36	37	45	31	33	69	29	41
18	32	30	31	40	33	37	47	31	33	30	28	29
19	35	30	30	33	29	31	47	32	35	31	30	31
20	32	31	31	30	26	28	46	34	35	31	31	31
21	33	31	32	28	26	27	45	36	37	31	31	31
22	33	30	32	28	27	27	52	37	40	32	31	31
23	35	33	34	30	28	29	54	34	38	33	32	32
24	37	35	36	31	30	30	48	33	36	35	33	33
25	36	35	35	42	31	33	44	30	33	36	34	35
26	35	34	34	46	32	35	49	32	34	37	36	36
27	35	31	33	40	34	35	51	34	35	38	37	38
28	32	30	31	49	33	37	52	35	36	40	38	39
29	31	30	30	45	32	35	56	37	39	41	39	40
30	31	29	30	33	30	32	54	37	39	42	40	40
31	---	---	---	43	31	33	38	36	37	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.9	21.4	21.6	20.3	19.6	20.0	11.8	11.3	11.6	11.6	11.1	11.3
2	21.6	20.9	21.2	20.6	20.0	20.3	11.6	11.3	11.5	12.6	11.6	12.1
3	20.9	20.4	20.6	20.4	20.0	20.3	11.7	11.3	11.5	13.9	12.6	13.3
4	20.8	20.4	20.5	20.7	20.3	20.5	13.0	11.7	12.4	15.4	13.9	14.8
5	21.1	20.6	20.9	21.2	20.5	20.8	13.2	12.7	13.0	16.6	15.4	16.2
6	21.5	21.0	21.2	21.8	21.1	21.4	12.7	11.0	11.7	16.3	13.7	15.0
7	22.0	21.4	21.6	22.1	21.6	21.8	11.0	10.5	10.6	13.7	11.7	12.5
8	22.2	21.6	21.8	22.0	21.6	21.8	10.6	10.1	10.4	11.7	10.4	10.8
9	22.4	22.0	22.1	21.7	21.0	21.2	10.9	10.3	10.6	10.5	10.0	10.2
10	22.3	22.2	22.2	21.0	20.3	20.5	11.9	10.9	11.4	10.2	9.7	10.0
11	22.2	22.0	22.1	20.6	20.0	20.2	11.8	11.3	11.5	9.8	8.7	9.1
12	22.4	22.0	22.2	20.4	20.0	20.2	11.4	10.9	11.2	8.7	8.4	8.5
13	22.4	22.1	22.3	20.3	19.6	20.0	11.2	10.8	10.9	9.3	8.4	8.9
14	22.8	22.3	22.5	19.6	18.6	18.9	10.8	10.6	10.7	10.0	9.3	9.6
15	22.6	22.0	22.2	18.6	17.6	18.0	10.6	9.6	10	10.7	9.9	10.4
16	22.1	21.1	21.4	17.9	17.5	17.6	10.6	9.6	10.1	11.2	10.7	10.9
17	21.1	20.6	20.8	17.7	17.3	17.6	10.7	9.9	10.4	11.5	10.9	11.2
18	20.6	20.2	20.3	18.4	17.7	18.1	9.9	9.4	9.6	13.1	11.5	12.5
19	20.2	19.9	20.0	18.3	17.9	18.1	9.8	9.4	9.6	13.4	12.3	13.0
20	20.0	19.6	19.9	18.0	17.1	17.4	9.5	8.9	9.3	12.3	10.0	10.8
21	20.2	19.7	19.9	17.1	16.3	16.6	9.1	8.7	8.9	10.0	9.2	9.5
22	20.4	19.8	20.0	16.5	16.0	16.3	9.8	8.7	9.3	9.5	8.9	9.2
23	20.8	20.1	20.3	16.7	16.1	16.4	11.0	9.6	10.4	9.3	8.9	9.2
24	21.2	20.4	20.7	16.8	16.0	16.3	11.7	10.9	11.4	9.7	9.1	9.4
25	21.4	20.8	21.0	16.0	14.5	14.9	11.6	10.6	11.0	11.3	9.7	10.5
26	21.6	20.9	21.4	14.6	13.3	13.8	10.6	9.8	10.1	13.1	11.3	12.4
27	21.6	21.0	21.3	14.6	13.7	14.1	9.8	9.4	9.6	13.2	12.2	13.0
28	21.0	19.5	20.1	15.0	14.4	14.6	10.3	9.4	9.8	12.2	10.1	11.1
29	19.5	18.4	18.9	14.4	12.6	13.4	12.1	10.3	11.2	10.1	9.3	9.6
30	19.0	18.2	18.7	12.6	11.5	12.0	12.6	12.1	12.4	10.3	9.3	9.8
31	19.8	18.9	19.4	---	---	---	12.2	11.4	11.8	10.3	10.0	10.2

0248018020 ESCATAWPA RIVER AT I-10 NEAR ORANGE GROVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.1	9.9	10.0	13.3	12.0	12.7	20.6	19.7	19.9	20.8	20.2	20.5
2	10.8	10.0	10.4	14.8	13.3	14.0	19.7	18.7	19.0	20.6	19.9	20.4
3	11.5	10.8	11.2	15.9	14.6	15.3	19.0	18.3	18.6	19.9	19.1	19.5
4	11.3	11.0	11.1	17.6	15.8	16.6	19.1	18.1	18.5	19.4	18.4	18.9
5	12.4	11.0	11.6	19.0	17.6	18.2	18.6	18.1	18.3	19.7	18.4	19.0
6	14.4	12.4	13.6	20.0	19.0	19.5	18.7	17.9	18.2	20.2	18.9	19.5
7	14.1	12.4	13.2	20.0	19.4	19.6	18.9	18.3	18.5	20.7	19.5	20.1
8	12.4	10.8	11.6	19.4	18.2	18.7	19.6	18.7	19.0	21.4	20.2	20.7
9	11.0	10.5	10.7	18.2	17.1	17.5	20.5	19.4	19.8	22.3	21.1	21.5
10	11.3	11.0	11.2	17.2	16.0	16.6	21.3	20.3	20.6	22.9	22.1	22.3
11	11.6	11.3	11.4	16.0	15.3	15.7	21.3	21.0	21.1	23.1	22.6	22.8
12	12.4	11.6	12.1	15.8	15.3	15.5	21.1	20.5	20.7	23.4	22.7	23.0
13	12.2	11.6	11.8	16.4	15.5	16.0	20.6	19.2	19.8	23.1	22.4	22.8
14	11.7	11.5	11.6	16.6	16.0	16.3	19.2	18.1	18.4	23.4	22.6	23.0
15	11.5	10.5	11.0	17.2	16.4	16.8	18.6	17.7	18.0	23.2	22.8	23.0
16	10.5	9.9	10.2	18.2	17.2	17.7	18.8	17.7	18.2	23.5	22.6	23.0
17	10.0	9.4	9.7	18.4	17.8	18.1	19.3	18.2	18.6	23.7	23.0	23.3
18	10.1	9.0	9.5	18.5	17.8	18.2	19.8	18.8	19.2	24.1	23.1	23.6
19	10.4	9.2	9.8	19.4	18.3	19.0	20.6	19.6	20.0	24.3	23.4	23.7
20	11.5	10.2	10.7	20.3	19.2	19.8	20.9	20.3	20.5	24.4	23.6	23.9
21	12.8	11.5	12.1	20.7	19.9	20.3	21.3	20.7	21.0	24.4	23.6	24.0
22	12.9	12.3	12.7	20.4	18.9	19.5	21.9	21.1	21.4	24.7	23.7	24.1
23	13.1	12.8	12.9	18.9	17.7	18.3	22.6	21.7	22.0	25.0	24.1	24.5
24	12.8	12.6	12.7	17.9	17.1	17.4	23.6	22.4	22.8	25.5	24.4	24.8
25	13.3	12.8	13.0	18.1	17.2	17.6	24.1	23.4	23.7	26.0	25.0	25.3
26	13.3	12.3	12.8	18.8	17.7	18.0	23.9	23.5	23.7	26.2	25.3	25.6
27	12.4	11.8	12.1	19.4	18.3	18.7	23.5	22.6	22.9	26.6	25.7	26.0
28	12.3	11.3	11.8	20.3	19.2	19.5	22.7	21.4	21.7	26.9	26.0	26.3
29	12.1	11.6	11.9	20.7	19.9	20.1	21.6	20.8	21.0	27.2	26.4	26.7
30	---	---	---	21.0	20.4	20.6	21.0	20.6	20.7	27.3	27.0	27.1
31	---	---	---	21.2	20.6	20.8	---	---	---	27.3	26.8	27.0
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.1	26.7	25.2	24.4	24.8	27.4	26.9	27.1	26.0	24.9	25.4
2	26.1	25.4	25.9	25.4	24.7	25.0	27.9	27.1	27.4	26.0	25.2	25.5
3	25.4	24.3	25.0	25.5	24.8	25.1	28.2	27.5	27.7	25.9	24.9	25.4
4	24.9	23.9	24.4	25.8	24.9	25.3	28.1	27.7	27.9	26.4	25.5	25.9
5	24.6	24.1	24.4	26.0	25.0	25.5	28.3	27.4	27.8	26.7	25.9	26.3
6	24.6	24.0	24.3	26.1	25.2	25.6	28.5	27.8	28.1	26.7	26.1	26.4
7	24.9	23.8	24.3	25.9	25.2	25.6	28.4	27.8	28.0	26.8	26.0	26.4
8	25.3	24.2	24.7	26.0	25.3	25.7	28.0	27.7	27.9	27.0	26.4	26.8
9	25.8	24.7	25.2	26.5	25.5	25.9	27.7	27.6	27.7	27.1	26.8	27.0
10	26.4	25.3	25.8	26.6	25.9	26.2	27.6	27.0	27.4	27.4	26.8	27.0
11	26.8	25.9	26.3	26.7	25.8	26.2	27.0	26.6	26.7	27.5	27.0	27.2
12	27.1	26.5	26.8	27.6	26.1	26.5	26.6	25.4	26.4	27.5	27.0	27.2
13	27.6	26.9	27.2	27.4	26.6	27.0	25.4	23.7	24.3	27.0	26.3	26.6
14	27.6	26.7	27.2	27.7	27.0	27.3	23.8	22.9	23.3	26.8	26.2	26.5
15	26.7	26.1	26.5	28.2	27.4	27.8	23.6	22.7	23.1	28.4	26.1	27.0
16	26.7	25.7	26.1	28.1	27.7	27.8	23.9	23.0	23.4	28.6	24.5	25.9
17	27.0	26.2	26.6	27.8	27.1	27.5	24.3	23.4	23.8	25.1	24.1	24.6
18	27.2	26.5	26.8	27.1	25.9	26.5	24.8	23.9	24.2	25.3	24.4	24.8
19	27.5	26.6	27.0	26.3	25.6	25.9	25.5	24.5	24.8	24.8	23.8	24.4
20	27.9	27.0	27.4	26.0	25.3	25.7	26.0	25.3	25.5	24.3	23.6	24.0
21	27.6	27.0	27.3	26.2	25.4	25.8	26.1	25.5	25.8	24.1	23.2	23.7
22	27.2	26.3	26.7	26.9	25.8	26.3	26.0	25.2	25.6	24.0	23.4	23.7
23	26.3	25.9	26.0	27.6	26.4	26.9	25.4	24.8	25.1	24.2	23.5	23.8
24	25.9	25.5	25.7	28.3	27.2	27.7	25.2	24.8	25.0	24.8	23.7	24.1
25	25.7	25.1	25.4	28.6	28.1	28.3	25.0	24.4	24.7	24.8	24.0	24.3
26	25.5	24.9	25.2	28.2	26.9	27.6	25.7	24.6	25.0	24.7	23.9	24.2
27	25.4	24.8	25.1	26.9	26.6	26.8	26.5	25.5	25.9	25.0	24.0	24.4
28	25.1	24.8	25.0	27.2	26.4	26.7	26.9	26.0	26.4	25.1	24.3	24.6
29	24.8	24.6	24.7	27.5	26.7	27.1	27.0	26.6	26.8	25.2	24.3	24.7
30	24.8	24.3	24.6	27.3	27.0	27.2	26.8	26.0	26.5	25.1	24.2	24.5
31	---	---	---	27.4	26.9	27.1	26.0	25.3	25.6	---	---	---

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, MS

LOCATION.--Lat 30°21'42", long 88°33'57", in NE¼ NW¼ sec.5, T.8 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on East side of Pascagoula River at NOAA dock and at mile 1.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1972, 1974-92, 1994-97, 2000 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1999 to current year.
WATER TEMPERATURE: October 1999 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1999.

REMARKS.--Specific conductance records good. Water temperature records good. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 50,400 microsiemens, Aug. 2, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, 74 microsiemens, July 8, 9, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.5 °C, August 17, 18, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 6.1 °C, Jan. 24, 2003, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 50,100 microsiemens, Aug. 7, but may have been higher during periods of instrument malfunction; minimum recorded, 1,130 microsiemens, July 11, 12, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.1 °C, Aug. 4, but may have been higher during periods of instrument malfunction; minimum recorded, 9.4 °C, Feb. 18, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific Conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	42000	26000	36900	44900	22700	35900	45800	10600	31400	43000	13200	30300
2	41800	26800	36800	44700	19500	37200	45500	10600	37400	40600	13700	27900
3	41700	27900	37400	45400	20100	40200	45900	14300	39900	39000	14600	26800
4	41500	26700	36200	45700	42200	44500	43800	11300	28400	38700	13400	24900
5	40600	23800	34500	44600	23700	36600	42700	11300	21600	42700	11800	25300
6	40700	25800	35300	43000	17900	33900	44300	10900	27700	44100	16000	33900
7	40500	26500	35500	45800	15100	37400	45200	11000	30900	44500	18500	35900
8	41500	25400	36000	46800	21700	39500	44800	13300	31300	43900	18700	34300
9	40200	33100	38000	47200	28300	41700	40100	20400	33600	42900	20900	35000
10	37300	21100	32000	46100	33000	43200	39400	17200	29500	43000	20300	34300
11	38900	18900	31000	45700	31300	41300	42300	17700	32200	43000	19000	32700
12	44100	24300	35200	44800	32200	40000	42300	19600	33300	43000	13700	30200
13	43200	24900	35400	44200	29900	39000	42000	25900	37200	41500	10400	29800
14	44500	22200	33100	45700	34800	42400	42700	20200	32700	43000	8410	27600
15	46000	23200	38000	46400	33000	42100	42400	17100	33100	43500	9200	27400
16	42600	20500	34300	46600	32500	42300	42300	18400	29800	44100	10600	32900
17	42400	23400	34400	46000	31600	41100	42300	15000	31800	40300	15300	32400
18	45400	24600	39100	45000	34200	42000	43900	13400	23300	38100	17000	29600
19	45500	26200	39200	42400	26700	35500	45300	11800	28700	36600	9940	22100
20	45400	26400	38300	44200	27100	39400	47200	12000	33700	41300	11400	28200
21	44600	21300	37700	44200	22900	38000	46300	15800	35300	42000	10200	28500
22	47100	18300	37800	43800	22100	36300	44200	22800	36700	42700	10700	28200
23	47300	21700	38000	43800	26300	38800	43700	24600	36100	42700	11400	27000
24	45700	21600	37200	44400	23200	37100	44100	21000	34800	41600	10600	27800
25	42500	22000	34900	45000	26900	39100	45800	23600	37900	40700	13500	28600
26	43000	27300	36700	44300	25300	38300	45900	21300	36800	40400	9840	29400
27	47000	28300	38500	44700	27100	38600	46700	22400	38100	44100	9730	22800
28	45100	29600	40200	43400	17700	32700	46100	23500	38100	46200	11800	33600
29	45100	27100	37600	44500	18300	34200	44900	15000	31600	47200	15300	38100
30	43400	23500	35200	45400	14100	32400	43500	15000	35900	46200	13800	30300
31	45000	24400	37100	---	---	---	44900	13200	36000	46700	14200	37700

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific Conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	46200	20800	36100	2530	1320	1770	46200	16300	33100	40000	13300	27800
2	42500	18900	31100	1950	1190	1530	47700	13600	31500	42400	12200	22800
3	41100	13300	28600	4200	1150	1740	48800	16000	31900	41600	8700	23600
4	45400	16300	33900	2740	1170	1670	48800	14500	27600	43700	6290	23900
5	44500	21800	36000	5400	1330	2150	48700	18300	37800	42000	5980	23300
6	42800	18600	33200	4280	1440	2230	46600	16800	33900	42900	5980	30500
7	44800	16900	27400	8690	1970	3240	41400	18900	30800	41200	7340	25000
8	46000	15600	34900	6390	3660	4710	42500	20400	32500	42400	8100	29500
9	43200	16600	32900	16900	4280	6570	45000	20200	36600	43500	12600	32100
10	43200	12900	28600	42000	4880	18200	43700	23000	35500	36400	14900	27900
11	43200	9670	32100	38700	6500	17600	---	23500	---	---	17000	---
12	29300	8710	11700	41500	5870	20200	43900	28400	37300	37400	15400	28900
13	40700	4390	16800	37600	7240	21700	40500	22000	29500	35400	15200	24800
14	44000	3330	18600	32200	7510	20500	43700	20100	33300	36200	10100	22700
15	8980	2180	3110	32000	6830	19900	46600	21100	38700	36500	7730	21400
16	3910	1670	2340	33700	7420	20300	44000	16600	33100	33400	7440	16900
17	3410	1480	2130	37300	9750	21200	36600	14600	27100	32400	4510	18200
18	2560	1400	1810	33100	7560	19600	39600	13500	30600	33600	3620	16700
19	4040	1390	2020	40000	8300	23100	40900	---	---	34500	3620	18300
20	25500	1570	3750	38700	7440	22600	39500	---	---	34900	4730	20100
21	39000	1600	6770	45700	6720	27000	37000	17300	28600	37800	5460	20800
22	28800	1930	4430	48600	21700	41200	36200	17500	27000	40900	6880	22300
23	26100	2100	7220	48500	19200	37600	38100	17500	29500	26700	6740	12600
24	---	2280	---	41100	21000	35900	36200	19700	30100	29500	4230	11800
25	39100	2240	13200	38100	19100	32900	34400	19700	28200	32500	5150	13200
26	29400	2650	7660	36100	18200	28200	39100	18200	28800	27300	5210	11100
27	20900	2080	4000	36100	18000	28700	42500	19100	33300	5330	3590	4270
28	4030	1800	2490	35400	18100	27000	43800	21500	36500	21000	3750	8000
29	7920	1540	2580	39200	15500	26800	41100	19400	34100	8690	3470	4890
30	---	---	---	45500	15500	33100	39100	15000	26500	7300	3710	5420
31	---	---	---	41800	19500	26200	---	---	---	9180	3680	5720
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17300	9180	13600	36700	2050	20500	39600	19300	32500	43500	24100	39000
2	20900	3900	13200	35900	1840	18600	38900	19300	31400	43000	18700	38400
3	39400	4310	20400	36500	1450	18900	40200	18700	31300	42600	16300	36700
4	40600	4310	22300	36200	1410	15100	40900	16000	32800	41700	17500	34100
5	40800	4650	25000	38400	1190	10900	41400	17500	29100	41700	20200	32900
6	41600	4540	20100	35300	1600	9020	49600	34100	44200	44100	21600	32900
7	40900	2650	17100	33700	1490	7750	50100	36500	44600	44300	21100	33200
8	33000	1530	11600	4840	1930	3100	42900	24300	35400	44000	23800	35800
9	31500	1750	14200	21900	1690	4130	41500	25600	35000	45700	23800	36500
10	30200	3940	16800	5850	1190	2820	40200	24000	33300	42300	22900	34200
11	23900	3760	8750	29500	1130	10500	40200	24000	33500	43200	26700	37400
12	35600	4730	16900	32300	1130	9730	43800	22800	32300	43100	28700	39200
13	39200	5020	16500	36700	5240	18500	43800	22700	35600	41500	28500	38800
14	40500	12300	20800	39900	6150	19000	43800	20000	35800	---	---	---
15	27600	8930	19100	31700	6670	17400	43800	23300	37200	---	---	---
16	24500	5410	14700	38400	7990	18300	43900	21200	37400	---	---	---
17	31300	5950	17500	42800	11100	24500	43500	22800	38400	---	---	---
18	37300	7190	21000	48100	12000	28800	43300	21200	37900	---	---	---
19	39900	7960	25700	47600	13400	32500	42900	20900	33600	---	---	---
20	42500	9720	29600	45300	13700	29100	34100	16100	22900	---	---	---
21	43400	14600	30800	37400	10900	24800	42500	17300	29300	41700	16200	29800
22	41700	14100	27500	38300	9470	25700	42800	17100	33400	40900	19400	32200
23	27400	9770	18700	46100	17000	34200	42700	21100	31600	38800	18100	31100
24	43500	8490	21300	44100	13500	36800	40800	21300	30800	36800	16200	28600
25	35100	9010	15800	41900	10400	29700	41200	20400	30700	38700	20300	30100
26	46100	6630	17600	43800	13700	27800	41800	18800	30800	41100	22100	33400
27	41700	7250	18100	42500	19200	30400	41700	19500	31900	44000	22600	36000
28	33200	7690	18000	46100	21400	35000	41900	19300	33700	43500	24600	38100
29	41000	4410	21700	42200	20200	33000	42400	21800	35400	43000	23300	37500
30	35600	2460	18800	40700	21700	33100	42700	22400	36500	44400	16600	34500
31	---	---	---	39600	19000	31900	43100	21800	37100	---	---	---

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	22.7	23.8	23.3	21.8	22.7	16.9	14.0	15.7	14.6	12.4	13.7
2	24.1	21.8	23.1	23.5	22.0	23.1	16.9	14.2	16.2	15.3	13.6	14.3
3	23.1	21.5	22.5	23.6	22.5	23.4	16.4	13.8	15.9	16.6	14.0	14.9
4	23.9	22.2	23.1	23.8	23.4	23.5	15.8	14.1	14.9	17.1	14.9	15.6
5	24.6	22.8	23.8	24.1	23.6	23.8	15.7	13.0	14.4	16.9	15.1	15.9
6	25.0	23.6	24.4	24.2	23.4	23.9	16.4	12.0	14.3	---	12.8	---
7	25.8	24.3	25.0	24.2	23.4	24.0	17.1	11.3	14.6	15.4	11.8	13.3
8	25.6	24.6	25.0	24.2	21.9	23.5	16.9	11.9	14.4	13.8	10.9	12.5
9	25.4	24.9	25.1	23.6	21.8	22.8	15.3	13.3	14.3	12.6	11.8	12.2
10	25.2	24.5	24.8	22.6	21.6	22.3	14.9	13.3	14.1	12.6	10.9	11.7
11	24.8	23.8	24.3	22.4	21.6	22.1	15.1	11.9	13.5	12.2	9.7	11.2
12	24.7	23.4	24.1	22.9	22.2	22.4	14.9	12.0	13.6	12.1	9.9	11.2
13	24.8	23.6	24.3	23.0	21.9	22.5	14.7	12.7	13.8	12.0	10.1	11.4
14	24.9	24.2	24.5	21.9	19.2	20.6	14.5	12.0	13.1	12.5	10.4	11.6
15	24.9	21.8	24.0	20.9	19.1	20.1	13.9	10.8	12.7	13.5	10.9	12.3
16	24.6	22.1	23.8	20.8	19.8	20.3	13.9	12.2	13.1	13.9	11.1	13.0
17	24.3	22.5	23.6	21.0	20.3	20.7	13.8	10.8	12.7	13.6	11.7	13.0
18	24.4	21.8	23.6	21.4	21.0	21.2	13.8	10.7	11.8	13.9	12.3	13.2
19	24.2	21.6	23.3	21.1	18.2	20.0	14.5	10.4	12.6	13.8	11.6	12.8
20	23.9	22.0	23.4	19.9	17.9	19.2	15.8	10.4	13.5	14.6	10.9	12.6
21	24.0	23.0	23.8	19.8	18.2	19.3	15.6	10.8	13.5	14.4	11.2	12.7
22	23.9	23.4	23.8	20.2	18.6	19.4	14.5	12.3	13.7	14.3	11.0	12.7
23	24.6	23.3	24.0	20.3	19.0	19.6	14.4	13.1	13.9	14.2	10.9	12.7
24	25.1	23.5	24.2	20.2	18.3	19.2	14.3	12.2	13.4	14.6	11.2	13.0
25	25.0	23.9	24.5	18.6	16.2	17.4	14.5	11.3	13.0	14.6	12.4	13.7
26	24.9	23.9	24.4	17.4	16.0	16.8	14.0	11.3	12.7	14.6	13.1	14.1
27	24.6	23.0	23.8	17.6	17.0	17.3	13.7	11.2	12.8	14.6	11.6	13.3
28	23.6	21.8	22.5	17.6	15.9	16.7	14.2	12.2	13.3	14.9	11.2	13.5
29	22.5	21.0	21.8	16.8	13.9	15.5	14.6	13.4	14.2	14.9	11.9	13.5
30	22.8	21.5	22.1	16.8	13.7	15.5	14.2	12.7	13.8	14.4	11.8	13.0
31	23.1	21.8	22.4	---	---	---	14.5	12.5	13.8	14.3	11.4	12.9
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	11.2	12.0	15.0	12.9	13.5	20.4	18.9	19.7	23.1	22.2	22.5
2	12.3	11.2	11.7	15.7	14.2	14.7	20.3	18.9	19.7	23.4	22.4	22.7
3	12.5	11.0	11.8	16.0	15.2	15.5	20.6	18.3	19.6	22.8	21.4	22.2
4	13.3	10.7	12.1	16.6	15.9	16.3	21.3	18.2	19.9	22.6	20.9	22.1
5	13.9	12.2	12.8	17.8	16.6	17.4	20.6	18.3	19.2	23.1	20.9	22.3
6	14.5	13.2	14.0	18.9	17.5	18.5	21.5	18.6	20.0	23.9	21.5	22.8
7	14.4	12.3	13.1	19.2	18.3	18.8	21.4	19.8	20.5	25.6	22.1	23.3
8	14.7	11.2	13.3	19.0	17.8	18.2	22.5	19.6	20.9	25.4	22.7	23.7
9	13.8	11.5	12.8	18.8	17.3	17.9	22.5	19.4	20.9	26.0	22.9	24.3
10	13.5	12.4	12.9	18.0	---	---	23.1	19.9	21.4	25.8	24.1	24.8
11	13.2	12.6	12.9	18.7	16.6	17.1	22.6	---	---	25.5	24.4	24.9
12	12.9	12.1	12.6	19.2	16.4	17.3	21.6	21.0	21.2	25.6	24.2	24.9
13	13.5	11.6	12.3	18.4	16.6	17.4	21.3	17.8	20.1	26.0	24.4	25.2
14	13.7	11.5	12.2	17.8	17.0	17.3	19.7	17.3	18.8	25.9	24.9	25.4
15	11.7	10.1	10.7	18.4	17.0	17.5	20.0	18.5	19.2	26.1	24.0	25.2
16	10.3	9.9	10.1	18.8	17.3	17.7	21.5	19.2	20.0	25.6	23.8	24.9
17	10.1	9.5	9.9	19.0	17.2	18.0	22.4	20.0	20.9	26.0	24.8	25.5
18	10.9	9.4	10.1	19.7	17.5	18.2	23.8	20.8	21.8	26.4	24.7	25.8
19	10.9	9.9	10.4	20.4	17.8	18.6	23.9	21.4	22.0	27.4	25.4	26.5
20	12.2	10.6	11.2	22.0	17.8	19.4	23.8	21.4	22.5	27.8	25.8	26.9
21	13.4	11.4	12.1	21.0	17.6	19.2	24.1	22.2	22.9	28.5	26.2	27.2
22	13.2	11.9	12.4	19.0	17.5	18.0	24.2	22.7	23.3	28.8	26.1	27.1
23	13.7	12.3	12.7	18.6	16.7	17.6	24.5	23.0	23.6	28.3	26.4	27.0
24	---	12.3	---	---	16.8	---	25.4	23.5	24.2	28.7	26.1	27.2
25	14.6	12.6	13.5	19.8	17.7	18.5	25.0	24.4	24.7	29.0	26.8	27.5
26	14.2	12.5	13.2	20.5	18.6	19.5	25.0	23.8	24.3	28.8	26.9	27.5
27	13.8	12.0	12.5	21.2	19.1	20.0	24.9	23.2	23.9	28.1	26.8	27.4
28	13.0	12.0	12.5	22.1	19.8	20.8	24.1	23.1	23.5	28.7	26.6	27.5
29	13.0	12.4	12.6	22.5	19.4	21.0	23.7	22.6	23.1	28.9	27.3	28.1
30	---	---	---	21.8	18.6	20.5	22.9	22.3	22.7	28.6	28.0	28.3
31	---	---	---	21.3	19.5	20.5	---	---	---	28.5	27.8	28.1

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.9	27.1	27.6	28.4	26.2	27.5	30.1	29.0	29.8	30.4	28.8	29.7
2	27.2	26.2	26.9	28.7	26.2	27.6	30.8	29.4	30.0	29.9	29.0	29.6
3	27.3	24.6	26.2	29.2	26.0	28.0	31.8	29.9	30.5	30.0	28.4	29.6
4	27.6	24.9	26.4	30.0	26.3	28.4	32.1	30.0	30.6	30.1	28.2	29.5
5	27.8	24.7	26.1	29.9	26.7	28.3	31.2	29.9	30.6	30.0	28.2	29.4
6	27.3	24.7	26.1	29.1	27.4	28.5	30.0	26.8	28.8	29.8	28.0	29.0
7	28.0	24.7	25.9	28.8	27.2	28.0	28.8	26.4	27.3	29.2	27.2	28.4
8	28.0	25.0	26.3	27.9	26.9	27.4	29.6	27.4	28.6	29.4	27.4	28.6
9	28.0	25.7	26.6	28.0	26.8	27.4	29.4	28.0	28.6	29.9	28.4	29.1
10	28.0	26.0	26.8	28.5	27.1	27.8	30.2	28.5	29.2	30.1	28.8	29.4
11	29.1	26.3	27.7	29.4	27.6	28.5	30.3	28.8	29.5	29.9	28.8	29.4
12	29.9	26.1	27.9	30.0	28.0	28.9	30.1	28.8	29.5	29.4	28.8	29.2
13	29.7	26.7	28.5	29.8	27.8	29.0	29.0	28.1	28.5	29.4	28.0	28.9
14	29.4	26.2	28.3	30.0	27.7	29.0	28.5	27.0	27.7	28.8	---	---
15	28.7	27.9	28.3	30.6	28.2	29.4	27.3	26.2	26.9	---	---	---
16	30.1	28.1	28.8	29.8	27.8	29.0	28.2	26.1	26.8	---	---	---
17	30.9	28.4	29.6	29.8	27.3	28.7	28.6	26.5	27.1	---	---	---
18	31.8	28.4	29.8	29.7	26.2	28.1	29.0	26.7	27.4	---	---	---
19	31.6	28.6	29.7	30.1	25.7	27.7	30.1	27.1	28.3	---	---	---
20	31.5	28.0	29.7	29.9	26.1	27.9	29.5	28.4	29.0	---	---	---
21	31.6	28.6	29.8	30.3	27.3	28.4	29.4	27.6	28.3	26.6	24.7	26.0
22	30.1	28.6	29.4	30.1	27.5	28.5	29.0	27.9	28.2	26.3	25.1	25.9
23	30.3	28.6	29.2	29.0	26.3	27.6	29.3	28.0	28.6	25.8	24.9	25.4
24	29.2	28.4	28.8	30.3	26.4	27.4	29.6	28.4	29.2	26.4	25.1	25.7
25	28.8	28.0	28.3	30.8	27.4	29.0	30.0	28.9	29.5	26.7	25.8	26.3
26	29.1	27.2	28.1	29.7	27.7	28.6	30.0	29.4	29.7	26.6	25.8	26.1
27	28.6	27.1	27.9	29.9	26.8	28.7	30.5	29.5	30.0	26.9	25.8	26.2
28	28.1	26.8	27.6	29.8	26.5	28.2	31.0	29.8	30.4	27.7	25.8	26.3
29	27.3	26.0	26.8	30.1	27.3	28.9	31.0	29.6	30.2	27.4	26.0	26.5
30	27.8	26.1	27.0	30.0	28.3	29.1	30.6	29.6	30.1	26.7	26.0	26.4
31	---	---	---	29.9	29.0	29.4	31.0	29.8	30.0	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS

LOCATION.--Lat 30°31'55", long 88°41'25", in NE¼ sec.16, T.6 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on State Highways 57.

DRAINAGE AREA.--54.6 mi^2.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 2003 to current year.
SPECIFIC CONDUCTANCE: August 2003 to current year.
WATER TEMPERATURE: August 2003 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is 10.0 ft above NGVD of 1929. Water-quality monitor since August 2003.

REMARKS.--Gage height records excellent. Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR AUGUST TO SEPTEMBER 2003.--
GAGE HEIGHT: Maximum recorded, 5.49 ft, Sept. 7, but may have been higher during periods of instrument malfunction; minimum recorded, 0.51 ft, Sept. 28, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 27 microsiemens, Sept. 19, 20, 21, but may have been higher during periods of instrument malfunction; minimum recorded, 18 microsiemens, Aug. 4, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 28.2 °C, Aug. 17, 18, 25, but may have been higher during periods of instrument malfunction; minimum recorded, 17.6 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
GAGE HEIGHT: Maximum recorded, 6.13 ft, May 13, but may have been higher during periods of instrument malfunction; minimum recorded, -0.66 ft, Apr. 14, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 38 microsiemens, Aug. 9, but may have been higher during periods of instrument malfunction; minimum recorded, 17 microsiemens, May 12, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 30.4 °C, July 24, but may have been higher during periods of instrument malfunction; minimum recorded, 7.3 °C, Jan. 11, 12, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	3.60	1.00	2.07	3.42	2.09	2.76
2	---	---	---	---	---	---	3.58	1.70	2.71	3.02	1.53	2.33
3	---	---	---	---	---	---	1.94	1.45	1.71	3.02	1.29	2.24
4	---	---	---	---	---	---	4.10	1.47	3.26	3.03	1.01	2.17
5	---	---	---	---	---	---	4.13	2.38	3.39	2.99	1.65	2.41
6	---	---	---	---	---	---	2.48	1.20	1.89	3.22	1.59	2.48
7	---	---	---	---	---	---	2.69	1.24	1.96	5.49	2.01	4.36
8	---	---	---	---	---	---	2.54	0.83	1.77	4.18	1.78	3.20
9	---	---	---	---	---	---	2.71	0.68	1.80	2.91	1.37	2.28
10	---	---	---	---	---	---	2.63	0.60	1.72	2.52	---	---
11	---	---	---	---	---	---	2.62	0.57	1.65	2.28	1.52	1.88
12	---	---	---	---	---	---	2.76	0.60	1.85	2.27	1.64	1.93
13	---	---	---	---	---	---	2.75	1.26	1.99	2.36	1.61	2.05
14	---	---	---	---	---	---	2.35	1.06	1.71	2.41	1.26	1.84
15	---	---	---	---	---	---	2.60	1.00	1.81	2.39	1.00	1.64
16	---	---	---	---	---	---	2.37	1.49	1.79	2.35	1.35	1.76
17	---	---	---	---	---	---	1.96	1.41	1.68	2.30	1.10	1.76
18	---	---	---	---	---	---	1.95	1.24	1.55	2.46	1.12	1.81
19	---	---	---	---	---	---	2.21	1.00	1.55	2.54	0.66	1.70
20	---	---	---	---	---	---	2.09	1.03	1.59	2.21	0.73	1.55
21	---	---	---	---	---	---	2.40	1.27	1.83	2.93	1.22	2.22
22	---	---	---	---	---	---	2.77	1.51	2.15	3.71	2.06	3.17
23	---	---	---	---	---	---	3.04	1.41	2.34	3.21	1.60	2.73
24	---	---	---	---	---	---	2.92	1.08	2.18	2.87	1.62	2.27
25	---	---	---	---	---	---	2.77	0.88	1.98	3.03	1.64	2.30
26	---	---	---	---	---	---	2.62	0.73	1.78	2.72	1.91	2.33
27	---	---	---	---	---	---	---	---	---	2.61	1.60	2.20
28	---	---	---	---	---	---	---	---	---	2.56	0.51	1.61
29	---	---	---	---	---	---	2.74	1.37	2.25	2.01	0.60	1.43
30	---	---	---	---	---	---	2.78	2.19	2.52	2.31	0.60	1.56
31	---	---	---	---	---	---	3.13	2.70	2.99	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.58	0.64	1.70	2.71	0.65	1.72	1.24	0.51	0.94	1.93	0.73	1.33
2	2.24	0.37	1.39	2.26	0.81	1.62	1.31	0.52	0.85	2.13	0.56	1.34
3	2.62	0.69	1.78	1.89	1.00	1.57	2.28	1.07	1.58	2.30	0.50	1.37
4	2.64	0.73	1.89	2.64	1.69	2.18	2.35	1.21	1.78	2.56	0.51	1.57
5	2.45	0.56	1.70	2.81	1.78	2.32	2.21	0.72	1.27	2.44	0.52	1.33
6	2.40	0.84	1.79	2.33	1.31	1.77	1.33	-0.05	0.68	1.57	-0.35	0.56
7	2.45	1.37	1.87	2.11	0.59	1.53	1.98	-0.18	0.75	1.88	-0.38	0.66
8	2.21	1.49	1.84	2.18	0.31	1.38	2.48	-0.09	1.12	2.50	-0.17	0.95
9	2.29	1.75	2.01	2.26	0.21	1.26	3.18	0.24	1.78	2.79	0.18	1.36
10	2.84	1.73	2.33	2.43	0.35	1.54	3.20	0.04	1.59	1.91	0.13	0.84
11	3.24	2.53	2.89	2.66	0.37	1.62	1.98	-0.07	0.94	1.85	0.21	0.91
12	3.26	2.05	2.59	2.78	0.47	1.70	2.23	0.07	1.16	1.52	0.21	0.87
13	2.81	1.38	2.17	2.72	-0.22	1.28	2.52	1.01	1.83	1.41	0.46	0.99
14	2.73	0.89	1.75	2.22	0.44	1.45	2.61	1.08	1.76	1.47	0.56	1.05
15	1.91	0.78	1.35	2.58	0.44	1.68	2.14	0.87	1.53	1.51	0.59	0.97
16	2.13	0.70	1.49	2.80	0.73	1.96	2.31	0.53	1.51	2.24	0.25	1.26
17	2.46	0.71	1.63	2.58	1.02	1.94	1.06	0.17	0.63	3.45	0.53	1.84
18	2.19	0.74	1.50	3.13	1.72	2.63	1.31	0.26	0.61	3.78	2.75	3.28
19	2.48	0.78	1.74	2.84	0.19	1.40	1.17	-0.34	0.34	3.60	1.65	2.30
20	2.43	0.79	1.75	1.65	0.54	1.10	1.62	-0.34	0.61	2.20	0.60	1.30
21	2.11	0.98	1.63	2.04	0.44	1.22	2.34	-0.46	0.87	---	---	---
22	1.55	0.98	1.29	2.68	0.15	1.39	2.62	-0.30	1.17	---	---	---
23	2.08	0.92	1.57	3.05	0.38	1.86	2.62	0.04	1.57	---	---	---
24	2.20	0.85	1.60	3.08	-0.36	1.43	2.28	-0.13	0.93	---	---	---
25	2.68	0.43	1.68	2.73	-0.07	1.41	2.34	0.03	1.08	---	---	---
26	2.74	0.59	1.92	2.83	-0.11	1.55	2.17	-0.13	0.97	---	---	---
27	2.88	0.60	1.80	3.16	0.73	2.13	2.11	0.08	1.17	---	---	---
28	3.01	0.61	1.95	3.72	1.66	2.51	2.20	0.52	1.45	---	---	---
29	3.15	0.49	1.99	2.16	0.93	1.40	2.43	1.43	1.92	---	---	---
30	3.07	0.56	1.96	1.52	0.37	0.94	2.29	1.14	1.76	1.79	0.42	1.14
31	2.87	0.57	1.82	---	---	---	1.96	1.48	1.71	2.47	0.29	1.36
		FEBRUARY			MARCH			APRIL			MAY	
1	2.77	1.10	1.93	3.58	2.82	3.12	1.49	0.12	0.83	3.52	2.68	3.06
2	2.58	0.95	1.85	3.57	2.98	3.21	1.39	-0.39	0.63	2.87	1.49	2.21
3	2.25	-0.21	0.98	3.32	2.65	2.91	1.19	-0.04	0.59	2.16	0.81	1.61
4	2.66	-0.04	1.01	3.13	2.52	2.79	1.15	0.13	0.65	2.12	0.45	1.31
5	2.76	0.72	1.84	3.15	2.32	2.66	1.48	0.23	0.84	2.09	0.10	1.20
6	2.83	0.84	1.78	3.02	1.98	2.36	1.68	0.33	0.97	2.44	0.08	1.33
7	2.10	0.85	1.19	2.29	1.20	1.59	2.04	0.27	1.27	2.46	-0.02	1.28
8	1.44	0.34	0.76	1.46	0.62	0.90	2.35	0.02	1.42	2.52	-0.21	1.29
9	1.49	0.31	1.01	1.31	0.04	0.83	2.57	-0.11	1.38	2.68	-0.08	1.51
10	1.59	0.56	1.06	1.67	-0.08	0.80	2.40	-0.06	1.26	2.80	0.18	1.64
11	2.39	0.96	1.57	1.48	0.24	0.82	2.93	-0.03	1.36	2.89	0.65	1.78
12	4.26	2.39	3.78	2.05	0.21	1.12	2.69	0.42	1.69	6.04	2.89	5.09
13	4.25	2.67	3.54	2.55	0.24	1.39	1.92	-0.59	0.38	6.13	3.97	5.01
14	3.42	2.22	2.72	2.52	0.41	1.51	0.71	-0.66	0.01	5.50	2.81	3.77
15	3.40	2.60	2.85	2.60	0.49	1.59	0.93	-0.56	0.27	2.84	2.17	2.49
16	2.78	2.34	2.57	2.36	0.52	1.53	1.19	-0.07	0.52	2.95	2.26	2.65
17	2.85	2.21	2.51	2.05	0.19	1.35	1.02	0.11	0.55	2.70	1.68	2.36
18	2.85	2.18	2.45	2.07	0.33	1.21	1.14	0.09	0.68	2.83	1.21	2.10
19	2.78	2.13	2.39	1.97	0.43	1.11	1.65	0.09	0.96	2.66	1.12	2.03
20	2.92	2.32	2.60	1.77	0.61	1.08	1.82	0.27	1.06	2.63	0.84	1.85
21	2.96	2.01	2.43	1.49	0.30	0.76	2.41	0.55	1.71	2.54	0.76	1.70
22	2.59	1.95	2.23	1.39	0.07	0.61	2.55	0.36	1.71	2.83	0.81	1.92
23	4.54	1.93	2.69	1.93	0.36	1.18	2.37	0.22	1.40	2.92	1.07	2.08
24	5.08	4.18	4.83	2.18	0.60	1.31	2.41	0.21	1.45	2.61	1.14	1.91
25	4.18	3.48	3.79	2.39	0.31	1.48	2.52	0.34	1.49	2.36	0.83	1.60
26	3.48	2.78	3.25	2.34	0.30	1.30	2.33	0.55	1.71	1.87	0.52	1.35
27	2.78	2.06	2.38	2.34	0.26	1.33	2.27	1.00	---	1.71	0.66	1.32
28	2.43	1.73	2.06	2.26	0.43	1.34	2.23	0.51	1.40	1.76	0.55	1.32
29	3.06	1.98	2.46	2.15	0.33	1.30	2.76	0.58	1.64	1.63	0.72	1.25
30	---	---	---	2.28	-0.09	1.17	3.52	1.93	2.74	2.32	1.20	1.75
31	---	---	---	1.68	-0.13	0.77	---	---	---	2.11	0.22	1.50

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.69	0.98	1.91	3.74	1.99	3.13	2.71	0.19	1.61	1.53	0.67	1.23
2	2.77	0.84	1.94	3.11	1.50	2.43	2.36	0.17	1.35	1.65	0.60	1.33
3	2.99	0.84	2.11	3.19	1.26	2.34	2.06	0.32	1.20	1.92	0.88	1.52
4	2.66	0.84	1.81	3.00	1.74	2.28	1.67	0.46	1.16	2.13	0.72	1.48
5	2.87	0.64	1.82	2.72	1.40	2.04	1.25	0.64	0.95	2.11	0.27	1.18
6	2.70	0.65	1.94	2.16	1.38	1.80	1.25	0.34	0.76	1.65	-0.35	0.48
7	2.88	2.02	2.43	2.51	1.67	2.16	1.70	0.67	1.31	1.24	-0.22	0.56
8	2.53	1.62	2.05	2.41	1.84	2.00	2.49	1.02	1.80	1.64	0.10	0.90
9	2.05	1.28	1.70	2.72	2.21	2.49	2.41	0.70	1.67	1.82	0.48	1.21
10	1.71	1.38	1.60	2.40	1.73	2.10	2.55	0.40	1.72	1.78	0.22	1.16
11	1.75	1.12	1.49	2.39	1.30	1.91	2.84	0.98	2.04	2.14	0.57	1.44
12	1.94	1.13	1.50	1.91	0.71	1.41	2.98	1.36	2.30	2.38	1.07	1.68
13	2.15	0.80	1.51	2.05	0.53	1.36	2.34	0.36	1.56	2.33	1.12	1.71
14	2.82	1.47	2.23	2.44	0.49	1.43	2.20	0.19	1.21	2.47	1.52	2.03
15	3.26	2.24	2.87	2.12	0.20	1.34	2.19	0.21	1.16	3.77	1.94	3.00
16	3.23	1.26	2.55	2.24	-0.01	1.29	2.05	0.30	1.13	3.83	2.45	3.01
17	2.69	0.81	1.96	2.18	0.11	1.32	1.91	0.44	1.15	2.93	0.87	2.07
18	2.63	0.39	1.71	2.09	0.17	1.19	1.69	0.63	1.14	2.75	0.73	1.77
19	2.50	0.34	1.50	2.34	0.22	1.34	1.67	0.86	1.26	2.48	0.36	1.65
20	2.44	0.15	1.38	2.20	0.28	1.27	1.84	0.96	1.42	2.70	0.78	1.85
21	2.46	0.19	1.48	1.93	0.41	1.21	2.01	0.54	1.20	2.60	0.77	1.81
22	2.09	0.41	1.47	1.64	0.49	1.07	1.99	0.39	1.18	2.96	0.97	2.06
23	2.11	0.38	1.43	1.25	0.64	0.96	2.37	0.26	1.30	3.14	0.80	2.22
24	2.49	0.70	1.85	1.43	0.67	1.03	2.34	0.01	1.27	2.52	0.56	1.80
25	3.19	2.30	2.63	1.60	0.28	0.96	2.35	0.06	1.29	2.58	0.52	1.72
26	3.76	2.85	3.34	1.84	0.18	1.09	2.34	0.00	1.33	2.05	0.34	1.25
27	3.01	1.55	2.40	2.15	-0.04	1.08	2.48	0.04	1.43	1.59	0.54	1.05
28	2.59	1.12	1.91	2.15	-0.25	1.13	2.34	0.07	1.46	1.56	0.47	1.10
29	3.07	1.23	2.65	2.45	-0.28	1.32	2.37	0.16	1.46	1.70	0.38	1.12
30	3.64	2.89	3.24	2.76	0.19	1.65	2.31	0.49	1.44	2.12	0.20	1.25
31	---	---	---	2.86	0.19	1.82	1.99	0.69	1.29	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	22	20	21	23	23	23
2	---	---	---	---	---	---	21	20	20	23	22	23
3	---	---	---	---	---	---	21	21	21	24	23	23
4	---	---	---	---	---	---	21	18	19	24	22	23
5	---	---	---	---	---	---	21	20	20	23	20	21
6	---	---	---	---	---	---	21	20	21	22	21	21
7	---	---	---	---	---	---	22	21	21	23	20	21
8	---	---	---	---	---	---	22	21	21	22	21	22
9	---	---	---	---	---	---	22	21	22	22	21	21
10	---	---	---	---	---	---	23	22	22	22	21	21
11	---	---	---	---	---	---	23	23	23	22	21	22
12	---	---	---	---	---	---	23	23	23	22	22	22
13	---	---	---	---	---	---	24	22	23	23	22	23
14	---	---	---	---	---	---	22	22	22	23	22	23
15	---	---	---	---	---	---	22	22	22	23	22	23
16	---	---	---	---	---	---	26	22	23	24	23	23
17	---	---	---	---	---	---	26	24	24	24	23	24
18	---	---	---	---	---	---	25	24	24	25	24	25
19	---	---	---	---	---	---	25	24	25	27	25	25
20	---	---	---	---	---	---	24	24	24	27	25	26
21	---	---	---	---	---	---	24	24	24	27	25	26
22	---	---	---	---	---	---	24	22	23	26	20	22
23	---	---	---	---	---	---	22	22	22	23	22	23
24	---	---	---	---	---	---	23	22	22	22	22	22
25	---	---	---	---	---	---	24	23	23	22	22	22
26	---	---	---	---	---	---	26	24	24	23	22	22
27	---	---	---	---	---	---	---	---	---	24	22	23
28	---	---	---	---	---	---	24	22	23	24	23	23
29	---	---	---	---	---	---	23	22	23	25	23	24
30	---	---	---	---	---	---	23	22	22	26	24	24
31	---	---	---	---	---	---	23	22	22	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27	24	25	29	25	26	26	25	25	26	25	26
2	27	25	26	31	26	27	25	25	25	25	25	25
3	27	26	26	32	27	29	25	25	25	25	25	25
4	28	26	27	33	27	29	25	25	25	26	25	25
5	29	27	27	33	27	29	26	25	25	26	25	26
6	29	27	28	33	27	28	27	25	26	27	26	26
7	29	27	28	32	27	29	28	25	26	26	26	26
8	28	24	25	28	26	27	28	26	26	27	26	26
9	25	23	24	30	26	27	27	26	26	27	25	26
10	25	22	23	31	26	28	29	25	26	26	25	26
11	24	23	24	33	26	29	28	25	26	27	25	26
12	24	22	23	32	27	29	27	25	25	27	25	27
13	23	22	23	36	26	29	27	25	25	28	26	27
14	23	22	22	34	27	29	26	25	25	29	25	27
15	23	22	23	33	27	29	26	26	26	26	25	25
16	24	22	23	33	27	29	26	25	25	27	25	25
17	25	23	24	31	27	29	26	25	25	28	23	25
18	27	24	25	34	26	29	26	25	25	26	24	25
19	29	24	25	28	25	26	28	25	26	26	26	26
20	27	25	26	26	25	25	28	25	26	26	24	25
21	28	25	26	26	25	25	28	25	26	---	---	---
22	30	25	26	28	25	26	27	25	26	---	---	---
23	27	26	26	28	25	26	29	25	26	---	---	---
24	29	26	26	29	25	26	30	24	26	---	---	---
25	28	24	26	29	26	27	29	24	25	---	---	---
26	32	25	27	31	26	27	30	25	26	---	---	---
27	27	24	25	29	25	26	28	25	26	---	---	---
28	25	24	24	29	26	28	26	25	25	---	---	---
29	26	24	25	29	27	28	29	25	26	---	---	---
30	29	24	25	27	25	26	27	26	26	26	25	25
31	28	25	26	---	---	---	28	26	27	25	24	24
		FEBRUARY			MARCH			APRIL			MAY	
1	25	24	24	23	22	23	31	27	28	28	27	28
2	26	24	25	23	23	23	30	27	28	28	25	27
3	30	25	26	23	23	23	30	27	28	26	25	26
4	28	25	25	24	23	23	29	27	28	25	24	25
5	26	25	25	24	23	24	29	27	28	27	24	24
6	34	25	26	24	24	24	29	27	28	27	24	25
7	26	25	26	24	24	24	28	27	27	27	25	26
8	26	25	25	26	24	25	28	26	27	27	25	26
9	25	25	25	27	25	26	32	26	27	28	26	27
10	26	25	25	28	25	26	29	27	28	29	27	27
11	26	25	25	29	26	26	29	26	28	33	20	28
12	27	25	25	27	25	26	26	26	26	23	17	19
13	26	25	26	28	25	26	33	26	28	22	20	22
14	25	24	25	27	25	26	36	27	29	24	22	23
15	25	24	24	29	25	26	34	27	28	24	23	23
16	24	24	24	29	25	26	35	27	28	24	24	24
17	24	23	24	28	25	26	32	27	28	25	24	24
18	24	23	24	27	25	25	32	27	28	24	24	24
19	24	23	24	27	25	26	32	27	28	24	23	24
20	24	23	24	27	25	26	31	27	28	24	23	23
21	25	24	24	27	26	26	32	28	29	25	23	24
22	25	24	24	29	26	27	33	28	29	25	24	24
23	25	22	24	29	26	27	34	28	29	26	24	25
24	23	21	22	28	26	27	31	28	29	26	25	26
25	24	23	23	28	26	27	32	27	29	28	26	27
26	24	23	24	29	26	27	36	25	28	29	26	27
27	23	22	23	29	26	27	32	30	31	29	26	27
28	22	22	22	29	26	27	31	28	29	33	27	27
29	23	22	22	30	27	27	28	26	27	31	27	29
30	---	---	---	29	26	27	28	25	27	29	27	28
31	---	---	---	29	26	27	---	---	---	32	27	29

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27	24	25	23	22	23	29	27	28	27	26	26
2	26	24	26	23	23	23	31	27	28	27	26	26
3	26	25	25	23	22	22	30	28	29	28	26	27
4	25	24	25	23	22	22	30	28	29	26	25	25
5	24	24	24	23	23	23	29	29	29	26	24	25
6	26	22	24	24	23	24	31	29	30	34	25	28
7	24	22	23	24	22	23	32	29	30	35	26	29
8	24	23	23	24	23	23	31	28	30	34	27	28
9	24	23	23	24	23	23	38	23	32	29	28	28
10	25	24	24	23	22	23	34	26	29	31	28	29
11	28	25	26	23	22	23	34	23	30	30	28	29
12	26	22	23	23	23	23	33	30	33	29	28	28
13	23	22	23	24	23	23	33	30	31	30	28	28
14	22	20	22	25	24	24	30	27	28	29	28	28
15	23	22	22	35	25	26	30	26	26	31	27	29
16	24	23	24	33	26	28	27	26	26	28	25	26
17	24	23	23	33	26	27	27	26	26	30	28	28
18	23	23	23	30	24	25	33	27	28	30	28	29
19	24	23	23	27	24	25	33	27	30	29	28	28
20	26	24	24	27	25	25	34	27	30	29	27	28
21	29	24	25	27	25	26	33	27	29	29	27	28
22	25	22	23	27	26	26	27	23	25	30	28	29
23	24	22	23	27	26	27	28	24	25	34	28	29
24	25	21	24	28	27	27	27	23	26	31	29	30
25	24	21	23	29	27	28	29	22	25	31	29	29
26	23	21	23	29	27	28	32	27	28	30	29	30
27	23	23	23	33	27	29	31	27	28	30	29	30
28	23	23	23	30	27	28	32	27	28	30	29	30
29	23	21	22	31	28	29	32	28	28	31	29	30
30	23	22	22	31	28	29	30	26	28	31	29	30
31	---	---	---	29	25	27	29	25	26	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	26.3	24.1	25.0	27.5	24.2	25.7
2	---	---	---	---	---	---	26.1	23.6	24.7	27.1	24.6	25.8
3	---	---	---	---	---	---	25.6	23.8	24.8	27.8	24.0	25.7
4	---	---	---	---	---	---	25.5	23.6	24.7	27.0	24.4	25.8
5	---	---	---	---	---	---	26.2	24.8	25.4	25.7	23.8	24.8
6	---	---	---	---	---	---	26.9	24.8	25.7	26.1	23.6	24.7
7	---	---	---	---	---	---	26.0	24.2	25.1	24.5	23.2	23.7
8	---	---	---	---	---	---	27.3	23.8	25.5	25.2	23.0	24.0
9	---	---	---	---	---	---	27.6	23.8	25.7	24.9	23.0	24.0
10	---	---	---	---	---	---	26.7	23.9	25.4	---	22.8	---
11	---	---	---	---	---	---	26.3	23.7	25.0	26.1	22.7	24.3
12	---	---	---	---	---	---	25.4	23.3	23.9	25.7	22.6	24.3
13	---	---	---	---	---	---	25.0	22.8	23.9	25.3	22.9	24.2
14	---	---	---	---	---	---	27.6	23.1	25.1	26.3	22.7	24.4
15	---	---	---	---	---	---	27.8	24.1	26.0	26.0	22.7	24.5
16	---	---	---	---	---	---	27.6	24.6	26.1	25.1	21.4	23.5
17	---	---	---	---	---	---	28.2	24.2	26.1	24.8	20.3	22.8
18	---	---	---	---	---	---	28.2	24.6	26.5	26.0	22.4	24.2
19	---	---	---	---	---	---	27.9	24.6	26.3	25.8	22.6	24.3
20	---	---	---	---	---	---	28.0	24.7	26.3	25.3	22.7	24.1
21	---	---	---	---	---	---	26.3	23.6	24.8	25.0	23.4	24.1
22	---	---	---	---	---	---	25.4	23.8	24.7	24.3	23.1	23.7
23	---	---	---	---	---	---	26.2	23.7	24.9	24.3	22.3	23.3
24	---	---	---	---	---	---	27.8	23.6	25.5	25.0	21.7	23.2
25	---	---	---	---	---	---	28.2	24.6	26.3	25.0	22.2	23.5
26	---	---	---	---	---	---	27.8	24.7	26.3	25.0	22.1	23.5
27	---	---	---	---	---	---	---	---	---	24.6	22.8	23.6
28	---	---	---	---	---	---	---	---	---	24.3	21.6	23.0
29	---	---	---	---	---	---	26.9	24.6	25.9	22.9	18.9	20.9
30	---	---	---	---	---	---	26.1	24.1	24.8	21.3	17.6	19.7
31	---	---	---	---	---	---	25.6	24.1	24.8	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.1	18.7	20.4	21.0	18.2	19.7	12.9	9.9	11.4	13.1	9.4	11.0
2	21.5	18.4	20.0	20.9	18.1	19.6	13.0	10.9	12.0	15.1	12.9	13.9
3	21.1	16.9	19.0	20.1	17.1	18.7	13.8	11.1	12.2	17.8	15.0	16.2
4	22.1	18.4	20.1	20.9	18.5	19.4	15.8	13.8	14.7	19.3	17.4	18.2
5	22.5	18.8	20.6	22.3	20.5	21.2	15.6	12.4	14.1	19.1	16.1	18.2
6	22.6	19.8	21.0	22.9	20.7	21.8	12.4	10.3	11.0	16.1	11.6	13.3
7	23.0	20.6	21.6	22.3	20.2	21.0	11.7	9.8	10.8	11.6	9.2	10.2
8	22.4	20.4	21.3	21.2	18.6	19.8	12.5	9.2	10.7	10.2	9.2	9.6
9	21.7	20.1	20.9	20.1	17.8	19.0	14.0	11.5	12.6	12.0	10.2	11.2
10	21.6	20.7	21.3	20.3	18.4	19.4	14.3	12.0	13.6	11.1	9.5	10.3
11	21.8	21.1	21.4	20.3	17.2	18.9	12.0	9.8	10.9	10.0	7.3	8.8
12	22.6	21.1	21.8	21.1	18.4	19.8	12.1	9.9	11.0	11.0	7.3	9.1
13	22.6	20.8	21.8	21.0	17.5	19.2	12.2	11.1	11.6	12.5	9.8	11.1
14	22.9	20.5	21.7	17.5	13.6	15.2	12.1	9.8	11.1	13.5	10.7	12.1
15	21.5	18.3	20.0	16.7	13.0	14.9	10.5	8.4	9.5	13.8	12.2	13.0
16	20.2	16.6	18.6	18.6	15.5	16.9	13.5	10.4	11.8	13.1	10.9	12.0
17	20.4	17.3	19.0	19.0	17.3	18.1	12.5	10.1	11.1	13.9	12.4	13.0
18	20.7	17.9	19.3	20.0	19.0	19.3	11.2	8.5	9.8	13.9	13.1	13.5
19	20.1	16.9	18.7	19.1	15.8	17.5	10.6	8.6	9.7	13.6	11.1	12.9
20	20.5	16.9	18.7	16.1	13.3	14.9	10.1	7.8	9.0	11.1	9.2	10.0
21	20.9	17.4	19.1	16.1	13.0	14.6	10.9	7.7	9.2	---	---	---
22	21.5	17.8	19.6	17.3	14.6	15.9	13.0	10.4	11.5	---	---	---
23	21.4	18.4	19.9	18.4	15.5	16.9	13.6	11.7	12.7	---	---	---
24	22.0	18.6	20.1	18.4	14.1	16.1	13.3	10.7	11.8	---	---	---
25	21.7	19.2	20.6	14.1	10.2	11.7	10.7	8.6	9.7	---	---	---
26	21.8	20.2	21.2	14.7	10.3	12.3	10.7	8.1	9.4	---	---	---
27	21.1	18.5	19.6	17.1	14.7	16.1	11.4	8.2	9.8	---	---	---
28	18.5	17.3	17.8	16.7	13.4	15.5	14.4	10.4	12.1	---	---	---
29	18.6	15.2	17.1	13.4	10.8	11.9	16.1	14.4	15.1	---	---	---
30	19.5	16.3	17.9	11.9	9.3	10.6	14.8	11.3	12.8	12.7	10.8	11.7
31	21.1	18.1	19.5	---	---	---	11.3	9.7	10.6	12.3	10.7	11.3
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	10.8	11.4	16.6	13.6	15.0	19.3	14.3	17.0	20.8	18.4	19.5
2	14.0	11.9	12.8	18.8	15.7	17.2	19.8	14.7	17.3	20.4	19.3	20.0
3	13.9	11.7	12.9	19.3	17.2	18.2	20.1	14.7	17.5	21.2	17.1	19.1
4	12.4	10.5	11.5	20.4	17.9	19.1	20.6	14.8	17.7	21.6	15.7	18.5
5	16.6	12.4	14.5	20.4	19.0	19.8	19.4	15.1	17.3	23.0	16.7	19.7
6	17.0	13.6	15.8	22.3	19.4	20.7	21.3	15.7	18.1	24.1	18.2	20.9
7	13.6	10.8	12.1	20.6	17.2	19.0	21.4	17.8	19.3	24.8	19.0	21.6
8	10.8	8.7	9.8	18.9	15.3	17.2	23.5	19.4	20.9	24.9	19.6	22.0
9	12.9	9.2	11.0	17.9	13.6	15.9	22.9	19.1	20.6	25.3	20.6	22.5
10	13.0	11.5	12.2	17.2	13.4	15.4	24.0	19.1	21.0	24.9	20.9	22.5
11	13.2	12.8	13.0	16.7	12.4	14.7	23.1	19.2	20.0	24.8	20.0	21.9
12	13.1	11.7	12.4	18.0	13.0	15.4	22.0	18.5	19.9	20.4	19.1	19.7
13	11.7	11.0	11.3	18.4	14.5	16.4	21.8	15.8	17.5	21.3	19.8	20.5
14	11.6	11.1	11.3	18.0	15.1	16.6	19.4	12.7	15.9	22.8	20.9	21.7
15	11.5	9.9	10.7	18.7	16.8	17.7	20.6	14.3	17.4	22.2	20.8	21.3
16	10.7	9.6	10.1	20.8	17.6	19.1	21.7	15.3	18.5	23.0	20.4	21.5
17	10.9	8.8	9.9	19.8	15.2	17.7	22.0	16.4	19.3	23.8	20.9	22.2
18	11.9	8.3	10.1	20.6	15.3	18.1	23.4	17.4	20.2	24.4	21.6	22.9
19	12.7	8.6	10.7	22.1	17.0	19.6	23.4	18.8	20.9	25.8	21.3	23.3
20	14.4	10.4	12.2	22.5	18.0	20.3	22.4	18.8	20.4	24.8	21.1	23.0
21	15.8	12.8	14.2	21.6	17.9	19.8	23.1	19.5	20.7	26.5	21.5	23.7
22	15.3	11.7	13.6	19.2	15.2	17.1	23.6	20.7	21.7	26.7	22.2	24.3
23	14.4	11.8	12.9	18.0	13.4	15.6	25.2	21.5	22.8	26.1	22.4	24.1
24	12.2	11.7	11.8	18.7	13.9	16.1	26.1	21.5	23.2	27.6	22.5	24.8
25	13.2	12.2	12.7	21.1	16.5	18.3	25.6	23.2	24.0	27.2	23.1	25.1
26	13.0	11.9	12.6	21.6	16.4	18.7	23.2	19.8	20.7	27.0	22.6	24.7
27	13.2	11.2	12.1	22.0	17.0	19.3	21.8	18.5	---	27.2	23.1	25.1
28	13.4	10.4	11.9	22.5	18.2	20.1	22.3	16.9	19.6	28.2	23.7	25.8
29	13.9	11.0	12.4	21.7	18.4	20.1	21.2	17.9	18.9	28.2	23.7	26.0
30	---	---	---	22.8	18.8	20.8	19.6	18.9	19.1	27.9	25.6	26.4
31	---	---	---	21.7	17.2	19.3	---	---	---	26.6	24.4	25.5

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.4	22.8	23.4	25.3	23.3	24.2	28.3	24.1	25.6	27.5	22.8	25.1
2	24.5	22.0	23.0	25.1	23.6	24.4	29.8	24.9	26.7	27.0	23.7	25.6
3	24.4	22.0	23.3	26.0	22.8	24.4	30.0	25.1	27.2	26.6	24.1	25.1
4	26.4	21.8	23.9	28.0	23.3	25.3	28.7	24.8	26.7	28.1	23.2	25.5
5	26.1	22.4	24.2	28.7	23.9	26.1	29.7	24.8	27.2	28.7	23.9	26.3
6	25.5	22.4	23.7	27.4	24.1	25.6	29.7	25.8	27.8	28.0	24.1	26.2
7	26.3	21.6	23.6	26.6	23.2	25.0	28.1	24.0	26.2	29.2	24.5	26.7
8	27.4	22.6	24.9	25.9	23.6	24.8	28.6	25.1	26.9	28.8	24.4	26.6
9	28.1	22.9	25.5	27.1	23.6	25.2	28.1	25.1	26.7	28.1	24.5	26.3
10	28.6	23.8	26.1	26.9	23.6	25.2	28.8	24.8	26.7	28.6	24.6	26.5
11	28.0	24.2	26.2	28.3	23.6	25.8	26.5	23.8	24.8	27.6	24.8	26.1
12	27.3	23.6	25.6	29.6	24.4	26.8	26.0	23.6	24.7	27.8	24.6	25.8
13	26.4	23.3	25.0	29.5	24.7	27.0	26.4	22.4	24.3	27.1	24.6	25.6
14	25.6	23.6	24.6	29.1	24.9	26.7	25.9	20.7	23.2	26.4	24.1	25.0
15	26.4	23.9	25.0	29.4	25.4	27.2	26.4	20.7	23.3	25.7	23.7	24.7
16	27.7	24.7	25.9	28.3	25.3	26.4	26.9	21.4	23.8	24.9	23.0	23.8
17	29.0	24.8	26.6	26.6	23.6	24.9	26.8	22.1	24.3	27.0	22.7	24.8
18	28.6	24.7	26.5	29.0	24.4	26.4	27.6	22.2	24.6	27.2	23.1	25.3
19	28.8	24.3	26.5	28.9	24.5	26.6	28.3	22.8	25.3	25.8	21.2	23.9
20	28.9	24.5	26.4	28.4	24.0	26.1	28.8	24.9	26.9	25.5	21.8	23.9
21	27.8	24.9	26.4	28.3	24.0	26.0	27.6	24.5	26.2	26.0	21.8	23.9
22	26.2	23.4	24.7	28.9	23.8	26.2	26.6	23.4	25.3	25.4	22.9	24.2
23	26.0	23.4	24.7	30.1	24.6	27.2	28.6	23.5	25.9	24.9	23.5	24.1
24	25.0	23.0	24.0	30.4	25.4	27.9	27.1	24.4	25.7	26.1	22.5	23.9
25	25.4	23.5	24.2	30.0	26.1	28.2	28.9	23.9	26.0	25.3	22.7	23.8
26	24.7	23.3	23.9	28.4	25.3	26.6	28.2	24.6	26.5	25.8	22.0	23.7
27	24.8	23.0	23.9	28.1	24.8	26.2	28.0	25.3	26.6	26.1	22.4	24.1
28	25.5	22.6	24.0	28.4	24.8	26.4	28.5	25.1	26.5	25.4	22.0	23.6
29	24.0	22.7	23.4	28.7	25.0	26.5	27.7	24.7	25.9	25.1	21.7	23.4
30	24.1	23.0	23.5	28.0	25.9	26.7	26.2	23.8	24.7	24.9	21.1	22.9
31	---	---	---	26.9	25.1	25.8	27.1	22.9	24.6	---	---	---

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS

LOCATION.--Lat 30°22'58", long 88°36'32", in SW¼ sec.2, T.8 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, at downstream side of east bound bridge on U.S. highway 90.

DRAINAGE AREA.--9497 mi^2 (includes East Pascagoula River).

PERIOD OF RECORD.--Water years 1972, 1974-75, 2000, 2003 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 2003 to current year.
SPECIFIC CONDUCTANCE: August 2003 to current year.
WATER TEMPERATURE: August 2003 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is 5.0 ft above NAVD of 1988. Water-quality monitor since August 2003.

REMARKS.--Gage height records good. Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR AUGUST TO SEPTEMBER 2003.--
GAGE HEIGHT: Maximum recorded, 2.77 ft, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 0.10 ft, Aug. 14, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 33,200 microsiemens, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 320 microsiemens, Aug. 20, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 31.0 °C, Aug. 27, but may have been higher during periods of instrument malfunction; minimum recorded, 23.0 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
GAGE HEIGHT: Maximum recorded, 4.22 ft, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -1.37 ft, Jan. 19, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 42,600 microsiemens, Nov. 18, but may have been higher during periods of instrument malfunction; minimum recorded, 36 microsiemens, Mar. 1, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 31.8 °C, July 25, but may have been higher during periods of instrument malfunction; minimum recorded, 9.3 °C, Jan. 13, Feb. 18, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	2.23	0.96	1.57
2	---	---	---	---	---	---	---	---	---	2.16	0.66	1.37
3	---	---	---	---	---	---	---	---	---	2.16	0.56	1.33
4	---	---	---	---	---	---	---	---	---	2.25	0.23	1.30
5	---	---	---	---	---	---	---	---	---	2.05	0.22	1.24
6	---	---	---	---	---	---	---	---	---	2.26	0.38	1.33
7	---	---	---	---	---	---	---	---	---	2.15	0.40	1.28
8	---	---	---	---	---	---	---	---	---	1.95	0.34	1.23
9	---	---	---	---	---	---	---	---	---	1.93	0.54	1.20
10	---	---	---	---	---	---	---	---	---	1.54	0.64	1.09
11	---	---	---	---	---	---	---	---	---	1.45	0.75	1.07
12	---	---	---	---	---	---	---	---	---	1.47	0.96	1.16
13	---	---	---	---	---	---	---	---	---	1.48	0.88	1.26
14	---	---	---	---	---	---	1.50	0.10	0.75	1.59	0.68	1.12
15	---	---	---	---	---	---	1.71	0.10	1.00	1.59	0.39	0.92
16	---	---	---	---	---	---	1.34	0.79	1.05	1.60	0.71	1.06
17	---	---	---	---	---	---	1.25	0.74	0.95	1.62	0.52	1.05
18	---	---	---	---	---	---	1.27	0.56	0.89	1.73	0.53	1.12
19	---	---	---	---	---	---	1.49	0.30	0.81	1.84	0.24	1.02
20	---	---	---	---	---	---	1.35	0.22	0.84	1.55	0.26	0.97
21	---	---	---	---	---	---	1.66	0.50	1.05	2.26	0.77	1.53
22	---	---	---	---	---	---	1.88	0.54	1.25	2.77	0.58	1.65
23	---	---	---	---	---	---	2.07	0.53	1.34	1.89	0.59	1.27
24	---	---	---	---	---	---	2.03	0.33	1.24	2.10	0.99	1.45
25	---	---	---	---	---	---	1.96	0.24	1.12	2.40	1.20	1.69
26	---	---	---	---	---	---	1.83	0.17	1.00	1.99	1.29	1.75
27	---	---	---	---	---	---	1.99	0.40	1.18	1.89	0.99	1.59
28	---	---	---	---	---	---	1.77	0.55	1.16	1.78	0.18	0.99
29	---	---	---	---	---	---	1.97	0.97	1.62	1.47	0.28	0.90
30	---	---	---	---	---	---	1.90	1.27	1.60	1.77	0.27	0.97
31	---	---	---	---	---	---	2.06	1.46	1.74	---	---	---

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.87	0.24	1.04	2.00	0.10	0.99	0.60	-0.20	0.23	0.95	-0.22	0.39
2	1.53	-0.08	0.74	1.57	0.36	0.98	0.63	-0.20	0.19	1.22	-0.32	0.45
3	1.85	0.22	1.07	1.25	0.51	0.90	1.44	0.45	0.93	1.43	-0.34	0.53
4	1.88	0.33	1.16	2.03	1.01	1.52	1.58	0.47	1.03	1.79	-0.23	0.77
5	1.73	0.17	1.01	1.94	1.07	1.50	1.04	0.08	0.49	1.18	-0.22	0.49
6	1.67	0.44	1.10	1.38	0.74	1.04	0.70	-0.74	-0.01	0.82	-1.31	-0.19
7	1.68	0.82	1.18	1.31	0.13	0.84	1.30	-0.89	0.13	1.07	-1.29	-0.12
8	1.38	0.81	1.06	1.36	-0.13	0.70	1.68	-0.66	0.45	1.83	-0.91	0.19
9	1.55	0.98	1.23	1.55	-0.21	0.62	2.37	-0.15	1.08	---	---	---
10	1.84	0.95	1.45	1.75	-0.04	0.82	2.23	-0.59	0.57	1.00	-1.00	-0.20
11	2.03	0.93	1.54	1.96	-0.04	0.91	1.36	-0.81	0.28	1.01	-0.69	0.00
12	2.01	0.81	1.37	1.95	0.04	0.95	1.67	-0.54	0.46	0.68	-0.59	0.07
13	1.88	0.63	1.29	1.92	-0.64	0.53	1.74	0.43	1.05	0.68	-0.29	0.22
14	1.88	0.27	0.86	1.87	0.05	0.82	1.67	-0.42	0.53	0.71	-0.14	0.29
15	1.27	0.10	0.69	1.97	0.09	1.01	1.38	-0.19	0.57	0.74	-0.29	0.17
16	1.32	0.11	0.76	2.07	0.36	1.24	1.42	-0.38	0.57	1.30	-0.54	0.46
17	---	---	---	1.99	0.52	1.26	0.36	-0.57	-0.10	2.22	-0.15	0.91
18	---	---	---	2.30	0.93	1.83	0.52	-0.70	-0.09	1.94	-0.10	0.93
19	---	---	---	2.07	-0.35	0.52	0.50	-1.13	-0.38	1.14	-1.37	0.07
20	---	---	---	0.97	0.02	0.48	0.87	-1.13	-0.11	1.28	-1.32	-0.05
21	---	---	---	1.23	-0.05	0.55	1.46	-1.24	0.11	1.43	-1.26	0.02
22	---	---	---	1.88	-0.37	0.72	1.73	-0.96	0.38	1.22	-1.24	-0.01
23	---	---	---	2.24	-0.02	1.12	1.59	-0.47	0.65	1.15	-1.01	0.04
24	1.40	0.37	0.90	2.07	-0.90	0.56	1.41	-1.23	0.05	1.51	-0.71	0.20
25	1.93	0.04	0.97	2.07	-0.53	0.74	1.30	-0.97	0.15	1.50	0.17	0.86
26	1.96	-0.04	1.04	2.32	-0.65	0.77	1.24	-0.99	0.10	1.28	0.40	0.79
27	2.20	-0.35	0.91	2.34	-0.02	1.13	1.37	-0.67	0.37	---	-1.05	---
28	2.36	-0.02	1.09	2.46	-1.25	0.15	1.43	-0.12	0.64	0.35	-1.14	-0.45
29	2.34	-0.07	1.11	0.87	-0.85	-0.07	1.50	-0.28	0.88	0.70	-0.81	-0.03
30	2.32	0.04	1.11	0.74	-0.68	0.05	1.01	-0.38	0.45	0.95	-0.41	0.25
31	2.09	0.14	1.06	---	---	---	0.88	0.14	0.48	1.46	-0.64	0.52
		FEBRUARY			MARCH			APRIL			MAY	
1	1.82	0.15	1.04	---	0.57	---	0.74	-0.49	0.16	1.37	0.22	0.80
2	1.64	0.19	0.89	---	0.51	---	0.62	-1.06	-0.07	1.42	-0.20	0.52
3	1.04	-1.16	0.02	1.63	---	---	0.29	-0.65	-0.10	1.18	-0.54	0.36
4	1.79	-0.87	0.25	1.91	0.51	1.00	0.27	-0.46	-0.08	1.30	-0.51	0.36
5	1.74	-0.01	0.88	1.94	0.39	1.09	0.69	-0.38	0.08	1.33	-0.77	0.36
6	1.71	---	---	1.73	0.32	0.83	0.81	-0.27	0.20	1.66	-0.77	0.49
7	0.27	-1.02	-0.56	1.09	-0.11	0.21	1.15	-0.36	0.43	1.69	-0.87	0.46
8	0.59	-1.21	-0.49	0.12	-0.47	-0.24	1.54	-0.69	0.60	1.66	-0.89	0.49
9	0.77	-0.73	0.08	0.49	-1.26	-0.16	1.60	-0.72	0.54	1.80	-0.64	0.76
10	0.73	-0.30	0.15	0.83	-1.26	-0.19	1.47	-0.70	0.45	1.98	-0.30	0.93
11	1.04	0.06	0.56	0.62	-0.74	-0.06	2.18	-0.62	0.64	1.71	0.18	0.98
12	0.81	-0.34	0.26	1.20	---	---	1.83	-0.06	0.89	1.71	0.36	1.11
13	1.00	-0.43	0.23	---	---	---	0.51	-1.26	-0.41	1.62	0.45	1.17
14	1.89	-0.28	0.82	---	---	---	0.04	-1.36	-0.67	1.62	1.18	1.36
15	0.69	-0.43	0.05	---	-0.40	---	0.16	-1.26	-0.44	1.67	0.62	1.26
16	0.98	-0.45	0.37	1.56	-0.35	0.54	0.33	-0.67	-0.23	1.60	0.48	1.07
17	1.07	-0.29	0.38	1.30	-0.64	0.41	0.33	-0.49	-0.21	1.67	0.44	1.12
18	0.81	-0.37	0.18	---	---	---	0.26	-0.54	-0.08	1.95	0.08	1.03
19	1.29	-0.30	0.34	1.08	-0.23	0.50	0.78	-0.49	0.17	1.85	0.05	1.05
20	---	0.15	---	---	---	---	0.96	-0.26	0.31	1.83	-0.14	0.92
21	---	-0.03	---	---	---	---	1.47	0.09	0.86	1.77	-0.09	0.87
22	1.27	0.43	0.66	---	---	---	1.62	-0.15	0.83	2.06	0.05	1.12
23	2.35	0.21	0.96	---	---	---	1.45	-0.30	0.61	2.17	0.33	1.32
24	2.24	---	---	1.11	-0.03	0.47	1.51	-0.23	0.65	1.90	0.44	1.17
25	---	---	---	1.38	-0.33	0.60	1.58	-0.24	0.69	1.63	0.27	0.94
26	1.33	-0.02	0.78	1.38	-0.32	0.49	1.06	-0.32	0.42	1.27	0.05	0.77
27	0.65	-0.30	0.11	1.37	-0.38	0.54	1.13	-0.68	0.08	0.95	0.17	0.69
28	0.98	-0.44	0.16	1.35	-0.12	0.57	1.27	-0.76	0.45	0.98	0.06	0.65
29	1.50	-0.04	0.89	1.32	-0.26	0.57	1.83	-0.07	0.81	1.00	0.23	0.63
30	---	---	---	1.41	-0.69	0.46	1.33	0.39	0.90	1.53	0.67	1.07
31	---	---	---	0.63	-0.70	0.07	---	---	---	1.49	-0.35	0.80

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.92	-0.31	0.96	2.21	-0.25	0.96	1.81	-0.38	0.77	0.85	0.21	0.61
2	1.93	-0.66	0.76	2.15	-0.29	0.98	1.57	-0.31	0.64	1.19	0.17	0.69
3	2.15	-0.72	0.87	2.19	-0.29	1.05	1.31	-0.14	0.52	1.38	0.42	0.89
4	1.80	-0.73	0.63	2.05	0.03	0.96	0.94	0.07	0.53	1.43	0.29	0.82
5	2.03	-0.75	0.74	1.82	0.03	0.93	0.51	0.14	0.33	1.45	-0.14	0.55
6	1.94	-0.42	0.80	1.28	0.12	0.71	0.47	-0.15	0.13	1.06	-0.80	-0.04
7	1.84	-0.22	0.91	1.16	0.13	0.70	1.02	0.22	0.58	0.76	-0.70	0.06
8	1.64	0.18	0.89	0.94	0.46	0.76	1.64	0.36	0.96	1.00	-0.39	0.34
9	1.29	0.22	0.81	1.23	0.49	0.77	1.61	0.10	0.85	1.14	-0.01	0.58
10	1.04	0.59	0.89	1.29	0.28	0.74	1.70	-0.10	0.84	1.13	-0.14	0.52
11	1.10	0.54	0.86	1.51	0.12	0.79	1.50	0.07	0.95	1.48	0.22	0.82
12	1.30	0.34	0.80	1.12	-0.25	0.43	1.65	-0.47	0.68	1.69	0.58	1.03
13	1.42	0.12	0.82	1.32	-0.28	0.54	1.44	-0.62	0.52	1.56	0.64	1.10
14	1.96	0.49	1.25	1.70	-0.26	0.61	1.40	-0.51	0.41	1.75	1.05	1.43
15	2.17	0.38	1.43	1.49	-0.45	0.59	1.35	-0.36	0.41	4.22	1.55	2.70
16	2.15	-0.05	1.14	1.55	-0.61	0.54	1.22	-0.26	0.42	4.13	1.68	2.19
17	1.85	-0.09	0.98	1.45	-0.53	0.59	1.13	-0.06	0.43	2.21	0.23	1.26
18	1.90	-0.38	0.86	1.36	-0.53	0.42	0.89	0.08	0.42	2.06	0.26	1.07
19	1.80	-0.51	0.73	1.54	-0.42	0.52	0.88	0.23	0.57	1.95	0.00	1.04
20	1.71	-0.49	0.62	1.42	-0.41	0.53	1.04	0.26	0.66	1.99	0.46	1.21
21	1.66	-0.41	0.73	1.20	-0.15	0.52	1.32	0.08	0.55	1.95	0.47	1.17
22	1.43	-0.25	0.73	0.95	0.04	0.42	1.30	-0.12	0.53	2.34	0.63	1.44
23	1.41	-0.23	0.74	0.50	0.10	0.35	1.61	-0.33	0.56	2.47	0.49	1.52
24	1.22	0.00	0.70	0.72	0.13	0.38	1.60	-0.56	0.54	1.88	0.29	1.17
25	1.12	-0.01	0.59	0.88	-0.37	0.27	1.59	-0.71	0.51	1.91	0.28	1.11
26	0.94	-0.11	0.52	1.08	-0.36	0.39	1.58	-0.55	0.62	1.54	0.03	0.74
27	1.32	-0.15	0.55	1.36	-0.63	0.34	1.72	-0.43	0.71	1.03	0.21	0.54
28	1.64	-0.22	0.70	1.32	-0.85	0.34	1.59	-0.36	0.75	0.89	0.13	0.51
29	1.84	-0.20	0.81	1.58	-0.85	0.48	1.59	-0.09	0.76	1.02	-0.05	0.54
30	1.92	-0.21	0.83	1.93	-0.38	0.80	1.55	0.02	0.74	1.62	-0.17	0.67
31	---	---	---	2.01	-0.33	0.93	1.26	0.22	0.68	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	14100	1670	5340
2	---	---	---	---	---	---	---	---	---	13600	610	4600
3	---	---	---	---	---	---	---	---	---	19800	690	5920
4	---	---	---	---	---	---	---	---	---	17600	620	5270
5	---	---	---	---	---	---	---	---	---	23400	1150	7640
6	---	---	---	---	---	---	---	---	---	30600	2160	14900
7	---	---	---	---	---	---	---	---	---	27500	1910	10800
8	---	---	---	---	---	---	---	---	---	28700	3360	11500
9	---	---	---	---	---	---	---	---	---	21900	3330	8730
10	---	---	---	---	---	---	---	---	---	21600	4170	8080
11	---	---	---	---	---	---	---	---	---	17300	4170	9190
12	---	---	---	---	---	---	---	---	---	19200	8370	13300
13	---	---	---	---	---	---	---	---	---	20800	6320	14500
14	---	---	---	---	---	---	5190	540	1640	18300	6960	11200
15	---	---	---	---	---	---	21600	600	5920	19200	7130	10300
16	---	---	---	---	---	---	6240	1860	3280	21200	8950	13900
17	---	---	---	---	---	---	2850	560	1820	26700	9050	15300
18	---	---	---	---	---	---	1620	710	990	27400	9010	15500
19	---	---	---	---	---	---	1340	360	707	22700	7750	12900
20	---	---	---	---	---	---	1240	320	666	14400	7310	10500
21	---	---	---	---	---	---	3070	420	1310	31400	10900	19400
22	---	---	---	---	---	---	20100	840	5790	33200	7920	19400
23	---	---	---	---	---	---	24300	820	8650	27600	7980	13900
24	---	---	---	---	---	---	23900	600	7210	32600	11600	18700
25	---	---	---	---	---	---	14600	530	4160	30900	12300	17200
26	---	---	---	---	---	---	13000	670	3150	26000	9030	18200
27	---	---	---	---	---	---	23300	1080	6180	25100	6850	13800
28	---	---	---	---	---	---	10500	1230	3670	18200	4080	7280
29	---	---	---	---	---	---	19200	3280	9430	24100	6340	10900
30	---	---	---	---	---	---	11200	3610	6180	29500	10800	17000
31	---	---	---	---	---	---	19400	4300	8950	---	---	---

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30900	11900	18500	26000	8380	13800	5460	3960	4800	23800	9200	16700
2	31000	11200	17500	21800	9540	15400	5480	3850	4520	17700	8260	12700
3	34900	14900	23100	34200	18000	26000	24600	4460	10300	14000	5480	8510
4	34900	14500	23100	40000	29400	36500	17400	5480	9450	9820	3190	5300
5	28400	13500	20000	41200	28000	34600	8830	1680	3320	5940	1090	2480
6	29600	14200	20400	28700	17600	23300	2890	776	1270	6260	1510	2350
7	32300	17900	23300	35700	13300	23400	8390	1320	3250	14000	2740	6030
8	30800	16500	25500	37100	15300	23700	24800	3070	7490	34000	4950	10300
9	35200	28400	32400	33700	17100	23200	36200	5190	14800	33200	---	---
10	31500	18500	28600	32000	20100	25900	34300	1840	9590	---	2920	---
11	30400	13800	21400	40500	20400	26700	11800	2840	5580	15400	4430	6700
12	27500	14100	18700	40000	20600	26300	28700	6020	10300	8380	3340	4530
13	28200	13300	19400	33900	14700	21300	29400	11000	15800	5090	2860	3970
14	27800	11000	15800	28100	19600	23200	21800	6600	10900	4420	3020	3680
15	22400	10100	14400	33500	19800	24500	20000	7380	11000	6520	3250	4130
16	---	---	---	36900	20200	27000	23800	7010	12300	20400	4190	9510
17	---	---	---	34000	19900	26600	8080	5000	6630	35800	6080	13500
18	---	---	---	42600	23700	34800	6820	3440	5020	21400	2430	8330
19	---	---	---	33000	12600	18500	7910	4290	5760	8800	660	2100
20	---	---	---	24400	12300	18200	18900	5450	10700	9230	772	2630
21	---	---	---	31000	15500	24500	33600	6930	16900	6040	693	2510
22	---	---	---	36700	14000	23100	34700	10500	17800	7420	622	1780
23	---	---	---	40000	16800	25200	29400	11400	18000	4150	668	1660
24	32600	19900	28000	38700	8920	17600	31500	4290	12700	5070	1080	2380
25	36600	15700	25400	37000	8680	17800	25100	7470	13900	14200	2900	5430
26	36500	17200	24400	41000	8720	20600	24600	8150	13600	6640	2870	3940
27	34300	13500	21700	41900	11900	24100	24600	9770	15500	---	2650	---
28	36200	12300	21900	40900	3470	14100	30800	11400	18300	6130	2520	3610
29	36000	8420	20100	9640	4460	6840	35500	8830	21300	13400	3560	6990
30	31400	5420	16500	9270	5450	7310	14900	8580	11700	14200	5240	8740
31	30100	7030	14700	---	---	---	26100	10700	17200	28600	4780	12300
		FEBRUARY			MARCH			APRIL			MAY	
1	30000	5610	12400	40	36	38	19700	4260	9370	6590	3290	4640
2	11300	2650	6560	40	37	39	17700	5180	8920	4200	1710	2460
3	5580	642	2040	41	38	40	16200	6620	10800	5180	1310	2650
4	29900	1770	8250	45	41	42	23200	8240	15900	3760	830	1850
5	35100	5680	14200	51	44	47	24300	12100	18100	1850	460	1050
6	31700	---	---	56	48	50	23800	13800	18200	3320	580	1320
7	---	2120	---	59	52	55	25000	11100	18200	4120	530	1510
8	---	2210	---	68	58	62	20500	11300	15100	22400	590	5760
9	5460	2480	3690	131	58	82	30000	10900	16800	26600	1130	9420
10	3940	1620	2590	450	66	188	28100	9610	15500	27000	2340	10700
11	---	1440	---	426	180	260	36800	8400	18000	28100	3330	11800
12	1520	426	685	---	---	---	28700	10600	17000	30300	4600	13300
13	762	132	458	---	---	---	15600	4040	6640	9600	4000	5050
14	1720	88	387	---	---	---	9220	4510	6650	4320	890	2470
15	685	55	88	2310	171	674	20200	6380	12400	2260	740	1350
16	61	42	49	---	279	---	26200	9840	17800	1260	360	718
17	48	41	44	2810	447	1240	26800	12800	19100	560	190	320
18	55	40	43	---	---	---	29500	17000	21400	590	150	276
19	44	41	43	---	---	---	29000	14300	21900	960	180	333
20	46	43	44	---	---	---	23600	12000	18500	1370	210	525
21	48	45	47	---	---	---	32800	12900	21300	740	280	480
22	51	47	48	---	---	---	33400	12900	21800	1750	330	835
23	70	50	54	30700	---	---	24900	11200	16000	1710	310	827
24	---	---	---	32000	8550	16500	30000	11200	16600	560	180	352
25	447	53	131	29700	8360	15800	28700	10800	16600	710	270	425
26	75	46	55	23500	7100	11600	13400	8790	10600	1640	340	837
27	48	42	44	25600	5780	11900	---	---	---	13000	490	8040
28	43	39	42	21800	5270	9860	26400	9470	16100	13300	3230	9540
29	41	37	39	15400	4780	7980	32800	9410	18400	10500	3560	7720
30	---	---	---	18600	3690	8370	15100	5500	9360	14000	6340	9980
31	---	---	---	8610	4070	5650	---	---	---	11600	3870	7570

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13100	3070	7280	2810	100	586	34100	4110	14200	28300	9640	17600
2	11200	910	5090	1480	80	499	23700	4110	10700	33600	14100	26000
3	5880	480	2300	5070	80	686	20200	6210	10400	33500	16800	28200
4	1250	290	632	600	70	178	20800	7980	13800	33300	15400	25600
5	15500	160	2670	320	70	123	16700	7320	11700	27200	12500	18600
6	1160	120	387	120	70	93	20100	9270	15100	17400	10900	13600
7	660	90	237	100	60	74	41000	17400	30000	15100	11500	12800
8	350	90	158	80	60	68	41600	23800	34300	28000	13900	19800
9	240	80	116	80	60	64	36100	18600	26400	31800	20000	25400
10	320	100	203	80	60	68	37200	17600	25700	31200	16300	24600
11	240	110	161	320	60	111	26200	---	---	35600	17100	25000
12	600	180	347	230	70	107	23600	10100	16600	38300	22900	28200
13	1400	430	813	620	90	230	26800	9280	14500	35900	21600	27500
14	10700	750	3510	1180	210	528	27100	9360	14000	39400	24100	32600
15	25300	1520	11800	790	220	471	31900	9890	16100	42000	31400	37700
16	12700	820	4290	15600	290	3110	30700	10800	17800	38100	22500	27500
17	9620	680	2670	8610	780	2900	31900	15700	21100	25000	14500	19200
18	3390	730	1440	3190	950	1980	33000	22800	27600	27700	11500	15000
19	9540	740	2510	19000	1330	4920	32100	21300	26600	29700	8890	14100
20	13600	830	3400	6480	1800	3560	32000	22400	27600	33400	8280	16300
21	22200	1500	6530	5790	2070	3540	29800	13000	16400	32600	8890	16800
22	11100	1510	4430	5500	1960	3170	18000	12100	14700	35100	9380	18600
23	5980	1260	3210	7530	2440	3880	30700	13800	17400	35600	10300	21100
24	2890	590	1390	14500	5590	9220	32300	12200	17400	29600	9170	16100
25	1780	770	1250	22000	6780	10600	27000	9030	16000	34200	11000	17400
26	1550	540	967	22700	7470	11500	24700	7290	14400	19000	10800	13000
27	1570	580	911	25100	9480	13600	29600	6830	14300	27300	10300	18000
28	3470	410	1500	27200	8270	14700	30200	7260	14500	33200	12900	26600
29	3310	370	1140	31500	5180	15400	33000	7770	15400	34900	17600	28100
30	1180	140	567	31100	4580	15800	28300	9450	14900	34600	18100	28100
31	---	---	---	33100	3500	15600	28600	9320	14100	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	29.9	28.4	28.8
2	---	---	---	---	---	---	---	---	---	30.0	28.5	29.0
3	---	---	---	---	---	---	---	---	---	29.8	28.5	29.1
4	---	---	---	---	---	---	---	---	---	29.6	28.7	29.1
5	---	---	---	---	---	---	---	---	---	29.4	28.1	28.7
6	---	---	---	---	---	---	---	---	---	28.7	27.8	28.4
7	---	---	---	---	---	---	---	---	---	28.6	27.5	28.2
8	---	---	---	---	---	---	---	---	---	28.6	27.7	28.2
9	---	---	---	---	---	---	---	---	---	28.5	27.5	28.1
10	---	---	---	---	---	---	---	---	---	28.3	27.6	28.0
11	---	---	---	---	---	---	---	---	---	28.4	27.4	27.9
12	---	---	---	---	---	---	---	---	---	28.4	27.6	28.0
13	---	---	---	---	---	---	---	---	---	28.4	27.4	28.0
14	---	---	---	---	---	---	28.4	27.2	27.7	29.2	27.5	28.0
15	---	---	---	---	---	---	29.1	27.9	28.2	29.4	27.4	28.1
16	---	---	---	---	---	---	28.6	27.9	28.2	28.5	26.6	27.6
17	---	---	---	---	---	---	28.9	27.7	28.1	28.3	26.4	27.2
18	---	---	---	---	---	---	29.1	28.2	28.6	28.5	26.9	27.7
19	---	---	---	---	---	---	29.7	28.5	28.9	28.3	27.2	27.6
20	---	---	---	---	---	---	29.5	28.3	28.6	28.3	27.4	27.7
21	---	---	---	---	---	---	28.5	27.8	28.2	28.3	27.4	27.8
22	---	---	---	---	---	---	29.3	27.9	28.3	27.5	27.1	27.3
23	---	---	---	---	---	---	29.1	27.9	28.4	27.4	26.2	27.0
24	---	---	---	---	---	---	29.7	28.1	28.7	27.9	26.9	27.4
25	---	---	---	---	---	---	29.9	28.3	29.0	27.9	26.7	27.5
26	---	---	---	---	---	---	29.9	28.6	29.4	27.6	26.7	27.2
27	---	---	---	---	---	---	31.0	28.8	29.8	27.6	26.2	26.9
28	---	---	---	---	---	---	30.0	29.3	29.7	27.7	25.5	26.0
29	---	---	---	---	---	---	30.8	29.3	29.7	26.2	24.1	24.8
30	---	---	---	---	---	---	29.9	29.0	29.3	25.3	23.0	24.1
31	---	---	---	---	---	---	29.5	28.8	29.1	---	---	---

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.5	22.9	23.7	22.9	21.2	22.0	14.4	13.6	14.0	14.4	11.7	12.6
2	24.2	22.3	22.9	23.4	21.6	22.5	13.9	13.2	13.6	14.7	12.3	13.1
3	23.0	21.0	22.0	24.1	22.6	23.4	15.8	13.2	13.9	15.2	12.2	13.2
4	23.6	22.1	22.8	24.5	23.3	23.7	15.2	13.1	13.8	16.6	12.9	14.2
5	24.2	23.0	23.6	24.5	23.4	23.7	13.3	12.2	12.8	15.1	14.2	14.5
6	24.7	23.6	24.2	24.5	22.9	23.6	12.2	11.3	11.6	14.4	12.7	13.5
7	25.1	24.4	24.7	25.0	22.7	23.6	12.9	10.7	11.2	12.8	11.7	12.3
8	25.3	24.4	24.9	24.0	22.0	22.8	14.4	10.6	11.6	12.6	10.8	11.7
9	25.5	25.1	25.3	23.0	21.3	22.0	14.6	11.2	12.8	---	---	---
10	25.3	24.3	24.8	22.8	21.2	21.9	14.5	11.5	12.6	11.3	10.2	10.6
11	24.7	23.6	24.0	23.7	21.4	22.1	13.1	10.9	11.8	11.2	9.7	10.2
12	24.5	23.3	23.8	24.5	21.8	22.8	13.4	11.0	11.8	10.3	9.5	9.9
13	25.3	23.4	24.1	24.0	20.0	22.0	13.4	11.6	12.3	10.1	9.3	9.7
14	25.2	23.3	24.1	20.4	18.7	19.5	13.4	11.0	11.6	10.2	9.4	9.7
15	24.1	22.4	23.1	21.3	18.6	19.5	12.4	10.4	11.2	10.4	9.6	10.0
16	23.7	---	---	20.6	19.7	20.1	13.1	11.0	11.7	12.9	9.8	10.8
17	---	---	---	21.3	19.9	20.5	11.1	10.2	10.7	13.5	10.2	11.5
18	---	---	---	21.5	20.7	21.0	11.2	10.0	10.5	14.2	10.9	12.0
19	---	---	---	20.8	18.8	19.6	10.7	9.9	10.3	12.2	11.1	11.5
20	---	---	---	19.1	17.7	18.6	12.2	9.8	10.6	12.2	10.2	11.0
21	---	---	---	19.6	18.4	18.8	13.8	9.7	11.2	13.2	10.1	11.0
22	---	---	---	20.5	18.1	19.1	14.4	10.5	12.0	12.3	10.1	10.6
23	---	---	---	20.9	18.4	19.6	14.4	11.1	12.7	11.8	9.9	10.4
24	24.9	23.1	23.6	20.6	16.3	18.1	13.4	10.4	11.7	12.1	10.0	10.5
25	25.3	22.9	24.1	17.3	15.1	16.2	13.1	10.2	11.2	13.1	10.7	11.7
26	25.2	23.3	24.3	17.2	14.8	16.0	12.8	10.0	11.0	12.8	11.2	11.9
27	24.7	21.6	22.9	17.4	16.2	16.8	13.1	10.3	11.4	---	11.0	---
28	22.0	20.8	21.3	17.6	14.7	15.9	14.1	11.0	12.3	11.4	10.1	10.7
29	22.1	20.4	21.0	14.9	13.9	14.5	14.2	12.3	13.3	12.3	10.5	11.1
30	22.3	20.7	21.3	14.7	13.9	14.3	13.6	12.0	12.7	12.1	10.9	11.3
31	22.9	20.9	21.7	---	---	---	13.8	11.5	12.5	12.8	10.6	11.3
		FEBRUARY			MARCH			APRIL			MAY	
1	11.8	10.3	10.9	---	12.4	---	20.5	19.4	20.0	23.2	22.2	22.5
2	11.6	10.2	10.6	14.3	---	---	20.7	19.4	20.0	23.0	21.2	21.9
3	11.2	10.1	10.5	15.0	14.3	14.8	21.3	19.4	20.0	21.5	20.9	21.2
4	11.9	10.0	10.6	15.9	14.9	15.2	20.5	19.1	19.8	21.2	20.5	20.9
5	14.2	10.9	12.0	17.0	15.9	16.4	20.2	19.0	19.8	21.6	20.6	21.0
6	14.1	---	---	18.1	16.7	17.4	20.5	19.3	19.8	22.1	20.9	21.6
7	12.9	12.0	12.4	18.3	17.9	18.1	21.0	19.8	20.2	23.2	21.7	22.4
8	12.2	11.6	11.9	18.4	17.9	18.2	22.0	20.1	20.8	26.4	22.4	23.8
9	12.6	11.7	12.2	18.3	17.5	17.9	22.9	20.1	21.6	27.7	23.4	24.9
10	12.4	11.8	12.0	17.7	16.7	17.2	23.3	21.1	22.3	26.4	24.0	25.0
11	12.0	11.8	11.9	17.2	16.7	16.9	22.9	21.4	22.3	26.0	24.5	25.1
12	---	11.7	---	---	---	---	23.1	21.6	22.1	25.7	24.4	24.9
13	11.7	11.1	11.4	---	---	---	21.8	19.5	20.6	25.5	24.3	24.8
14	11.2	10.9	11.1	---	---	---	20.0	18.6	19.3	25.1	24.1	24.6
15	10.9	10.2	10.5	---	---	---	20.2	19.0	19.4	24.7	22.9	23.7
16	10.2	---	---	18.3	17.1	17.4	20.7	19.4	19.8	23.5	22.7	23.1
17	9.9	9.5	9.7	18.6	17.2	17.6	20.9	19.9	20.2	23.9	23.3	23.5
18	10.2	9.3	9.7	---	---	---	21.9	20.4	21.2	25.0	23.8	24.1
19	10.4	9.5	9.9	---	---	---	22.7	21.6	22.2	25.5	24.5	24.9
20	---	10.2	---	---	---	---	22.5	21.4	22.1	26.0	24.8	25.2
21	11.6	---	---	---	---	---	23.0	21.5	22.1	26.5	25.3	25.6
22	12.0	11.3	11.5	---	---	---	23.6	22.1	22.8	26.6	25.3	25.7
23	---	11.8	---	---	---	---	24.1	22.6	23.5	26.7	25.5	25.9
24	---	---	---	19.2	17.0	18.2	25.1	22.7	24.1	26.8	25.5	26.0
25	---	---	---	20.1	17.9	18.7	25.4	23.9	24.7	27.6	26.2	26.7
26	12.5	11.9	12.3	20.6	18.6	19.6	25.0	24.0	24.5	27.2	26.1	26.6
27	11.9	11.4	11.7	21.3	19.2	20.2	24.6	23.4	24.1	28.2	25.5	26.6
28	12.3	11.6	11.9	21.9	19.9	20.6	24.2	22.6	23.7	28.8	25.9	27.0
29	12.4	11.9	12.1	22.3	20.6	21.2	23.9	22.3	23.3	28.8	26.7	27.4
30	---	---	---	23.4	20.7	21.7	23.3	22.5	22.9	28.7	27.5	28.1
31	---	---	---	21.3	20.0	20.8	---	---	---	28.2	27.5	27.8

02480285 WEST PASCAGOULA RIVER AT U.S. HIGHWAY 90 AT GAUTIER, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.8	27.2	27.5	26.4	25.6	26.0	30.6	29.2	30.0	29.6	28.4	29.1
2	27.5	26.0	26.8	26.7	25.9	26.2	30.5	29.0	29.9	30.5	28.8	29.7
3	27.7	25.9	26.7	26.7	25.6	26.0	31.0	29.8	30.4	30.9	28.8	30.0
4	27.2	25.4	26.5	27.1	26.0	26.3	30.9	30.2	30.7	30.9	28.6	29.7
5	27.0	25.2	25.8	27.5	26.4	26.8	31.2	30.4	30.7	30.9	28.5	29.5
6	26.0	25.0	25.3	27.3	26.5	26.8	31.2	30.0	30.7	29.9	28.0	28.8
7	25.8	24.7	25.1	27.1	26.1	26.4	30.9	28.6	29.7	29.0	28.0	28.5
8	27.0	25.2	25.7	26.9	26.0	26.4	29.8	28.0	28.9	29.6	28.2	28.7
9	27.1	25.7	26.1	27.2	26.2	26.6	30.3	28.3	29.1	29.9	28.5	29.1
10	27.2	26.2	26.5	27.4	26.4	26.9	30.3	28.6	29.5	30.2	29.5	29.7
11	28.2	26.6	27.2	28.0	26.6	27.2	---	28.8	---	30.0	28.6	29.5
12	29.0	27.5	28.1	28.5	27.1	27.8	30.1	28.4	29.5	29.5	28.5	29.1
13	29.4	28.3	28.8	28.8	27.8	28.3	30.0	27.0	28.7	29.3	28.1	28.8
14	28.9	28.0	28.5	29.3	27.5	28.7	28.8	25.8	27.7	28.9	27.7	28.3
15	28.7	27.5	28.0	30.0	28.5	29.4	27.6	25.2	26.9	28.3	26.1	27.2
16	29.4	27.6	28.5	29.9	28.5	29.4	27.8	25.6	26.9	26.4	25.5	25.9
17	30.1	28.2	29.2	29.8	28.1	29.3	27.9	26.2	27.1	28.6	26.0	26.8
18	30.8	29.2	30.0	29.9	28.8	29.6	27.6	27.0	27.4	28.4	26.3	26.9
19	30.6	29.0	30.1	30.0	28.6	29.3	28.1	27.4	27.7	28.1	25.8	26.7
20	30.5	28.7	29.9	29.6	28.2	28.7	29.0	27.6	28.1	27.3	25.7	26.3
21	31.5	30.0	30.6	29.0	28.1	28.5	29.1	27.9	28.4	27.1	25.2	26.1
22	30.7	29.2	30.0	29.3	28.2	28.7	29.6	28.3	28.9	27.1	25.3	26.0
23	29.5	28.5	29.0	29.7	28.7	29.2	30.5	28.6	29.2	25.8	25.0	25.4
24	29.0	28.1	28.5	30.0	29.1	29.5	30.0	29.1	29.4	26.6	25.1	25.8
25	28.7	27.7	28.2	31.8	29.7	30.6	30.4	29.0	29.5	27.0	26.0	26.5
26	28.2	27.5	27.8	30.9	29.4	30.1	30.2	29.5	29.8	26.9	25.9	26.5
27	27.9	27.3	27.4	30.2	29.1	29.8	30.1	29.4	29.7	26.6	25.1	25.9
28	27.8	26.6	27.1	30.4	28.9	29.8	30.7	29.2	29.8	26.6	25.9	26.2
29	27.1	25.7	26.4	31.0	28.9	30.0	30.6	29.2	29.9	27.0	26.1	26.5
30	26.1	25.6	25.8	30.8	29.4	30.1	30.3	28.9	29.7	27.5	26.0	26.6
31	---	---	---	30.4	28.8	29.6	30.1	28.8	29.4	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS

LOCATION.--Lat 30°23'21", long 88°47'31", in sec.33, T.7 S., R.8 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, at boat dock at Gulf Islands National Seashore, approximately 3.5 mi east of intersection of U.S. Highway 90 and State Highway 609 in Ocean Springs.

DRAINAGE AREA.--6.60 mi^2.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: July 2003 to current year.
SPECIFIC CONDUCTANCE: August 2003 to current year.
WATER TEMPERATURE: July 2003 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is 5.0 ft above NGVD of 1929. Water-quality monitor since July 2003.

REMARKS.--Gage height records good. Specific conductance records good. Water temperature records good. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR JULY TO SEPTEMBER 2003.--
GAGE HEIGHT: Maximum recorded, 3.34 ft, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, -0.78 ft, Aug. 7, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 30,600 microsiemens, Sept. 22, 25, but may have been higher during periods of instrument malfunction; minimum recorded, 13,400 microsiemens, Sept. 6, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.7 °C, Aug. 18, but may have been higher during periods of instrument malfunction; minimum recorded, 21.0 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
GAGE HEIGHT: Maximum recorded, 4.01 ft, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -1.69 ft, Nov. 28, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 40,900 microsiemens, Dec. 28, but may have been higher during periods of instrument malfunction; minimum recorded, 3,040 microsiemens, Mar. 4, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 35.0 °C, July 25, but may have been higher during periods of instrument malfunction; minimum recorded, 8.2 °C, Jan. 7, Feb. 18, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, JULY TO SEPTEMBER 2003

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	1.28	-0.21	0.58	2.55	1.07	1.78
2	---	---	---	---	---	---	1.07	0.06	0.61	2.48	0.71	1.58
3	---	---	---	---	---	---	0.92	0.29	0.71	2.57	0.59	1.54
4	---	---	---	---	---	---	1.37	0.29	0.76	2.60	0.36	1.45
5	---	---	---	---	---	---	1.40	-0.10	0.64	2.39	0.17	1.42
6	---	---	---	---	---	---	1.47	-0.36	0.53	2.70	0.40	1.57
7	---	---	---	---	---	---	1.41	-0.78	0.41	2.51	0.44	1.48
8	---	---	---	---	---	---	1.57	-0.75	0.50	2.35	0.45	1.46
9	---	---	---	---	---	---	1.91	-0.58	0.71	2.27	0.57	1.46
10	---	---	---	---	---	---	1.85	-0.50	0.74	1.93	0.84	1.35
11	---	---	---	---	---	---	1.84	-0.38	0.69	1.75	0.90	1.33
12	---	---	---	---	---	---	2.06	-0.04	1.03	1.74	1.15	1.44
13	---	---	---	---	---	---	1.85	-0.11	0.85	1.87	1.01	1.51
14	---	---	---	---	---	---	1.55	-0.01	0.70	1.94	0.77	1.33
15	---	---	---	---	---	---	1.94	-0.03	1.03	1.88	0.56	1.12
16	---	---	---	---	---	---	1.40	0.75	1.05	1.81	0.89	1.23
17	---	---	---	---	---	---	1.27	0.59	0.96	1.85	0.66	1.23
18	---	---	---	---	---	---	1.34	0.52	0.89	1.97	0.70	1.28
19	---	---	---	---	---	---	1.64	0.20	0.79	2.02	0.29	1.15
20	---	---	---	---	---	---	1.39	0.29	0.84	1.76	0.38	1.08
21	---	---	---	---	---	---	1.74	0.37	1.09	2.42	0.79	1.68
22	---	---	---	---	---	---	2.08	0.51	1.31	3.34	0.33	1.73
23	---	---	---	---	---	---	2.34	0.50	1.45	2.09	0.47	1.37
24	---	---	---	---	---	---	2.31	0.28	1.36	2.34	0.91	1.57
25	---	---	---	---	---	---	2.19	0.22	1.25	2.59	1.26	1.77
26	---	---	---	---	---	---	2.06	0.14	1.14	2.18	1.27	1.83
27	---	---	---	1.80	-0.40	0.73	2.35	0.43	1.36	2.12	0.85	1.61
28	---	---	---	1.90	-0.40	0.78	1.92	0.67	1.30	1.98	-0.05	0.93
29	---	---	---	1.90	-0.65	0.71	2.22	1.07	1.79	1.72	0.22	0.97
30	---	---	---	1.78	-0.50	0.49	2.12	1.43	1.75	1.92	0.30	1.08
31	---	---	---	1.60	-0.39	0.69	2.30	1.70	1.97	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.17	0.29	1.15	2.13	0.07	0.97	0.49	-0.30	0.09	1.20	-0.18	0.48
2	1.79	-0.01	0.88	1.57	0.31	0.95	0.47	-0.37	0.05	1.40	-0.30	0.52
3	2.21	0.31	1.25	1.29	0.50	0.93	1.40	0.13	0.77	1.58	-0.37	0.58
4	2.17	0.40	1.33	2.26	1.08	1.66	1.51	0.16	0.85	1.91	-0.22	0.82
5	1.98	0.24	1.15	2.11	1.12	1.55	0.83	-0.33	0.20	1.34	-0.43	0.46
6	1.92	0.51	1.27	1.46	0.64	1.04	0.54	-1.26	-0.26	0.99	-1.62	-0.26
7	1.95	0.81	1.38	1.42	0.02	0.84	1.20	-1.21	-0.07	1.29	-1.37	-0.04
8	1.68	0.81	1.27	1.44	-0.21	0.71	1.80	-0.97	0.33	2.28	-0.96	0.32
9	1.87	1.20	1.49	1.66	-0.28	0.60	2.61	-0.40	1.01	2.14	-0.74	0.31
10	2.12	1.09	1.69	1.83	-0.15	0.83	2.50	-1.22	0.24	1.15	-1.17	-0.10
11	2.35	1.07	1.77	2.17	-0.15	0.87	1.34	-1.06	0.11	1.15	-0.73	0.08
12	2.35	0.88	1.56	2.10	-0.11	0.89	1.89	-0.72	0.43	0.82	-0.61	0.14
13	2.25	0.72	1.50	2.06	-0.95	0.38	1.90	0.27	1.02	0.80	-0.28	0.31
14	2.24	0.35	0.98	1.90	0.00	0.78	1.57	-0.58	0.38	0.87	-0.07	0.36
15	1.54	0.26	0.90	2.03	-0.10	0.93	1.44	-0.31	0.52	0.79	-0.22	0.21
16	1.70	0.25	0.93	2.10	0.12	1.15	1.47	-0.72	0.47	1.43	-0.55	0.51
17	1.96	0.31	1.01	2.00	0.31	1.17	0.31	-0.87	-0.26	2.58	-0.19	0.96
18	1.67	0.43	1.01	2.39	0.56	1.77	0.40	-0.69	-0.20	2.10	-0.33	0.94
19	---	---	---	2.05	-0.74	0.18	0.41	-1.37	-0.51	1.21	-1.60	-0.16
20	---	---	---	0.93	-0.16	0.35	0.92	-1.31	-0.18	1.38	-1.36	-0.02
21	---	---	---	1.28	-0.29	0.48	1.58	-1.39	0.07	1.55	-1.42	0.00
22	---	---	---	1.95	-0.61	0.65	1.98	-1.11	0.38	1.31	-1.43	-0.04
23	---	---	---	2.40	-0.33	1.03	1.55	-0.67	0.56	1.28	-1.16	0.05
24	---	---	---	2.13	-1.48	0.24	1.59	-1.33	-0.03	1.67	-0.82	0.23
25	2.21	0.04	1.09	2.22	-0.82	0.60	1.48	-1.04	0.17	1.67	0.08	0.87
26	2.10	-0.16	1.13	2.58	-0.97	0.65	1.41	-1.00	0.12	1.37	0.40	0.85
27	2.50	-0.48	0.95	2.82	-0.30	1.07	1.48	-0.69	0.42	1.06	-1.18	-0.18
28	2.68	-0.11	1.15	2.88	-1.69	-0.12	1.57	-0.21	0.65	0.53	-1.30	-0.39
29	2.59	-0.25	1.10	0.73	-0.95	-0.19	1.67	-0.41	0.89	0.77	-0.75	0.03
30	2.56	-0.17	1.09	0.65	-0.87	-0.05	1.15	-0.50	0.47	1.07	-0.43	0.30
31	2.31	0.00	1.06	---	---	---	1.05	0.16	0.55	1.69	-0.66	0.60

		FEBRUARY			MARCH			APRIL			MAY	
1	2.10	0.04	1.15	2.05	0.06	1.10	0.91	-0.39	0.30	1.68	0.26	0.97
2	1.71	-0.06	0.89	1.73	-0.03	0.90	0.84	-1.17	0.02	1.49	-0.34	0.57
3	1.06	-1.56	-0.10	1.81	-0.24	0.82	0.49	-0.65	0.05	1.40	-0.80	0.42
4	2.19	-0.88	0.36	2.20	0.17	1.14	0.49	-0.44	0.09	1.50	-0.69	0.48
5	2.12	-0.07	0.94	2.23	-0.03	1.18	1.07	-0.30	0.30	1.49	-0.93	0.42
6	2.01	-0.45	0.44	1.99	-0.04	0.85	1.12	-0.16	0.42	1.80	-0.83	0.52
7	0.71	-1.18	-0.51	1.28	-0.41	0.16	1.46	-0.22	0.65	1.84	-1.04	0.50
8	0.66	-1.32	-0.35	0.33	-0.64	-0.27	1.85	-0.66	0.72	1.99	-1.04	0.56
9	0.75	-0.77	0.09	0.42	-1.58	-0.24	2.03	-0.66	0.73	2.17	-0.75	0.85
10	0.74	-0.40	0.15	1.04	-1.58	-0.12	1.83	-0.62	0.64	2.41	-0.24	1.09
11	1.15	0.00	0.59	0.83	-0.82	-0.02	3.26	-0.49	0.92	2.23	0.25	1.17
12	0.75	-0.50	0.20	1.39	-0.83	0.22	2.10	-0.02	1.05	2.12	0.44	1.32
13	1.10	-0.56	0.17	1.83	-0.93	0.43	0.60	-1.50	-0.50	1.86	0.43	1.34
14	1.91	-0.58	0.76	1.86	-0.75	0.60	0.25	-1.45	-0.54	1.86	1.31	1.58
15	0.41	-1.35	-0.47	1.91	-0.64	0.69	0.38	-1.17	-0.24	1.97	0.62	1.44
16	0.98	-1.36	-0.17	1.68	-0.49	0.64	0.58	-0.61	0.02	1.88	0.47	1.23
17	0.94	-1.45	-0.12	1.39	-0.77	0.52	0.57	-0.30	0.04	1.82	0.45	1.29
18	0.71	-1.62	-0.47	1.48	-0.42	0.51	0.53	-0.30	0.18	2.16	0.00	1.14
19	1.44	-1.47	-0.13	1.24	-0.29	0.45	1.09	-0.35	0.45	2.04	-0.07	1.16
20	1.73	-0.66	0.60	1.22	-0.01	0.47	1.28	-0.17	0.54	2.07	-0.22	1.03
21	1.51	-1.01	0.36	0.86	-0.28	0.15	1.80	0.16	1.09	1.97	-0.10	0.95
22	1.35	0.01	0.53	0.92	-0.56	0.08	2.01	-0.02	1.06	2.30	0.01	1.20
23	2.52	-0.13	0.88	1.35	-0.15	0.58	1.85	-0.18	0.83	2.42	0.29	1.41
24	2.49	0.46	1.17	1.47	0.12	0.67	1.90	-0.13	0.87	2.09	0.33	1.24
25	2.33	0.57	1.25	1.72	-0.23	0.79	2.04	-0.14	0.91	1.83	0.24	1.01
26	1.43	-0.22	0.79	1.77	-0.23	0.64	1.25	-0.14	0.59	1.46	-0.01	0.84
27	0.80	-0.68	0.05	1.73	-0.25	0.70	1.49	-0.66	0.24	1.24	0.18	0.84
28	1.02	-0.81	0.12	1.66	-0.01	0.72	1.60	-0.65	0.66	1.25	0.03	0.76
29	1.61	-0.50	0.64	1.55	-0.21	0.71	2.28	0.09	1.06	1.21	0.27	0.76
30	---	---	---	1.69	-0.75	0.57	1.51	0.41	1.04	1.73	0.69	1.19
31	---	---	---	0.89	-0.65	0.10	---	---	---	1.50	-0.45	0.83

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.13	-0.51	0.99	2.50	-0.62	1.03	2.51	-0.10	1.20	1.00	0.23	0.69
2	2.32	-0.72	0.81	2.45	-0.74	1.02	2.06	-0.05	0.98	---	---	---
3	2.49	-1.08	0.89	2.51	-0.60	1.11	1.79	0.15	0.88	---	---	---
4	2.07	-1.10	0.61	2.34	-0.27	1.04	1.36	0.33	0.90	1.55	0.27	0.89
5	2.33	-1.04	0.74	2.09	-0.16	1.01	0.87	0.37	0.64	1.57	-0.19	0.58
6	2.08	-0.94	0.78	1.54	-0.13	0.82	0.92	0.17	0.49	1.14	-0.88	-0.03
7	1.99	-0.89	0.94	1.45	0.03	0.85	1.59	0.54	1.05	0.75	-0.83	-0.02
8	1.89	0.08	0.97	1.19	0.44	0.92	2.24	0.77	1.45	1.19	-0.44	0.36
9	1.48	0.08	0.92	1.59	0.54	0.94	2.10	0.39	1.19	1.33	0.01	0.67
10	1.21	0.62	1.02	1.54	0.37	0.88	2.08	-0.02	1.08	1.24	-0.21	0.61
11	1.27	0.65	0.98	1.78	0.23	0.96	1.81	-0.09	0.99	1.67	0.20	0.92
12	1.42	0.41	0.93	1.32	-0.17	0.57	1.96	-0.49	0.83	1.87	0.62	1.14
13	1.59	0.18	0.95	1.58	-0.09	0.73	1.83	-0.53	0.70	1.80	0.75	1.21
14	2.03	0.46	1.36	2.14	-0.19	0.80	1.80	-0.45	0.57	2.03	1.13	1.58
15	2.53	0.32	1.55	1.75	-0.44	0.79	1.78	-0.30	0.60	4.01	1.71	2.79
16	2.42	-0.07	1.26	2.03	-0.53	0.73	1.58	-0.25	0.60	3.62	1.23	1.93
17	2.06	-0.11	1.09	1.81	-0.51	0.77	1.43	0.03	0.62	2.32	-0.03	1.25
18	2.12	-0.42	0.97	1.69	-0.51	0.59	1.16	0.19	0.63	2.22	0.05	1.05
19	2.10	-0.56	0.87	1.92	-0.40	0.74	1.07	0.37	0.76	2.02	-0.12	1.04
20	2.08	-0.75	0.71	1.78	-0.33	0.75	1.28	0.39	0.83	2.17	0.39	1.24
21	1.95	-0.35	0.87	1.49	-0.12	0.73	1.53	0.10	0.63	2.15	0.42	1.21
22	1.69	-0.32	0.85	1.20	0.22	0.62	1.42	-0.17	0.60	2.62	0.55	1.52
23	1.63	-0.24	0.87	0.77	0.27	0.57	1.84	-0.36	0.65	2.91	0.37	1.59
24	1.49	-0.09	0.89	1.06	0.41	0.62	1.81	-0.58	0.60	1.95	0.19	1.18
25	1.35	-0.14	0.78	1.17	-0.08	0.61	1.79	-0.70	0.58	2.10	0.14	1.13
26	1.12	-0.06	0.68	1.71	-0.02	0.91	1.90	-0.48	0.79	1.54	-0.06	0.75
27	1.64	-0.11	0.73	2.08	-0.19	0.86	2.05	-0.43	0.87	1.08	0.20	0.57
28	1.93	-0.24	0.85	1.98	-0.47	0.87	1.84	-0.46	0.89	1.08	0.13	0.62
29	2.05	-0.20	0.95	2.27	-0.54	0.97	1.89	-0.22	0.87	1.23	0.00	0.67
30	2.10	-0.44	0.94	2.62	-0.05	1.26	1.81	-0.18	0.81	1.83	-0.13	0.81
31	---	---	---	2.63	-0.12	1.35	1.46	0.24	0.75	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	20600	18200	19500
2	---	---	---	---	---	---	---	---	---	18300	14100	17100
3	---	---	---	---	---	---	---	---	---	15700	14400	15200
4	---	---	---	---	---	---	---	---	---	18500	14600	15700
5	---	---	---	---	---	---	---	---	---	19100	14200	16300
6	---	---	---	---	---	---	---	---	---	22500	13400	17400
7	---	---	---	---	---	---	---	---	---	27800	15200	20300
8	---	---	---	---	---	---	---	---	---	25400	16400	20200
9	---	---	---	---	---	---	---	---	---	21900	15700	18100
10	---	---	---	---	---	---	---	---	---	19100	16500	17600
11	---	---	---	---	---	---	---	---	---	18900	16700	18000
12	---	---	---	---	---	---	---	---	---	19400	17300	18700
13	---	---	---	---	---	---	---	---	---	21500	16600	19400
14	---	---	---	---	---	---	25300	16800	21200	19500	15100	17200
15	---	---	---	---	---	---	24200	16800	22500	21500	14700	16700
16	---	---	---	---	---	---	22400	19500	21700	25800	17600	22100
17	---	---	---	---	---	---	21500	19500	20700	25000	19800	22100
18	---	---	---	---	---	---	21200	18900	20000	27900	20300	22900
19	---	---	---	---	---	---	20800	17800	19300	24300	17900	21500
20	---	---	---	---	---	---	20300	18800	19600	25300	19200	21400
21	---	---	---	---	---	---	23300	16700	19700	30200	22200	26200
22	---	---	---	---	---	---	25300	19100	22600	30600	18500	25300
23	---	---	---	---	---	---	25100	16500	21400	24800	18800	21900
24	---	---	---	---	---	---	23200	16300	20200	25900	20100	22700
25	---	---	---	---	---	---	22500	16300	19400	30600	21700	25400
26	---	---	---	---	---	---	22000	16500	19200	28400	23400	26900
27	---	---	---	---	---	---	22500	16800	19600	27900	23500	25900
28	---	---	---	---	---	---	22900	17300	20300	26200	19100	22800
29	---	---	---	---	---	---	22900	19800	22100	25800	21300	23100
30	---	---	---	---	---	---	22600	21200	21700	27900	22000	25000
31	---	---	---	---	---	---	21300	20400	20700	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28300	22600	25900	35400	32000	33600	33600	24400	28000	32600	29600	31200
2	27500	22300	25100	33700	32600	33100	36900	25800	32700	31200	28800	29600
3	29700	23800	26400	33300	32000	32900	38300	35000	36300	29000	26900	27600
4	28700	23300	25200	37000	32800	35000	37300	32200	35000	27800	24600	26300
5	28200	23000	24600	36900	33100	34900	32400	31500	31900	27400	24600	26100
6	29600	23000	25300	33500	30900	32000	32000	23800	29600	26800	23000	25200
7	30300	24600	26800	33200	30900	32200	32800	27800	30800	31200	24300	26900
8	28800	24500	27100	35200	30700	33600	34800	29600	32200	35700	25800	29300
9	32100	27600	29800	38500	30900	34400	34100	31200	32800	35500	24900	28300
10	31200	28400	29700	38300	32400	36000	32400	28700	30200	29800	23200	26600
11	30500	25900	28100	39100	32900	36100	31400	28700	30100	29700	24300	27600
12	28700	22600	25500	39000	33400	35100	33600	30000	31100	29600	26200	27400
13	25900	21700	23400	35700	32000	33700	34400	31400	32500	26800	25800	26300
14	23300	19800	21200	37900	34000	34900	33700	26600	29900	26400	25700	25900
15	24400	19900	22100	37900	34000	35600	33000	26700	30300	33600	25200	27500
16	26400	21000	23600	37400	34000	35700	32200	26800	30200	39300	25400	33600
17	29200	21700	24800	39200	34100	35900	28300	25900	27100	38800	31600	35200
18	29200	22500	24500	40400	33800	37800	28500	26400	27900	34000	22300	28200
19	---	---	---	37400	31500	32800	28400	24800	26800	27800	13000	19900
20	---	---	---	33400	31800	32900	32000	24700	28700	24200	14100	20000
21	---	---	---	35000	32600	33400	39900	24800	31600	24100	14800	20300
22	---	---	---	38200	32100	34800	36300	26900	32400	25000	15000	20400
23	---	---	---	37600	32900	35500	35400	29700	32500	25700	16600	21700
24	---	---	---	36400	31300	33300	32400	24000	29100	32500	18400	24000
25	35300	25300	30400	36400	30900	33500	33000	25600	29800	32500	24400	27000
26	35000	26400	31100	39200	32500	34700	33100	26600	30200	26200	24200	25500
27	32800	25200	29500	39400	29900	34400	34500	28000	31800	25100	18300	20000
28	32500	26000	29300	36200	16500	24400	40900	32900	36000	24400	17900	20700
29	31900	26500	29000	27900	18200	23600	40600	30400	36800	30400	18400	25600
30	36000	27100	29900	27800	18900	24700	33600	28000	31900	30600	25700	27900
31	36800	29200	33200	---	---	---	33800	31600	32500	34300	22400	30300
		FEBRUARY			MARCH			APRIL			MAY	
1	33500	28600	32000	19600	12200	15000	25500	23500	24600	22900	18000	20400
2	33300	28400	31500	17100	8020	11800	25400	22800	24500	18800	13900	17100
3	31100	18700	25400	15400	5740	8690	25600	24300	25000	17300	11800	14400
4	34400	24600	28200	11400	3040	6040	25800	24600	25200	20300	11700	14700
5	33600	28800	30800	10100	3270	5650	28700	25100	26300	17600	10800	12900
6	30700	25600	27800	10300	3510	6330	28500	26000	27000	27300	11300	16500
7	27000	21900	24200	11200	6700	9380	29400	25300	27800	27000	11400	18000
8	26500	22000	24800	11300	10400	10800	27500	24400	26500	25300	11700	18700
9	30000	23400	26800	11200	10400	10800	29400	23600	26600	26100	13700	20700
10	29800	25900	28400	17100	10600	13000	29100	23800	26500	23300	16500	21000
11	30300	26900	28900	16800	11300	13800	31400	24700	26900	22100	19600	20700
12	27000	7420	15100	19700	11400	14400	28900	25300	26900	22000	19200	20400
13	23400	4680	12400	27600	11400	20300	26000	22700	23800	19200	13100	14500
14	35400	4840	22900	25200	13800	20700	27500	22800	25200	16300	10800	14000
15	17300	5590	7910	23800	15400	20800	30700	24800	28100	15000	6360	12300
16	20500	5540	12300	21400	16700	18800	30900	26600	29100	9860	6150	8480
17	18400	6630	13500	20600	15100	18700	31300	28000	30000	16000	6390	9670
18	16300	6580	12100	19900	16700	18700	34000	30400	32700	14000	6660	9970
19	17100	8520	13100	20900	17700	19000	32200	29400	31100	8370	4750	6640
20	15300	9370	13100	21900	18200	19600	31300	30400	30800	---	---	---
21	14000	9520	11100	21800	18000	19100	31500	30800	31200	---	---	---
22	18500	12100	15100	22700	18300	19800	33500	28900	30900	---	---	---
23	18800	10900	16400	29200	19600	25900	31400	27800	29100	---	---	---
24	18100	9720	12700	32200	24200	27900	31700	29600	30700	---	---	---
25	14000	7050	10000	29900	21600	27900	32400	29200	30400	---	---	---
26	13300	3920	8250	28400	21600	26900	29600	23900	26900	---	---	---
27	13600	3240	7220	28600	22200	26900	24100	20600	21900	---	---	---
28	26700	3230	17900	28600	26200	27500	29000	19700	24400	---	---	---
29	23400	13700	18400	27100	25100	26000	30000	20300	25400	---	---	---
30	---	---	---	26300	21500	24500	25700	22700	23800	---	---	---
31	---	---	---	24400	22700	23800	---	---	---	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	30600	22000	26500	29800	28500	29000
2	---	---	---	---	---	---	26800	22900	24800	---	---	---
3	---	---	---	---	---	---	26400	23000	24500	---	---	---
4	---	---	---	---	---	---	25800	23900	25100	33400	29500	31200
5	---	---	---	---	---	---	25600	24000	24700	30300	28500	29400
6	---	---	---	---	---	---	25300	24300	24700	30900	27400	28700
7	---	---	---	---	---	---	29500	24900	27100	29000	28200	28400
8	---	---	---	---	---	---	34200	29500	31700	28800	27700	28100
9	---	---	---	---	---	---	34100	30000	32000	30400	28600	29100
10	10600	9690	10100	---	---	---	35200	28200	31900	31300	29200	30000
11	10700	9740	10300	---	---	---	29900	27600	28800	33900	30700	32500
12	10600	9500	10000	---	---	---	28300	26200	27600	36700	32000	34700
13	10500	9160	9840	---	---	---	26300	25200	25400	35500	33400	34500
14	17200	10000	12700	---	---	---	26000	25300	25600	35100	34500	34900
15	21600	9500	16700	---	---	---	27100	25600	26100	37600	34600	35500
16	15100	9480	12600	---	---	---	29500	26000	27400	35600	28000	30800
17	12300	8630	10300	---	---	---	30500	26600	28000	31200	26400	29100
18	14600	8500	10200	---	---	---	30200	27500	28900	32800	26100	29100
19	---	---	---	---	---	---	30200	29000	29300	35100	26100	31000
20	---	---	---	---	---	---	30700	29300	30000	38200	30600	34300
21	---	---	---	17900	11100	14700	29800	27900	28800	38200	32300	35600
22	---	---	---	16900	15200	16000	28900	27200	28000	36800	33600	35200
23	---	---	---	17100	16300	16700	27500	26800	27200	36200	33300	35000
24	---	---	---	18600	17100	17800	27500	26700	26900	35200	32400	34100
25	---	---	---	19300	18000	18700	27200	26700	26800	34500	31500	33100
26	---	---	---	21300	18200	19800	27500	26400	26800	33700	31200	32300
27	---	---	---	22500	16700	19600	28700	27000	27700	32100	31200	31700
28	---	---	---	23300	16800	20100	30400	27200	28700	33100	31800	32300
29	---	---	---	25000	17800	21300	30400	27400	28900	33300	31700	32600
30	---	---	---	27500	18300	23300	30100	27700	28500	34700	31400	33000
31	---	---	---	31600	19700	27100	30100	28000	29100	---	---	---

WATER-QUALITY DATA, JULY TO SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	30.7	28.8	29.6	31.5	28.0	29.5
2	---	---	---	---	---	---	30.5	28.5	29.3	33.1	29.4	31.0
3	---	---	---	---	---	---	30.5	28.4	29.4	32.2	30.6	31.3
4	---	---	---	---	---	---	32.6	28.4	30.3	32.2	30.3	31.1
5	---	---	---	---	---	---	32.2	29.4	30.9	30.7	29.0	29.9
6	---	---	---	---	---	---	32.5	29.9	31.0	29.7	28.4	29.0
7	---	---	---	---	---	---	30.8	27.4	29.1	29.8	28.0	28.8
8	---	---	---	---	---	---	32.3	28.8	29.8	30.1	27.7	28.7
9	---	---	---	---	---	---	31.9	29.6	30.5	29.6	28.1	28.9
10	---	---	---	---	---	---	31.9	29.6	30.6	29.8	27.7	28.8
11	---	---	---	---	---	---	31.1	29.5	30.3	29.2	27.7	28.6
12	---	---	---	---	---	---	30.4	27.6	29.2	29.4	27.4	28.4
13	---	---	---	---	---	---	29.1	26.8	28.0	29.2	27.2	28.2
14	---	---	---	---	---	---	31.1	27.5	29.2	29.8	27.5	28.3
15	---	---	---	---	---	---	31.4	28.8	30.1	29.2	27.9	28.6
16	---	---	---	---	---	---	32.0	29.8	30.9	28.8	26.2	27.8
17	---	---	---	---	---	---	32.8	29.6	31.0	29.3	26.8	27.9
18	---	---	---	---	---	---	33.7	30.1	31.8	29.3	27.6	28.3
19	---	---	---	---	---	---	33.3	30.9	31.9	30.7	27.4	28.8
20	---	---	---	---	---	---	32.5	30.6	31.5	29.4	28.4	29.0
21	---	---	---	---	---	---	31.1	28.7	29.7	29.1	27.9	28.4
22	---	---	---	---	---	---	29.6	28.6	29.1	28.3	27.3	27.8
23	---	---	---	---	---	---	30.4	28.6	29.4	28.4	26.4	27.3
24	---	---	---	---	---	---	31.3	29.1	30.1	28.5	26.2	27.4
25	---	---	---	---	---	---	32.6	29.7	31.0	28.9	26.6	27.7
26	---	---	---	---	---	---	33.0	30.1	31.4	28.6	26.8	27.8
27	---	---	---	31.9	29.3	30.4	32.8	30.5	31.7	29.3	27.1	28.3
28	---	---	---	32.0	29.5	30.6	32.6	30.8	31.7	28.3	25.6	26.9
29	---	---	---	31.3	28.7	30.0	32.2	30.5	31.3	25.6	22.5	24.1
30	---	---	---	30.7	29.1	29.8	30.9	28.8	29.6	24.4	21.0	22.9
31	---	---	---	31.8	28.5	30.0	29.1	28.1	28.6	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.6	21.5	22.7	25.5	22.6	23.9	16.0	14.0	15.2	15.2	13.0	14.2
2	23.0	20.8	22.0	25.4	23.0	24.0	16.2	14.2	15.5	15.9	15.1	15.6
3	23.3	20.5	21.7	24.9	22.5	23.7	16.0	14.5	15.5	17.3	15.6	16.8
4	24.8	21.9	23.1	25.2	23.6	24.3	16.6	15.5	16.0	18.8	17.3	18.3
5	25.8	22.7	24.1	25.5	24.2	24.8	16.4	14.1	15.5	19.7	17.2	19.0
6	26.4	23.5	24.8	26.5	24.4	25.4	14.1	11.0	11.9	17.2	12.1	14.0
7	26.9	24.0	25.3	25.9	24.2	24.9	12.7	9.0	11.1	13.0	8.2	10.7
8	27.1	24.7	25.7	24.5	21.9	23.4	13.2	9.9	11.9	11.4	8.9	9.7
9	26.0	25.0	25.5	22.9	20.3	21.9	14.1	12.6	13.3	11.5	9.8	10.5
10	25.2	24.3	24.7	22.6	20.5	21.8	14.4	12.2	13.4	11.1	9.1	10.2
11	24.5	23.6	24.0	23.3	20.6	22.1	12.4	10.3	11.7	10.9	8.3	9.8
12	24.7	23.3	24.0	25.1	22.1	23.6	13.1	10.5	11.9	11.8	9.2	10.6
13	25.9	23.6	24.4	24.1	20.1	22.5	12.3	11.8	12.1	13.6	11.4	12.4
14	26.2	24.4	25.0	20.3	17.4	18.8	12.1	11.3	11.7	14.7	12.2	13.5
15	24.7	21.9	23.3	20.0	16.6	18.5	12.0	10.1	11.5	14.5	13.4	14.0
16	23.8	21.1	22.7	20.9	18.9	19.8	14.3	11.9	13.0	14.2	12.6	13.5
17	25.2	21.8	23.6	21.0	20.3	20.6	12.9	10.1	11.2	13.8	13.2	13.5
18	24.1	22.0	23.0	21.4	20.3	20.9	11.6	8.7	10.3	15.0	13.8	14.4
19	---	---	---	20.3	17.3	18.7	11.5	8.7	10.5	14.7	12.5	13.6
20	---	---	---	18.3	16.0	17.2	11.6	8.5	10.3	12.6	9.1	11.2
21	---	---	---	19.3	16.1	17.8	11.6	8.6	10.6	12.4	9.0	11.0
22	---	---	---	19.8	17.4	18.9	12.9	11.2	12.1	13.0	9.9	11.6
23	---	---	---	20.5	18.6	19.7	13.6	12.7	13.2	13.5	10.8	12.3
24	---	---	---	20.4	16.2	17.9	13.2	11.3	12.4	13.7	12.5	13.2
25	25.4	23.8	24.7	16.2	12.8	14.8	11.8	10.2	11.1	15.5	13.4	14.5
26	25.4	24.4	24.9	15.7	12.9	14.4	12.4	9.7	11.2	15.6	14.8	15.3
27	24.8	21.9	23.0	16.9	15.7	16.3	13.2	10.3	11.8	15.2	11.0	13.4
28	21.9	19.6	20.6	16.7	14.2	15.8	15.4	12.5	13.8	12.4	9.0	10.5
29	22.4	18.9	20.7	14.6	11.9	13.3	16.4	15.0	15.8	11.7	8.6	10.7
30	24.0	20.9	22.2	16.4	12.7	14.3	15.7	13.7	14.6	11.7	11.0	11.4
31	24.9	22.1	23.3	---	---	---	14.5	12.5	13.7	11.7	10.4	11.0
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	10.2	10.6	17.0	15.0	15.8	21.5	17.7	19.5	25.1	21.0	22.9
2	12.6	10.8	11.6	19.6	17.0	17.9	20.4	16.7	19.0	24.4	22.9	23.6
3	12.7	10.4	12.0	19.6	18.3	19.3	20.9	17.4	19.3	24.3	19.2	22.1
4	12.3	10.1	11.2	20.4	18.8	19.7	21.8	18.3	19.9	24.9	20.9	22.5
5	14.4	11.4	13.0	21.5	19.3	20.5	21.2	18.3	19.9	26.1	21.3	23.1
6	16.4	13.5	15.5	22.9	19.9	21.6	21.9	18.6	20.3	27.1	22.5	24.3
7	15.0	11.9	13.4	23.1	21.1	22.1	21.8	20.0	20.9	27.9	23.0	25.1
8	12.6	9.0	10.9	21.1	18.4	19.8	24.7	20.8	22.4	27.6	24.3	25.9
9	12.4	9.3	11.1	20.0	15.0	18.1	24.8	21.5	23.1	28.1	24.9	26.6
10	12.7	12.2	12.4	18.4	14.9	16.5	25.9	22.2	24.0	26.8	25.6	26.3
11	13.2	12.1	12.5	18.9	14.6	16.5	24.8	22.7	23.4	26.3	24.9	25.7
12	13.8	12.7	13.5	19.1	15.2	17.1	23.7	21.7	22.6	26.2	24.5	25.4
13	12.8	11.6	12.2	18.6	16.3	17.6	21.8	16.1	17.7	27.5	24.2	25.7
14	12.3	11.4	12.0	18.7	17.0	18.0	19.4	13.5	16.6	27.9	25.6	26.5
15	11.6	8.9	9.8	18.8	18.0	18.5	20.8	15.8	18.5	26.8	24.3	25.6
16	11.1	8.5	9.8	21.3	18.6	19.8	23.8	18.3	20.5	28.3	24.3	25.7
17	11.8	8.6	10.7	20.7	17.6	19.4	24.6	20.1	22.2	28.4	25.8	26.8
18	12.5	8.2	11.1	22.1	18.7	20.5	25.2	21.2	23.2	29.1	26.1	27.5
19	14.8	11.2	13.0	24.5	20.7	22.4	26.0	22.3	24.1	30.1	26.2	27.9
20	16.0	13.8	14.8	26.1	22.1	23.8	25.1	22.9	24.0	---	---	---
21	16.6	15.1	15.9	24.8	22.4	23.5	25.3	22.5	23.7	---	---	---
22	16.8	14.7	15.7	22.7	17.9	19.8	25.4	22.6	23.9	---	---	---
23	16.1	14.1	15.0	19.6	17.6	18.6	25.6	23.7	24.5	---	---	---
24	14.4	14.1	14.2	18.9	16.7	18.0	26.5	23.7	25.1	---	---	---
25	15.0	14.1	14.4	20.8	17.6	19.0	26.2	24.4	25.3	---	---	---
26	14.8	12.9	14.3	21.9	19.1	20.5	25.4	23.9	24.5	---	---	---
27	15.0	12.0	13.4	22.4	19.9	21.3	25.0	22.3	23.8	---	---	---
28	15.7	12.2	14.2	23.5	20.9	22.3	24.5	21.5	23.3	---	---	---
29	15.2	13.7	14.4	24.2	21.8	23.2	24.0	21.7	22.5	---	---	---
30	---	---	---	23.7	21.5	22.8	22.4	21.7	22.1	---	---	---
31	---	---	---	22.5	19.1	21.3	---	---	---	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	30.9	29.6	30.2	30.8	27.9	29.4
2	---	---	---	---	---	---	31.5	29.0	30.1	---	---	---
3	---	---	---	---	---	---	32.5	29.5	30.7	---	---	---
4	---	---	---	---	---	---	33.1	30.0	31.5	31.4	28.4	29.9
5	---	---	---	---	---	---	33.0	30.1	31.4	31.1	28.5	29.9
6	---	---	---	---	---	---	32.1	29.6	30.9	31.1	28.2	29.7
7	---	---	---	---	---	---	31.0	28.6	29.6	30.8	27.5	29.1
8	---	---	---	---	---	---	30.8	28.4	29.5	30.8	27.3	29.0
9	---	---	---	---	---	---	31.3	28.7	29.6	31.2	28.3	29.5
10	33.0	29.6	31.3	---	---	---	32.7	28.7	30.3	31.0	28.8	29.8
11	33.1	29.7	31.5	---	---	---	32.0	29.1	30.4	30.1	28.6	29.4
12	33.8	29.8	31.7	---	---	---	31.5	29.2	30.0	29.6	28.2	28.9
13	32.4	30.5	31.5	---	---	---	29.4	26.7	27.9	29.8	27.7	28.7
14	31.5	29.9	30.6	---	---	---	27.3	24.8	26.3	29.0	27.5	28.3
15	31.2	28.6	29.7	---	---	---	27.6	24.2	26.1	28.5	25.7	27.2
16	32.6	28.8	30.4	---	---	---	28.6	25.0	26.6	26.2	24.7	25.4
17	33.6	29.6	31.1	---	---	---	28.9	25.8	27.2	28.5	25.5	27.0
18	33.8	30.5	31.8	---	---	---	30.4	26.7	28.2	29.9	27.3	28.2
19	---	---	---	---	---	---	31.2	27.0	29.1	28.2	25.8	27.2
20	---	---	---	---	---	---	31.4	28.6	29.9	27.5	26.0	27.0
21	---	---	---	---	---	31.0	31.3	28.6	29.8	28.3	25.5	26.7
22	---	---	---	33.3	29.6	31.3	32.4	28.9	30.5	27.8	25.7	26.5
23	---	---	---	33.9	30.5	32.0	33.7	29.0	31.1	26.9	25.4	25.9
24	---	---	---	34.9	31.0	32.6	34.4	29.9	31.7	28.0	25.2	26.4
25	---	---	---	35.0	31.5	32.9	34.7	30.6	32.2	28.0	26.2	27.1
26	---	---	---	32.6	30.2	31.1	34.1	31.2	32.2	27.7	25.7	26.6
27	---	---	---	32.5	29.6	30.8	32.4	31.2	31.7	27.2	24.6	25.8
28	---	---	---	32.9	29.5	31.0	32.0	30.5	31.0	28.3	25.3	26.8
29	---	---	---	33.5	30.2	31.6	30.8	29.3	30.0	28.1	25.7	26.9
30	---	---	---	32.1	30.7	31.3	30.6	28.5	29.4	27.4	25.1	26.5
31	---	---	---	31.3	29.8	30.6	30.9	28.2	29.3	---	---	---

02481000 BILOXI RIVER AT WORTHAM, MS

LOCATION.--Lat 30°33'31", long 89°07'19", in NW1/4 NE1/4 sec.6, T.6 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 above NGVD of 1929 (Mississippi Department of Transportation bench mark). Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Estimated daily discharges: Feb. 5, 14-16, 20-22, Jun. 3-5 and Sept. 9-15, 24-30. 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)
Feb. 24	0930	2,290	10.78	May 2	0730	2,380	11.09
Apr. 26	0730	2,710	12.17	May 11	2100	2,650	11.99
Apr. 30	2300	2,870	12.62	May 13	0545	*3,390	*14.11

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	52	77	137	102	221	40	1740	241	238	15	88
2	30	46	61	100	83	209	32	1830	260	193	16	50
3	26	41	52	86	74	189	27	868	213	e146	26	31
4	24	37	47	78	67	159	24	333	209	e120	17	22
5	22	36	44	72	e79	142	22	197	281	e94	13	16
6	21	36	41	78	819	155	20	136	127	71	11	11
7	21	36	39	81	617	168	23	101	146	152	8.8	8.5
8	339	34	36	68	248	119	27	77	122	205	7.8	6.9
9	142	31	39	168	160	93	27	63	82	493	8.0	e6.3
10	187	28	58	178	130	80	24	53	62	210	143	e6.1
11	636	26	58	109	304	72	22	825	101	597	488	e6.0
12	318	25	50	81	1530	67	26	946	85	418	135	e5.9
13	149	24	61	70	962	65	31	2370	47	147	69	e5.8
14	96	22	122	65	e530	62	37	1560	73	95	38	e5.7
15	74	20	112	61	e400	71	28	1040	355	72	23	e5.6
16	58	20	75	57	e320	89	21	1310	222	58	16	20
17	49	19	60	273	224	87	17	641	107	52	12	29
18	43	23	52	1030	191	67	15	830	69	61	9.2	34
19	40	66	46	429	162	58	13	1190	218	59	7.7	26
20	36	75	41	216	e140	53	12	773	235	45	12	16
21	31	52	37	149	e115	49	11	295	234	35	28	11
22	28	39	35	117	e110	45	11	197	366	28	25	8.7
23	24	33	40	99	1680	41	10	145	301	24	28	7.2
24	22	29	74	88	2060	38	9.5	122	204	21	19	e6.2
25	21	30	109	88	1450	37	75	109	843	18	14	e6.1
26	344	31	70	134	1020	37	2150	92	1180	17	12	e6.0
27	584	69	54	129	577	36	780	78	703	17	15	e5.9
28	257	449	47	89	330	34	198	68	379	19	10	e5.8
29	116	236	106	72	252	34	109	59	356	22	8.8	e5.7
30	78	116	488	78	---	35	2190	52	319	19	208	e5.6
31	63	---	268	115	---	43	---	97	---	16	211	---
TOTAL	3916	1781	2499	4595	14736	2655	6031.5	18197	8140	3762	1654.3	468.0
MEAN	126	59.4	80.6	148	508	85.6	201	587	271	121	53.4	15.6
MAX	636	449	488	1030	2060	221	2190	2370	1180	597	488	88
MIN	21	19	35	57	67	34	9.5	52	47	16	7.7	5.6
CFSM	1.31	0.62	0.84	1.54	5.28	0.89	2.09	6.10	2.82	1.26	0.55	0.16
IN.	1.51	0.69	0.97	1.78	5.70	1.03	2.33	7.04	3.15	1.45	0.64	0.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2004, BY WATER YEAR (WY)

MEAN	80.2	120	215	308	337	328	254	183	116	133	133	167
MAX	606	466	625	1091	986	920	997	1129	587	695	715	768
(WY)	1986	1980	1962	1998	1983	1980	1980	1991	1959	2003	1987	1998
MIN	1.23	4.37	24.1	15.9	40.0	34.1	24.0	4.47	2.84	4.64	7.05	5.35
(WY)	2001	1982	1959	1981	2000	1955	1963	2000	2000	2000	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1953 - 2004	
ANNUAL TOTAL	85425		68434.8			
ANNUAL MEAN	234		187		197	
HIGHEST ANNUAL MEAN					364	1983
LOWEST ANNUAL MEAN					28.7	2000
HIGHEST DAILY MEAN	6200	Jul 1	2370	May 13	9860	May 10 1995
LOWEST DAILY MEAN	10	May 12	5.6	Sep 15	1.1	Oct 19 2000
ANNUAL SEVEN-DAY MINIMUM	11	May 10	5.9	Sep 24	1.1	Oct 24 2000
MAXIMUM PEAK FLOW			3390	May 13	13500	May 9 1995
MAXIMUM PEAK STAGE			14.11	May 13	28.94b	May 9 1995
INSTANTANEOUS LOW FLOW			6.0a	Sep 8	1.1	Oct 21 1963
ANNUAL RUNOFF (CFSM)	2.43		1.94		2.05	
ANNUAL RUNOFF (INCHES)	33.03		26.46		27.85	
10 PERCENT EXCEEDS	576		461		452	
50 PERCENT EXCEEDS	87		67		67	
90 PERCENT EXCEEDS	27		13		8.0	

e Estimated
a May have been lower during period of estimated record.
b To present datum.

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS

LOCATION.--Lat 30°25'09", long 88°49'41", in SW¼ sec.19, T.7 S., R.8 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, at drawbridge on State Highway 609, between Interstate Highway 10 and U.S. Highway 90.

DRAINAGE AREA.--46.3 mi^2.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 2003 to current year.
SPECIFIC CONDUCTANCE: August 2003 to current year.
WATER TEMPERATURE: August 2003 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform. Datum of gage is 10.0 ft above NGVD of 1929. Water-quality monitor since August 2003.

REMARKS.--Gage height records excellent. Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR AUGUST TO SEPTEMBER 2003.--
GAGE HEIGHT: Maximum recorded, 3.69 ft, Sept. 22, but may have been higher during periods of instrument malfunction; minimum recorded, -0.41 ft, Aug. 15, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 20,700 microsiemens, Sept. 21, but may have been higher during periods of instrument malfunction; minimum recorded, 5,240 microsiemens, Sept. 15, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.3 °C, Aug. 19, but may have been higher during periods of instrument malfunction; minimum recorded, 23.2 °C, Sept. 30, but may have been lower during periods of instrument malfunction.

EXTREMES FOR WATER YEAR 2004.--
GAGE HEIGHT: Maximum recorded, 3.85 ft, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -1.74 ft, Mar. 9, 10, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 32,400 microsiemens, Nov. 27, but may have been higher during periods of instrument malfunction; minimum recorded, 90 microsiemens, June 25, 26, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.8 °C, July 25, 26, but may have been higher during periods of instrument malfunction; minimum recorded, 9.7 °C, Dec. 20, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	2.94	1.42	2.14
2	---	---	---	---	---	---	---	---	---	2.79	0.96	1.89
3	---	---	---	---	---	---	---	---	---	2.89	0.93	1.84
4	---	---	---	---	---	---	---	---	---	2.92	0.57	1.73
5	---	---	---	---	---	---	---	---	---	2.73	0.38	1.70
6	---	---	---	---	---	---	---	---	---	3.08	0.65	1.88
7	---	---	---	---	---	---	---	---	---	2.92	0.72	1.82
8	---	---	---	---	---	---	---	---	---	2.75	0.73	1.79
9	---	---	---	---	---	---	---	---	---	2.68	0.83	1.80
10	---	---	---	---	---	---	---	---	---	2.36	1.13	1.67
11	---	---	---	---	---	---	---	---	---	2.17	1.19	1.66
12	---	---	---	---	---	---	---	---	---	2.15	1.46	1.78
13	---	---	---	---	---	---	---	---	---	2.33	1.27	1.86
14	---	---	---	---	---	---	---	---	---	2.31	1.02	1.62
15	---	---	---	---	---	---	1.69	-0.41	0.71	2.21	0.80	1.40
16	---	---	---	---	---	---	1.07	0.31	0.68	2.16	1.16	1.54
17	---	---	---	---	---	---	0.94	0.15	0.57	2.13	0.94	1.54
18	---	---	---	---	---	---	0.98	0.10	0.50	2.27	1.02	1.61
19	---	---	---	---	---	---	1.22	-0.26	0.39	2.34	0.50	1.44
20	---	---	---	---	---	---	1.00	-0.15	0.45	2.03	0.70	1.38
21	---	---	---	---	---	---	1.40	0.01	0.71	2.79	1.10	2.04
22	---	---	---	---	---	---	1.75	0.09	0.94	3.69	0.55	2.03
23	---	---	---	---	---	---	1.96	0.06	1.06	2.41	0.69	1.64
24	---	---	---	---	---	---	1.94	-0.19	0.96	2.67	1.13	1.85
25	---	---	---	---	---	---	1.81	-0.24	0.85	3.02	1.52	2.08
26	---	---	---	---	---	---	1.68	-0.35	0.71	2.59	1.52	2.17
27	---	---	---	---	---	---	2.01	-0.09	0.93	2.50	1.12	1.90
28	---	---	---	---	---	---	2.23	0.19	1.18	2.35	0.17	1.19
29	---	---	---	---	---	---	2.64	1.39	2.16	1.99	0.48	1.24
30	---	---	---	---	---	---	2.51	1.75	2.10	2.20	0.56	1.38
31	---	---	---	---	---	---	2.61	1.97	2.32	---	---	---

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.49	0.57	1.44	2.57	0.52	1.40	1.00	0.15	0.58	1.67	0.26	0.93
2	2.06	0.22	1.15	2.01	0.75	1.39	1.02	0.07	0.54	1.87	0.10	0.95
3	2.53	0.60	1.54	1.72	0.88	1.36	1.96	0.71	1.30	2.05	-0.02	1.00
4	2.46	0.60	1.59	2.80	1.55	2.13	2.00	0.64	1.34	2.31	0.13	1.22
5	2.23	0.43	1.41	2.69	1.52	2.00	1.29	0.12	0.63	1.77	-0.14	0.81
6	2.22	0.72	1.53	1.94	1.02	1.45	1.04	-0.88	0.19	1.37	-1.40	0.05
7	2.27	1.05	1.64	1.86	0.42	1.26	1.72	-0.74	0.43	1.75	-1.09	0.35
8	1.98	1.01	1.52	1.91	0.20	1.15	2.32	-0.51	0.84	2.78	-0.61	0.75
9	2.17	1.45	1.76	2.21	0.15	1.08	3.11	0.07	1.52	2.71	-0.54	0.68
10	2.52	1.34	2.01	2.35	0.32	1.33	2.83	-1.12	0.53	1.55	-0.93	0.25
11	2.63	1.41	2.08	2.69	0.29	1.39	1.83	-0.65	0.55	1.58	-0.37	0.48
12	2.62	1.11	1.83	2.61	0.39	1.39	2.39	-0.28	0.90	1.28	-0.24	0.53
13	2.54	0.93	1.75	2.59	-0.51	0.83	2.39	0.80	1.51	1.18	0.04	0.66
14	2.52	0.52	1.20	2.42	0.49	1.28	2.00	-0.24	0.80	1.21	0.27	0.70
15	1.80	0.50	1.15	2.56	0.37	1.44	1.95	0.16	1.01	1.25	0.17	0.58
16	2.00	0.54	1.18	2.65	0.61	1.67	2.01	-0.54	0.91	1.93	-0.17	0.94
17	2.31	0.55	1.29	2.60	0.81	1.70	0.75	-0.69	0.10	3.03	0.28	1.45
18	1.93	0.67	1.27	3.00	0.97	2.30	0.83	-0.29	0.20	2.57	0.03	1.33
19	2.26	0.67	1.47	2.58	-0.38	0.58	0.85	-1.03	-0.12	1.61	-1.59	0.13
20	2.19	0.66	1.46	1.45	0.30	0.86	1.37	-0.91	0.27	1.80	-1.09	0.34
21	1.85	0.78	1.33	1.84	0.18	0.99	2.09	-0.97	0.58	1.99	-1.11	0.37
22	1.27	0.71	0.97	2.54	-0.13	1.19	2.47	-0.69	0.83	1.75	-1.16	0.32
23	1.96	0.74	1.34	2.93	0.15	1.56	2.10	-0.24	1.00	1.73	-0.86	0.44
24	2.00	0.70	1.39	2.72	-1.19	0.63	2.05	-0.99	0.34	2.16	-0.48	0.65
25	2.66	0.33	1.46	2.76	-0.35	1.11	1.96	-0.67	0.60	2.22	0.47	1.31
26	2.52	0.19	1.50	3.16	-0.45	1.20	1.93	-0.65	0.56	1.79	0.73	1.23
27	2.86	-0.20	1.27	3.36	0.15	1.59	1.97	-0.31	0.88	1.40	-0.94	0.07
28	3.07	0.21	1.50	3.43	-1.63	0.22	2.13	0.33	1.19	0.91	-1.04	-0.04
29	2.99	0.09	1.46	1.19	-0.53	0.28	2.21	-0.05	1.35	1.22	-0.38	0.44
30	3.00	0.23	1.51	1.15	-0.41	0.43	1.63	-0.18	0.89	1.47	-0.05	0.70
31	2.80	0.50	1.51	---	---	---	1.56	0.62	1.01	2.14	-0.30	1.01
		FEBRUARY			MARCH			APRIL			MAY	
1	2.53	0.47	1.58	2.35	0.40	1.43	1.19	-0.15	0.57	1.97	0.56	1.31
2	2.16	0.43	1.34	2.00	0.22	1.18	1.07	-0.88	0.29	1.78	-0.14	0.84
3	1.47	-1.31	0.22	2.08	0.02	1.11	0.79	-0.42	0.30	1.72	-0.60	0.69
4	2.80	-0.53	0.77	2.46	0.41	1.43	0.79	-0.20	0.34	1.92	-0.44	0.80
5	2.58	0.46	1.45	2.44	0.19	1.40	1.38	-0.05	0.59	1.83	-0.71	0.72
6	2.51	-0.20	0.78	2.25	0.11	1.05	1.50	0.12	0.73	2.24	-0.55	0.87
7	1.10	-0.94	-0.23	1.56	-0.24	0.34	1.79	0.01	0.96	2.29	-0.77	0.85
8	1.09	-1.00	0.05	0.51	-0.45	-0.07	2.12	-0.44	0.96	2.43	-0.78	0.91
9	1.19	-0.42	0.53	0.63	-1.74	-0.10	2.35	-0.46	1.00	2.59	-0.45	1.23
10	1.19	-0.05	0.56	1.38	-1.74	0.14	2.14	-0.40	0.92	2.92	0.09	1.51
11	1.61	0.37	1.03	1.15	-0.61	0.24	3.49	-0.22	1.17	2.76	0.68	1.61
12	1.05	-0.20	0.53	1.73	-0.64	0.48	2.31	0.15	1.25	2.61	0.89	1.81
13	1.50	-0.32	0.51	2.25	-0.70	0.78	0.63	-1.55	-0.46	2.44	0.80	1.78
14	2.48	-0.33	1.18	2.24	-0.53	0.91	0.44	-1.28	-0.37	2.43	1.76	2.08
15	0.67	-1.42	-0.34	2.25	-0.42	0.99	0.60	-1.00	-0.03	2.39	1.00	1.86
16	1.47	-1.11	0.20	1.96	-0.30	0.88	0.90	-0.45	0.24	2.32	0.87	1.65
17	1.33	-1.19	0.23	1.67	-0.53	0.79	0.85	-0.07	0.30	2.36	0.86	1.74
18	1.07	-1.69	-0.18	1.81	-0.16	0.80	0.86	-0.02	0.48	2.73	0.34	1.57
19	1.81	-1.23	0.21	1.54	-0.07	0.71	1.39	-0.16	0.72	2.50	0.29	1.55
20	1.98	-0.37	0.91	1.50	0.22	0.74	1.57	0.10	0.83	2.45	0.10	1.40
21	1.81	-0.81	0.61	1.19	-0.03	0.38	2.09	0.52	1.42	2.38	0.23	1.31
22	1.71	0.25	0.86	1.22	-0.32	0.35	2.32	0.28	1.40	2.71	0.31	1.58
23	3.04	0.26	1.26	1.80	0.14	0.95	2.18	0.13	1.15	2.87	0.65	1.82
24	3.02	0.72	1.52	2.03	0.51	1.08	2.32	0.17	1.22	2.51	0.70	1.64
25	2.80	0.89	1.58	2.22	0.05	1.19	2.42	0.20	1.26	2.27	0.64	1.40
26	1.74	-0.05	1.06	2.19	0.03	1.01	1.49	0.11	0.87	1.86	0.34	1.23
27	1.11	-0.43	0.29	2.14	0.03	1.07	1.71	-0.43	0.48	1.63	0.57	1.25
28	1.52	-0.59	0.50	2.03	0.28	1.06	2.05	-0.39	1.03	1.70	0.37	1.17
29	2.11	-0.21	1.06	1.88	0.07	0.99	2.92	0.41	1.49	1.73	0.66	1.20
30	---	---	---	2.00	-0.50	0.83	1.99	0.75	1.42	2.25	1.17	1.67
31	---	---	---	1.02	-0.40	0.31	---	---	---	1.93	-0.03	1.29

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.60	-0.06	1.46	2.86	-0.42	1.33	2.57	-0.15	1.22	1.28	0.45	0.95
2	2.76	-0.31	1.26	2.74	-0.54	1.28	2.19	-0.09	0.97	1.60	0.38	1.08
3	2.88	-0.77	1.26	2.80	-0.40	1.37	1.84	0.15	0.90	1.82	0.72	1.32
4	2.40	-0.77	0.95	2.64	-0.05	1.29	1.42	0.34	0.93	1.94	0.55	1.21
5	2.78	-0.74	1.11	2.39	0.02	1.25	0.89	0.37	0.65	1.90	0.06	0.87
6	2.52	-0.61	1.12	1.78	0.06	1.04	1.01	0.17	0.53	1.47	-0.68	0.23
7	2.46	-0.61	1.32	1.72	0.21	1.07	1.80	0.54	1.18	1.00	-0.62	0.21
8	2.32	0.45	1.34	1.47	0.64	1.16	2.40	0.90	1.57	1.47	-0.22	0.62
9	1.85	0.37	1.28	1.89	0.76	1.20	2.30	0.50	1.38	1.63	0.26	0.95
10	1.57	0.95	1.39	1.79	0.58	1.13	2.30	0.10	1.21	1.55	0.01	0.89
11	1.65	0.93	1.33	2.00	0.40	1.17	2.00	0.02	1.13	2.00	0.45	1.23
12	1.73	0.71	1.26	1.55	-0.14	0.77	2.14	-0.40	0.98	2.22	0.93	1.48
13	1.97	0.56	1.32	1.79	0.00	0.93	1.98	-0.37	0.85	2.24	1.01	1.54
14	2.50	0.85	1.79	2.42	-0.01	1.01	2.01	-0.29	0.75	2.36	1.45	1.88
15	3.03	0.68	2.01	1.95	-0.33	0.97	2.01	-0.12	0.80	3.85	2.02	2.98
16	2.90	0.31	1.68	2.32	-0.37	0.91	1.85	-0.05	0.82	3.45	0.93	1.91
17	2.42	0.20	1.44	1.99	-0.36	0.95	1.70	0.23	0.86	2.63	0.20	1.51
18	2.49	-0.13	1.31	1.90	-0.40	0.75	1.45	0.40	0.87	2.52	0.30	1.31
19	2.43	-0.31	1.17	2.11	-0.26	0.92	1.40	0.62	1.04	2.32	0.11	1.34
20	2.40	-0.53	1.00	2.05	-0.20	0.96	1.61	0.61	1.13	2.48	0.67	1.56
21	2.40	-0.11	1.20	1.72	0.19	0.98	1.92	0.32	0.92	2.51	0.73	1.54
22	2.06	-0.03	1.18	1.50	0.37	0.87	1.75	0.12	0.90	2.94	0.89	1.84
23	1.95	0.04	1.18	0.98	0.39	0.76	2.18	-0.07	0.97	3.18	0.68	1.91
24	1.94	0.30	1.24	1.30	0.58	0.83	2.14	-0.26	0.93	2.23	0.43	1.48
25	1.72	0.14	1.08	1.40	0.12	0.72	2.10	-0.46	0.86	2.40	0.36	1.40
26	1.42	0.20	0.93	1.66	-0.15	0.85	2.08	-0.32	0.97	1.80	0.16	0.99
27	1.94	0.07	0.99	2.03	-0.37	0.77	2.25	-0.26	1.08	1.31	0.42	0.80
28	2.31	-0.05	1.15	1.93	-0.59	0.78	2.07	-0.33	1.11	1.35	0.35	0.86
29	2.41	0.04	1.28	2.24	-0.65	0.90	2.13	-0.04	1.09	1.49	0.24	0.91
30	2.48	-0.20	1.25	2.60	-0.10	1.23	2.10	0.06	1.04	2.11	0.10	1.06
31	---	---	---	2.67	-0.15	1.37	1.75	0.44	0.99	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	14600	10500	12400
2	---	---	---	---	---	---	---	---	---	12200	8220	10600
3	---	---	---	---	---	---	---	---	---	9430	7810	8670
4	---	---	---	---	---	---	---	---	---	8590	7330	7810
5	---	---	---	---	---	---	---	---	---	8180	6390	7190
6	---	---	---	---	---	---	---	---	---	10600	6170	7510
7	---	---	---	---	---	---	---	---	---	11300	6730	7490
8	---	---	---	---	---	---	---	---	---	10400	6630	7560
9	---	---	---	---	---	---	---	---	---	9820	6620	7390
10	---	---	---	---	---	---	---	---	---	8210	6850	7410
11	---	---	---	---	---	---	---	---	---	7730	6860	7290
12	---	---	---	---	---	---	---	---	---	7830	6960	7330
13	---	---	---	---	---	---	---	---	---	7910	6360	7310
14	---	---	---	---	---	---	---	---	---	7570	5980	6660
15	---	---	---	---	---	---	18200	10200	13900	8480	5240	6350
16	---	---	---	---	---	---	16400	13500	15200	13400	6540	9290
17	---	---	---	---	---	---	15400	13200	14400	13600	6900	11900
18	---	---	---	---	---	---	13600	11900	13000	12800	10700	12100
19	---	---	---	---	---	---	13500	11000	12000	13000	8240	11000
20	---	---	---	---	---	---	13200	10400	11800	13300	9880	11600
21	---	---	---	---	---	---	13800	10600	12100	20700	11700	15400
22	---	---	---	---	---	---	15100	11100	12900	17600	9760	13600
23	---	---	---	---	---	---	17800	11200	14000	15400	9920	12800
24	---	---	---	---	---	---	15900	11000	13500	16900	11200	13500
25	---	---	---	---	---	---	15000	10900	12900	17600	12200	14200
26	---	---	---	---	---	---	14400	11000	12500	16200	12200	14800
27	---	---	---	---	---	---	15400	11300	12800	16000	11600	14000
28	---	---	---	---	---	---	14400	11900	12900	14200	8930	11300
29	---	---	---	---	---	---	16200	12600	14200	13700	9050	11900
30	---	---	---	---	---	---	14800	11600	13700	15900	9940	12900
31	---	---	---	---	---	---	15300	12000	13800	---	---	---

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16500	10700	13700	24500	20200	21700	23100	17500	19400	23300	20200	21100
2	16900	9920	13400	22800	20500	21800	28800	17900	24600	21900	18800	20100
3	18800	12400	15800	22200	21000	21700	30900	26200	27800	20600	18700	19400
4	19100	13700	16000	26600	22000	23900	28600	26400	27500	19800	17800	18800
5	17000	13400	15300	25000	22800	23600	26600	21100	23900	18900	16800	17800
6	18400	14200	15800	23200	21000	22200	24100	12000	20400	18700	12700	16500
7	19100	15500	16700	25600	20200	22500	25600	17600	22200	20300	14100	17400
8	18600	15400	17000	26600	19200	23100	28300	20900	23800	25700	15400	18600
9	22000	16700	19900	26600	19500	23500	30000	21900	25400	25100	15900	18400
10	21700	17600	19600	27700	21400	24700	28900	12500	22300	20500	14900	17500
11	19300	14600	16800	28000	21800	25000	25300	21100	23000	20300	16300	18300
12	17600	11100	14600	27800	22200	25100	27100	21600	23700	19100	17200	18500
13	17200	10400	14000	27600	11900	23800	27100	23300	24800	20600	18400	19400
14	15900	9670	11800	28900	24200	26400	26300	19600	22100	22300	19600	20700
15	16000	10300	12900	29000	24800	26800	24800	19900	22600	23400	18400	20000
16	15500	11900	14200	29600	25300	27200	24300	19700	22100	30000	17100	24700
17	16700	12300	14000	29400	25800	27300	20100	16100	18200	30200	21700	24600
18	19000	12500	14300	31400	25400	28800	19900	17100	18400	22300	15100	18600
19	22000	13700	18400	29100	23100	25400	19800	15700	17700	16100	6110	10600
20	19800	15600	18000	27800	24700	26300	24900	15700	19800	15000	6410	10200
21	18900	17400	18100	27800	24800	26600	29000	15800	21600	14400	6500	10400
22	18600	16300	17400	30300	24000	26900	29300	18200	23100	14200	6660	10600
23	21300	16600	18000	31400	25000	27700	26300	20400	23500	14300	8210	11500
24	21800	16200	19700	30200	10800	24900	25700	16400	20900	18500	9460	12600
25	25100	15700	20500	31200	24900	27300	25600	18700	22000	19400	12500	15900
26	24500	14600	20800	32200	24800	27800	25500	19100	22100	17400	14900	15800
27	24800	12200	20000	32400	25500	27600	25600	19900	22800	17000	8600	11700
28	25100	17800	21400	27700	10100	17400	26600	22400	24200	15100	8160	11900
29	25000	17800	21300	19900	12100	15600	29900	22300	25500	20300	10900	15800
30	24100	19100	21300	20100	12800	17600	22600	19500	21000	20100	15500	18300
31	24300	19700	21700	---	---	---	24300	20500	22500	24700	12700	19900
		FEBRUARY			MARCH			APRIL			MAY	
1	24900	17600	21200	12100	2430	6590	16800	14900	15900	13200	11900	12500
2	22800	17600	20400	7460	2210	6020	16800	5920	14500	12200	7140	9510
3	20100	7130	16200	7290	1880	5580	16400	14500	15600	8870	5390	6980
4	24600	16600	19100	7750	5200	6450	17000	15200	15800	6630	5120	5690
5	27600	18400	21200	7350	4090	6130	19700	15700	17000	5880	4680	5340
6	27000	17000	19200	6600	3270	5630	19000	17000	17800	10400	4780	5970
7	19400	14800	16000	5670	1830	4750	19300	16600	17700	14100	4790	7440
8	16300	13900	15300	5280	3620	4600	19900	14800	17600	17200	4820	9040
9	16400	14100	15300	5280	340	3960	22900	14600	18500	19100	5770	11100
10	17200	14200	15700	7470	340	5170	22000	15500	18700	18600	7740	12100
11	20800	15800	17800	7710	4600	6080	25300	17000	19300	15700	9800	12600
12	15800	700	5910	10500	4640	6530	22000	17600	19700	14700	10100	12400
13	5900	490	2070	16800	4660	8670	19100	3970	15200	10100	7290	8490
14	15700	590	4690	14700	5520	9750	19700	13300	17900	8460	5700	6740
15	1720	550	863	15100	6680	10900	22300	16600	19600	6690	2880	4980
16	6530	410	2210	12500	8020	10500	22400	17900	20500	4090	1070	2640
17	5700	540	3140	13300	6280	10800	23200	20200	21900	2610	1080	2000
18	7070	550	3750	11800	8940	10700	23600	20500	22000	1910	780	1320
19	10700	1610	5300	12000	9190	10500	24400	20800	22300	1410	840	1200
20	10200	3640	7420	11900	9330	10800	23300	22200	22600	1360	920	1190
21	9730	3250	7160	11300	8700	9800	27100	22200	23500	1390	920	1220
22	9600	5960	7940	12300	8590	10100	28200	22100	24500	3480	1040	1620
23	9930	4260	7320	19200	11100	15400	25500	21800	23700	5390	1190	2380
24	8990	720	2520	18200	13700	15400	26600	22000	23700	3970	1290	2430
25	3000	490	1400	18200	11300	15300	27300	21900	23900	3590	1390	2350
26	760	210	428	19300	11200	15500	21900	19200	20700	2990	1260	2280
27	840	180	355	20100	12000	16100	20000	15000	16900	2780	1750	2400
28	6560	290	2080	19500	15100	16600	16200	11900	14300	3270	1750	2480
29	8140	700	4070	18700	13100	16400	15100	12400	13200	3290	2090	2600
30	---	---	---	18200	8040	15000	14000	12800	13300	4720	2650	3350
31	---	---	---	16300	12900	15300	---	---	---	4080	1880	3240

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5440	1950	3670	4620	240	1530	24100	14800	18400	21900	20000	20900
2	5680	1560	3440	5790	290	1980	20300	14800	17400	22000	20200	21200
3	4320	960	2590	5910	510	2390	19900	15400	17100	22300	19500	21200
4	3220	940	1890	5330	1020	2480	19500	16600	18300	22300	19700	21100
5	5520	950	2260	4890	1200	2700	18800	17300	18000	20800	17100	19100
6	4790	890	2220	3830	1550	2690	20500	16000	17700	19200	15500	17400
7	3870	870	2170	3730	1630	2690	26600	20500	24500	19700	15700	17900
8	3300	1200	2130	4020	2110	3030	26800	24000	25600	20500	17600	19100
9	2690	1250	2050	3840	2090	2640	25600	21100	23500	22600	19000	20700
10	2680	1830	2380	3560	1610	2400	24600	19800	22000	23300	19800	22100
11	2570	1960	2350	5760	1600	2870	22600	18900	20700	25600	21100	23100
12	2310	1640	2050	3520	1350	2280	20400	15600	18900	26200	21200	23500
13	2650	1670	2150	5020	1350	2830	18600	16200	17400	26400	21300	23600
14	4580	1230	2680	7630	1220	2630	18000	16400	16900	26900	23200	24900
15	6420	1080	3530	6660	1310	3430	19300	16300	17000	32100	25500	28200
16	6030	1060	3040	7260	1500	3790	20600	16600	17600	28300	19600	22400
17	5180	1410	2880	10700	2020	5710	21000	17400	18600	23700	15600	20500
18	4280	1210	2700	10500	2770	5760	22700	19200	20500	23700	16100	20400
19	4930	1300	2850	12600	3900	7340	22600	20100	21200	26000	16100	20800
20	4260	1170	2730	13200	4690	8590	21900	19600	20800	27200	18000	22800
21	5880	1830	3080	11900	6820	9610	21000	17800	18700	26100	19700	22800
22	7830	1920	3750	12000	9460	10300	19500	16900	18200	26200	20000	22800
23	5390	2110	3620	13100	10500	11300	22200	16600	18500	27700	20000	24000
24	3080	230	1330	15500	11500	13300	22500	16700	19000	26200	19600	23600
25	320	90	176	15400	11500	13700	22400	16800	19100	25700	20300	23100
26	140	90	109	16100	11500	13700	22700	17400	19600	25000	20000	22500
27	190	120	138	16800	10600	13700	23900	17800	20100	24800	21400	22500
28	1100	150	341	19600	10300	14900	24500	17900	20700	24800	21400	23600
29	1810	180	664	19900	11200	15800	23900	18300	20800	25600	21600	24100
30	3350	200	1100	23900	13900	17600	23700	18800	20900	26900	21100	24400
31	---	---	---	23900	14300	18500	23100	19200	20800	---	---	---

WATER-QUALITY DATA, AUGUST TO SEPTEMBER 2003

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	31.0	29.0	29.8
2	---	---	---	---	---	---	---	---	---	32.1	30.1	30.7
3	---	---	---	---	---	---	---	---	---	31.9	30.6	31.1
4	---	---	---	---	---	---	---	---	---	31.4	30.5	31.0
5	---	---	---	---	---	---	---	---	---	30.5	29.1	29.8
6	---	---	---	---	---	---	---	---	---	29.6	28.1	28.9
7	---	---	---	---	---	---	---	---	---	29.0	27.8	28.5
8	---	---	---	---	---	---	---	---	---	29.0	27.3	28.2
9	---	---	---	---	---	---	---	---	---	28.9	27.7	28.3
10	---	---	---	---	---	---	---	---	---	28.8	27.6	28.2
11	---	---	---	---	---	---	---	---	---	28.8	27.6	28.2
12	---	---	---	---	---	---	---	---	---	28.8	27.5	28.1
13	---	---	---	---	---	---	---	---	---	28.8	27.8	28.2
14	---	---	---	---	---	---	---	---	---	30.1	28.1	28.6
15	---	---	---	---	---	---	30.3	28.5	29.4	29.6	28.1	28.8
16	---	---	---	---	---	---	30.2	29.8	30.0	29.0	27.4	28.0
17	---	---	---	---	---	---	31.0	29.9	30.4	29.1	27.1	28.0
18	---	---	---	---	---	---	32.2	30.6	31.0	29.6	28.0	28.7
19	---	---	---	---	---	---	32.3	30.8	31.4	29.7	28.2	28.6
20	---	---	---	---	---	---	32.3	31.0	31.6	29.2	28.6	28.9
21	---	---	---	---	---	---	31.3	30.3	30.6	28.8	28.2	28.4
22	---	---	---	---	---	---	30.6	29.4	29.8	28.5	27.7	28.0
23	---	---	---	---	---	---	30.3	29.0	29.5	28.3	26.4	27.3
24	---	---	---	---	---	---	31.0	29.1	29.9	28.2	26.1	27.1
25	---	---	---	---	---	---	31.7	29.7	30.6	28.0	26.5	27.3
26	---	---	---	---	---	---	31.9	30.0	30.9	28.0	27.0	27.4
27	---	---	---	---	---	---	32.0	30.2	31.1	28.3	27.5	27.9
28	---	---	---	---	---	---	32.0	30.5	31.2	28.2	26.6	27.1
29	---	---	---	---	---	---	31.5	30.5	30.9	26.9	24.5	25.5
30	---	---	---	---	---	---	31.0	29.7	30.4	24.5	23.2	24.0
31	---	---	---	---	---	---	29.8	29.0	29.5	---	---	---

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.4	23.0	23.6	23.8	22.8	23.2	15.5	14.9	15.1	14.5	13.8	14.0
2	23.7	22.3	23.0	24.4	23.2	23.7	15.4	14.7	15.0	15.7	14.0	14.6
3	23.0	21.2	21.9	24.2	23.4	23.8	15.4	14.9	15.1	17.4	14.4	15.6
4	24.1	22.1	22.8	24.2	23.4	23.7	15.4	15.1	15.3	18.3	15.5	17.1
5	24.9	23.1	23.6	24.5	23.9	24.1	15.4	15.0	15.3	18.2	17.1	17.7
6	25.1	23.9	24.3	25.4	24.0	24.5	15.2	12.4	13.5	17.1	12.8	14.7
7	25.3	24.0	24.6	25.0	23.9	24.4	13.7	11.9	12.9	13.1	11.4	12.2
8	25.9	24.5	25.0	24.2	22.7	23.5	13.8	12.0	12.9	11.9	10.4	11.0
9	25.4	24.5	25.0	23.7	21.4	22.6	13.8	12.9	13.4	11.6	10.4	11.1
10	25.0	24.6	24.7	22.9	21.7	22.4	13.9	13.2	13.6	11.4	10.3	10.9
11	24.6	23.9	24.2	23.8	21.6	22.5	13.3	12.1	12.8	11.3	9.9	10.5
12	24.7	23.5	24.1	24.6	22.2	23.3	13.9	12.0	12.6	11.8	10.7	11.2
13	24.8	23.6	24.3	24.1	20.7	22.5	12.9	12.4	12.7	12.2	11.3	11.7
14	25.1	23.8	24.4	20.7	19.1	19.7	12.5	11.9	12.2	12.7	11.9	12.2
15	24.7	22.9	23.6	20.4	18.6	19.3	12.6	11.4	12.1	13.1	11.9	12.4
16	24.3	22.6	23.5	20.8	19.5	20.0	13.2	12.2	12.5	13.3	12.3	12.8
17	24.2	22.7	23.4	20.8	20.1	20.4	12.5	11.2	11.7	13.6	12.9	13.2
18	24.1	22.4	23.1	20.8	20.4	20.6	11.7	10.7	11.4	14.6	13.0	13.7
19	23.4	22.1	22.7	20.4	18.6	19.5	11.7	10.2	11.3	13.7	12.9	13.3
20	23.7	22.6	22.9	19.1	17.3	18.1	11.6	9.7	11.0	13.0	11.1	12.1
21	24.2	23.2	23.4	19.3	17.6	18.2	12.0	10.0	11.1	12.9	10.9	11.9
22	24.3	23.1	23.6	20.0	18.0	18.9	13.1	11.1	11.8	13.3	11.0	12.1
23	24.1	22.7	23.5	20.6	18.6	19.7	13.1	12.1	12.7	13.6	11.4	12.6
24	24.7	23.4	23.8	20.4	16.8	18.3	13.2	11.7	12.3	13.6	12.2	13.0
25	25.4	23.6	24.5	16.9	15.7	16.2	12.3	11.2	11.7	14.6	13.3	13.8
26	25.6	24.1	24.9	16.4	14.9	15.6	12.8	10.8	11.7	14.7	14.2	14.5
27	25.0	22.1	23.4	16.9	15.6	16.4	13.2	11.2	12.3	14.6	12.5	13.4
28	22.2	21.2	21.6	16.8	14.5	16.1	14.4	12.5	13.2	12.6	9.9	11.2
29	22.4	20.5	21.3	15.1	14.0	14.6	14.4	13.7	13.9	11.6	10.3	11.3
30	23.4	21.2	22.0	15.4	14.0	14.7	14.1	13.4	13.8	11.6	11.2	11.4
31	23.8	22.1	22.8	---	---	---	14.2	13.6	13.9	11.5	10.5	11.0
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	10.5	10.8	16.0	14.1	15.0	21.1	19.3	20.1	24.2	22.4	23.0
2	12.1	10.9	11.3	18.1	15.6	16.7	20.7	19.0	19.9	23.9	22.9	23.4
3	12.6	11.1	11.9	19.5	17.3	18.4	20.8	19.0	19.7	23.4	20.7	22.3
4	12.1	10.6	11.3	20.5	18.6	19.5	21.4	19.3	20.2	23.6	20.2	21.9
5	14.1	11.2	12.6	20.8	19.6	20.3	20.8	18.7	20.0	24.6	21.0	22.5
6	14.7	13.8	14.2	22.0	20.2	21.0	21.1	19.4	20.2	25.3	21.9	23.5
7	14.3	12.6	13.3	21.9	20.5	21.3	21.7	20.2	20.8	26.0	22.6	24.3
8	12.6	11.2	11.7	21.2	19.6	20.1	22.8	20.8	21.7	26.3	23.6	25.2
9	12.7	10.8	11.6	20.1	18.7	19.3	23.4	21.1	22.2	26.4	24.3	25.7
10	12.7	11.9	12.4	19.0	15.7	16.9	24.0	21.7	23.0	26.5	25.1	26.0
11	12.7	12.2	12.4	17.6	15.5	16.5	24.0	22.3	23.1	26.4	25.5	26.0
12	13.1	12.6	13.0	18.0	15.8	17.2	23.6	22.1	22.6	25.9	25.2	25.6
13	12.9	11.6	12.2	18.1	16.4	17.6	22.5	17.9	19.9	26.4	24.8	25.4
14	12.3	11.5	11.9	18.5	17.1	17.9	19.5	17.3	18.6	27.1	25.4	26.1
15	12.0	10.4	11.1	18.6	18.0	18.3	19.9	17.8	18.7	27.0	24.8	25.8
16	11.1	10.3	10.6	20.4	18.4	19.3	21.9	18.8	19.7	25.8	24.5	25.0
17	11.3	10.0	10.7	20.1	18.3	19.3	22.8	20.2	21.4	26.5	25.5	25.9
18	12.7	10.0	11.2	21.7	18.8	20.0	23.4	21.9	22.5	27.1	25.5	26.3
19	13.9	10.7	12.2	23.0	19.9	20.9	23.5	22.6	23.0	28.1	25.9	26.8
20	15.1	12.3	13.7	23.3	20.9	21.9	23.6	22.5	23.1	28.8	26.4	27.5
21	16.4	13.0	14.8	23.1	21.8	22.4	24.0	22.3	22.8	29.5	27.1	28.2
22	15.9	14.1	15.1	22.8	18.9	20.5	24.9	22.9	23.6	29.6	27.3	28.5
23	16.1	13.9	15.0	19.8	17.6	18.5	25.2	23.9	24.5	29.6	27.2	28.3
24	14.4	13.0	13.4	19.3	17.7	18.6	25.9	24.0	25.1	29.4	27.3	28.4
25	14.1	13.1	13.5	20.1	18.4	19.1	25.9	24.9	25.5	29.6	27.8	28.7
26	13.5	13.0	13.3	20.7	18.7	20.0	25.6	24.4	25.0	29.4	27.4	28.3
27	13.4	12.1	12.8	21.6	19.6	20.8	25.4	---	24.4	29.0	27.1	27.8
28	13.5	11.9	13.0	22.3	20.8	21.6	25.3	22.3	23.4	28.7	27.4	28.2
29	14.3	13.0	13.7	22.8	21.5	22.2	24.2	22.4	23.0	29.4	27.9	28.5
30	---	---	---	23.5	21.7	22.6	23.1	22.2	22.7	29.4	28.3	28.9
31	---	---	---	22.2	20.9	21.7	---	---	---	29.4	28.4	28.8

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.7	27.7	28.2	29.7	28.1	28.9	31.1	29.5	30.4	29.6	28.4	29.1
2	28.4	27.0	27.8	29.5	28.3	28.9	31.4	29.4	30.4	30.3	29.3	29.7
3	28.4	26.9	27.6	30.3	27.9	29.0	31.5	29.7	30.6	30.5	29.7	30.0
4	29.1	26.8	27.9	31.4	28.6	30.0	31.3	30.3	30.6	30.8	29.6	30.0
5	29.4	27.0	28.2	32.0	29.4	30.7	31.3	30.6	31.1	30.7	29.4	30.0
6	29.4	27.2	28.2	32.0	30.2	31.0	31.6	30.6	31.1	30.5	29.2	29.7
7	29.3	26.9	28.1	32.0	30.2	31.0	31.6	29.4	30.0	30.2	28.6	29.4
8	29.9	28.3	29.0	31.7	30.4	30.7	30.2	29.1	29.7	30.2	28.3	29.1
9	29.9	28.6	29.2	31.5	30.0	30.9	30.6	29.0	29.7	30.0	28.7	29.3
10	29.7	29.0	29.4	31.5	30.7	31.1	31.1	29.6	30.2	30.4	29.1	29.7
11	30.8	29.4	29.8	32.4	31.1	31.5	31.1	29.3	30.2	30.2	28.5	29.4
12	31.4	30.2	30.6	32.2	31.2	31.8	30.8	29.0	30.0	29.7	28.2	29.1
13	31.6	30.8	31.1	32.0	30.4	31.2	29.9	27.0	28.4	29.2	28.3	28.8
14	31.0	29.9	30.5	31.0	29.8	30.3	28.6	25.1	27.0	28.8	27.7	28.2
15	30.8	29.3	30.1	31.4	29.9	30.6	28.0	24.6	26.3	28.4	25.9	27.3
16	31.7	29.2	30.4	31.1	30.0	30.5	27.8	24.5	26.1	26.5	25.7	26.0
17	32.4	29.6	30.8	30.5	29.1	29.8	27.9	25.3	26.6	28.4	26.1	27.0
18	32.3	30.4	31.4	30.7	28.7	29.8	27.5	26.7	27.1	29.4	26.9	28.1
19	31.9	30.0	30.9	30.9	28.7	29.8	28.8	27.4	27.9	28.8	26.7	27.7
20	31.6	29.0	30.3	31.0	28.8	29.9	29.9	28.2	28.9	28.1	26.8	27.6
21	31.4	29.5	30.5	30.8	29.4	30.0	30.0	28.5	29.2	27.9	26.7	27.3
22	31.4	29.4	30.0	30.8	29.8	30.3	30.9	29.0	29.6	27.5	26.0	26.7
23	30.4	28.7	29.5	31.0	30.3	30.8	31.7	29.6	30.2	26.8	25.8	26.3
24	30.1	26.6	29.1	32.0	30.9	31.5	32.0	30.5	30.9	27.6	25.9	26.5
25	26.7	25.4	25.8	32.8	31.8	32.2	32.5	30.9	31.6	27.7	26.0	26.8
26	26.7	25.7	26.1	32.8	31.0	31.7	32.7	31.2	31.8	27.4	25.4	26.5
27	27.7	26.5	27.0	31.5	30.1	30.7	32.2	31.0	31.6	27.1	24.9	26.0
28	28.3	27.0	27.7	31.8	29.6	30.6	31.8	30.4	31.1	27.0	25.7	26.3
29	28.1	27.2	27.7	32.2	30.1	31.1	31.4	29.7	30.3	27.4	26.2	26.5
30	29.2	27.2	28.2	31.9	30.6	31.1	30.4	28.8	29.7	27.9	26.0	27.0
31	---	---	---	31.3	30.1	30.7	30.1	28.4	29.2	---	---	---

302318088512600 BILOXI BAY AT POINT CADET HARBOR AT BILOXI, MS

LOCATION.--Lat 30°23'18", long 88°51'26", in SE¼ SW¼ sec.34, T.7 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on the end of the east seawall of the Biloxi Small Craft Harbor.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 2000 to current year.
WATER TEMPERATURE: June 2000 to current year.

INSTRUMENTATION.--Water-quality monitor since June 2000.

REMARKS.--Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 48,800 microsiemens, Aug. 5, 6, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 124 microsiemens, July 2, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.4 °C, Jul. 24, 2004, but may have been higher during periods of instrument malfunction; minimum recorded, 4.8 °C, Jan. 4, 2001, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 40,400 microsiemens, Nov. 7, 8, but may have been higher during periods of instrument malfunction; minimum recorded, 1,000 microsiemens, May 14, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.4 °C, July 24, but may have been higher during periods of instrument malfunction; minimum recorded, 8.9 °C, Jan. 11, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30000	21000	26200	36700	27300	32200	38300	36100	37500	27000	22200	24500
2	29600	20700	25500	36600	28200	34300	37900	22800	35000	25000	21400	23000
3	31500	22500	28100	37000	32000	36000	37800	27400	35500	24300	22600	23600
4	32100	28900	30900	35800	30500	33700	38500	35600	37400	25300	23600	24400
5	32200	27900	31200	36600	33600	35300	36900	30200	34200	25200	23400	24000
6	33000	25400	31600	37000	35100	35800	38200	28100	35400	37500	20100	27000
7	33900	26200	31400	40400	27400	35900	38300	28800	36000	37600	21600	29300
8	34200	26500	32700	40400	28900	35900	38300	28500	35100	37600	23300	29200
9	36200	31700	34500	38900	30400	34600	34700	29500	32500	37000	24700	30600
10	34300	27100	29100	39400	31400	35900	35900	26100	31800	35800	21300	28700
11	31300	26800	29600	39500	30900	36000	---	---	---	36200	23600	29500
12	---	---	---	40100	33800	37100	---	---	---	36500	24900	31300
13	---	---	---	40300	30300	35500	---	---	---	36600	25100	32800
14	---	---	---	39900	33200	36800	---	---	---	36100	32100	34400
15	---	---	---	38900	33200	36900	---	---	---	36800	32800	35700
16	---	---	---	39600	35600	38300	---	---	---	37400	25500	33800
17	---	---	---	39200	33500	36900	31700	---	---	36500	29600	32700
18	---	---	---	38800	33900	36700	33500	31000	31900	34200	27000	31700
19	---	---	---	38600	31000	35400	32100	26300	29100	31200	17800	25500
20	---	---	---	39300	36400	38500	31600	26900	29400	34800	17600	26700
21	---	---	---	39300	36300	38300	30900	25900	28900	35800	16600	28600
22	---	---	---	38700	31100	34600	33800	28200	30500	35800	17400	29800
23	---	---	---	38100	31300	34700	33300	29900	31600	36700	18000	31400
24	36000	---	---	38100	28500	34200	35100	27100	30500	36600	19500	29600
25	35700	28000	30700	38000	30300	34600	35000	27700	30100	32200	27900	30300
26	34700	28000	31400	38000	30300	34500	34300	26800	29900	31700	27200	29700
27	35500	25400	31200	37400	32200	34500	34500	28000	31200	33600	21100	28700
28	35500	24700	30900	34700	24700	30700	32500	30100	31400	35000	20000	32300
29	35500	25500	31600	36900	27500	34400	32600	30800	32300	35900	22600	33000
30	35600	25900	30000	37200	32600	36500	31000	28600	29700	36200	24300	34000
31	33500	26500	30200	---	---	---	29600	25900	27200	36400	22300	31700

302318088512600 BILOXI BAY AT POINT CADET HARBOR AT BILOXI, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

	FEBRUARY			MARCH			APRIL			MAY		
1	37200	27200	32000	17100	11600	14400	30900	24200	29800	26400	13600	22100
2	33800	26200	30300	13800	8420	11600	30900	19500	27900	28300	10800	17600
3	33800	19900	28400	9970	8200	9290	30700	22200	28500	31600	12500	27500
4	33800	23700	28600	9300	7440	8370	30000	24900	28900	32300	13400	28000
5	31700	25400	29100	11100	7170	8180	31900	22200	28100	31100	15500	28400
6	32600	24500	29300	8370	6810	7430	31600	24200	28900	31000	15300	26900
7	34800	21200	31500	11900	5770	7890	31000	24300	27900	30000	15300	26200
8	34900	19200	27800	22400	5170	14700	31200	23200	28600	30200	13600	25200
9	30700	20200	25700	24300	8350	20300	33600	23200	29800	31000	14900	25700
10	32700	22800	29400	26400	8350	19300	33800	23200	29400	27900	17000	23600
11	32200	22200	28300	27700	16900	22900	34500	23200	28000	24900	19400	22500
12	25800	11000	19300	29300	17700	26400	33600	25600	30100	22300	14600	19700
13	32600	10200	24200	26100	16000	21800	36000	20800	29300	18900	6140	13300
14	33700	11400	27600	26500	17200	22200	35900	30600	34900	7550	1000	2950
15	32200	9380	22200	28100	15700	22400	35600	25800	33200	27500	1170	5220
16	32300	10100	28300	26600	18200	23700	35400	33300	34700	29000	2960	17800
17	29000	12100	22200	31400	15600	25900	34400	28600	31600	11900	1940	5940
18	30000	9720	21700	30900	20200	29200	32800	28900	31100	23300	1940	10800
19	29700	13400	25000	29700	21900	27300	32400	27900	30500	24100	2940	16500
20	18600	15900	17200	29200	26200	28300	31900	28400	30400	19200	3160	14700
21	34400	11600	21700	29100	24400	26600	31100	27800	30500	19300	7850	16600
22	34400	15500	22500	32200	17500	24000	31900	27100	30100	20800	12200	19000
23	20700	14300	16800	33100	22600	28400	31900	27100	29900	19900	10300	18000
24	21400	10100	15300	28700	24700	27600	30800	26900	29400	19000	9350	17400
25	24100	7190	16500	29500	23500	27600	32300	26900	30000	19300	16800	18300
26	26200	15900	23400	26900	22900	25900	31600	23000	27800	17400	12500	16200
27	28800	6820	26200	27900	23900	25800	34900	17100	29100	14800	12100	14100
28	29100	6070	23800	26800	23300	25500	34300	16000	27700	13700	10000	12900
29	23100	12500	17300	29000	23600	26600	28400	17800	23400	13800	12100	13400
30	---	---	---	31000	20700	27100	27400	19600	23900	13700	11900	13200
31	---	---	---	30400	21200	27500	---	---	---	13800	7770	12000

	JUNE			JULY			AUGUST			SEPTEMBER		
1	12400	7390	11100	22600	5330	15800	35100	23700	29800	34800	26400	30400
2	13600	4870	10100	21900	4570	15300	33000	23700	29000	35600	30200	33000
3	13000	3370	10100	22500	4570	16600	32500	24300	28200	35600	26300	30200
4	13300	3370	9370	20400	7700	16700	33000	24500	28800	33100	25500	30000
5	22400	3090	15000	20400	7700	17100	35600	32200	34200	33300	25900	29400
6	23400	5320	17100	20700	11400	18600	35300	25000	30200	34900	29100	31900
7	24600	6870	19000	23900	17500	21000	34300	26600	29500	35800	34800	35600
8	18700	7490	14100	23000	17000	20200	35500	29200	31700	36300	33900	34900
9	18100	8550	15200	20000	12000	15000	33600	28100	30900	35800	32000	34400
10	17200	13900	15600	15300	11000	13200	33200	26500	30900	35800	27300	32500
11	17700	15700	16600	16200	12300	14400	31300	22900	28100	35600	29400	32800
12	21000	17700	19500	17100	13400	15600	29500	18500	24700	35900	31800	32900
13	22500	10500	19600	22900	13600	20600	30600	17000	23800	34400	33000	33900
14	22000	10200	17000	25200	17800	22800	33500	18900	26000	34900	33600	34300
15	17400	9000	14400	25500	19300	24300	34200	19600	26800	35000	32400	34400
16	17400	5940	13100	25700	15000	23400	34700	22800	28900	35700	29300	34000
17	22100	9380	17300	25900	17100	23200	33800	24100	30600	39400	28600	34800
18	20800	6880	17500	25500	17100	23000	34700	31400	33200	39600	25400	34800
19	21200	7620	16600	28000	18100	24300	34700	27900	31700	39400	26700	34400
20	23700	5020	17500	29700	18200	26100	31700	27500	29800	39600	28800	34200
21	26100	12100	22400	29700	23900	27800	32500	27500	30400	37300	30500	34200
22	25900	12000	22200	28000	19100	23600	33700	25800	30600	36300	29200	33300
23	25800	15000	23400	29000	23800	26100	30400	26300	28300	35600	30100	33500
24	23700	10200	17300	29900	26700	28400	33200	24500	29400	35400	29300	33000
25	21900	7800	16400	29200	22300	25600	34100	24100	30600	35400	28600	32500
26	22700	10300	15300	26900	22100	24300	34600	24000	30200	34800	27400	32100
27	23700	3450	16500	32400	22700	27300	34100	24100	29000	36200	32800	34800
28	24800	7270	17400	34400	22400	29100	33800	24300	29400	36700	34700	35900
29	23800	7140	17500	35500	21800	29400	33000	24300	29100	36700	32200	35500
30	23500	7120	17200	35700	23000	29900	32500	26200	29500	36700	28500	33600
31	---	---	---	36000	23700	29700	32500	26400	28800	---	---	---

302318088512600 BILOXI BAY AT POINT CADET HARBOR AT BILOXI, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.3	21.9	22.7	24.2	22.7	23.7	14.6	13.6	14.2	14.2	12.3	13.3
2	22.7	21.0	22.0	24.3	23.6	23.9	14.9	14.2	14.6	15.2	14.1	14.7
3	22.8	20.2	21.0	24.0	23.5	23.8	14.7	13.1	14.3	17.0	14.9	15.9
4	22.3	20.8	21.6	23.9	23.1	23.6	15.2	14.5	14.8	17.8	16.3	17.0
5	23.7	21.8	22.7	24.2	23.7	23.9	15.3	14.4	14.9	17.8	16.1	17.4
6	24.4	22.8	23.4	24.9	24.0	24.4	14.5	12.2	13.0	16.1	12.6	13.9
7	24.6	23.5	23.8	24.9	23.9	24.2	12.5	11.4	12.0	13.3	10.6	11.3
8	24.5	23.8	24.2	24.1	22.5	23.3	12.6	11.6	12.1	11.7	9.8	10.4
9	24.8	24.4	24.6	23.1	21.3	22.2	13.5	12.4	12.9	11.0	10.1	10.6
10	24.6	24.0	24.3	22.0	21.2	21.7	13.6	12.7	13.2	10.6	9.6	10.1
11	24.3	23.5	23.8	22.9	21.4	22.0	---	---	---	11.0	8.9	10.1
12	24.0	23.2	23.8	23.8	22.2	22.7	---	---	---	11.5	9.3	10.5
13	24.3	24.0	24.2	23.8	19.9	22.4	---	---	---	11.9	10.3	11.3
14	25.0	24.2	24.5	20.9	18.3	19.8	---	---	---	12.4	11.8	12.0
15	24.2	22.8	23.3	19.4	18.8	19.1	---	---	---	12.9	12.0	12.6
16	23.5	22.0	23.1	20.0	19.2	19.6	---	---	---	13.0	11.8	12.6
17	23.6	22.3	22.9	20.5	19.7	20.1	---	---	---	13.4	12.4	13.0
18	23.2	22.4	22.7	20.8	20.1	20.4	11.2	10.5	10.7	14.0	13.2	13.5
19	22.7	21.7	22.1	20.3	18.3	19.3	10.7	9.9	10.5	13.9	11.8	13.4
20	22.6	21.7	22.2	18.3	17.5	17.9	10.6	9.2	10.1	12.0	10.5	11.4
21	23.3	22.0	22.6	18.3	17.5	18.0	11.2	9.7	10.4	12.0	10.2	11.3
22	23.3	22.5	22.9	19.4	18.2	18.6	12.4	11.0	11.5	12.1	10.6	11.6
23	23.0	22.1	22.6	20.1	18.8	19.4	12.8	12.0	12.4	12.5	11.1	11.9
24	23.6	22.7	23.2	20.1	17.0	18.2	12.5	11.4	12.0	13.3	12.3	12.8
25	24.6	23.3	24.0	17.0	15.1	15.7	11.8	10.6	11.1	14.3	12.9	13.6
26	24.9	24.1	24.5	15.9	14.9	15.4	11.9	10.3	11.2	14.3	14.1	14.2
27	24.5	22.1	23.2	16.6	15.9	16.3	12.7	10.8	12.0	14.2	11.8	13.3
28	22.1	21.0	21.3	16.6	14.3	15.8	13.6	12.2	12.9	12.1	10.8	11.3
29	21.6	20.5	21.1	14.3	12.5	13.8	14.6	13.5	14.0	11.2	9.2	10.6
30	23.4	21.1	22.1	13.9	13.1	13.6	13.8	12.7	13.5	11.0	10.6	10.8
31	23.7	22.0	22.8	---	---	---	13.8	11.5	12.7	11.0	10.6	10.8
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	10.3	10.5	15.5	14.1	14.7	20.3	19.4	19.7	23.5	21.7	22.3
2	11.6	10.4	10.9	17.4	15.3	16.3	19.4	18.2	18.9	23.5	22.6	22.9
3	11.8	10.6	11.3	18.3	17.1	17.7	19.5	18.2	18.9	23.1	21.9	22.5
4	11.7	10.2	10.7	19.3	18.1	18.6	20.6	18.8	19.6	22.8	21.0	21.7
5	13.1	10.9	12.0	20.0	18.4	19.2	20.0	18.8	19.3	22.7	21.1	21.7
6	13.6	13.1	13.4	21.3	19.5	20.3	20.6	18.9	19.4	23.5	22.3	22.9
7	13.3	11.7	12.5	20.6	19.9	20.4	20.6	19.5	20.0	24.3	23.0	23.6
8	11.7	9.8	10.6	19.9	18.4	19.0	22.0	20.2	20.9	25.2	23.7	24.5
9	11.4	9.7	10.4	18.5	17.2	17.9	22.2	21.1	21.6	26.0	24.7	25.2
10	11.5	10.4	11.1	17.3	15.4	16.2	23.2	21.9	22.3	25.9	25.0	25.5
11	12.4	11.4	11.8	16.4	15.5	16.1	23.0	22.2	22.7	25.7	25.0	25.3
12	12.6	11.7	12.3	17.4	16.1	16.7	22.7	21.8	22.2	25.7	24.7	25.1
13	12.2	11.5	11.8	17.7	16.6	17.1	22.0	17.8	19.4	26.4	24.6	25.3
14	11.7	11.3	11.6	17.8	17.0	17.4	18.2	16.5	17.7	26.2	24.1	25.1
15	11.5	10.0	10.5	18.1	17.6	17.8	18.8	17.1	18.1	25.4	23.9	24.8
16	10.5	9.6	10.0	19.5	18.0	18.6	20.1	18.6	19.1	25.4	24.6	25.0
17	11.7	9.6	10.5	19.5	17.6	18.2	22.6	19.8	21.0	26.3	24.6	25.3
18	11.8	9.5	10.8	19.6	18.3	18.8	22.8	21.0	21.9	26.7	25.3	26.1
19	12.6	10.8	11.8	21.4	19.2	20.2	23.8	21.7	22.5	27.0	26.1	26.5
20	15.4	12.6	13.5	22.1	21.0	21.5	23.8	22.4	23.0	27.3	26.5	27.0
21	14.8	13.8	14.1	23.1	21.8	22.3	24.4	22.5	23.1	27.9	27.2	27.5
22	15.8	13.9	14.9	22.0	18.5	19.4	24.2	22.6	23.3	29.3	27.8	28.4
23	15.3	14.0	14.6	18.8	16.7	17.7	24.6	23.5	23.9	28.9	27.3	28.3
24	14.3	13.9	14.2	18.1	16.8	17.4	25.6	23.8	24.5	28.6	27.3	27.8
25	14.2	13.8	14.0	19.1	17.4	18.1	25.0	24.3	24.6	28.8	27.6	28.2
26	14.0	13.6	13.9	20.0	18.3	19.0	24.4	23.9	24.1	28.6	27.4	28.0
27	13.9	12.6	13.5	21.2	19.0	20.0	24.2	22.8	23.6	28.3	26.8	27.5
28	14.0	12.4	13.5	21.9	20.0	20.7	23.8	22.2	23.1	28.3	26.7	27.4
29	14.2	13.0	13.7	22.5	20.9	21.5	22.6	21.5	22.1	29.0	27.3	28.1
30	---	---	---	22.2	21.4	21.8	22.3	22.0	22.1	28.8	28.1	28.4
31	---	---	---	21.7	19.7	21.1	---	---	---	28.6	27.8	28.2

302318088512600 BILOXI BAY AT POINT CADET HARBOR AT BILOXI, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.4	27.7	28.0	29.4	28.2	28.8	30.6	29.8	30.2	29.6	27.6	28.9
2	28.0	26.8	27.4	29.2	28.1	28.9	30.3	29.6	30.1	30.0	29.1	29.5
3	27.4	26.7	27.1	29.6	28.1	28.6	31.2	29.0	30.1	29.7	28.9	29.5
4	28.2	26.4	27.0	30.2	28.8	29.4	31.4	29.2	30.4	30.6	28.8	29.7
5	27.7	26.9	27.2	31.2	29.6	30.3	31.4	30.0	31.0	30.7	29.0	30.1
6	27.6	26.8	27.2	31.1	30.2	30.7	31.6	29.4	30.5	30.0	28.7	29.4
7	27.8	26.6	27.0	31.5	30.3	30.8	29.5	28.1	28.9	29.2	28.3	28.7
8	29.5	27.4	28.3	31.2	30.4	30.9	29.4	28.3	28.8	29.2	27.7	28.5
9	29.5	28.5	28.9	31.4	29.7	30.7	30.0	28.3	29.0	29.4	27.8	28.6
10	30.6	29.2	29.8	32.1	30.4	31.1	30.7	29.1	29.6	29.9	28.7	29.3
11	31.4	30.3	30.7	32.6	30.9	31.4	30.9	29.2	29.7	29.5	28.6	29.1
12	31.6	30.4	30.8	32.3	31.1	31.6	30.4	28.4	29.5	29.2	28.3	28.8
13	31.4	30.4	31.0	31.8	30.3	30.8	29.4	26.3	27.6	29.1	27.8	28.4
14	30.8	29.8	30.3	30.8	29.6	30.1	27.2	25.2	26.3	28.4	27.8	28.1
15	30.1	28.8	29.4	31.2	29.8	30.3	26.0	24.1	25.2	27.9	25.9	27.1
16	30.8	28.7	29.8	30.9	29.8	30.3	26.4	24.6	25.2	25.9	25.1	25.5
17	30.9	29.6	30.0	30.0	29.2	29.5	26.4	24.4	25.7	27.8	25.7	26.4
18	31.3	29.9	30.5	29.6	28.7	29.2	26.9	25.2	26.1	27.8	26.6	27.3
19	30.9	29.7	30.5	29.5	28.7	29.1	28.7	26.2	27.6	27.9	25.9	27.2
20	30.4	29.2	29.7	29.8	28.8	29.3	29.2	27.6	28.1	27.5	25.9	26.8
21	30.0	29.0	29.6	29.8	28.9	29.3	29.6	28.3	28.8	27.0	25.5	26.5
22	29.8	29.2	29.4	31.6	29.2	30.1	31.0	29.1	29.9	26.7	25.7	26.2
23	29.3	28.4	29.0	32.4	29.9	31.0	31.9	29.3	30.3	26.1	25.3	25.8
24	29.2	28.3	28.9	33.4	30.4	31.6	32.7	30.2	31.2	27.0	25.5	26.1
25	28.6	27.9	28.3	32.7	31.0	31.7	32.9	31.0	31.8	26.9	25.9	26.4
26	28.7	27.8	28.3	31.4	30.3	30.9	32.9	31.4	32.0	26.6	25.8	26.2
27	28.9	27.7	28.3	31.6	29.5	30.4	32.4	31.0	31.8	26.1	25.2	25.7
28	28.8	27.8	28.1	30.9	28.8	29.9	31.6	30.5	31.2	25.9	25.5	25.7
29	28.3	27.8	27.9	31.4	29.6	30.5	30.8	29.7	30.3	26.2	25.5	25.9
30	29.6	27.9	28.4	31.3	30.4	30.8	29.9	29.0	29.6	26.2	25.0	25.7
31	---	---	---	31.0	30.2	30.6	29.7	28.0	29.0	---	---	---

302110088464600 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT

LOCATION.--Lat 30°21'10", long 88°46'46", St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, on the USCG Biloxi East Channel Range Front Light platform, near Ocean Springs in Biloxi Bay.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF RECORD.--Water years 1999 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: November 1998 to current year.
SPECIFIC CONDUCTANCE: November 1998 to current year.
WATER TEMPERATURE: November 1998 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform since November 1998. Datum of gage is NGVD of 1929. Water-quality monitor since November 1998.

REMARKS.--Gage height records fair. Specific conductance records fair. Water temperature records good. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 6.21 ft, Sept. 26, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, -2.12 ft, Jan. 20, 2000, Feb. 17, 2001, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 50,000 microsiemens, Aug. 8, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 86 microsiemens, July 2, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.8 °C, Aug. 6, 1999, but may have been higher during periods of instrument malfunction; minimum recorded, 4.2 °C, Jan. 3, 2001, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 4.80 ft, Sept. 15, 16 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -2.04 ft, Nov. 28, Feb. 18, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 46,800 microsiemens, Dec. 31, but may have been higher during periods of instrument malfunction; minimum recorded, 2,920 microsiemens, Mar. 5, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.9 °C, Aug. 24, 25, but may have been higher during periods of instrument malfunction; minimum recorded, 9.2 °C, Feb. 15, but may have been lower during periods of instrument malfunction.

REVISIONS.--All individual gage height values published in WDR MS-02-1 and WDR MS-03-1 have been revisied by -5.09 ft.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	2.18	0.13	1.02	0.55	-0.20	0.19	1.18	-0.12	0.49
2	---	---	---	1.63	0.40	1.02	0.64	-0.18	0.21	1.33	-0.29	0.51
3	---	---	---	1.33	0.60	1.02	1.59	0.36	0.95	1.48	-0.37	0.54
4	---	---	---	2.34	1.19	1.76	1.65	0.44	1.01	1.76	-0.26	0.74
5	---	---	---	2.14	1.15	1.60	0.81	-0.05	0.36	1.05	-0.47	0.40
6	---	---	---	1.44	0.74	1.08	0.64	-1.08	-0.12	0.96	-1.63	-0.24
7	---	---	---	1.50	0.16	0.94	1.32	-1.04	0.07	1.21	-1.41	-0.07
8	---	---	---	1.57	-0.03	0.84	1.89	-0.78	0.48	2.27	-0.94	0.32
9	---	---	---	1.80	-0.09	0.75	2.54	-0.20	1.15	2.04	-0.74	0.27
10	---	---	---	1.98	0.09	0.97	2.52	-1.46	0.17	1.07	-1.19	-0.12
11	---	---	---	2.27	0.02	1.02	1.42	-0.83	0.25	1.07	-0.71	0.02
12	---	---	---	2.17	0.06	1.09	2.13	-0.56	0.53	0.74	-0.61	0.09
13	---	---	---	2.11	-0.75	0.52	2.13	0.50	1.15	0.71	-0.26	0.23
14	---	---	---	2.06	0.14	0.95	1.48	-0.48	0.49	0.78	-0.11	0.28
15	---	---	---	2.24	0.11	1.09	1.55	-0.25	0.64	0.81	-0.34	0.18
16	1.69	0.16	0.81	2.27	0.37	1.33	1.53	-0.69	0.52	1.48	-0.54	0.55
17	1.88	0.27	0.94	2.23	0.56	1.36	0.37	-0.69	-0.14	2.41	-0.08	1.01
18	1.58	0.42	0.97	2.71	0.83	1.95	0.38	-0.83	-0.15	2.03	-0.33	0.84
19	1.94	0.40	1.15	1.93	-0.51	0.32	0.49	-1.28	-0.42	1.12	-1.96	-0.31
20	1.85	0.36	1.11	1.06	0.11	0.53	0.97	-1.20	-0.10	1.30	-1.53	-0.11
21	1.51	0.45	1.00	1.43	-0.05	0.64	1.68	-1.27	0.21	1.45	-1.49	-0.08
22	0.92	0.43	0.67	2.14	-0.39	0.83	2.03	-1.03	0.43	1.21	-1.52	-0.15
23	1.50	0.50	0.99	2.49	-0.09	1.20	1.58	-0.58	0.62	1.20	-1.20	-0.03
24	1.57	0.46	1.04	2.21	-1.56	0.32	1.65	-1.29	0.05	1.59	-0.84	0.17
25	2.19	0.09	1.09	2.40	-0.55	0.78	1.51	-0.98	0.19	1.62	0.06	0.84
26	2.12	-0.08	1.07	2.74	-0.73	0.84	1.45	-0.92	0.15	1.34	0.39	0.78
27	2.53	-0.40	0.99	2.97	-0.13	1.18	1.52	-0.60	0.48	0.95	-1.33	-0.30
28	2.66	-0.05	1.17	2.97	-2.04	-0.28	1.64	-0.08	0.77	0.43	-1.33	-0.40
29	2.58	-0.19	1.10	0.79	-0.85	-0.11	1.72	-0.36	0.93	0.77	-0.80	0.02
30	2.50	-0.08	1.07	0.72	-0.73	0.01	1.14	-0.36	0.53	1.05	-0.39	0.33
31	2.38	0.07	1.11	---	---	---	1.04	0.23	0.58	1.75	-0.60	0.69

302110088464600 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.08	0.05	1.19	1.86	0.05	0.97	0.84	-0.41	0.25	---	---	---
2	1.74	0.01	0.91	1.43	-0.18	0.69	0.87	-1.10	-0.01	---	---	---
3	1.02	-1.63	-0.15	1.57	-0.40	0.61	0.38	-0.63	0.00	---	---	---
4	2.32	-0.84	0.41	1.92	-0.03	0.89	0.40	-0.41	0.03	---	---	---
5	2.22	-0.19	0.96	1.90	-0.24	0.91	0.95	-0.27	0.27	---	---	---
6	1.78	-0.38	0.40	1.54	-0.27	0.55	1.02	-0.17	0.38	---	---	---
7	0.58	-1.22	-0.56	1.13	-0.59	-0.09	1.43	-0.24	0.61	1.75	-1.17	0.33
8	0.65	-1.27	-0.34	0.00	-0.79	-0.48	1.73	-0.66	0.63	1.81	-1.13	0.40
9	0.76	-0.75	0.10	0.23	-2.03	-0.54	1.98	-0.64	0.68	1.98	-0.86	0.71
10	0.74	-0.34	0.16	0.79	-1.61	-0.33	1.77	-0.61	0.61	2.36	-0.39	1.01
11	1.34	0.08	0.63	0.57	-0.98	-0.23	3.22	-0.48	0.88	2.25	0.26	1.16
12	0.58	-0.65	0.07	1.15	-1.00	0.04	2.03	-0.35	0.94	---	---	---
13	0.99	-0.71	0.05	1.72	-1.08	0.34	0.21	-1.55	-0.59	---	---	---
14	1.96	-0.76	0.68	1.67	-0.87	0.48	0.13	-1.40	-0.57	---	---	---
15	0.22	-1.85	-0.74	1.79	-0.70	0.58	0.44	-1.19	-0.30	---	---	---
16	0.84	-1.50	-0.29	1.54	-0.59	0.50	0.53	-0.62	-0.06	---	---	---
17	0.85	-1.56	-0.22	1.26	-0.86	0.37	0.53	-0.34	-0.01	---	---	---
18	0.59	-2.04	-0.64	1.28	-0.56	0.34	0.49	-0.31	0.15	---	---	---
19	1.20	-1.59	-0.28	1.03	-0.35	0.29	1.03	-0.32	0.42	---	---	---
20	1.48	-0.74	0.39	0.98	-0.09	0.31	1.08	---	---	---	---	---
21	1.24	-1.08	0.20	0.69	-0.30	0.03	1.79	0.17	1.07	---	---	---
22	1.16	-0.04	0.40	0.77	-0.60	-0.01	2.05	0.05	1.09	---	---	---
23	2.55	-0.29	0.84	1.28	-0.22	0.52	1.86	---	---	---	---	---
24	2.39	0.32	1.04	1.48	0.10	0.64	1.95	---	---	---	---	---
25	2.15	0.60	1.08	1.68	-0.30	0.71	2.09	---	---	---	---	---
26	1.29	-0.46	0.61	1.69	-0.30	0.61	1.24	---	---	---	---	---
27	0.57	-0.98	-0.17	1.59	-0.32	0.67	1.42	---	---	---	---	---
28	0.93	-1.02	0.02	1.59	-0.07	0.68	1.64	---	---	---	---	---
29	1.48	-0.60	0.55	1.47	-0.23	0.63	---	---	---	---	---	---
30	---	---	---	1.45	-0.72	0.48	---	---	---	---	---	---
31	---	---	---	0.71	-0.68	0.03	---	---	---	---	---	---

		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	2.38	-0.73	0.84	2.17	-0.42	0.84	---	0.20	---
2	---	---	---	2.26	-0.85	0.82	1.71	-0.34	0.63	1.22	0.10	0.70
3	---	---	---	2.29	-0.58	0.93	1.45	-0.14	0.57	1.47	0.43	0.92
4	---	---	---	2.09	-0.47	0.79	1.01	0.08	0.58	1.52	0.25	0.83
5	---	---	---	1.86	-0.30	0.78	0.53	0.11	0.33	1.47	-0.18	0.51
6	---	---	---	1.26	-0.31	0.56	0.61	-0.05	0.24	1.04	-0.91	-0.08
7	---	---	---	1.18	-0.08	0.62	1.47	0.35	0.83	0.68	-0.85	-0.07
8	---	---	---	0.94	0.30	0.68	2.04	0.61	1.26	1.10	-0.57	0.26
9	---	---	---	1.28	0.31	0.70	1.94	0.21	1.03	1.24	-0.07	0.58
10	1.15	0.64	0.99	1.29	0.13	0.65	1.91	-0.21	0.85	1.22	-0.22	0.54
11	1.19	0.62	0.94	1.49	-0.03	0.69	1.62	-0.22	0.80	1.58	0.18	0.86
12	1.34	0.38	0.88	1.09	-0.43	0.32	1.74	-0.59	0.65	1.78	0.64	1.12
13	1.55	0.21	0.92	1.29	-0.44	0.45	1.63	-0.65	0.55	1.73	0.69	1.18
14	2.23	0.41	1.39	2.04	-0.46	0.52	1.62	-0.59	0.43	2.06	1.12	1.59
15	2.79	0.27	1.50	1.51	-0.77	0.48	1.61	-0.37	0.49	4.80	1.75	2.91
16	2.43	-0.11	1.20	1.72	-0.76	0.45	1.51	-0.26	0.51	4.80	0.86	1.84
17	2.01	-0.15	1.01	1.46	-0.73	0.48	1.33	-0.03	0.53	2.19	-0.01	1.18
18	2.04	-0.41	0.89	1.39	-0.73	0.30	1.03	0.16	0.54	2.15	0.09	1.00
19	1.96	-0.71	0.75	1.62	-0.62	0.47	0.99	0.33	0.67	2.10	-0.13	1.02
20	1.99	-0.71	0.65	1.48	-0.51	0.51	1.11	0.39	0.72	2.16	0.23	1.21
21	1.89	-0.33	0.81	1.19	-0.18	0.52	1.45	0.07	0.57	2.20	0.44	1.23
22	1.59	-0.33	0.76	1.02	0.05	0.44	1.35	-0.17	0.54	2.58	0.57	1.53
23	1.48	-0.15	0.78	0.55	0.14	0.40	1.70	-0.42	0.55	2.81	0.37	1.59
24	1.35	-0.16	0.75	0.90	0.25	0.48	1.66	-0.65	0.51	1.96	0.19	1.17
25	1.17	-0.16	0.63	0.98	-0.14	0.37	1.65	-0.82	0.45	2.08	0.17	1.11
26	0.97	-0.20	0.52	1.22	-0.25	0.49	1.65	-0.65	0.55	1.56	0.02	0.74
27	1.45	-0.21	0.56	1.64	-0.62	0.44	1.81	-0.56	0.66	1.05	0.22	0.56
28	1.80	-0.35	0.70	1.57	-0.90	0.42	1.65	-0.51	0.70	1.00	0.15	0.59
29	1.94	-0.32	0.80	1.85	-0.93	0.52	1.71	-0.29	0.71	1.17	0.05	0.66
30	1.94	-0.55	0.76	2.20	-0.43	0.86	1.59	-0.22	0.65	1.78	-0.06	0.81
31	---	---	---	2.31	-0.45	1.01	1.28	0.19	0.62	---	---	---

3021100884646OO USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	37300	33700	35800	41100	38700	39800	42900	35000	38800
2	---	---	---	37000	30800	34500	40600	37800	39200	40500	34300	37400
3	---	---	---	34500	32800	33800	39300	33500	36000	42300	33600	38800
4	---	---	---	38100	33000	34800	37700	33600	36100	40500	27900	36200
5	---	---	---	39600	34700	37400	43600	31900	36400	39500	27900	34600
6	---	---	---	39900	34900	38100	39100	31400	35300	40200	28500	34900
7	---	---	---	41200	38200	39800	38700	33500	36600	39800	32800	37500
8	---	---	---	41200	37100	39900	37900	28600	33300	40000	35200	37000
9	---	---	---	41100	36400	38700	38500	30800	34900	45500	34000	36700
10	---	---	---	38000	25300	33000	38500	29900	34100	46400	34100	38900
11	---	---	---	39700	37300	38700	38200	32900	35500	42800	36000	39000
12	---	---	---	40000	38600	39000	40400	36700	38400	39200	31600	36200
13	---	---	---	43400	37800	40200	39600	34500	37100	39900	34600	38000
14	---	---	---	43900	41800	42700	37900	33300	35100	43500	38300	41100
15	---	---	---	44000	41000	42600	38000	32700	36100	45400	38500	42100
16	37700	34300	36200	42800	37500	40900	36800	32000	34800	45100	37300	40500
17	38300	31900	36100	41800	39900	41200	39000	31900	34900	40900	33900	37400
18	35000	32900	33800	41400	38500	40000	40200	32200	36300	38500	34600	36200
19	37800	34000	35800	41500	37300	39100	39900	32500	36200	38800	23600	31400
20	37100	35500	36400	40600	37900	39100	42800	32600	38000	41900	25900	34900
21	35900	31500	34600	41500	38500	40400	43400	37100	40700	41900	29700	37800
22	38200	32800	35600	40700	35500	37900	42300	34700	40000	43100	30600	38000
23	38100	34000	36300	41200	35200	38000	41000	37600	38600	43000	35200	39800
24	36200	35000	35400	41000	32800	36100	45400	33000	37800	40700	34300	37700
25	35300	33000	34100	41800	36000	38700	46100	37000	42800	38100	31000	35100
26	35900	29900	32900	42300	36100	39400	45800	37000	42200	43900	37200	40100
27	38200	31300	34700	41500	35400	38900	44000	40800	42500	38800	26300	32400
28	38800	32800	36400	40900	25100	33800	43700	38100	41100	36700	27800	34000
29	38900	33400	35900	39800	28800	35300	43700	37000	40300	41700	36200	39800
30	37900	31300	34900	39500	33600	37600	45600	36600	40400	39600	35400	37700
31	37200	32100	34700	---	---	---	46800	40400	42700	38600	35800	37400
		FEBRUARY			MARCH			APRIL			MAY	
1	40500	36500	38000	17400	7500	13100	31300	28000	29500	---	---	---
2	38700	33300	37000	14200	9150	12300	31200	26400	28900	---	---	---
3	42800	27800	34800	11400	5900	7430	36000	27500	30500	---	---	---
4	41800	32300	37200	9640	3430	6920	35400	29500	32700	---	---	---
5	39400	30700	35200	7930	2920	5180	35700	29500	32600	---	---	---
6	36000	30700	33600	12300	3590	7530	36100	32200	33400	---	---	---
7	37500	25700	31300	24000	7190	14400	35400	30900	34000	33800	23400	29800
8	37900	29900	34900	27200	18300	21600	36000	29700	32800	34700	23400	29700
9	37300	31300	33600	28700	16000	23300	36700	29600	33700	34900	24800	29700
10	34200	29500	32700	31900	17000	25100	34700	28700	32900	29600	24000	26800
11	34000	31000	32700	29800	19600	25600	36600	29900	32100	32700	22800	28000
12	41300	27900	33200	31200	19600	27700	34800	30000	32500	---	---	---
13	41200	24700	36500	29300	21700	26500	36200	25200	31900	---	---	---
14	39800	27100	32900	28000	19000	23500	37000	29500	33000	---	---	---
15	34300	14500	26900	30400	23300	26400	40700	31500	36000	---	---	---
16	35600	28300	32400	37500	23400	29300	40200	34400	37400	---	---	---
17	32600	14300	27000	37800	27400	34300	37900	35500	36800	---	---	---
18	30300	19800	25500	34700	30500	32800	37100	30400	34500	---	---	---
19	33400	21100	28300	33400	30600	32000	36600	31200	33600	---	---	---
20	31500	18400	23000	33200	29100	31100	35700	32000	33800	---	---	---
21	34200	15600	25200	34000	26100	29500	38700	32800	36600	---	---	---
22	33000	19900	26900	35100	30000	32600	38900	31400	36700	---	---	---
23	22100	13400	18300	36800	31400	35000	40000	33200	37100	---	---	---
24	30500	17400	23900	32000	26100	28700	40400	32600	36800	---	---	---
25	26400	21000	23500	36900	26800	32800	40500	30800	37200	---	---	---
26	29000	18300	24100	32500	26800	30900	38300	29200	35100	---	---	---
27	37700	28200	34800	31000	27400	29100	37600	26200	31500	---	---	---
28	36800	16600	25300	31600	27400	29100	36300	28200	32800	---	---	---
29	25600	11600	17600	29300	26200	27700	34300	30000	32800	---	---	---
30	---	---	---	30900	26200	28200	---	---	---	---	---	---
31	---	---	---	31600	26300	28300	---	---	---	---	---	---

302110088464600 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	26300	14100	20200	32700	29300	31500	37100	35500	36500
2	---	---	---	25300	12800	20500	34000	28300	31300	36700	34400	35400
3	17900	5850	13400	27600	16500	23300	34000	28300	32200	35800	31800	34200
4	32000	6540	18800	25100	13700	19700	35600	30700	33900	35300	33400	34500
5	28800	10100	22600	25000	13700	20700	35000	30500	33300	37800	34200	35700
6	28200	13200	22500	24800	17700	21200	35400	34100	35000	37800	29000	34900
7	27400	13200	21700	28800	21000	25100	37200	34400	35600	37000	29800	32800
8	19900	13600	16400	26300	20500	23600	37400	33800	35800	38100	31000	35200
9	21200	13000	16300	22200	13800	18700	35900	33200	34600	42700	35900	39700
10	23700	13400	18500	18200	11000	16000	35900	30500	33200	42400	38400	40700
11	24900	15100	18200	21400	13200	17400	34400	30000	32500	39900	34300	38100
12	25800	18100	22800	24600	18000	21300	34700	24800	30900	37500	34200	35500
13	26000	22100	24700	28600	18500	24800	37400	29100	34000	40200	34200	37000
14	26600	22200	25000	29300	19200	25200	39700	32400	36700	39200	35900	37600
15	26400	15600	22100	28400	18200	25200	39400	35900	37900	37600	33900	35800
16	22600	17400	20700	27500	22500	25100	38800	35700	38200	38800	31500	35900
17	26300	19600	23100	27200	20500	24100	37300	33900	35800	38400	33200	35800
18	29100	15000	22900	27500	20200	24200	37100	35200	36200	39300	35800	37600
19	28200	15900	23300	35700	20300	30300	35700	34400	35200	38900	35200	37100
20	31300	16700	26700	35100	29200	32400	35500	34200	34900	37500	32000	35300
21	32800	26600	31000	31300	27200	29500	36300	30800	34500	33900	30600	32300
22	31000	23600	27800	33600	26700	29400	36800	34900	35900	36500	31200	33000
23	27500	23000	25500	36200	28100	33300	35300	32700	34100	38000	32400	35800
24	27900	19300	25700	37100	32300	35600	36400	32000	34400	39200	33400	36900
25	24400	18000	22200	36700	32900	35700	35700	33000	34200	36200	33000	34500
26	28300	14300	21900	37400	30800	35400	36700	33400	35300	34500	32300	33200
27	29700	19500	24500	35500	29000	32700	37500	33200	35600	33600	30300	32500
28	31400	22900	27900	37400	26900	32900	35400	32500	33800	37800	32600	36400
29	27400	20600	25200	37600	28200	33800	36500	32200	34100	40000	36800	37900
30	25200	18500	22500	37200	31800	34800	38400	32000	35300	38400	36200	37100
31	---	---	---	34800	31400	33500	39200	34000	37000	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	23.9	22.6	23.1	15.8	14.1	14.9	14.3	12.4	13.5
2	---	---	---	23.9	22.9	23.4	15.8	14.4	15.1	14.8	13.8	14.4
3	---	---	---	24.0	22.7	23.3	15.2	14.5	14.9	15.4	14.4	15.0
4	---	---	---	24.1	23.0	23.6	15.8	14.7	15.1	16.4	15.0	15.8
5	---	---	---	24.7	23.7	24.2	16.1	14.3	15.3	16.9	15.8	16.5
6	---	---	---	24.8	24.0	24.4	14.6	11.7	12.9	15.8	11.8	14.1
7	---	---	---	24.6	23.8	24.2	12.8	11.5	12.2	12.6	10.7	11.6
8	---	---	---	24.1	22.4	23.1	13.5	11.7	12.6	11.8	10.2	10.7
9	---	---	---	22.4	21.0	21.7	13.9	12.7	13.4	12.6	10.3	10.8
10	---	---	---	21.7	20.9	21.4	14.0	12.4	13.2	12.8	9.8	10.7
11	---	---	---	22.2	21.2	21.8	12.4	11.4	11.9	11.1	9.8	10.4
12	---	---	---	23.4	21.9	22.5	13.5	12.0	12.6	11.9	10.2	10.9
13	---	---	---	23.0	20.1	22.2	13.0	12.3	12.7	12.0	10.9	11.4
14	---	---	---	20.1	18.8	19.4	12.6	11.3	11.8	13.0	11.7	12.3
15	---	---	---	19.1	18.3	18.8	12.5	10.9	11.7	13.1	12.2	12.8
16	23.7	22.7	23.1	20.4	18.9	19.5	13.2	12.0	12.4	13.1	12.2	12.8
17	24.0	22.5	23.2	20.5	19.5	20.0	12.3	10.5	11.2	13.1	12.5	12.8
18	23.4	22.1	22.7	21.0	20.2	20.7	11.5	10.0	10.6	14.3	13.0	13.6
19	23.3	21.3	22.3	20.2	17.4	19.0	11.2	9.8	10.7	14.0	12.4	13.4
20	23.6	21.9	22.7	17.8	16.6	17.4	12.1	9.7	11.0	12.7	11.7	12.0
21	23.5	22.5	23.0	18.8	17.6	18.1	12.1	10.3	11.4	12.2	11.1	11.6
22	23.6	22.1	22.9	19.5	18.3	18.9	12.8	11.5	12.1	12.7	11.2	11.9
23	23.6	22.3	22.9	20.0	18.9	19.5	13.2	12.4	12.8	13.0	11.9	12.6
24	24.1	23.0	23.5	19.9	17.0	18.1	13.2	11.8	12.5	13.4	12.6	12.9
25	25.1	23.8	24.4	17.1	15.2	16.0	13.2	11.4	12.5	14.1	13.1	13.6
26	25.1	24.3	24.7	16.7	14.8	15.8	13.1	10.8	12.0	14.5	13.8	14.1
27	24.4	22.0	23.4	16.9	16.0	16.5	12.8	11.8	12.3	14.5	12.0	13.2
28	22.5	21.1	21.8	17.2	14.2	15.7	14.1	12.6	13.4	12.0	9.7	10.8
29	21.9	20.8	21.2	14.2	13.0	13.5	14.7	13.8	14.3	11.4	10.3	10.8
30	22.6	21.0	21.8	15.1	13.2	13.9	14.5	13.4	13.9	11.8	11.0	11.3
31	23.4	22.1	22.7	---	---	---	14.0	11.9	13.1	11.5	10.9	11.2

3021100884646 00 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.6	10.6	11.1	14.7	13.5	14.2	20.2	18.5	19.3	---	---	---
2	12.3	11.0	11.6	15.8	14.4	15.3	19.5	17.9	19.0	---	---	---
3	12.2	11.0	11.8	16.6	15.8	16.3	19.7	18.1	19.0	---	---	---
4	12.1	10.8	11.3	17.3	16.2	16.8	20.9	18.8	19.7	---	---	---
5	13.4	11.4	12.3	18.5	16.9	17.8	20.1	18.3	19.2	---	---	---
6	13.8	13.0	13.4	20.9	18.3	19.3	20.5	18.4	19.5	---	---	---
7	13.5	11.8	12.4	20.0	18.4	19.3	20.8	19.8	20.2	25.3	22.9	24.1
8	11.9	10.5	11.0	18.7	16.9	18.0	22.2	20.3	21.1	26.0	24.5	25.1
9	11.8	10.2	11.0	18.3	16.7	17.6	22.8	20.9	21.8	26.5	24.8	25.6
10	11.9	11.3	11.6	17.4	15.4	16.2	23.6	21.8	22.7	26.5	25.1	25.9
11	12.7	11.8	12.3	17.1	16.2	16.6	23.6	22.1	22.8	25.9	25.2	25.6
12	12.9	12.4	12.7	17.6	15.7	16.7	22.6	21.8	22.3	---	---	---
13	12.4	11.8	12.2	17.9	16.8	17.3	21.8	17.1	19.5	---	---	---
14	12.3	11.5	11.8	18.0	17.2	17.7	19.0	16.0	17.5	---	---	---
15	11.7	9.2	10.6	18.1	17.5	17.8	19.6	17.1	18.4	---	---	---
16	10.8	9.9	10.3	18.6	18.0	18.2	20.6	18.6	19.3	---	---	---
17	10.6	9.4	10.3	19.1	17.3	18.3	22.0	19.7	20.6	---	---	---
18	11.8	9.9	10.9	19.7	18.2	18.9	22.8	21.4	21.9	---	---	---
19	11.9	11.4	11.7	21.4	19.6	20.4	23.8	21.6	22.4	---	---	---
20	12.7	11.5	12.2	23.0	20.8	21.7	23.8	22.5	23.2	---	---	---
21	14.3	12.4	13.4	22.4	20.6	21.8	23.7	22.0	22.9	---	---	---
22	14.8	13.4	14.0	20.6	18.0	18.9	23.9	22.1	22.9	---	---	---
23	14.8	12.8	13.8	18.0	16.2	17.1	24.1	23.4	23.7	---	---	---
24	13.8	13.1	13.5	17.8	15.9	17.0	24.9	23.5	24.2	---	---	---
25	14.1	13.5	13.7	19.2	17.6	18.3	25.0	24.2	24.6	---	---	---
26	14.0	13.4	13.8	20.2	18.8	19.4	24.6	23.9	24.1	---	---	---
27	14.4	13.4	14.1	20.9	19.6	20.3	24.1	22.8	23.5	---	---	---
28	14.3	12.5	13.5	21.4	20.2	20.9	23.8	22.4	23.0	---	---	---
29	13.9	12.7	13.5	22.4	20.8	21.8	22.8	21.8	22.4	---	---	---
30	---	---	---	22.8	21.2	22.0	---	---	---	---	---	---
31	---	---	---	21.9	20.2	21.2	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.9	28.7	29.2	30.9	30.4	30.6	29.9	28.6	29.0
2	---	---	---	29.5	28.5	29.1	30.8	29.8	30.3	30.3	29.2	29.7
3	27.3	26.4	26.8	30.3	28.3	29.1	30.7	29.9	30.2	30.5	29.4	30.0
4	27.8	26.4	27.0	31.0	29.7	30.1	31.4	30.2	30.6	30.9	29.4	30.0
5	28.3	26.5	27.4	31.3	29.7	30.5	31.7	30.3	30.9	30.3	29.2	29.7
6	28.5	27.2	27.6	31.4	30.0	30.6	31.4	29.8	30.4	29.9	28.7	29.1
7	29.0	26.6	27.5	31.6	30.3	30.8	29.9	27.9	28.8	29.1	27.7	28.4
8	29.5	27.6	28.6	31.7	30.0	30.7	29.6	28.4	29.0	29.3	27.4	28.3
9	30.1	28.0	29.1	31.2	29.2	30.3	29.8	28.3	28.8	29.8	27.9	28.8
10	30.3	28.8	29.4	31.0	29.3	30.1	30.3	28.6	29.4	29.6	28.6	29.1
11	31.0	29.3	30.0	31.7	30.3	30.8	30.5	28.8	29.6	29.6	28.7	29.2
12	31.2	29.7	30.3	31.6	30.6	30.9	30.1	29.0	29.6	29.4	28.4	28.8
13	31.9	29.8	30.4	31.1	30.1	30.4	29.0	27.3	27.8	28.9	27.9	28.4
14	30.7	29.0	29.8	30.4	29.4	29.8	27.3	25.4	26.1	28.7	27.7	28.1
15	29.9	28.4	29.0	31.3	29.5	30.2	26.3	24.2	25.2	28.0	25.9	26.9
16	30.8	28.7	29.4	30.6	29.3	29.9	25.8	24.5	25.1	26.3	24.6	25.7
17	30.4	29.0	29.5	29.8	29.0	29.4	26.9	25.4	25.9	27.4	25.8	26.5
18	31.6	29.4	30.5	30.0	28.6	29.3	27.2	25.8	26.3	28.2	26.9	27.4
19	31.2	30.4	30.8	29.7	28.0	28.7	29.1	26.7	27.3	28.0	26.3	27.1
20	30.4	29.2	29.7	30.5	28.2	29.1	29.6	28.4	29.0	27.1	26.3	26.7
21	31.0	29.3	30.0	30.6	29.3	29.9	29.4	28.4	28.9	27.1	25.6	26.3
22	30.6	29.4	29.9	31.2	29.5	29.9	29.5	28.8	29.1	26.1	25.3	25.7
23	29.8	28.8	29.4	31.0	30.0	30.4	31.4	29.5	30.0	25.6	24.9	25.2
24	29.6	28.8	29.1	31.7	30.4	30.9	32.9	30.0	30.9	26.8	24.9	25.4
25	28.8	28.0	28.4	31.7	30.9	31.2	32.9	30.4	31.3	26.8	25.6	26.1
26	28.9	27.8	28.3	31.7	30.3	30.7	32.8	30.8	31.6	26.2	25.6	25.9
27	28.5	27.8	28.3	30.6	29.3	30.1	31.9	30.8	31.3	26.2	24.8	25.5
28	29.1	27.9	28.2	30.9	29.0	30.0	31.4	30.4	30.9	26.7	25.3	26.0
29	28.8	27.6	28.2	31.5	29.6	30.4	30.7	29.9	30.3	26.6	25.8	26.2
30	30.0	27.8	28.6	31.4	30.2	30.7	30.2	29.2	29.8	26.8	25.6	26.2
31	---	---	---	31.3	30.5	30.8	29.5	28.7	29.1	---	---	---

02481510 WOLF RIVER NEAR LANDON, MS

LOCATION.--Lat 30°29'01", long 89°16'28", in NE1/4 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 11.1 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 NGVD of 1929. Prior to Oct. 18, 1978, at datum 7.00 ft higher. Oct. 18, 1978 to Oct. 15, 1990, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Mar. 30 - Apr. 1, Jul. 19-23, 26-27, Aug. 14-16, 29-31, and Sept. 1-3. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Feb. 24	0800	5,640	16.07	May 16	0930	6,770	17.45
Apr. 26	0930	5,240	15.55	May 18	2130	*9,160	*20.09
May 13	2230	9,150	20.08				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	194	214	330	407	418	711	e165	1850	591	1590	176	e252
2	180	198	271	317	322	891	161	2380	1920	1160	182	e242
3	169	184	242	278	277	823	150	1480	2250	1100	155	e220
4	162	176	223	251	254	605	143	782	2720	1040	128	161
5	158	172	207	233	265	529	140	498	1560	722	114	146
6	155	172	196	344	867	526	132	370	878	619	106	151
7	156	172	182	420	1690	632	134	300	850	565	99	131
8	260	167	173	311	957	497	138	258	809	1110	95	118
9	261	161	173	454	569	391	137	228	786	1020	95	109
10	288	156	184	600	421	331	130	203	570	659	1570	102
11	641	151	199	423	574	298	127	382	440	758	728	99
12	573	149	191	316	2490	279	162	1250	377	565	430	98
13	354	148	203	269	2140	267	210	7610	346	377	300	108
14	270	142	377	246	1580	257	175	7620	400	295	e221	145
15	236	137	402	233	1420	287	149	4410	701	254	e198	127
16	206	134	292	221	942	411	133	5930	926	225	e162	166
17	188	134	245	391	664	422	127	2360	584	292	150	170
18	177	148	215	1170	528	384	121	6170	442	300	140	150
19	168	220	192	1070	451	299	114	6820	423	e236	134	123
20	162	287	179	601	409	259	107	2370	351	e210	131	107
21	157	231	170	402	375	236	102	1280	358	e178	139	97
22	149	188	164	317	340	217	97	868	510	e165	154	93
23	142	168	170	277	1390	206	94	692	414	e154	178	90
24	138	160	337	254	5040	198	92	857	449	137	182	89
25	136	160	399	250	3550	193	186	1020	1480	131	180	87
26	609	160	278	373	3810	188	4630	607	2680	e125	174	86
27	1710	200	226	388	2650	185	3310	452	2210	e119	165	83
28	755	886	201	298	1580	181	1210	382	2370	258	159	81
29	401	967	245	249	941	176	723	340	2210	221	e154	78
30	292	520	914	255	---	e172	2350	314	2090	177	e400	76
31	241	---	697	428	---	e168	---	329	---	151	e350	---
TOTAL	9688	7062	8477	12046	36914	11219	15649	60412	32695	14913	7549	3785
MEAN	313	235	273	389	1273	362	522	1949	1090	481	244	126
MAX	1710	967	914	1170	5040	891	4630	7620	2720	1590	1570	252
MIN	136	134	164	221	254	168	92	203	346	119	95	76
MED	194	170	215	317	867	287	139	857	744	292	162	108
CFSM	1.01	0.76	0.89	1.26	4.13	1.18	1.69	6.33	3.54	1.56	0.79	0.41
IN.	1.17	0.85	1.02	1.45	4.46	1.36	1.89	7.30	3.95	1.80	0.91	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2004, BY WATER YEAR (WY)

MEAN	257	393	627	968	1036	1057	897	656	386	454	386	450
MAX	1231	1202	1511	3291	2489	2424	3008	2641	1259	2192	1778	1676
(WY)	1986	2003	1984	1998	1990	1980	1980	1991	2001	2003	1975	1973
MIN	14.5	41.6	129	122	87.1	130	101	33.1	27.8	22.4	27.0	28.5
(WY)	2001	2000	2000	1981	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1971 - 2004	
ANNUAL TOTAL	254229		220409			
ANNUAL MEAN	697		602		627	
HIGHEST ANNUAL MEAN					943	1980
LOWEST ANNUAL MEAN					73.0	2000
HIGHEST DAILY MEAN	11300	Jul 2	7620	May 14	18700	May 10 1995
LOWEST DAILY MEAN	101	Jun 2	76	Sep 30	11	Jul 15 2000
ANNUAL SEVEN-DAY MINIMUM	135	May 12	83	Sep 24	11	Oct 29 2000
MAXIMUM PEAK FLOW			9160	May 18	24500	May 10 1995
MAXIMUM PEAK STAGE			20.09	May 18	28.85a	May 10 1995
INSTANTANEOUS LOW FLOW			75	Sep 30		
ANNUAL RUNOFF (CFSM)	2.26		1.96		2.04	
ANNUAL RUNOFF (INCHES)	30.71		26.62		27.67	
10 PERCENT EXCEEDS	1450		1440		1450	
50 PERCENT EXCEEDS	337		256		270	
90 PERCENT EXCEEDS	162		129		74	

e Estimated
a To present datum.

301932089193120 BAY-WAVELAND YACHT CLUB AT ST LOUIS BAY, MS

LOCATION.--Lat 30°19'33", long 89°19'31", in sec.20, T.8 S., R.13 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on the pier behind Bay-Waveland Yacht Club.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 2001 to August 2004 (discontinued).
SPECIFIC CONDUCTANCE: August 2001 to August 2004 (discontinued).
WATER TEMPERATURE: August 2001 to August 2004 (discontinued).

INSTRUMENTATION.--Submersible transducer and data-collection platform from August 2001 to September 2004. Datum of gage is NGVD of 1929. Water-quality monitor from August 2001 to August 2004.

REMARKS.--Gage height records fair. Specific conductance records excellent. Water temperature records excellent. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 4.85 ft, Sept. 25, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, -2.12 ft, Feb. 15, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 35,900 microsiemens, Jan. 27, 2003, but may have been higher during periods of instrument malfunction; minimum recorded, 216 microsiemens, Apr. 10, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 34.0 °C, July 20, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, 3.9 °C, Jan. 24, 2003, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 3.16 ft, Apr. 11, but may have been higher during periods of instrument malfunction; minimum recorded, -2.12 ft, Feb. 15, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 34,300 microsiemens, Jan. 18, but may have been higher during periods of instrument malfunction; minimum recorded, 402 microsiemens, May 20, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.1 °C, July 11, 12, 24, but may have been higher during periods of instrument malfunction; minimum recorded, 7.3 °C, Jan. 28, but may have been lower during periods of instrument malfunction.

REVISIONS.--All individual gage height values published in WDR MS-02-1 and WDR MS-03-1 have been revisied by -2.72 ft.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.29	0.61	1.34	2.33	0.41	1.28	0.66	-0.17	0.24	1.29	-0.14	0.55
2	2.04	0.17	1.13	1.80	0.54	1.18	0.90	-0.03	0.36	1.41	-0.24	0.56
3	2.46	0.41	1.38	1.55	0.66	1.13	1.67	0.67	1.09	1.61	-0.42	0.56
4	2.25	0.34	1.34	2.64	1.32	1.99	1.66	0.42	1.03	1.81	-0.42	0.74
5	2.01	0.18	1.14	2.64	1.16	1.61	0.94	-0.11	0.31	1.51	-0.49	0.33
6	1.98	0.49	1.26	1.63	0.46	1.04	0.75	-1.08	-0.12	1.10	-1.38	-0.16
7	2.02	0.84	1.44	1.61	0.27	1.04	1.39	-1.06	0.10	1.43	-0.95	0.19
8	1.70	0.84	1.29	1.73	0.27	1.02	1.94	-0.79	0.48	2.30	-0.69	0.51
9	1.96	1.28	1.62	2.07	0.21	0.99	2.64	-0.14	1.15	2.30	-0.91	0.32
10	2.53	1.46	1.90	2.11	0.45	1.21	2.25	-1.73	-0.13	1.02	-1.05	-0.03
11	2.62	1.65	2.20	2.40	0.15	1.16	1.43	-0.81	0.15	1.18	-0.59	0.15
12	2.43	1.04	1.69	2.40	0.08	1.09	1.97	-0.34	0.65	0.83	-0.61	0.14
13	2.37	0.80	1.54	2.21	-0.57	0.77	2.14	0.62	1.32	0.77	-0.32	0.25
14	2.25	0.07	0.86	2.05	0.27	1.19	1.46	-0.59	0.37	0.76	-0.16	0.26
15	1.58	0.34	0.95	2.22	0.23	1.20	1.46	0.07	0.73	0.90	-0.39	0.16
16	1.61	0.36	0.97	2.37	0.36	1.41	1.55	-0.92	0.41	1.61	-0.49	0.66
17	1.99	0.23	0.97	2.22	0.63	1.48	0.08	-1.07	-0.49	2.41	0.10	1.14
18	1.74	0.42	1.06	2.75	0.83	1.92	0.13	-0.86	-0.43	2.04	-0.29	0.84
19	2.13	0.44	1.28	1.44	-0.87	-0.08	0.35	-1.59	-0.63	0.96	-1.86	-0.37
20	1.95	0.36	1.20	1.01	0.24	0.56	0.96	-1.47	-0.19	1.28	-1.24	-0.01
21	1.51	0.26	0.96	1.56	-0.14	0.69	1.61	-1.16	0.20	1.47	-1.30	0.01
22	0.78	0.10	0.46	2.23	-0.42	0.86	2.00	-0.94	0.43	1.45	-1.30	-0.06
23	1.70	0.36	1.02	2.61	0.01	1.25	1.90	-0.48	0.55	1.25	-1.01	0.05
24	1.70	0.44	1.11	2.52	-1.56	0.16	1.58	-1.31	-0.13	1.62	-0.88	0.22
25	2.40	0.08	1.18	2.37	-0.33	0.89	1.58	-0.65	0.37	1.68	0.25	0.84
26	2.40	0.01	1.16	2.78	-0.23	1.08	1.60	-0.72	0.33	1.33	0.32	0.83
27	2.57	-0.27	1.01	2.91	0.10	1.38	1.59	-0.42	0.58	0.84	-1.27	-0.51
28	2.64	0.08	1.25	2.82	-1.95	-0.30	1.73	0.10	0.92	0.57	-1.32	-0.38
29	2.64	-0.13	1.14	0.64	-0.77	-0.08	1.86	-0.18	0.94	0.90	-0.71	0.08
30	2.55	-0.08	1.23	0.80	-0.77	0.06	1.24	-0.44	0.59	1.23	-0.34	0.40
31	2.50	0.34	1.38	---	---	---	1.24	0.35	0.73	2.00	-0.50	0.87

301932089193120 BAY-WAVELAND YACHT CLUB AT ST LOUIS BAY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.46	0.61	1.59	2.00	0.04	1.14	0.75	-0.24	0.29	1.37	0.45	0.94
2	2.16	0.48	1.25	1.82	-0.25	0.86	0.51	-1.28	-0.07	1.12	-0.34	0.39
3	1.18	-1.46	0.04	1.92	-0.23	0.90	0.40	-0.59	-0.01	1.20	-0.79	0.32
4	2.71	-0.35	0.77	2.27	0.23	1.21	0.42	-0.52	-0.06	1.54	-0.68	0.51
5	2.53	0.21	1.29	2.09	0.00	1.10	1.25	-0.31	0.43	1.39	-0.98	0.31
6	2.24	-0.55	0.40	2.00	-0.27	0.67	1.21	-0.11	0.48	1.85	-0.97	0.45
7	0.78	-1.14	-0.60	1.18	-0.69	-0.04	1.44	-0.27	0.68	1.88	-0.97	0.44
8	0.83	-0.68	-0.08	0.18	-0.84	-0.30	1.52	-0.76	0.44	1.99	-1.07	0.45
9	0.83	-0.42	0.33	0.10	-2.08	-0.65	2.00	-0.80	0.68	2.30	-0.90	0.80
10	0.88	-0.23	0.33	1.23	-2.03	-0.08	1.79	-0.78	0.60	2.65	-0.24	1.20
11	1.54	0.26	0.91	0.87	-1.06	-0.11	3.16	-0.61	0.91	2.38	0.33	1.33
12	0.66	-0.26	0.21	1.42	-1.17	0.06	1.75	-0.39	0.76	2.35	0.55	1.50
13	1.15	-0.53	0.27	2.07	-1.15	0.56	0.09	-2.02	-0.98	2.17	0.62	1.48
14	2.16	-0.42	0.86	1.87	-0.76	0.64	-0.01	-1.78	-0.74	2.17	1.58	1.85
15	0.20	-2.12	-0.88	1.88	-0.59	0.72	0.24	-1.21	-0.34	2.23	0.64	1.55
16	1.08	-1.62	-0.14	1.70	-0.62	0.57	0.60	-0.92	-0.10	1.98	0.59	1.36
17	0.98	-1.46	-0.14	1.37	-0.47	0.57	0.54	-0.46	0.00	2.15	0.61	1.47
18	0.68	-1.69	-0.48	1.49	-0.50	0.47	0.55	-0.22	0.23	2.51	0.14	1.29
19	1.44	-1.59	-0.17	1.19	-0.50	0.37	1.13	-0.42	0.47	2.14	0.00	1.21
20	1.55	-0.82	0.48	1.12	-0.13	0.41	1.23	-0.18	0.52	2.09	-0.20	1.02
21	1.49	-0.90	0.30	0.79	-0.50	0.02	1.86	0.15	1.09	1.96	-0.20	0.89
22	1.35	0.16	0.59	1.20	-0.44	0.29	2.09	0.24	1.18	2.27	-0.18	1.10
23	2.71	0.62	1.23	1.71	0.17	0.94	1.90	0.06	0.98	2.45	0.15	1.31
24	2.48	0.75	1.33	1.95	0.36	1.05	2.18	-0.03	1.06	2.13	0.17	1.14
25	2.10	0.57	1.25	2.09	0.07	1.13	2.21	0.22	1.11	1.77	0.06	0.78
26	1.33	-0.26	0.74	2.05	-0.16	0.87	1.26	-0.01	0.65	1.39	-0.31	0.60
27	0.90	-0.50	0.10	1.98	-0.16	0.91	1.36	-0.52	0.44	1.05	-0.26	0.53
28	1.36	-0.56	0.39	1.79	0.05	0.89	1.80	-0.52	0.81	1.13	-0.44	0.50
29	2.17	-0.31	0.94	1.59	-0.22	0.67	2.78	0.24	1.23	1.06	0.03	0.61
30	---	---	---	1.54	-0.87	0.44	1.41	0.54	1.13	1.68	0.52	1.04
31	---	---	---	0.24	-0.54	-0.17	---	---	---	1.34	-0.30	0.67
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.93	-0.11	0.97	2.36	-0.69	0.95	2.21	-0.42	0.94	---	---	---
2	1.60	-0.62	0.64	2.33	-0.79	0.92	1.81	-0.48	0.59	---	---	---
3	1.98	-1.21	0.62	2.30	-0.70	0.93	1.52	-0.40	0.53	---	---	---
4	1.92	-1.21	0.41	2.25	-0.43	0.80	1.06	-0.16	0.52	---	---	---
5	2.22	-1.15	0.62	1.94	-0.44	0.74	0.45	-0.21	0.09	---	---	---
6	2.05	-0.93	0.60	1.36	-0.44	0.51	0.45	-0.18	0.22	---	---	---
7	1.93	-0.66	0.92	1.36	-0.40	0.53	1.46	0.32	1.04	---	---	---
8	1.88	-0.04	0.88	1.02	0.06	0.62	2.24	1.07	1.65	---	---	---
9	1.37	-0.04	0.83	1.55	0.13	0.79	2.09	0.44	1.27	---	---	---
10	1.08	0.43	0.87	1.27	0.00	0.62	1.86	-0.30	0.86	---	---	---
11	0.96	0.44	0.73	1.54	-0.23	0.69	1.67	-0.20	0.84	---	---	---
12	1.00	0.10	0.65	1.01	-0.76	0.22	1.68	-0.66	0.62	---	---	---
13	1.46	-0.03	0.78	1.28	-0.62	0.39	1.69	-0.73	0.59	---	---	---
14	2.15	0.50	1.36	1.94	-0.66	0.44	1.67	-0.53	0.52	---	---	---
15	2.11	0.19	1.37	1.45	-1.02	0.40	1.67	-0.36	0.59	---	---	---
16	2.31	-0.10	1.24	1.71	-0.91	0.30	1.57	-0.31	0.57	---	---	---
17	1.95	-0.23	0.99	1.31	-0.95	0.27	1.42	-0.25	0.57	---	---	---
18	2.01	-0.49	0.82	1.38	-1.04	0.07	1.15	-0.07	0.55	---	---	---
19	1.94	-0.94	0.67	1.76	-1.04	0.49	1.10	0.21	0.72	---	---	---
20	1.92	-0.94	0.60	1.65	-0.82	0.56	1.15	0.14	0.71	---	---	---
21	1.91	-0.59	0.72	1.33	-0.32	0.57	1.34	-0.16	0.48	---	---	---
22	1.75	-0.47	0.70	1.14	-0.23	0.39	1.41	-0.30	0.53	---	---	---
23	1.39	-0.53	0.61	0.58	-0.16	0.31	1.75	-0.49	0.59	---	---	---
24	1.57	-0.21	0.69	1.00	-0.07	0.45	---	---	---	---	---	---
25	1.11	-0.21	0.55	1.00	-0.30	0.35	---	---	---	---	---	---
26	0.84	-0.24	0.35	1.32	-0.60	0.52	---	---	---	---	---	---
27	1.35	-0.52	0.53	1.61	-0.78	0.40	---	---	---	---	---	---
28	1.78	-0.54	0.72	1.71	-0.96	0.45	---	---	---	---	---	---
29	1.98	-0.32	0.94	1.87	-0.93	0.55	---	---	---	---	---	---
30	2.01	-0.49	0.85	2.23	-0.54	0.88	---	---	---	---	---	---
31	---	---	---	2.31	-0.35	1.06	---	---	---	---	---	---

301932089193120 BAY-WAVELAND YACHT CLUB AT ST LOUIS BAY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18200	15300	16600	24500	21900	22600	26400	17400	21400	32000	20400	26300
2	17500	14500	15600	23200	21100	21700	23200	18400	20100	33200	19700	26900
3	21000	14600	18200	21900	21000	21400	22300	21400	21800	33200	20900	27300
4	21900	17700	19700	23100	21200	21900	25800	20700	22300	33000	24000	29400
5	21600	18100	20300	27300	22400	23800	24700	17900	20400	30900	25900	28500
6	21200	16800	19800	28200	22900	25800	21900	18600	19500	28500	20900	24100
7	21300	16200	18900	27200	20100	23100	22800	18800	21000	28800	24200	25700
8	19600	18000	19000	22700	20900	21600	23200	20800	22500	29500	22700	25900
9	19400	17800	18500	24900	21000	22700	27900	22200	23500	29700	24900	27800
10	19700	18700	19300	28200	23600	25000	27500	22000	25300	27100	20600	23200
11	19600	18200	18900	28900	22600	25900	25000	21600	23600	28000	24800	26000
12	18300	13900	16200	28900	23100	26500	25400	22600	23300	28100	19800	25000
13	23800	14000	19400	28600	21400	25500	25700	23700	24600	28100	20600	25500
14	24600	17900	20700	27400	20500	24900	31300	22300	24800	29100	20300	24900
15	21300	17700	19100	28400	24400	26800	30400	19700	23000	30900	20300	26200
16	23400	17300	19800	28700	24900	27400	29600	22700	27100	32100	20500	24600
17	22700	18900	20100	29200	25600	27100	32900	19400	24800	33100	22200	26400
18	19200	17100	18000	29300	25600	28100	32700	26100	28700	34300	23300	30200
19	19900	18600	19400	28500	23700	26100	29900	25400	26900	33600	18800	27800
20	21200	18300	20000	28800	23400	26500	29700	26600	28300	29100	17000	24100
21	20800	18100	19700	28800	22100	26000	29400	26300	27800	28200	13500	21400
22	22100	19600	20300	28800	22500	26100	31700	26400	27800	25700	16400	22800
23	22600	20700	21600	30400	24900	27500	31700	26700	28500	25100	18900	23200
24	21900	18600	21000	29900	23100	26600	29300	24300	26800	24900	21000	23200
25	23700	20000	21400	28300	24100	26400	28700	25500	26900	24400	23500	23900
26	23800	19000	22000	29700	27100	28300	29700	25400	27400	24500	21100	23200
27	23200	19400	21300	30000	25100	28400	30500	25200	27400	23500	20400	22200
28	24800	19100	21700	29400	18200	25200	30600	25600	27500	25200	19200	22100
29	25300	19700	22800	27900	19500	24600	31100	26300	29300	24700	17500	21800
30	25500	19300	22400	27200	16100	23300	29500	25200	27600	24500	18000	21600
31	25300	21800	23000	---	---	---	31200	25300	26700	26000	20500	21800
		FEBRUARY			MARCH			APRIL			MAY	
1	29200	22200	24800	5020	3500	4330	16600	11200	13700	11100	6490	8630
2	28600	23500	25400	5390	4440	4880	16300	14000	15400	7780	5540	6880
3	30100	21400	25500	6780	4770	5700	15600	12600	13500	12900	4820	7670
4	30100	23700	25400	7180	5500	6290	14000	13300	13800	13300	5080	8430
5	29400	23600	26900	7190	4600	5810	15400	13300	14100	13800	8060	11900
6	29500	22000	25200	6890	5480	6210	16300	13700	15100	14100	5140	12100
7	29800	17300	21900	5970	4480	5330	17600	16300	16900	13400	6140	11400
8	18900	15800	17300	4880	2000	3220	20100	15100	18300	12400	8240	10900
9	19600	18000	18900	3830	2160	3470	19700	12600	16700	13000	8250	11500
10	19800	14800	18200	3810	1660	2310	20700	14100	18000	13500	12000	12800
11	19100	13900	16100	3700	2340	2990	21100	15600	18600	14200	12800	13400
12	19100	11300	14300	4770	2620	3580	21900	16900	19100	15000	12700	14000
13	18200	6790	10700	7240	3320	5040	21500	13400	19200	12800	8250	9380
14	21100	6790	12300	10200	3630	6270	20500	19100	20000	10800	8840	9890
15	20500	9580	12900	14600	4170	7970	21100	16700	19400	9270	2760	5580
16	10100	4520	7510	14800	4750	9070	21100	17500	19400	2760	967	1450
17	7600	4220	6530	15300	7470	10900	20500	18400	19400	2870	997	2280
18	6490	4720	6020	15700	12500	14200	20700	20300	20500	2200	1550	1910
19	6780	5850	6260	15300	9380	12900	20900	20600	20800	1910	917	1360
20	6630	5360	5800	14300	9650	12500	21400	20200	20700	1110	402	767
21	9630	5780	6550	12700	10800	12000	20800	19900	20500	4780	687	2180
22	9700	6590	7310	10900	7590	8940	20400	19300	19800	6790	1250	4610
23	9820	5780	6770	12400	9560	10700	20900	19200	20100	5850	3920	5210
24	13400	3380	6940	15200	12400	14300	20300	19400	19900	5820	3130	5120
25	12100	2850	5610	15300	14000	14700	20800	19200	20100	5160	2380	3940
26	4350	2560	3170	14800	13200	13900	19300	13900	17100	3880	1750	3230
27	5520	1640	3050	16500	12700	14200	16000	9530	12400	3680	1840	3090
28	3680	2980	3340	17200	13800	15200	16700	5480	10600	3520	2100	3010
29	4580	3250	3910	18800	12200	15900	17700	13900	15500	2900	2280	2600
30	---	---	---	19500	14000	17800	16800	10200	11900	2630	1810	2430
31	---	---	---	19200	12800	14900	---	---	---	2280	1650	1900

301932089193120 BAY-WAVELAND YACHT CLUB AT ST LOUIS BAY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2030	1650	1830	11400	3220	7230	23900	18000	21100	---	---	---
2	2640	1660	1920	11500	4490	8590	25000	19300	22600	---	---	---
3	6480	1560	4380	11600	5870	9660	23400	19700	21500	---	---	---
4	9700	2180	6400	11200	6880	9560	24100	19200	21300	---	---	---
5	11700	4200	8600	11100	7040	9720	23300	20300	21500	---	---	---
6	11500	5800	9040	10300	5480	7940	24000	18300	20900	---	---	---
7	11700	5450	9520	8530	5670	7270	24300	17000	19700	---	---	---
8	11800	9510	10500	7800	7190	7520	26900	24200	25100	---	---	---
9	9690	8130	8960	8320	6670	7420	25200	23900	24600	---	---	---
10	8740	7310	8120	7410	3930	5800	28400	21400	24900	---	---	---
11	9000	7000	7550	11000	4300	6480	26500	19800	22300	---	---	---
12	8760	6070	7370	10400	4170	7020	26000	20800	23800	---	---	---
13	10700	7340	8590	11300	5530	8250	26800	19500	22600	---	---	---
14	9890	7030	8300	10600	5800	9350	26400	20300	22500	---	---	---
15	12400	7030	11200	11100	9590	10400	24900	21600	23000	---	---	---
16	14300	8920	12600	11100	7190	9970	26100	20600	23300	---	---	---
17	13900	8180	10700	11200	7060	9790	25100	23500	24300	---	---	---
18	14500	7490	12000	13300	7060	10600	25300	22300	24000	---	---	---
19	14200	5380	10400	15000	8210	11800	25200	21600	23900	---	---	---
20	14500	10300	12000	19600	7910	13500	26400	24000	25400	---	---	---
21	15400	9210	12600	17000	12400	15100	26100	24600	25200	---	---	---
22	15800	9070	12900	18700	9050	14700	27000	24100	25300	---	---	---
23	16100	10300	13200	18600	10200	14400	29200	24300	26800	---	---	---
24	13600	10400	12000	19300	12800	15600	---	---	---	---	---	---
25	14100	9350	11500	18600	12900	14900	---	---	---	---	---	---
26	9680	4330	7750	20600	14100	17400	---	---	---	---	---	---
27	10200	6010	7820	21000	13400	17500	---	---	---	---	---	---
28	12500	4490	8930	22500	13400	18800	---	---	---	---	---	---
29	11000	3910	6200	23400	17100	21100	---	---	---	---	---	---
30	11100	4500	6400	24200	20100	22900	---	---	---	---	---	---
31	---	---	---	24100	20200	23000	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	21.7	22.5	24.4	22.4	23.4	14.8	12.3	13.7	13.4	11.9	12.7
2	22.6	20.7	21.6	24.5	22.8	23.7	14.4	12.6	13.6	14.7	13.2	13.9
3	23.4	20.4	21.7	24.3	22.7	23.5	14.9	12.8	13.9	15.9	14.2	14.9
4	23.7	21.4	22.4	24.1	22.9	23.5	15.3	14.4	14.9	16.6	14.3	15.5
5	23.4	22.1	22.8	25.0	23.7	24.2	15.0	13.1	14.1	17.2	14.8	16.1
6	25.0	22.8	23.7	24.8	23.6	24.2	13.7	10.7	11.6	14.8	10.3	12.1
7	24.7	23.6	24.2	24.5	23.4	23.9	12.1	10.0	11.2	12.1	8.3	10.2
8	25.1	23.4	24.3	23.6	21.8	22.7	14.0	11.7	12.6	10.7	9.2	9.8
9	24.8	23.9	24.5	22.8	20.9	22.0	13.5	12.9	13.2	11.8	10.1	10.8
10	24.5	23.8	24.2	22.3	21.2	21.8	13.7	12.0	12.9	11.0	9.4	10.3
11	23.9	23.3	23.5	23.2	21.3	22.3	12.4	10.1	11.6	11.8	9.5	10.4
12	24.5	22.8	23.6	24.8	22.7	23.3	12.9	10.7	11.8	10.6	8.5	10.0
13	24.6	23.1	23.8	23.6	19.1	21.7	12.1	11.8	12.0	11.4	9.8	10.7
14	25.3	23.4	24.3	20.1	17.9	19.1	11.9	11.1	11.6	12.4	11.1	11.7
15	24.1	22.2	23.2	20.8	18.5	19.4	11.9	9.5	11.1	13.1	11.8	12.3
16	23.6	21.3	22.6	20.9	19.5	20.1	12.6	10.8	12.0	12.8	11.5	12.3
17	23.8	22.1	23.0	22.1	20.1	20.9	11.7	8.9	10.5	13.2	12.5	12.8
18	23.0	21.3	22.1	21.3	20.3	20.8	12.8	9.2	11.3	13.7	12.6	13.2
19	22.4	21.0	21.9	20.3	18.4	19.2	11.4	8.9	10.5	13.2	11.3	12.5
20	22.9	21.8	22.3	18.9	16.1	17.8	11.6	8.4	10.4	12.6	8.7	10.7
21	24.1	21.8	22.8	18.6	15.8	17.5	11.2	9.3	10.5	11.9	8.8	10.8
22	24.2	21.7	22.9	20.0	18.1	18.9	13.7	10.2	11.8	14.7	10.3	11.9
23	23.3	22.0	22.7	20.6	19.0	19.8	12.8	11.6	12.1	13.8	11.2	12.4
24	23.5	22.2	22.9	19.9	14.8	16.9	12.4	10.4	11.6	14.0	12.1	12.8
25	25.1	23.1	24.0	16.3	14.0	15.5	12.0	10.0	11.1	14.4	12.4	13.4
26	25.9	24.2	24.8	16.6	15.2	15.8	13.0	10.0	11.3	14.1	13.5	13.8
27	24.2	21.1	22.6	16.8	16.1	16.4	13.4	10.5	11.8	13.5	9.6	12.2
28	21.4	19.9	20.6	16.5	13.0	15.0	14.4	11.9	13.0	10.5	7.3	9.3
29	23.4	21.0	21.8	14.3	12.7	13.5	13.6	12.7	13.1	10.5	7.5	9.3
30	23.7	21.4	22.3	14.1	11.2	13.3	12.9	11.8	12.4	11.0	9.9	10.5
31	24.9	22.2	23.2	---	---	---	13.0	10.8	11.9	11.0	9.9	10.5

301932089193120 BAY-WAVELAND YACHT CLUB AT ST LOUIS BAY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.8	10.2	10.6	15.4	14.1	14.7	19.9	16.9	18.7	23.5	21.0	22.1
2	12.0	10.7	11.4	17.6	14.6	15.9	20.3	17.4	18.8	22.9	21.6	22.3
3	11.9	9.7	11.1	20.3	16.6	18.4	20.5	17.4	19.0	23.1	21.1	22.0
4	11.5	9.5	10.5	20.6	18.5	19.4	21.5	18.4	20.1	22.8	19.6	21.3
5	12.6	10.9	11.7	20.1	19.2	19.6	20.5	18.2	19.1	23.8	20.9	22.3
6	13.6	11.8	12.7	22.9	19.3	20.9	20.6	18.4	19.4	24.5	20.8	23.0
7	13.2	10.2	12.1	22.4	20.5	21.3	21.4	19.6	20.4	25.0	22.2	23.6
8	11.0	8.4	9.6	21.0	17.7	18.8	22.7	20.4	21.5	25.6	22.7	24.2
9	13.1	8.9	10.7	19.9	16.0	18.2	22.0	20.8	21.4	26.3	23.9	25.2
10	11.7	11.1	11.4	16.0	12.7	13.9	23.4	20.9	22.1	25.5	23.6	24.6
11	12.2	11.6	12.0	17.4	13.9	15.4	22.9	21.7	22.4	24.8	23.7	24.3
12	12.3	11.6	12.1	18.2	14.6	16.2	22.9	21.3	22.2	26.2	23.6	24.7
13	11.6	10.4	11.0	18.2	15.6	16.8	22.0	16.9	19.1	27.0	23.6	25.0
14	11.3	10.7	11.1	18.0	17.0	17.5	20.1	16.4	18.3	26.2	24.9	25.6
15	11.8	9.5	10.7	17.9	17.5	17.7	20.5	16.5	19.0	25.7	23.7	24.4
16	12.8	9.6	11.1	19.2	17.9	18.6	23.0	18.0	20.2	26.6	22.9	24.3
17	12.2	9.8	11.4	19.3	17.4	18.3	24.8	20.3	22.3	26.8	24.8	25.7
18	14.1	9.8	11.9	22.9	17.6	20.0	24.8	21.6	23.0	26.5	24.8	25.4
19	16.8	11.1	13.7	22.6	20.1	21.2	24.4	21.9	23.1	27.6	24.8	25.8
20	16.8	13.4	14.7	23.2	20.9	21.9	24.1	22.4	23.1	27.3	24.3	25.7
21	16.0	13.6	14.7	23.7	21.0	22.1	24.2	21.7	22.9	27.5	25.2	26.3
22	15.9	13.6	14.7	21.0	16.0	17.8	25.0	21.9	23.2	28.6	25.7	27.4
23	15.4	14.0	14.6	17.3	15.1	16.3	25.6	23.4	24.4	28.2	26.6	27.3
24	14.4	13.9	14.2	18.1	15.7	16.9	26.4	23.1	24.7	28.9	26.4	27.5
25	14.3	13.8	14.1	20.2	17.4	18.4	25.4	24.1	24.7	28.5	26.4	27.3
26	13.8	12.2	13.2	21.3	18.1	19.3	24.6	23.4	24.0	28.7	26.4	27.4
27	13.5	11.2	12.2	21.3	19.4	20.4	23.8	21.4	22.6	28.3	25.9	27.2
28	14.4	11.6	12.8	22.1	20.3	21.3	22.9	20.5	21.8	29.4	26.4	27.6
29	15.1	12.6	13.8	22.2	21.1	21.8	22.4	20.8	21.8	30.2	27.3	28.6
30	---	---	---	22.4	20.2	21.4	22.3	21.6	21.8	30.3	28.0	29.1
31	---	---	---	22.0	19.8	20.9	---	---	---	29.9	28.0	28.7

		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.8	27.5	28.2	29.9	27.8	29.0	31.5	29.1	30.5	---	---	---
2	28.5	26.6	27.4	29.5	28.0	28.8	31.9	29.6	30.9	---	---	---
3	27.4	26.4	26.9	30.3	27.8	29.1	31.3	29.1	30.3	---	---	---
4	28.7	26.3	27.3	30.8	28.8	29.8	31.8	30.3	31.0	---	---	---
5	27.5	26.4	27.0	31.0	29.4	30.1	32.6	30.4	31.4	---	---	---
6	28.8	26.3	27.0	30.8	29.4	30.0	32.0	29.6	30.8	---	---	---
7	29.0	25.9	27.4	30.5	28.8	29.5	30.2	27.5	28.9	---	---	---
8	29.9	27.5	28.5	30.7	29.0	29.8	30.1	28.8	29.5	---	---	---
9	29.6	28.2	28.9	31.1	28.0	29.5	30.1	28.4	29.2	---	---	---
10	30.2	28.8	29.3	31.7	29.5	30.5	31.7	29.0	29.8	---	---	---
11	30.9	29.4	30.0	33.1	30.1	31.0	30.5	28.8	29.7	---	---	---
12	32.7	30.1	31.1	33.1	30.3	31.3	29.8	28.3	29.2	---	---	---
13	32.2	29.7	31.0	33.0	29.1	30.9	28.3	24.7	26.4	---	---	---
14	30.5	28.8	29.5	31.6	29.7	30.6	25.5	23.2	24.6	---	---	---
15	30.7	29.3	29.8	31.4	29.7	30.4	25.8	23.0	24.3	---	---	---
16	30.8	28.7	29.7	30.4	28.9	29.7	26.0	23.4	24.8	---	---	---
17	32.0	29.1	30.2	30.3	28.9	29.6	26.3	23.9	25.2	---	---	---
18	32.1	29.8	30.9	29.9	28.4	29.3	27.2	24.9	25.9	---	---	---
19	31.4	29.3	30.4	30.8	28.1	28.9	28.7	26.2	27.3	---	---	---
20	30.7	28.6	29.7	29.9	28.4	29.4	30.0	28.0	28.9	---	---	---
21	30.3	29.2	29.9	30.1	28.7	29.4	30.8	28.5	29.4	---	---	---
22	30.3	29.0	29.6	30.6	28.8	29.6	31.0	28.8	29.7	---	---	---
23	30.2	28.6	29.5	31.9	29.7	30.5	32.8	29.8	31.0	---	---	---
24	30.0	29.0	29.5	33.1	29.7	31.0	---	---	---	---	---	---
25	29.1	28.0	28.5	32.9	30.8	31.5	---	---	---	---	---	---
26	29.2	27.4	28.2	31.4	29.4	30.7	---	---	---	---	---	---
27	29.6	27.6	28.3	31.9	29.6	30.5	---	---	---	---	---	---
28	30.0	27.4	28.1	31.7	29.3	30.2	---	---	---	---	---	---
29	28.7	27.0	27.8	33.0	29.5	31.0	---	---	---	---	---	---
30	30.8	27.1	28.6	32.6	30.1	31.4	---	---	---	---	---	---
31	---	---	---	31.5	30.1	30.8	---	---	---	---	---	---

02481880 PEARL RIVER AT BURNSIDE, MS

LOCATION.--Lat 32°50'29", long 89°05'52", in NE1/4 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 NGVD of 1929.

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.

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)
Feb. 7	1730	*16,900	*17.59	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	32	1480	1420	880	2050	134	286	339	894	466	52
2	23	29	1290	1560	714	1670	128	341	503	1110	412	45
3	24	25	1110	1470	571	1460	123	314	534	2890	319	44
4	22	19	982	1300	470	1410	117	315	448	3540	219	46
5	21	17	836	1150	1040	1370	111	324	351	2870	134	47
6	20	22	663	1060	7460	2080	102	316	279	1860	86	46
7	20	15	517	904	15100	3400	96	272	261	1280	63	43
8	19	17	403	858	13000	3640	110	197	386	944	49	40
9	16	17	327	1150	7000	3050	107	134	591	761	38	37
10	43	17	323	1520	3620	2250	103	102	664	643	30	33
11	82	18	342	1720	2420	1670	336	85	514	561	50	29
12	149	22	363	1510	2130	1280	609	76	347	443	74	25
13	165	18	373	1270	2070	994	647	88	241	326	54	22
14	131	17	406	1090	2130	778	677	89	159	252	51	20
15	93	17	423	936	2310	604	694	144	120	204	48	18
16	73	22	436	782	2730	518	634	305	117	189	39	21
17	68	32	419	643	2910	485	532	421	125	263	31	31
18	61	54	388	640	2480	447	423	427	209	229	25	76
19	57	133	355	656	2040	401	323	423	320	197	21	161
20	52	198	319	711	1680	357	240	352	372	145	18	229
21	45	241	285	702	1370	319	179	293	416	105	15	262
22	39	224	253	620	1100	280	139	255	398	81	16	264
23	33	188	245	543	931	245	118	211	319	67	21	261
24	29	177	334	480	933	215	104	171	272	57	32	247
25	24	191	430	586	994	194	114	131	287	48	40	208
26	24	238	488	951	1780	181	381	101	419	41	56	149
27	26	382	444	1340	2760	180	408	83	533	84	45	94
28	35	697	389	1780	3030	167	405	72	570	57	39	65
29	43	802	445	1540	2530	151	380	70	668	57	40	52
30	37	1270	868	1260	---	144	336	64	822	45	62	44
31	34	---	1000	1060	---	137	---	146	---	118	76	---
TOTAL	1533	5151	16936	33212	88183	32127	8810	6608	11584	20361	2669	2711
MEAN	49.5	172	546	1071	3041	1036	294	213	386	657	86.1	90.4
MAX	165	1270	1480	1780	15100	3640	694	427	822	3540	466	264
MIN	16	15	245	480	470	137	96	64	117	41	15	18
CFSM	0.10	0.33	1.05	2.06	5.85	1.99	0.56	0.41	0.74	1.26	0.17	0.17
IN.	0.11	0.37	1.21	2.38	6.31	2.30	0.63	0.47	0.83	1.46	0.19	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2004, BY WATER YEAR (WY)

MEAN	135	382	869	1260	1711	1292	1176	576	258	191	92.3	60.9
MAX	1450	1326	3408	3099	3727	3149	3686	4021	1148	906	483	634
(WY)	2003	2003	1983	1990	2003	1983	1983	1983	1997	1989	2003	2001
MIN	0.94	3.65	7.83	93.8	109	281	70.4	16.7	2.15	3.90	2.73	0.73
(WY)	1988	1988	1988	2000	2000	2000	1986	1988	1988	2000	1999	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1981 - 2004	
ANNUAL TOTAL	346418		229885			
ANNUAL MEAN	949		628		674	
HIGHEST ANNUAL MEAN					1732	1983
LOWEST ANNUAL MEAN					141	1988
HIGHEST DAILY MEAN	20200	Feb 23	15100	Feb 7	34600	May 21 1983
LOWEST DAILY MEAN	15	Nov 7	15	Nov 7	0.29	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	18	Nov 5	18	Nov 5	0.36	Sep 1 2000
MAXIMUM PEAK FLOW			16900	Feb 7	37800	May 21 1983
MAXIMUM PEAK STAGE			17.59	Feb 7	19.77	May 21 1983
INSTANTANEOUS LOW FLOW			15	Nov 7		
ANNUAL RUNOFF (CFSM)	1.83		1.21		1.30	
ANNUAL RUNOFF (INCHES)	24.78		16.45		17.60	
10 PERCENT EXCEEDS	2110		1510		1670	
50 PERCENT EXCEEDS	340		262		170	
90 PERCENT EXCEEDS	30		26		4.7	

02481880 PEARL RIVER AT BURNSIDE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.04	5.55	12.34	12.26	11.31	12.84	6.52	8.21	8.67	11.54	9.86	5.53
2	5.03	5.50	12.09	12.43	10.79	12.53	6.44	8.68	9.81	11.95	9.51	5.37
3	5.05	5.39	11.80	12.33	10.19	12.32	6.36	8.46	9.99	13.42	8.81	5.35
4	5.03	5.27	11.56	12.09	9.61	12.25	6.27	8.47	9.47	13.77	7.85	5.41
5	5.01	5.23	11.18	11.88	10.73	12.19	6.18	8.55	8.76	13.43	6.84	5.43
6	4.99	5.37	10.60	11.71	15.19	12.84	6.04	8.48	8.14	12.79	6.13	5.40
7	4.99	5.20	9.90	11.38	17.22	13.67	5.94	8.07	7.97	12.19	5.71	5.34
8	4.98	5.25	9.16	11.25	16.77	13.80	6.16	7.29	9.01	11.63	5.43	5.27
9	4.93	5.27	8.57	11.85	15.07	13.48	6.12	6.51	10.28	11.14	5.21	5.20
10	5.52	5.28	8.54	12.38	13.77	12.99	6.05	6.05	10.62	10.74	5.05	5.11
11	6.34	5.30	8.70	12.58	13.10	12.53	8.36	5.76	9.95	10.37	5.45	5.02
12	7.37	5.41	8.86	12.37	12.91	12.07	10.38	5.59	8.91	9.71	5.95	4.93
13	7.59	5.28	8.93	12.05	12.86	11.58	10.55	5.81	8.04	8.85	5.55	4.86
14	7.14	5.19	9.19	11.77	12.91	11.00	10.66	5.82	7.21	8.17	5.51	4.80
15	6.57	5.15	9.31	11.45	13.03	10.35	10.72	6.63	6.78	7.67	5.43	4.74
16	6.24	5.23	9.39	11.02	13.30	9.90	10.49	8.37	6.83	7.49	5.25	4.83
17	6.14	5.41	9.28	10.52	13.41	9.71	9.98	9.28	7.03	8.28	5.07	5.08
18	6.02	5.80	9.05	10.52	13.14	9.47	9.30	9.34	8.04	7.94	4.94	5.95
19	5.95	7.11	8.80	10.58	12.84	9.15	8.53	9.31	9.11	7.59	4.84	7.26
20	5.86	7.87	8.50	10.78	12.54	8.82	7.75	8.77	9.49	6.95	4.74	8.04
21	5.72	8.28	8.20	10.75	12.19	8.51	7.09	8.27	9.77	6.37	4.69	8.37
22	5.60	8.06	7.89	10.43	11.78	8.15	6.59	7.91	9.63	5.97	4.70	8.40
23	5.48	7.61	7.81	10.04	11.45	7.81	6.29	7.45	9.02	5.71	4.83	8.37
24	5.39	7.43	8.63	9.68	11.46	7.50	6.08	6.99	8.58	5.51	5.10	8.23
25	5.30	7.53	9.35	10.19	11.57	7.27	6.21	6.46	8.69	5.34	5.28	7.82
26	5.29	7.99	9.73	11.49	12.60	7.12	8.97	6.03	9.68	5.19	5.59	7.11
27	5.36	9.12	9.45	12.12	13.31	7.10	9.21	5.73	10.34	6.00	5.39	6.30
28	5.58	10.83	9.06	12.63	13.48	6.94	9.18	5.53	10.51	5.51	5.25	5.79
29	5.76	11.13	9.39	12.40	13.17	6.75	8.99	5.48	10.88	5.52	5.28	5.53
30	5.64	12.05	11.27	12.03	---	6.65	8.65	5.37	11.37	5.27	5.72	5.36
31	5.59	---	11.60	11.71	---	6.56	---	6.54	---	6.21	5.98	---
MEAN	5.69	6.70	9.62	11.51	12.82	10.12	7.87	7.26	9.09	8.65	5.84	6.01
MAX	7.59	12.05	12.34	12.63	17.22	13.80	10.72	9.34	11.37	13.77	9.86	8.40
MIN	4.93	5.15	7.81	9.68	9.61	6.56	5.94	5.37	6.78	5.19	4.69	4.74

02482000 PEARL RIVER AT EDINBURG, MS

LOCATION.--Lat 32°47'58", long 89°20'08", 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 NGVD of 1929. Prior to July 2, 1930, nonrecording gage at site 500 ft upstream at datum 0.12 ft higher. July 2, 1930 to Sept. 20, 1938, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. 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)
Feb. 8	2115	*19,300	*25.54	Mar. 9	1800	5,360	19.53

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91	104	1700	2240	1800	4350	300	515	765	1290	224	101
2	83	98	1490	2020	1540	4110	284	641	932	1560	402	97
3	78	94	1470	1790	1330	3710	270	653	968	2120	468	79
4	73	90	1540	1770	1130	3150	257	638	912	2160	420	112
5	72	88	1480	1940	2200	2670	243	518	775	2680	326	106
6	71	87	1340	2000	6340	4080	229	445	605	3510	231	97
7	71	96	1160	2230	10900	4380	217	409	494	3590	164	84
8	76	99	978	2270	18000	5040	226	368	440	3050	125	74
9	79	94	776	2470	18300	5330	228	308	446	2480	98	66
10	164	88	702	2250	14500	5240	224	240	691	1840	95	60
11	299	83	644	2310	9880	4810	700	191	815	1350	125	55
12	352	81	620	2240	7170	4090	1060	181	790	1050	107	51
13	361	78	633	2190	5840	3140	1250	507	630	846	105	48
14	318	78	742	2090	5100	2290	1290	1180	493	639	100	48
15	268	73	737	1880	4800	1790	1160	1220	457	459	85	55
16	219	74	724	1610	4570	1560	1040	1110	414	349	78	84
17	177	92	679	1440	4540	1320	942	973	614	324	71	93
18	153	197	629	1680	4470	1120	844	935	437	335	64	91
19	139	386	575	1540	4390	957	712	836	417	338	57	81
20	129	404	519	1470	4080	829	560	718	459	300	54	115
21	121	409	465	1310	3500	720	430	616	486	249	62	171
22	113	377	418	1160	2820	620	330	503	538	197	71	215
23	106	339	500	1060	2410	540	265	404	751	157	130	242
24	96	394	680	965	2300	499	224	327	910	132	151	251
25	89	402	664	1630	2490	480	265	271	964	116	161	246
26	114	368	685	1970	3700	447	932	250	850	111	137	229
27	128	1110	706	2160	3720	402	977	226	802	108	115	192
28	128	1360	680	2250	3940	363	994	196	876	123	99	145
29	123	1570	1130	2030	4200	340	777	181	863	128	111	107
30	122	1910	1720	2030	---	324	601	176	1160	107	96	83
31	114	---	1860	2010	---	316	---	526	---	118	86	---
TOTAL	4527	10723	28646	58005	159960	69017	17831	16262	20754	31816	4618	3478
MEAN	146	357	924	1871	5516	2226	594	525	692	1026	149	116
MAX	361	1910	1860	2470	18300	5330	1290	1220	1160	3590	468	251
MIN	71	73	418	965	1130	316	217	176	414	107	54	48
CFSM	0.16	0.40	1.02	2.07	6.10	2.46	0.66	0.58	0.77	1.14	0.16	0.13
IN.	0.19	0.44	1.18	2.39	6.58	2.84	0.73	0.67	0.85	1.31	0.19	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2004, BY WATER YEAR (WY)

MEAN	211	463	1282	2128	2688	2651	2368	1151	377	409	232	166
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	4.42	9.63	61.3	105	206	434	156	50.1	8.62	10.2	5.91	3.69
(WY)	2001	1954	1963	1956	2000	2000	1963	1965	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1928 - 2004	
ANNUAL TOTAL	691410		425637			
ANNUAL MEAN	1894		1163		1169	
HIGHEST ANNUAL MEAN					3368	1983
LOWEST ANNUAL MEAN					236	1963
HIGHEST DAILY MEAN	29100	Feb 24	18300	Feb 9	73500	Apr 14 1979
LOWEST DAILY MEAN	71	Oct 6	48	Sep 13	1.3	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	74	Oct 3	55	Sep 9	1.4	Sep 2 2000
MAXIMUM PEAK FLOW			19300	Feb 8	77900	Apr 14 1979
MAXIMUM PEAK STAGE			25.54	Feb 8	30.06a	Apr 14 1979
INSTANTANEOUS LOW FLOW			46	Sep 14,15	1.2	Sep 5 2000
ANNUAL RUNOFF (CFSM)	2.10		1.29		1.29	
ANNUAL RUNOFF (INCHES)	28.45		17.52		17.58	
10 PERCENT EXCEEDS	4530		2720		3080	
50 PERCENT EXCEEDS	837		494		343	
90 PERCENT EXCEEDS	111		87		25	

a To present datum.

02482000 PEARL RIVER AT EDINBURG, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.16	3.40	11.57	13.12	11.88	17.72	5.29	6.73	8.07	10.19	4.62	3.29
2	3.05	3.32	10.90	12.52	11.09	17.27	5.16	7.45	8.83	11.15	6.03	3.24
3	2.97	3.27	10.86	11.85	10.38	16.49	5.04	7.51	8.98	12.81	6.47	2.99
4	2.91	3.21	11.08	11.79	9.63	15.31	4.93	7.43	8.74	12.91	6.15	3.41
5	2.89	3.19	10.88	12.30	12.30	14.21	4.81	6.77	8.12	14.21	5.49	3.35
6	2.87	3.19	10.38	12.47	21.00	17.20	4.68	6.32	7.26	16.08	4.69	3.24
7	2.88	3.30	9.76	13.08	23.40	17.77	4.56	6.08	6.63	16.25	4.04	3.06
8	2.95	3.35	9.02	13.21	25.31	18.98	4.65	5.80	6.29	15.07	3.59	2.91
9	2.99	3.29	8.12	13.71	25.37	19.46	4.67	5.35	6.33	13.73	3.25	2.80
10	3.90	3.20	7.77	13.15	24.56	19.31	4.63	4.78	7.70	12.00	3.20	2.71
11	5.28	3.14	7.47	13.32	23.19	18.57	7.48	4.32	8.31	10.43	3.59	2.63
12	5.68	3.11	7.34	13.12	21.74	17.22	9.34	4.21	8.19	9.29	3.36	2.57
13	5.75	3.08	7.41	12.98	20.32	15.27	10.07	6.43	7.39	8.45	3.34	2.51
14	5.43	3.07	7.96	12.72	19.08	13.23	10.24	9.83	6.62	7.43	3.28	2.50
15	5.03	3.00	7.94	12.11	18.54	11.86	9.76	9.97	6.40	6.40	3.07	2.62
16	4.60	3.02	7.87	11.32	18.14	11.13	9.26	9.55	6.11	5.66	2.97	3.04
17	4.19	3.28	7.65	10.74	18.08	10.31	8.87	9.00	7.30	5.48	2.88	3.16
18	3.94	4.30	7.39	11.52	17.94	9.58	8.44	8.84	6.26	5.56	2.77	3.13
19	3.79	6.01	7.10	11.08	17.80	8.93	7.81	8.40	6.14	5.58	2.66	2.97
20	3.67	6.13	6.77	10.86	17.21	8.37	7.01	7.85	6.41	5.29	2.62	3.41
21	3.56	6.16	6.45	10.30	16.06	7.85	6.22	7.32	6.58	4.85	2.75	4.05
22	3.47	5.93	6.15	9.76	14.54	7.34	5.52	6.68	6.89	4.37	2.87	4.46
23	3.39	5.65	6.61	9.34	13.57	6.90	5.00	6.05	7.95	3.97	3.65	4.71
24	3.26	6.02	7.65	8.97	13.27	6.65	4.63	5.50	8.73	3.68	3.90	4.78
25	3.17	6.08	7.57	11.20	13.73	6.54	4.88	5.05	8.96	3.47	4.01	4.74
26	3.49	5.83	7.68	12.39	16.46	6.33	8.57	4.87	8.47	3.42	3.73	4.58
27	3.67	9.19	7.78	12.90	16.51	6.03	8.58	4.65	8.25	3.38	3.47	4.22
28	3.67	10.49	7.66	13.16	16.95	5.76	8.74	4.36	8.58	3.56	3.26	3.73
29	3.62	11.16	9.34	12.56	17.44	5.60	7.89	4.22	8.52	3.62	3.41	3.27
30	3.61	12.20	11.64	12.55	---	5.47	7.12	4.17	9.75	3.37	3.22	2.95
31	3.52	---	12.05	12.49	---	5.41	---	6.51	---	3.49	3.09	---
MEAN	3.75	4.99	8.57	12.02	17.43	11.87	6.79	6.52	7.63	7.91	3.72	3.37
MAX	5.75	12.20	12.05	13.71	25.37	19.46	10.24	9.97	9.75	16.25	6.47	4.78
MIN	2.87	3.00	6.15	8.97	9.63	5.41	4.56	4.17	6.11	3.37	2.62	2.50

02482550 PEARL RIVER NEAR CARTHAGE, MS

LOCATION.--Lat 32°42'28", 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 left 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 NGVD of 1929.

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

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)
Feb. 10	1530	*22,200	*23.30	No other peaks greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	212	236	2130	2440	2230	5320	537	923	1560	3750	248	252
2	202	219	1910	2480	1900	5420	513	1040	1790	3560	403	245
3	190	210	1720	2240	1660	5380	489	1060	1820	3610	563	231
4	182	203	1650	1970	1460	4910	468	1020	1770	3530	579	257
5	175	197	1600	2160	2520	4170	444	920	1540	3570	516	277
6	171	193	1490	2710	7410	5310	423	794	1240	3840	422	292
7	171	190	1360	2960	8450	5580	403	716	1050	4030	335	238
8	173	194	1210	3120	11200	5490	397	662	1000	4060	276	237
9	176	197	1050	3720	16400	5730	401	605	1180	4120	238	220
10	211	194	949	3770	20700	5990	394	535	1270	3280	244	197
11	399	188	931	3430	19000	5930	803	461	1300	2440	273	182
12	462	184	881	3210	15100	5370	1540	417	1240	1930	442	172
13	535	180	887	2950	11500	4490	1800	485	1130	1570	362	165
14	549	177	1060	2640	8900	3540	1960	1070	1050	1270	286	160
15	486	175	1040	2350	7710	2670	1900	1850	1020	1000	247	157
16	404	178	987	2030	6890	2220	1700	2160	1050	794	214	160
17	344	191	931	1750	6390	1970	1490	1980	1480	701	195	184
18	299	290	862	2080	6140	1720	1340	1860	1410	642	183	195
19	271	600	795	2110	5890	1510	1190	1660	1070	608	171	193
20	252	663	732	1910	5540	1340	1020	1460	978	566	164	182
21	237	640	672	1740	5050	1200	860	1350	958	504	185	217
22	224	594	622	1530	4300	1060	723	1130	1090	432	250	268
23	213	528	660	1360	3550	946	617	924	1120	372	580	306
24	204	551	1080	1250	3340	855	541	779	1760	325	704	330
25	194	679	1120	2040	3220	804	526	673	2120	291	441	337
26	210	660	1040	3190	4230	766	1200	600	2340	265	530	351
27	284	1270	1020	3150	4670	716	1270	560	2140	252	423	313
28	294	2230	958	3130	4820	660	1280	522	2160	244	318	278
29	291	2010	1400	2920	5040	615	1190	513	2480	251	323	236
30	275	2100	2570	2690	---	581	1000	483	3450	249	289	202
31	255	---	2390	2570	---	556	---	795	---	229	279	---
TOTAL	8545	16121	37707	77600	205210	92819	28419	30007	45566	52285	10683	7034
MEAN	276	537	1216	2503	7076	2994	947	968	1519	1687	345	234
MAX	549	2230	2570	3770	20700	5990	1960	2160	3450	4120	704	351
MIN	171	175	622	1250	1460	556	394	417	958	229	164	157
CFSM	0.20	0.40	0.90	1.86	5.26	2.22	0.70	0.72	1.13	1.25	0.26	0.17
IN.	0.24	0.45	1.04	2.14	5.67	2.57	0.79	0.83	1.26	1.45	0.30	0.19
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2004, BY WATER YEAR (WY)												
MEAN	465	795	2136	3557	4029	4198	4055	2004	745	578	429	363
MAX	3563	3790	11360	11030	11060	12090	17460	11780	2919	2650	2636	2869
(WY)	2003	2003	1983	1974	1983	1980	1979	1983	1983	1989	1975	1979
MIN	39.4	66.7	205	328	358	744	329	151	57.0	58.9	54.6	40.7
(WY)	1964	1964	1988	2000	2000	2000	1963	1963	1988	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1963 - 2004	
ANNUAL TOTAL	948537		611996			
ANNUAL MEAN	2599		1672		1936	
HIGHEST ANNUAL MEAN					5247	1983
LOWEST ANNUAL MEAN					422	1963
HIGHEST DAILY MEAN	33100	Feb 25	20700	Feb 10	93800	Apr 14 1979
LOWEST DAILY MEAN	171	Oct 6	157	Sep 15	32	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	177	Oct 3	169	Sep 11	33	Oct 24 1963
MAXIMUM PEAK FLOW			22200	Feb 10	102000	Apr 14 1979
MAXIMUM PEAK STAGE			23.30	Feb 10	28.74	Apr 14 1979
INSTANTANEOUS LOW FLOW			155	Sep 15,16	31	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.93		1.24		1.44	
ANNUAL RUNOFF (INCHES)	26.22		16.91		19.54	
10 PERCENT EXCEEDS	5850		4040		5030	
50 PERCENT EXCEEDS	1360		922		687	
90 PERCENT EXCEEDS	250		197		104	

02482550 PEARL RIVER NEAR CARTHAGE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.75	4.93	11.26	11.84	11.45	15.86	6.66	7.58	9.05	13.89	4.80	4.84
2	4.66	4.80	10.81	11.90	10.80	15.97	6.55	7.97	9.64	13.52	5.76	4.78
3	4.57	4.73	10.41	11.46	10.27	15.92	6.43	8.03	9.71	13.62	6.57	4.67
4	4.50	4.68	10.25	10.93	9.79	15.40	6.32	7.90	9.59	13.47	6.64	4.85
5	4.44	4.63	10.14	11.04	11.52	14.51	6.20	7.57	9.02	13.54	6.35	4.98
6	4.40	4.59	9.87	11.48	17.78	15.83	6.09	7.12	8.19	14.03	5.88	5.07
7	4.41	4.57	9.51	11.41	18.56	16.13	5.99	6.82	7.61	14.32	5.38	4.69
8	4.42	4.60	9.09	11.64	20.16	16.05	5.95	6.60	7.47	14.35	5.00	4.67
9	4.45	4.63	8.60	12.60	22.16	16.29	5.98	6.36	8.03	14.43	4.73	4.54
10	4.72	4.60	8.27	12.77	23.08	16.55	5.93	6.04	8.28	13.00	4.77	4.35
11	5.95	4.55	8.21	12.42	22.77	16.49	7.57	5.68	8.36	11.32	4.98	4.21
12	6.29	4.51	8.04	12.24	21.80	15.91	9.73	5.45	8.22	10.18	5.97	4.12
13	6.65	4.49	8.06	11.99	20.33	14.91	10.22	5.72	7.89	9.34	5.54	4.05
14	6.72	4.46	8.64	11.64	18.85	13.60	10.44	7.77	7.63	8.60	5.07	3.99
15	6.41	4.44	8.57	11.28	18.04	12.23	10.28	9.84	7.52	7.83	4.80	3.96
16	5.99	4.47	8.40	10.84	17.40	11.43	9.78	10.54	7.62	7.17	4.55	3.98
17	5.64	4.57	8.21	10.44	16.93	10.93	9.27	10.08	8.86	6.87	4.40	4.19
18	5.36	5.24	7.97	11.16	16.69	10.40	8.86	9.79	8.68	6.68	4.30	4.27
19	5.18	6.94	7.73	11.21	16.45	9.92	8.44	9.31	7.69	6.59	4.20	4.25
20	5.05	7.21	7.49	10.82	16.09	9.48	7.91	8.80	7.39	6.46	4.13	4.15
21	4.94	7.12	7.25	10.46	15.56	9.06	7.35	8.51	7.32	6.23	4.31	4.42
22	4.84	6.92	7.04	9.97	14.66	8.65	6.84	7.87	7.76	5.92	4.80	4.79
23	4.75	6.62	7.19	9.53	13.62	8.27	6.41	7.21	7.84	5.60	6.47	5.03
24	4.68	6.72	8.68	9.22	13.31	7.95	6.07	6.69	9.57	5.32	7.11	5.18
25	4.60	7.28	8.83	10.91	13.12	7.76	5.99	6.27	10.43	5.10	5.98	5.21
26	4.73	7.20	8.59	13.09	14.59	7.62	8.43	5.96	10.98	4.93	6.42	5.29
27	5.27	9.08	8.50	13.02	15.13	7.43	8.67	5.79	10.50	4.84	5.88	5.06
28	5.33	11.44	8.31	12.99	15.30	7.20	8.68	5.61	10.53	4.78	5.28	4.83
29	5.31	11.03	9.41	12.65	15.56	7.01	8.44	5.57	11.29	4.83	5.31	4.53
30	5.21	11.19	12.07	12.26	---	6.86	7.84	5.42	13.31	4.82	5.09	4.27
31	5.07	---	11.75	12.07	---	6.75	---	6.66	---	4.67	5.02	---
MEAN	5.14	6.07	8.94	11.53	16.27	11.88	7.64	7.31	8.87	8.91	5.34	4.57
MAX	6.72	11.44	12.07	13.09	23.08	16.55	10.44	10.54	13.31	14.43	7.11	5.29
MIN	4.40	4.44	7.04	9.22	9.79	6.75	5.93	5.42	7.32	4.67	4.13	3.96

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

LOCATION.--Lat 32°35'18", long 89°27'54", in NE1/4 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, 1 mi south of city limits 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 18, 1939, nonrecording gage and June 18, 1939 to July 13, 1953, water-stage recorder and nonrecording gage, at site 0.2 mi upstream at same datum. Water-stage recorder, on south canal right bank at upstream side of bridge on State Highway 35, 1 mi south of north canal gage. Prior to Nov. 24, 1943, nonrecording gage and Nov. 24,1943 to Oct. 21, 1959, water-stage recorder, on south canal at site 1,800 ft downstream, at same datum. Prior to Oct. 1, 1971, at datum 10.00 ft higher.

REMARKS.--Estimated daily discharges: Nov. 24,25, Dec. 14, Feb. 2-4, Apr. 2-10, 17-19, 21-25, May 9-12, 24,25, Aug. 19-22 and Sept. 22-30. Records are fair except for estimated daily discharges, which are poor. Discharge computed by combining flow of individually rated channels. Satellite telemeter and National Weather Service 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)
Nov. 29	2145	6,480	26.60	Feb. 27	1830	4,050	25.11
Jan. 7	2030	4,080	24.97	Mar. 8	0915	4,570	25.67
Feb. 6	2300	*20,000	*29.02	Jun. 30	2115	4,240	25.56

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	52	2360	2050	274	576	136	125	1700	3800	143	83
2	37	52	457	603	e230	511	e124	911	1460	3800	91	68
3	35	51	244	356	e211	557	e115	840	828	3950	67	78
4	34	52	211	288	e196	481	e105	438	499	3120	55	1450
5	34	54	197	1690	2800	443	e99	191	375	1010	50	1630
6	35	85	166	3130	12800	3740	e92	129	228	303	46	460
7	37	102	141	3920	16600	4350	e87	102	390	199	50	167
8	41	76	129	3080	8330	4430	e88	81	464	339	44	91
9	48	67	127	2550	4170	2080	e98	e66	302	1630	64	57
10	301	61	244	2370	1330	579	e86	e57	160	1350	212	44
11	675	55	359	1650	848	395	247	e50	106	781	244	37
12	445	54	263	709	1880	330	661	e63	77	270	313	34
13	249	53	224	433	2180	302	628	201	62	161	170	32
14	123	51	e393	348	1670	270	401	311	79	141	85	31
15	80	49	338	309	1990	256	224	776	339	118	57	28
16	64	54	263	265	2020	272	164	1110	373	121	46	28
17	58	67	210	300	1410	268	e122	861	319	208	42	48
18	53	136	162	1510	707	236	e92	579	195	143	40	69
19	53	394	140	1600	498	206	e80	544	103	110	e39	54
20	51	294	122	942	429	190	72	451	75	80	e38	44
21	52	146	110	436	385	174	e72	232	61	63	e40	36
22	50	94	106	305	332	155	e66	133	126	54	e43	e32
23	49	75	134	252	820	139	e60	96	226	50	792	e30
24	46	e133	419	237	2380	130	e57	e79	310	184	1640	e27
25	44	e208	421	1520	2870	128	e116	e59	321	246	1190	e25
26	48	174	267	3120	3820	130	1580	51	593	102	343	e23
27	67	1510	186	3230	3990	125	1370	44	721	60	147	e23
28	78	3510	151	1840	3090	128	629	41	694	52	101	e22
29	67	5510	1060	542	1020	130	204	75	850	51	204	e21
30	59	5440	2890	389	---	137	121	96	3620	49	167	e23
31	54	---	2910	324	---	148	---	824	---	81	101	---
TOTAL	3107	18659	15404	40298	79280	21996	7996	9616	15656	22626	6664	4795
MEAN	100	622	497	1300	2734	710	267	310	522	730	215	160
MAX	675	5510	2910	3920	16600	4430	1580	1110	3620	3950	1640	1630
MIN	34	49	106	237	196	125	57	41	61	49	38	21
CFSM	0.24	1.51	1.21	3.16	6.65	1.73	0.65	0.75	1.27	1.78	0.52	0.39
IN.	0.28	1.69	1.39	3.65	7.18	1.99	0.72	0.87	1.42	2.05	0.60	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

MEAN	128	311	607	1041	1291	1200	1059	483	187	204	116	93.6
MAX	1433	1657	3025	4061	4111	4089	3842	2482	839	2001	752	1244
(WY)	1976	1958	1962	1990	1990	1980	2003	1983	2003	1940	1982	1979
MIN	4.53	9.20	50.0	82.6	61.1	189	47.4	23.9	11.8	12.4	9.00	4.13
(WY)	1955	1954	1939	2000	2000	1967	1967	2000	1972	2000	1956	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	373422		246097			
ANNUAL MEAN	1023		672		556	
HIGHEST ANNUAL MEAN					1303	1983
LOWEST ANNUAL MEAN					96.9	2000
HIGHEST DAILY MEAN	46700	Apr 8	16600	Feb 7	46700	Apr 8 2003
LOWEST DAILY MEAN	34	Oct 4	21	Sep 29	2.3	Sep 9 2000
ANNUAL SEVEN-DAY MINIMUM	36	Oct 1	23	Sep 24	3.3	Sep 26 1954
MAXIMUM PEAK FLOW			20000	Feb 6	56000	Apr 8 2003
MAXIMUM PEAK STAGE			29.02	Feb 6	33.00a	Jan 7 1950
ANNUAL RUNOFF (CFSM)	2.49		1.64		1.35	
ANNUAL RUNOFF (INCHES)	33.80		22.27		18.38	
10 PERCENT EXCEEDS	2550		1910		1470	
50 PERCENT EXCEEDS	189		172		109	
90 PERCENT EXCEEDS	54		45		16	

e Estimated
a To present datum.

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.67	11.71	21.19	19.41	13.25	14.98	12.60	12.28	18.30	24.64	11.58	11.94
2	11.52	11.69	14.32	14.56	---	14.70	12.46	16.02	17.29	24.24	11.74	11.77
3	11.51	11.68	12.98	13.54	---	14.99	12.39	15.42	15.03	24.74	11.61	11.78
4	11.49	11.72	12.80	13.23	---	14.64	12.30	13.68	13.62	22.91	11.53	18.46
5	11.49	11.74	12.76	18.53	19.11	14.40	12.25	12.74	12.91	16.35	11.51	18.87
6	11.49	12.06	12.56	22.95	27.79	24.18	12.19	12.37	12.73	13.27	11.48	14.15
7	11.51	12.26	12.39	24.67	28.51	25.20	12.16	12.14	14.04	12.61	11.58	12.64
8	11.57	12.02	12.31	22.75	27.08	25.54	12.19	11.99	13.51	13.17	11.50	12.13
9	11.64	11.91	12.30	21.48	24.81	20.38	12.33	11.87	12.80	18.03	11.70	11.87
10	13.04	11.84	13.06	20.57	18.15	15.04	12.22	11.79	12.26	16.87	13.30	11.73
11	15.21	11.78	13.78	18.44	16.13	14.17	13.51	11.71	11.98	14.49	13.61	11.63
12	14.60	11.76	13.12	15.16	19.51	13.87	15.64	11.77	11.79	12.75	14.08	11.58
13	13.48	11.78	12.82	14.01	20.06	13.75	15.44	12.93	11.66	12.26	12.72	11.56
14	12.39	11.77	---	13.61	18.42	13.52	14.41	13.57	11.83	12.03	11.98	11.55
15	12.01	11.77	13.35	13.40	19.76	13.48	13.27	15.79	13.95	11.91	11.68	11.50
16	11.86	11.82	12.99	13.18	19.51	13.59	12.79	16.42	14.24	12.11	11.56	11.51
17	11.79	11.93	12.76	13.34	17.67	13.56	12.50	14.92	13.48	13.10	11.49	11.78
18	11.73	12.25	12.47	18.26	15.31	13.28	12.22	13.62	12.46	12.48	11.47	12.07
19	11.72	13.78	12.33	18.08	14.51	13.11	12.13	13.98	12.03	12.18	11.50	11.82
20	11.70	13.49	12.22	15.80	14.23	13.01	12.03	13.65	11.81	11.87	11.53	11.67
21	11.69	12.50	12.14	13.92	14.02	12.88	---	12.73	11.67	11.70	11.64	11.58
22	11.68	12.14	12.12	13.33	13.77	12.73	11.96	12.25	12.20	11.58	11.77	11.56
23	11.64	11.97	12.27	13.07	15.76	12.60	11.88	12.04	13.04	11.54	16.13	11.60
24	11.61	12.42	13.74	12.97	20.99	12.54	11.85	11.88	13.44	11.53	19.11	11.63
25	11.61	13.11	13.57	17.89	22.13	12.51	12.28	11.76	13.60	11.85	17.38	11.66
26	11.66	12.48	12.94	22.85	24.68	12.50	18.73	11.68	14.99	11.52	13.62	11.73
27	11.85	17.55	12.54	22.81	25.01	12.47	17.36	11.60	14.35	11.45	12.38	11.76
28	11.92	23.80	12.35	18.94	23.01	12.50	14.48	11.55	14.11	11.46	12.05	11.78
29	11.84	26.16	15.98	14.35	16.81	12.53	12.78	11.91	14.90	11.50	13.13	11.81
30	11.78	26.16	22.22	13.75	---	12.59	12.28	12.22	24.38	11.50	12.81	11.77
31	11.73	---	21.95	13.50	---	12.71	---	15.17	---	11.54	12.15	---
MEAN	12.01	13.63	---	16.85	---	14.77	---	13.01	13.81	14.17	12.62	12.30
MAX	15.21	26.16	---	24.67	---	25.54	---	16.42	24.38	24.74	19.11	18.87
MIN	11.49	11.68	---	12.97	---	12.47	---	11.55	11.66	11.45	11.47	11.50

02483500 PEARL RIVER NEAR LENA, MS

LOCATION.--Lat 32°40'02", long 89°38'45", in SE1/4 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 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, Oct. 1994 to current year. Daily mean gage heights published since October 1994. 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 NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Jan. 1984 at site of old Highway 13 bridge, .3 mi upstream at datum 0.5 ft lower.

REMARKS.--Estimated daily discharges: Jan. 13, May 4, Jun. 9-16, Jul. 22 - Aug. 2 and Aug. 31 - Sept. 3. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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.

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)
Feb. 8	1030	*27,500	*25.07	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	317	351	8490	6610	3720	7880	1060	1290	3230	10100	e323	e500
2	282	319	7610	5920	3080	7430	1040	1620	3960	10200	e380	e475
3	258	298	4250	4390	2660	7450	1010	2240	3670	10200	614	e460
4	243	285	3220	3700	2360	7120	979	e1920	2950	9930	729	755
5	230	276	2770	3630	3200	6460	948	1510	2470	8930	710	1750
6	221	273	2440	5280	10100	8050	920	1260	1920	6750	574	1430
7	219	300	2220	6050	19400	10500	894	1080	1820	5740	473	814
8	220	312	2040	6640	26900	11400	874	994	1510	5380	441	611
9	225	297	1820	7470	25100	11300	863	963	e1640	6180	407	483
10	285	283	1640	7410	23500	9860	864	938	e1600	6160	745	403
11	944	270	1710	6690	20400	7960	1320	894	e1550	4580	710	352
12	1130	262	1680	5630	17700	7160	2340	851	e1420	2980	885	320
13	1040	247	1640	e4200	15100	6230	2840	820	e1320	2160	840	295
14	1030	237	1940	3750	12700	5090	2810	1040	e1350	1690	517	277
15	1030	232	2080	3400	11200	3920	2580	2010	e1280	1310	418	264
16	887	246	1910	3040	10600	3160	2380	3900	e1640	1030	389	259
17	615	255	1760	2740	9990	2790	2120	4040	2420	931	353	267
18	498	362	1620	3500	9130	2500	1860	3760	2370	879	320	304
19	416	863	1460	4750	8300	2250	1580	3820	1920	801	296	320
20	381	1160	1320	4480	7800	2030	1390	3680	1610	776	283	305
21	359	1100	1210	3520	7290	1820	1210	3140	1530	696	316	305
22	334	1030	1130	2820	6530	1610	1080	2310	1540	e580	339	343
23	310	988	1180	2420	5550	1440	1010	1550	1600	e470	772	379
24	290	998	1780	2150	6010	1320	977	1170	2370	e420	2330	408
25	274	1170	2170	3470	6540	1230	964	997	2860	e400	1860	418
26	332	1250	2080	7080	7470	1190	1810	914	3580	e370	1300	420
27	349	2120	2010	7850	8680	1150	2940	888	3570	e355	858	413
28	414	5000	1960	7720	9340	1110	2570	875	3610	e350	661	378
29	467	5890	2480	6580	9260	1090	1890	863	4360	e330	1040	341
30	446	6730	5840	4950	---	1080	1460	848	8160	e335	839	305
31	395	---	6720	4350	---	1070	---	1230	---	e320	e550	---
TOTAL	14441	33404	82180	152190	309610	144650	46583	53415	74830	101333	21272	14354
MEAN	466	1113	2651	4909	10680	4666	1553	1723	2494	3269	686	478
MAX	1130	6730	8490	7850	26900	11400	2940	4040	8160	10200	2330	1750
MIN	219	232	1130	2150	2360	1070	863	820	1280	320	283	259
MED	349	316	1960	4480	9130	3160	1260	1230	1920	1030	574	378
CFSM	0.24	0.56	1.34	2.48	5.39	2.36	0.78	0.87	1.26	1.65	0.35	0.24
IN.	0.27	0.63	1.54	2.86	5.81	2.72	0.87	1.00	1.41	1.90	0.40	0.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2004, BY WATER YEAR (WY)

MEAN	477	866	2122	4653	6277	5572	4492	2037	1127	1192	632	453
MAX	4905	5076	8928	14570	12920	10310	11520	9072	4860	9383	2372	2607
(WY)	2003	2003	1949	1949	1946	1944	1938	1953	1997	1940	2003	2001
MIN	50.0	70.0	250	474	518	1175	1460	268	165	84.5	87.1	58.4
(WY)	1944	1937	1939	2000	2000	2000	1942	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1937 - 2004	
ANNUAL TOTAL	1484780		1048262			
ANNUAL MEAN	4068		2864		2472	
HIGHEST ANNUAL MEAN					4934	2003
LOWEST ANNUAL MEAN					873	2000
HIGHEST DAILY MEAN	44700	Feb 24	26900	Feb 8	45500	Jan 8 1950
LOWEST DAILY MEAN	219	Oct 7	219	Oct 7	35	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	231	Oct 3	231	Oct 3	40	Sep 1 2000
MAXIMUM PEAK FLOW			27500	Feb 8	46500	Jan 8 1950
MAXIMUM PEAK STAGE			25.07	Feb 8	28.56a	Jan 8 1950
INSTANTANEOUS LOW FLOW			215	Oct 6,7,8	30	Sep 6 2000
ANNUAL RUNOFF (CFSM)	2.05		1.45		1.25	
ANNUAL RUNOFF (INCHES)	27.88		19.68		16.95	
10 PERCENT EXCEEDS	8830		7470		6860	
50 PERCENT EXCEEDS	1880		1440		840	
90 PERCENT EXCEEDS	333		308		125	

e Estimated
a To present datum.

02483500 PEARL RIVER NEAR LENA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.79	4.92	16.08	14.07	10.66	15.45	6.12	6.67	9.98	17.66	---	---
2	4.71	4.84	15.14	13.30	9.78	14.98	6.06	7.32	10.98	17.77	---	---
3	4.65	4.79	11.32	11.52	9.14	14.99	5.99	8.47	10.71	17.73	5.61	---
4	4.61	4.75	9.97	10.64	8.66	14.63	5.91	---	9.64	17.51	5.89	5.73
5	4.58	4.73	9.30	10.53	9.77	13.90	5.83	7.12	8.86	16.56	5.85	7.96
6	4.56	4.72	8.79	12.57	17.54	15.76	5.76	6.59	7.90	14.33	5.50	7.31
7	4.56	4.79	8.43	13.43	23.04	18.09	5.70	6.16	7.71	13.24	5.25	5.88
8	4.56	4.82	8.12	14.10	24.97	18.79	5.65	5.95	7.13	12.88	5.17	5.37
9	4.57	4.78	7.72	15.02	24.66	18.72	5.62	5.87	---	13.80	5.09	5.05
10	4.72	4.76	7.39	14.95	24.35	17.41	5.62	5.81	---	13.80	5.93	4.85
11	6.37	4.72	7.51	14.16	23.65	15.53	6.67	5.69	---	12.01	5.85	4.72
12	6.84	4.71	7.45	12.96	22.77	14.68	8.61	5.59	---	9.92	6.28	4.64
13	6.61	4.67	7.37	---	21.52	13.63	9.42	5.51	---	8.64	6.17	4.58
14	6.58	4.64	7.93	10.70	19.83	12.35	9.36	6.05	---	7.83	5.36	4.53
15	6.59	4.63	8.19	10.22	18.65	10.92	9.05	8.04	---	7.07	5.12	4.50
16	6.24	4.67	7.88	9.71	18.13	9.88	8.69	10.89	---	6.46	5.04	4.49
17	5.56	4.69	7.60	9.27	17.54	9.35	8.26	11.08	8.76	6.23	4.95	4.51
18	5.24	4.95	7.34	10.43	16.71	8.88	7.79	10.72	8.67	6.13	4.87	4.60
19	5.06	6.16	7.02	11.96	15.88	8.47	7.27	10.80	7.91	5.96	4.81	4.64
20	4.97	6.86	6.72	11.63	15.37	8.11	6.88	10.61	7.31	5.92	4.78	4.60
21	4.92	6.65	6.48	10.38	14.82	7.71	6.48	9.86	7.16	5.75	4.86	4.60
22	4.86	6.44	6.27	9.38	13.98	7.32	6.15	8.56	7.18	---	4.92	4.70
23	4.80	6.29	6.40	8.76	12.88	6.98	5.98	7.19	7.29	---	5.89	4.79
24	4.76	6.27	7.64	8.32	13.39	6.72	5.90	6.38	8.66	---	9.00	4.86
25	4.72	6.64	8.34	10.17	13.99	6.53	5.87	5.95	9.45	---	8.18	4.89
26	4.86	6.81	8.18	14.59	15.01	6.44	7.58	5.75	10.48	---	7.05	4.89
27	4.90	8.31	8.06	15.42	16.27	6.34	9.62	5.68	10.46	---	5.99	4.87
28	5.07	12.38	7.97	15.29	16.92	6.23	8.99	5.65	10.52	---	5.49	4.79
29	5.20	13.36	8.80	14.03	16.84	6.19	7.85	5.62	11.47	---	6.44	4.69
30	5.15	14.25	13.20	12.20	---	6.16	7.02	5.58	15.71	---	5.94	4.60
31	5.02	---	14.19	11.48	---	6.14	---	6.44	---	---	---	---
MEAN	5.18	6.20	8.80	---	16.78	11.20	7.06	---	---	---	---	---
MAX	6.84	14.25	16.08	---	24.97	18.79	9.62	---	---	---	---	---
MIN	4.56	4.63	6.27	---	8.66	6.14	5.62	---	---	---	---	---
MED	4.90	4.83	7.97	---	16.71	9.88	6.58	---	---	---	---	---

02484000 YOCKANOOKANY RIVER NEAR KOSCIUSKO, MS

LOCATION.--Lat 33°01'56", 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 NGVD of 1929, (levels by U. S. Army Corps of Engineers). Prior to Mar. 28, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Dec. 17-22, 29,30 and Aug. 16-17. Records good except for estimated daily 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)
Feb. 8	0500	*5,240	*14.62	Jun. 27	2200	4,000	13.84
Mar. 4	2100	3,800	13.59				
May 16	1400	3,580	13.54				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	37	588	808	169	521	127	76	806	3170	510	37
2	28	36	239	329	156	1170	122	90	381	2600	421	32
3	27	35	176	248	150	2690	118	104	190	2520	121	28
4	26	33	401	211	139	3440	115	82	197	2110	65	388
5	26	32	455	223	1120	3350	111	65	131	819	49	259
6	25	33	269	271	4000	2560	112	57	98	271	68	96
7	24	33	188	207	4590	2410	111	60	355	246	66	56
8	25	33	155	201	4910	2090	139	48	255	277	42	40
9	27	33	140	749	3220	1230	174	42	138	634	35	32
10	825	32	349	794	1530	461	143	39	105	742	54	27
11	1820	31	497	413	861	326	298	38	81	275	66	26
12	1040	31	282	263	1440	277	620	36	67	145	73	24
13	195	31	245	209	2060	244	842	55	60	104	52	23
14	97	31	373	188	1940	223	692	346	470	84	38	24
15	68	31	298	180	2320	244	333	1540	836	71	31	24
16	54	32	216	160	2700	373	206	3310	548	61	e26	27
17	45	79	e184	161	2550	463	152	3140	937	162	e24	34
18	41	166	e160	334	2280	311	123	2220	913	167	23	51
19	38	663	e131	393	1130	240	103	643	503	122	24	44
20	36	446	e110	258	383	208	88	236	219	83	35	33
21	33	188	e99	189	266	189	77	148	135	63	73	27
22	30	121	e90	162	210	172	74	116	241	54	65	25
23	30	96	317	146	305	158	71	95	293	46	53	24
24	28	454	1040	145	881	149	64	81	368	42	120	23
25	27	607	780	897	1260	148	67	72	738	37	54	23
26	100	274	335	1890	1920	161	138	66	1510	34	40	22
27	159	725	223	1830	2500	148	150	71	3260	33	33	23
28	92	1610	181	822	2260	135	96	65	3820	32	46	21
29	66	2080	e200	302	1600	133	74	75	3530	31	100	20
30	49	1670	e1570	225	---	132	61	89	3780	30	73	20
31	40	---	1660	193	---	133	---	650	---	119	49	---
TOTAL	5150	9703	11951	13401	48850	24489	5601	13755	24965	15184	2529	1533
MEAN	166	323	386	432	1684	790	187	444	832	490	81.6	51.1
MAX	1820	2080	1660	1890	4910	3440	842	3310	3820	3170	510	388
MIN	24	31	90	145	139	132	61	36	60	30	23	20
CFSM	0.55	1.07	1.27	1.43	5.56	2.61	0.62	1.46	2.75	1.62	0.27	0.17
IN.	0.63	1.19	1.47	1.65	6.00	3.01	0.69	1.69	3.07	1.86	0.31	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2004, BY WATER YEAR (WY)

MEAN	93.0	266	575	833	990	951	789	411	179	171	72.8	77.2
MAX	748	1694	3640	3010	2318	3132	3818	2756	1322	1241	492	687
(WY)	1976	1980	1983	1974	1951	1980	1979	1991	1997	1989	1975	1979
MIN	5.28	15.3	43.5	49.4	61.8	177	50.4	20.6	11.5	10.7	3.95	4.56
(WY)	1944	1954	1944	1956	2000	1966	1967	1963	1988	2000	1943	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	189232		177111			
ANNUAL MEAN	518		484		448	
HIGHEST ANNUAL MEAN					1217	1983
LOWEST ANNUAL MEAN					90.6	1963
HIGHEST DAILY MEAN	7830	Feb 23	4910	Feb 8	34300	Apr 13 1979
LOWEST DAILY MEAN	24	Oct 7	20	Sep 29	2.0	Oct 31 2000
ANNUAL SEVEN-DAY MINIMUM	26	Oct 3	22	Sep 24	2.2	Oct 28 2000
MAXIMUM PEAK FLOW			5240	Feb 8	40700	Apr 13 1979
MAXIMUM PEAK STAGE			14.62	Feb 8	23.06	Apr 13 1979
INSTANTANEOUS LOW FLOW			20	Sep 29,30	2.0	Oct 29 2000
ANNUAL RUNOFF (CFSM)	1.71		1.60		1.48	
ANNUAL RUNOFF (INCHES)	23.23		21.74		20.09	
10 PERCENT EXCEEDS	1560		1620		1250	
50 PERCENT EXCEEDS	163		147		94	
90 PERCENT EXCEEDS	33		31		14	

e Estimated

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS

LOCATION.--Lat 32°42'22", long 89°40'19", 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 10, 1988, at datum 5.00 ft. higher. Prior to Sept. 5, 1962, nonrecording gage at same site.

REMARKS.--Estimated daily discharges: Oct. 2-7 and May 8-14. 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 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)
Feb. 10	1630	*4,950	*20.46	Jun. 30	1730	4,450	20.04
Mar. 7	1345	3,210	18.36	Jul. 4	0000	3,400	18.68

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	80	999	786	617	2030	136	142	438	3870	51	129
2	e62	69	1250	1010	393	1950	132	120	601	3380	85	99
3	e56	60	1290	1170	302	1720	125	127	739	3750	217	81
4	e53	56	1020	1020	254	1370	118	127	739	2970	285	136
5	e49	56	596	714	487	1550	113	128	548	2360	259	484
6	e47	56	407	544	1590	2420	108	108	369	2010	138	356
7	e46	55	406	441	2080	3140	103	93	250	1720	85	347
8	46	50	433	436	2940	2820	105	e86	191	1260	78	248
9	46	49	373	714	4030	2250	103	e78	279	791	84	138
10	59	49	298	675	4820	1890	121	e72	317	576	324	95
11	64	48	259	627	4350	1580	174	e68	234	580	308	76
12	194	48	299	716	3410	1190	211	e62	160	638	453	66
13	359	45	386	748	2590	734	310	e61	120	639	299	60
14	586	44	491	610	1970	480	390	e59	96	450	130	56
15	731	44	451	441	1980	370	470	112	95	261	93	54
16	467	46	408	339	2320	319	568	339	226	193	72	52
17	243	47	402	300	2480	312	536	606	445	178	61	50
18	125	64	372	331	2490	336	366	1150	605	176	55	51
19	99	122	301	381	2380	381	231	1900	687	188	51	52
20	84	201	234	394	2230	383	173	2130	737	209	50	56
21	75	274	193	423	1930	322	142	1720	748	169	65	60
22	69	349	169	425	1370	260	121	1060	603	127	101	55
23	64	399	218	349	859	220	108	456	529	101	231	49
24	58	358	356	276	698	194	102	238	666	93	236	45
25	54	279	383	768	638	175	101	170	647	90	123	42
26	73	322	524	1370	803	164	113	136	865	161	141	40
27	66	558	706	1100	1090	158	114	115	835	106	102	39
28	115	697	718	1150	1450	166	159	101	1210	75	147	39
29	173	662	667	1340	1840	154	174	104	2450	60	877	38
30	137	733	857	1390	---	142	141	97	4200	55	240	37
31	101	---	696	1080	---	137	---	166	---	52	163	---
TOTAL	4485	5920	16162	22068	54391	29317	5868	11931	20629	27288	5604	3130
MEAN	145	197	521	712	1876	946	196	385	688	880	181	104
MAX	731	733	1290	1390	4820	3140	568	2130	4200	3870	877	484
MIN	46	44	169	276	254	137	101	59	95	52	50	37
CFSM	0.31	0.42	1.11	1.52	4.00	2.02	0.42	0.82	1.47	1.88	0.39	0.22
IN.	0.36	0.47	1.28	1.75	4.31	2.33	0.47	0.95	1.64	2.16	0.44	0.25
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2004, BY WATER YEAR (WY)												
MEAN	136	330	814	1265	1480	1431	1306	691	248	209	118	102
MAX	1073	2132	5617	5142	3433	4278	6209	3690	1234	1461	719	1100
(WY)	1976	1980	1983	1974	1946	1980	1979	1983	1997	1989	1975	1979
MIN	10.6	17.5	50.0	62.8	113	309	108	45.6	18.4	18.6	9.20	7.46
(WY)	1956	1954	1944	1956	2000	2000	1963	1963	1988	2000	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1944 - 2004	
ANNUAL TOTAL	253717		206793			
ANNUAL MEAN	695		565		673	
HIGHEST ANNUAL MEAN					1868	1983
LOWEST ANNUAL MEAN					131	1963
HIGHEST DAILY MEAN	8150	Feb 25	4820	Feb 10	40900	Apr 15 1979
LOWEST DAILY MEAN	44	Nov 14	37	Sep 30	5.3	Aug 20 1954
ANNUAL SEVEN-DAY MINIMUM	46	Nov 11	40	Sep 24	6.3	Sep 7 1954
MAXIMUM PEAK FLOW			4950	Feb 10	46500	Apr 14 1979
MAXIMUM PEAK STAGE			20.46	Feb 10	28.27a	Apr 14 1979
INSTANTANEOUS LOW FLOW			36	Sep 30	4.9	Aug 20 1954
ANNUAL RUNOFF (CFSM)	1.48		1.20		1.44	
ANNUAL RUNOFF (INCHES)	20.12		16.40		19.51	
10 PERCENT EXCEEDS	1540		1630		1810	
50 PERCENT EXCEEDS	268		256		176	
90 PERCENT EXCEEDS	60		55		27	

e Estimated
a To present datum.

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.84	5.97	12.00	11.01	10.12	15.66	6.69	6.76	8.89	19.36	5.53	6.27
2	---	5.82	13.07	12.06	8.80	15.44	6.65	6.51	9.84	18.64	6.00	5.91
3	---	5.69	13.20	12.71	8.16	14.74	6.57	6.60	10.60	19.22	7.44	5.67
4	---	5.63	12.09	12.09	7.79	13.52	6.49	6.59	10.60	17.90	8.00	6.16
5	---	5.63	10.0	10.64	9.13	14.16	6.43	6.60	9.54	16.54	7.77	9.02
6	---	5.63	8.90	9.72	14.30	16.65	6.36	6.37	8.44	15.62	6.64	8.23
7	---	5.62	8.89	9.11	15.78	18.24	6.31	6.17	7.55	14.73	5.99	8.17
8	5.25	5.53	9.06	9.08	17.81	17.61	6.33	---	7.05	13.05	5.88	7.42
9	5.25	5.51	8.67	10.64	19.56	16.25	6.30	---	7.79	10.93	5.96	6.40
10	5.47	5.51	8.13	10.44	20.35	15.27	6.52	---	8.08	9.80	7.90	5.90
11	5.55	5.49	7.83	10.19	19.91	14.26	7.08	---	7.42	9.83	7.98	5.66
12	7.03	5.48	8.14	10.66	18.68	12.78	7.42	---	6.74	10.16	8.91	5.51
13	6.39	5.45	8.75	10.82	17.08	10.73	8.22	---	6.31	10.18	7.90	5.42
14	9.74	5.42	9.41	10.09	15.48	9.34	8.78	---	6.02	9.09	6.46	5.37
15	10.55	5.41	9.17	9.11	15.52	8.65	9.29	6.31	6.00	7.78	6.01	5.34
16	9.03	5.45	8.90	8.44	16.43	8.30	9.86	8.35	7.33	7.21	5.70	5.31
17	7.51	5.47	8.86	8.15	16.84	8.24	9.67	9.95	8.93	7.08	5.52	5.29
18	6.39	5.75	8.66	8.38	16.85	8.41	8.61	12.57	9.86	7.07	5.41	5.31
19	6.08	6.53	8.16	8.72	16.59	8.72	7.60	15.26	10.31	7.19	5.33	5.34
20	5.90	7.33	7.62	8.81	16.21	8.74	7.07	15.94	10.59	7.40	5.30	5.41
21	5.79	7.95	7.26	9.00	15.37	8.31	6.75	14.73	10.65	7.02	5.52	5.50
22	5.70	8.50	7.03	9.01	13.47	7.84	6.52	12.11	9.85	6.58	6.02	5.41
23	5.63	8.84	7.45	8.50	11.36	7.50	6.37	8.97	9.43	6.27	7.33	5.32
24	5.56	8.56	8.56	7.97	10.56	7.28	6.29	7.45	10.19	6.17	7.33	5.26
25	5.50	7.99	8.74	10.62	10.25	7.09	6.28	6.85	10.09	6.13	6.24	5.21
26	5.81	8.31	9.60	13.51	11.09	6.98	6.43	6.49	11.25	6.89	6.44	5.18
27	5.71	9.77	10.61	12.42	12.41	6.93	6.44	6.25	11.10	6.32	5.97	5.17
28	6.36	10.56	10.67	12.63	13.82	7.00	6.93	6.08	12.77	5.91	6.22	5.16
29	7.02	10.38	10.38	13.39	15.10	6.88	7.08	6.12	16.65	5.69	11.16	5.15
30	6.65	10.74	11.35	13.58	---	6.76	6.75	6.03	19.77	5.60	7.29	5.15
31	6.24	---	10.55	12.34	---	6.70	---	6.74	---	5.55	6.64	---
MEAN	---	6.86	9.41	10.45	14.30	10.81	7.14	---	9.65	9.90	6.70	5.85
MAX	---	10.74	13.20	13.58	20.35	18.24	9.86	---	19.77	19.36	11.16	9.02
MIN	---	5.41	7.03	7.97	7.79	6.70	6.28	---	6.00	5.55	5.30	5.15

02484650 PEARL RIVER AT RATLIFF'S FERRY NEAR RATLIFF, MS

LOCATION.--Lat 32°35'39", long 89°50'26", in SW1/4 NE1/4 sec.25, T.9 N., R.4 E., Choctaw Meridian, Madison County, Hydrologic Unit 03180002, near right bank, 28.5 miles upstream of the Ross Barnett Dam.

DRAINAGE AREA.--2,638 mi^2.

PERIOD OF RECORD.--May 1998 to September 2001, flood hydrograph. October 2001 to current, stage only.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (U.S. Geological Survey benchmark).

REMARKS.--Records good. Regulation by the Ross Barnett Resevoir.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 14, 1979, gage height, 313.1 ft (from floodmark).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 302.55 ft, Feb. 10, minimum daily, 295.74 ft, Dec. 7.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	297.21	296.79	296.78	297.06	296.13	297.32	295.90	297.31	297.53	298.79	297.17	297.18
2	297.18	296.74	297.01	296.86	296.05	296.97	295.93	297.24	297.66	299.06	297.16	297.19
3	297.20	296.72	296.58	296.56	295.96	296.96	295.98	297.31	297.64	299.22	297.18	297.20
4	297.20	296.70	296.11	296.34	295.81	297.02	295.98	297.35	297.48	299.12	297.22	297.18
5	297.19	296.67	295.89	296.24	295.97	296.80	295.98	297.33	297.39	298.80	297.25	297.23
6	297.18	296.64	295.76	296.42	297.44	296.92	296.03	297.31	297.41	298.23	297.20	297.23
7	297.19	296.61	295.74	296.68	299.92	297.86	296.07	297.34	297.42	297.78	297.21	297.18
8	297.20	296.60	295.80	296.80	301.43	298.56	296.09	297.35	297.36	297.64	297.21	297.18
9	297.21	296.56	295.87	297.07	302.41	298.45	296.09	297.32	297.36	297.63	297.19	297.16
10	297.24	296.58	296.05	297.23	302.50	298.18	296.11	297.35	297.40	297.77	297.21	297.15
11	297.20	296.58	295.91	297.13	302.41	297.62	296.30	297.34	297.41	297.63	297.27	297.16
12	297.23	296.61	295.85	296.90	301.99	297.17	296.62	297.36	297.41	297.42	297.28	297.14
13	297.26	296.46	295.84	296.58	301.19	296.86	296.89	297.34	297.40	297.29	297.27	297.12
14	297.30	296.45	295.89	296.36	300.01	296.57	296.99	297.35	297.41	297.31	297.23	297.10
15	297.21	296.49	295.95	296.20	299.04	296.31	297.06	297.35	297.31	297.28	297.20	297.03
16	297.12	296.48	295.97	296.11	298.55	296.11	297.19	297.53	297.34	297.22	297.17	296.98
17	297.07	296.37	295.92	296.03	298.24	295.98	297.24	297.74	297.37	297.27	297.17	297.06
18	297.00	296.48	295.93	296.02	297.92	295.99	297.27	297.67	297.32	297.16	297.17	297.00
19	297.01	296.40	295.88	296.28	297.67	295.98	297.32	297.65	297.32	297.15	297.15	296.96
20	297.00	296.34	295.84	296.34	297.49	295.97	297.39	297.67	297.25	297.18	297.20	296.95
21	297.01	296.34	295.84	296.17	297.22	295.86	297.41	297.58	297.25	297.21	297.24	296.94
22	297.01	296.30	295.85	296.06	296.96	295.78	297.43	297.53	297.36	297.24	297.25	296.92
23	296.99	296.25	295.96	296.01	296.66	295.81	297.40	297.51	297.32	297.24	297.27	296.91
24	296.98	296.22	295.92	296.02	296.45	295.87	297.40	297.49	297.37	297.22	297.42	296.92
25	296.99	296.16	295.92	296.20	296.61	295.89	297.38	297.50	297.43	297.18	297.42	296.91
26	297.04	296.21	295.92	296.85	296.85	295.87	297.34	297.51	297.45	297.21	297.32	296.89
27	296.98	296.33	295.92	297.38	297.13	295.90	297.44	297.51	297.52	297.19	297.26	296.91
28	296.93	296.48	295.92	297.19	297.27	295.88	297.46	297.51	297.47	297.17	297.26	296.91
29	296.90	296.64	296.09	296.98	297.40	295.84	297.39	297.43	297.52	297.16	297.34	296.88
30	296.89	296.66	296.58	296.59	---	295.84	297.33	297.42	298.04	297.16	297.22	296.86
31	296.84	---	297.04	296.31	---	295.87	---	297.51	---	297.17	297.17	---
MEAN	297.10	296.50	296.05	296.55	298.30	296.58	296.81	297.44	297.43	297.62	297.23	297.05
MAX	297.30	296.79	297.04	297.38	302.50	298.56	297.46	297.74	298.04	299.22	297.42	297.23
MIN	296.84	296.16	295.74	296.01	295.81	295.78	295.90	297.24	297.25	297.15	297.15	296.86
MED	297.12	296.48	295.92	296.42	297.44	296.11	297.13	297.42	297.40	297.27	297.22	297.04

02485700 HANGING MOSS CREEK NEAR JACKSON, MS

LOCATION.--Lat 32°21'54", long 90°08'41", in SW1/4 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 NGVD of 1929. 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 discharges: Dec. 13-22, Feb. 7-14, Apr. 5-24, May 22-24 and Jun. 29. Occasional backwater from the Pearl River. Records fair except for estimated daily discharges, which are poor. Statistics shown below are for water years 1981 to current year, except for instantaneous extremes, which are shown for the entire period of record at the present datum. Telemeter and satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
May 31	0700	*1,750	*14.39				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.25	1.8	2.6	6.5	3.7	6.2	0.75	39	76	177	5.1	0.59
2	0.23	1.1	3.4	5.2	4.3	92	1.2	26	22	108	1.6	0.51
3	0.21	0.52	3.6	4.8	3.4	22	0.91	4.2	88	50	0.91	35
4	0.28	2.7	13	5.9	2.9	6.4	0.84	3.7	14	7.8	0.65	4.8
5	0.39	2.9	3.1	69	279	19	e0.75	2.8	6.6	4.6	1.1	1.2
6	1.3	1.2	2.3	11	81	85	e0.70	2.3	86	3.5	1.7	0.81
7	67	0.54	1.8	4.9	e20	8.6	e0.65	2.2	48	3.3	1.4	0.61
8	9.8	0.74	1.8	88	e10	3.5	e0.60	1.9	8.9	2.3	1.1	0.70
9	4.1	0.27	13	97	e8.0	2.5	e6.0	1.9	5.3	9.2	0.84	0.57
10	97	0.13	28	17	e5.0	1.9	e7.5	3.8	4.3	3.1	2.9	0.33
11	11	0.19	4.9	6.9	e80	2.3	e100	2.4	3.7	1.6	1.9	0.16
12	3.9	0.47	3.1	5.0	e35	1.6	e80	36	3.5	1.3	1.2	0.37
13	1.2	0.35	e75	4.3	e110	1.4	e60	8.0	3.4	1.3	0.84	1.4
14	0.49	0.27	e18	3.7	e143	1.5	e6.0	215	3.7	1.1	0.53	0.39
15	0.77	1.6	e5.0	3.6	98	3.0	e2.9	525	11	2.7	0.26	0.19
16	0.54	17	e4.1	3.7	13	2.0	e2.0	59	42	72	0.11	0.11
17	0.33	4.1	e3.8	89	5.7	1.8	e1.6	25	12	30	0.07	0.07
18	0.24	143	e3.7	57	3.7	1.5	e1.3	261	3.6	4.3	0.11	0.15
19	0.19	15	e2.5	13	3.1	1.2	e1.2	114	2.5	2.2	2.6	0.55
20	0.16	3.0	e2.0	6.9	2.2	1.1	e1.1	14	1.9	1.7	27	1.5
21	0.25	1.8	e2.1	5.3	1.8	1.1	e0.98	5.4	1.5	1.3	68	2.1
22	0.67	0.66	e1.9	4.8	1.5	1.2	e0.90	e3.2	82	1.1	30	2.0
23	0.49	16	187	4.5	94	1.0	e0.86	e2.6	12	2.2	160	1.6
24	0.94	65	26	55	31	1.0	e0.80	e2.2	118	2.7	26	1.2
25	5.6	6.3	7.1	439	66	1.2	44	2.8	95	1.8	2.6	0.76
26	37	3.1	5.2	36	33	0.99	33	2.6	54	1.4	1.5	0.39
27	5.2	253	4.1	9.6	7.7	1.1	4.9	3.1	38	1.1	1.1	0.25
28	3.2	22	3.7	5.2	3.6	1.1	3.1	51	35	0.95	2.7	0.14
29	2.5	5.4	232	4.4	2.8	1.0	2.3	25	e20	0.59	3.6	0.18
30	1.7	3.4	41	5.0	---	0.92	2.5	4.1	30	0.52	0.91	0.25
31	1.1	---	9.8	4.1	---	0.69	---	514	---	1.0	0.65	---
TOTAL	258.03	573.54	714.6	1075.3	1152.4	275.80	369.34	1963.2	931.9	501.66	348.98	58.88
MEAN	8.32	19.1	23.1	34.7	39.7	8.90	12.3	63.3	31.1	16.2	11.3	1.96
MAX	97	253	232	439	279	92	100	525	118	177	160	35
MIN	0.16	0.13	1.8	3.6	1.5	0.69	0.60	1.9	1.5	0.52	0.07	0.07
CFSM	0.50	1.14	1.37	2.06	2.37	0.53	0.73	3.77	1.85	0.96	0.67	0.12
IN.	0.57	1.27	1.58	2.38	2.55	0.61	0.82	4.35	2.06	1.11	0.77	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2004, BY WATER YEAR (WY)

MEAN	10.5	23.0	31.9	43.2	45.6	37.7	48.1	16.6	13.4	11.5	9.04	6.26
MAX	57.3	95.6	201	146	142	95.4	289	63.3	46.5	35.9	31.1	36.9
(WY)	1986	1990	1983	1994	1994	2001	2003	2004	2003	1989	1982	2002
MIN	0.11	2.01	1.59	1.47	1.68	8.90	1.13	1.17	1.55	0.28	0.98	0.59
(WY)	1999	1999	1981	1981	2000	2004	1992	1982	1995	2000	1991	1993

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1981 - 2004	
ANNUAL TOTAL	17882.05		8223.63			
ANNUAL MEAN	49.0		22.5		24.6	
HIGHEST ANNUAL MEAN					57.5	1983
LOWEST ANNUAL MEAN					9.59	2000
HIGHEST DAILY MEAN	6000	Apr 7	525	May 15	6000	Apr 7 2003
LOWEST DAILY MEAN	0.13	Nov 10	0.07	Aug 17	0.01	Sep 19 1988
ANNUAL SEVEN-DAY MINIMUM	0.33	Oct 17	0.33	Oct 17	0.04	Sep 2 1998
MAXIMUM PEAK FLOW			1750	May 31	5320	Apr 29 1953
MAXIMUM PEAK STAGE			14.39	May 31	27.37a	Apr 29 1953
INSTANTANEOUS LOW FLOW			0.06	Aug 17	0.01	Nov 16 1987
ANNUAL RUNOFF (CFSM)	2.92		1.34		1.46	
ANNUAL RUNOFF (INCHES)	39.60		18.21		19.89	
10 PERCENT EXCEEDS	76		70		39	
50 PERCENT EXCEEDS	4.1		3.1		2.2	
90 PERCENT EXCEEDS	0.54		0.52		0.30	

e Estimated
a To present datum.

02485700 HANGING MOSS CREEK NEAR JACKSON, MS

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.08	7.71	7.89	8.16	7.99	8.11	7.68	8.35	8.97	9.38	8.09	7.83
2	7.07	7.59	7.96	8.10	8.03	9.24	7.78	8.53	8.43	9.16	7.81	7.80
3	7.06	7.43	7.91	8.07	7.97	8.64	7.72	8.04	8.99	8.71	7.68	8.37
4	7.12	7.80	8.27	8.07	7.92	8.29	7.70	8.00	8.29	8.16	7.60	8.30
5	7.18	7.86	7.94	8.95	9.77	8.36	7.79	7.92	8.09	8.02	7.64	7.99
6	7.39	7.62	7.86	8.30	9.05	9.17	7.84	7.87	8.70	7.95	7.82	7.90
7	8.26	7.46	7.79	8.07	9.91	8.36	7.94	7.85	8.69	7.94	7.77	7.84
8	7.99	7.54	7.80	8.83	11.08	8.11	8.07	7.82	8.17	7.85	7.72	7.86
9	7.77	7.35	8.04	9.15	11.48	8.02	---	7.82	8.03	8.00	7.66	7.80
10	8.83	7.26	8.55	8.38	11.34	7.95	---	7.89	7.97	7.93	7.80	7.68
11	8.05	7.30	8.07	8.12	11.79	7.98	---	7.88	7.93	7.78	7.85	7.57
12	7.77	7.48	7.94	8.03	11.40	7.90	---	8.55	7.91	7.73	7.75	7.69
13	7.47	7.43	---	7.99	10.59	7.87	---	8.20	7.90	7.74	7.66	---
14	7.29	7.39	---	7.95	9.85	7.88	8.21	9.31	7.88	7.70	7.56	7.67
15	7.39	7.68	---	7.94	9.18	8.06	8.02	10.63	8.09	7.83	7.43	7.55
16	7.32	8.32	---	7.99	8.41	7.97	7.93	8.84	8.55	8.63	7.32	7.47
17	7.23	8.00	---	8.98	8.19	7.93	7.94	8.48	8.23	8.62	7.28	---
18	7.18	9.25	---	8.87	8.08	7.88	7.96	9.60	7.91	8.08	7.31	---
19	7.16	8.37	---	8.36	8.04	7.83	7.99	9.17	7.81	7.90	7.82	---
20	7.15	7.91	---	8.18	7.95	7.81	8.00	8.31	7.73	7.83	8.30	---
21	7.21	7.78	---	8.10	7.91	7.79	8.03	8.08	7.67	7.76	8.91	7.99
22	7.40	7.56	---	8.07	7.87	7.83	8.07	---	8.54	7.72	8.55	7.97
23	7.35	7.75	9.51	8.05	9.12	7.78	7.99	---	8.24	7.84	8.87	7.90
24	7.50	8.88	8.54	8.61	8.77	7.78	7.92	---	9.14	7.95	8.53	7.81
25	7.58	8.14	8.18	10.57	9.09	7.81	8.55	7.79	9.07	7.84	8.03	7.70
26	8.45	7.94	8.10	8.68	8.80	7.76	8.61	7.82	8.73	7.78	7.93	7.55
27	7.97	9.86	8.02	8.26	8.33	7.78	8.07	7.87	8.61	7.71	7.91	7.47
28	7.83	8.50	7.99	8.09	8.13	7.78	7.95	8.30	---	7.69	8.05	7.38
29	7.78	8.09	9.68	8.05	8.05	7.76	7.87	8.40	---	7.58	8.22	7.40
30	7.68	7.96	8.71	8.08	---	7.73	7.89	7.95	---	7.56	7.93	7.43
31	7.57	---	8.27	8.03	---	7.67	---	10.57	---	7.60	7.85	---
MEAN	7.55	7.91	---	8.36	9.11	8.03	---	---	---	8.00	7.89	---
MAX	8.83	9.86	---	10.57	11.79	9.24	---	---	---	9.38	8.91	---
MIN	7.06	7.26	---	7.94	7.87	7.67	---	---	---	7.56	7.28	---

02486000 PEARL RIVER AT JACKSON, MS

LOCATION.--Lat 32°16'53", long 90°10'44", in NW1/4 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 NGVD of 1929. Prior to Dec. 31, 1913, and Aug. 15, 1928 to Sept. 14, 1934, nonrecording gage. Prior to Oct. 1, 1975, at site at Woodrow Wilson Bridge, 0.6 mi upstream, at datum 1.20 ft higher. Since Oct. 1, 1962, supplementary water-stage recorder and concrete control at Jackson waterworks pumping plant, 3.8 mi upstream (channel change). Datum of supplementary gage is 239.40 ft above 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	378	1150	9330	9680	5600	11000	443	2160	10400	11600	609	479
2	387	1010	8760	9970	4460	10900	438	3120	9920	15800	474	384
3	372	503	7750	8080	3640	9650	515	1740	9590	18700	457	659
4	369	593	6650	6170	3680	8450	531	1900	7000	18800	451	2030
5	366	715	5330	5820	6930	10100	525	2110	4040	18000	448	1780
6	368	607	3760	5850	17700	11100	517	1280	2890	16300	475	2220
7	560	345	2570	6780	25400	13100	493	506	4010	12400	460	1650
8	449	373	1660	8040	28900	15700	498	764	2940	8690	439	721
9	371	499	1420	9870	30400	16400	495	891	1540	6440	433	376
10	1210	500	1560	11000	30600	14400	492	617	1590	5690	439	347
11	1690	415	2060	9980	31300	12200	1120	657	1320	6720	498	332
12	1210	360	2320	8280	31800	10100	1120	1080	1310	5180	765	326
13	1210	487	2540	7510	29800	9040	1050	1280	1420	3410	917	346
14	1070	504	2400	6510	27900	7740	1840	1580	2190	1800	914	323
15	2190	493	2070	5200	25400	6590	1530	8290	4220	2070	899	318
16	2560	1010	2430	4230	21700	5470	1290	6560	3280	2150	698	352
17	1410	1870	2340	4750	19000	4420	1750	7080	3560	2380	460	318
18	893	2270	1910	5350	16500	3160	1340	7700	3430	2170	422	303
19	559	2430	1810	4420	13100	2100	821	7620	2250	1050	468	303
20	623	1670	1590	5780	11200	2770	743	5600	2480	633	459	301
21	539	1470	1440	5430	10900	2750	920	5080	1700	641	678	298
22	365	1930	986	3890	9830	2310	974	3440	1420	561	727	293
23	346	2010	2070	2960	9770	1790	981	1680	3370	591	1220	292
24	342	3000	3230	3010	11100	1050	978	1310	3990	971	3720	293
25	338	1690	2690	8300	9310	1140	1570	894	4960	873	3160	288
26	1010	1350	2470	11200	8310	1610	3620	583	4270	726	2710	288
27	1210	6240	2450	11800	9940	1170	2940	730	4940	660	1590	285
28	1300	8670	2260	12700	12000	1780	3260	528	5630	629	1430	293
29	867	8790	4590	10900	11900	1550	2830	2510	4830	498	3180	289
30	675	9320	7510	8600	---	945	2240	934	7330	474	2900	270
31	671	---	8660	6980	---	489	---	6390	---	582	1210	---
TOTAL	25908	62274	108616	229040	478070	200974	37864	86614	121820	167189	33710	16757
MEAN	836	2076	3504	7388	16490	6483	1262	2794	4061	5393	1087	559
MAX	2560	9320	9330	12700	31800	16400	3620	8290	10400	18800	3720	2220
MIN	338	345	986	2960	3640	489	438	506	1310	474	422	270
CFSM	0.26	0.65	1.10	2.33	5.20	2.04	0.40	0.88	1.28	1.70	0.34	0.18
IN.	0.30	0.73	1.27	2.69	5.61	2.36	0.44	1.02	1.43	1.96	0.40	0.20
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)												
MEAN	1162	2075	5636	8339	9218	9360	9113	4415	1593	1237	964	834
MAX	8237	8586	26640	28310	24940	23560	34330	22880	7278	6454	7996	6790
(WY)	2003	2003	1983	1974	1983	1980	1979	1983	1997	1989	1975	1979
MIN	94.7	85.3	271	338	321	1545	448	280	133	180	197	138
(WY)	1964	1964	1963	2000	2000	2000	1986	1992	1963	1984	1969	1963

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1962 - 2004	
ANNUAL TOTAL	2373001		1568836			
ANNUAL MEAN	6501		4286		4472	
HIGHEST ANNUAL MEAN					12000	1983
LOWEST ANNUAL MEAN					942	1963
HIGHEST DAILY MEAN	49800	Feb 24	31800	Feb 12	126000	Apr 17 1979
LOWEST DAILY MEAN	338	Oct 25	270	Sep 30	45	Sep 18 1963
ANNUAL SEVEN-DAY MINIMUM	375	Sep 30	287	Sep 24	63	Sep 17 1963
MAXIMUM PEAK FLOW			32600	Feb 12	128000	Apr 17 1979
MAXIMUM PEAK STAGE			32.07	Feb 12	43.28a	Apr 17 1979
ANNUAL RUNOFF (CFSM)	2.05		1.35		1.41	
ANNUAL RUNOFF (INCHES)	27.84		18.40		19.16	
10 PERCENT EXCEEDS	15200		10900		12900	
50 PERCENT EXCEEDS	2490		1880		1290	
90 PERCENT EXCEEDS	491		386		257	

a To present datum.

02486000 PEARL RIVER AT JACKSON, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.39	6.49	19.25	19.62	14.31	21.00	4.61	8.53	20.37	21.55	5.12	4.72
2	4.42	6.15	18.57	19.92	12.61	20.83	4.59	10.38	19.88	24.95	4.71	4.41
3	4.37	4.80	17.27	17.70	11.31	19.58	4.84	7.76	19.47	26.85	4.66	5.15
4	4.36	5.06	15.79	15.12	11.38	18.18	4.89	8.09	16.27	26.91	4.64	8.34
5	4.35	5.42	13.90	14.62	15.63	20.03	4.87	8.50	11.90	26.43	4.63	7.84
6	4.36	5.09	11.48	14.66	26.03	21.08	4.85	6.73	9.97	25.32	4.71	8.72
7	4.94	4.28	9.37	15.96	29.65	22.93	4.77	4.81	11.91	22.23	4.67	7.56
8	4.63	4.37	7.60	17.65	30.90	24.88	4.79	5.49	10.07	18.44	4.60	5.40
9	4.37	4.79	7.09	19.80	31.39	25.38	4.78	5.84	7.34	15.50	4.58	4.39
10	6.52	4.80	7.39	21.01	31.44	23.99	4.77	5.11	7.45	14.44	4.59	4.29
11	7.66	4.52	8.40	19.92	31.70	22.11	6.39	5.24	6.84	15.89	4.79	4.23
12	6.62	4.33	8.92	17.96	31.84	20.09	6.42	6.17	6.84	13.69	5.54	4.21
13	6.64	4.75	9.31	16.96	31.17	18.91	6.26	6.70	7.06	10.88	5.94	4.28
14	6.30	4.81	9.05	15.59	30.55	17.26	7.97	7.10	8.53	7.88	5.94	4.20
15	8.66	4.77	8.42	13.73	29.64	15.71	7.32	17.97	12.23	8.42	5.90	4.18
16	9.37	6.03	9.14	12.25	28.19	14.12	6.80	15.65	10.68	8.57	5.37	4.30
17	7.02	7.99	8.96	13.03	26.99	12.55	7.78	16.36	11.15	9.03	4.66	4.18
18	5.86	8.61	8.10	13.93	25.40	10.46	6.90	17.20	10.89	8.61	4.54	4.13
19	4.98	9.11	7.90	12.56	22.88	8.48	5.70	17.08	8.78	6.23	4.69	4.13
20	5.16	7.61	7.45	14.56	21.22	9.77	5.47	14.31	9.23	5.19	4.64	4.12
21	4.90	7.19	7.14	14.06	20.84	9.74	5.94	13.54	7.63	5.22	5.31	4.11
22	4.35	8.14	6.11	11.71	19.78	8.91	6.08	10.95	6.89	4.98	5.45	4.09
23	4.28	8.31	8.32	10.12	19.70	7.87	6.10	7.61	10.84	5.07	6.42	4.08
24	4.27	10.18	10.59	10.15	21.07	6.24	6.09	6.85	11.79	6.08	11.43	4.09
25	4.25	7.65	9.62	17.81	19.21	6.43	7.33	5.85	13.35	5.83	10.47	4.07
26	6.14	6.92	9.22	21.16	18.01	7.48	11.27	5.04	12.33	5.45	9.66	4.07
27	6.63	14.98	9.17	21.76	19.88	6.51	10.07	5.45	13.33	5.27	7.42	4.06
28	6.83	18.46	8.80	22.64	22.00	7.85	10.65	4.85	14.35	5.18	7.04	4.09
29	5.80	18.61	12.53	20.91	21.85	7.35	9.88	9.24	13.18	4.79	10.51	4.07
30	5.30	19.24	16.96	18.36	---	5.99	8.75	5.96	16.66	4.71	9.98	4.00
31	5.28	---	18.44	16.24	---	4.76	---	14.64	---	5.01	6.62	---
MEAN	5.58	7.78	10.65	16.50	23.33	14.40	6.56	9.19	11.57	12.08	6.10	4.78
MAX	9.37	19.24	19.25	22.64	31.84	25.38	11.27	17.97	20.37	26.91	11.43	8.72
MIN	4.25	4.28	6.11	10.12	11.31	4.76	4.59	4.81	6.84	4.71	4.54	4.00

02487500 STRONG RIVER AT D'LO, MS

LOCATION.--Lat 31°58'40", long 89°53'51", in NW1/4 SE1/4 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 old 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 NGVD of 1929 (U. S. Army Corps of Engineers bench mark). Prior to Oct. 19, 1938, nonrecording gage at site 700 ft upstream at datum 5.0 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)
Nov. 29	0500	6,000	19.93	Jun. 2	1300	5,610	20.45
Feb. 7	1715	*16,500	*30.29	Jul. 3	1530	7,370	22.24
Mar. 7	0445	5,220	18.51				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	53	1760	1740	408	584	140	418	4050	2910	135	137
2	46	52	472	802	361	522	130	2430	5490	4990	152	97
3	45	48	337	432	320	460	121	1980	3710	7220	211	82
4	44	45	285	357	289	440	115	992	1290	6530	134	229
5	43	46	257	1610	3630	476	110	431	500	4450	101	376
6	46	48	240	4180	11700	3410	104	277	462	1450	102	213
7	49	48	216	3490	15900	4760	99	212	1430	554	85	145
8	54	46	190	3000	13000	3020	101	174	1350	406	80	111
9	55	45	167	2620	7540	1970	103	147	778	686	77	92
10	56	45	172	2230	1640	713	96	128	420	1130	70	83
11	57	47	168	1660	1210	505	105	117	300	946	69	77
12	59	50	174	891	3720	426	188	239	237	464	69	73
13	73	51	192	632	3770	378	214	458	200	317	69	72
14	77	49	215	500	2450	334	210	842	256	246	64	71
15	64	47	222	417	2340	332	184	4230	335	205	59	70
16	57	46	212	358	2130	349	158	4100	381	213	58	69
17	53	48	190	348	1610	342	116	2250	698	400	56	67
18	50	138	163	1170	919	299	107	1440	949	436	53	65
19	49	201	147	1820	678	262	108	1330	949	323	52	63
20	47	195	136	1320	589	238	98	1240	381	226	57	60
21	47	167	127	654	508	219	93	722	236	174	89	59
22	46	115	119	454	448	200	88	412	200	147	99	59
23	46	82	128	371	1190	185	82	300	300	132	154	61
24	45	141	223	326	3110	171	76	239	347	253	116	62
25	44	141	252	1910	2540	162	350	202	345	158	194	63
26	78	160	257	4650	2410	157	3650	173	413	136	231	61
27	70	2310	206	3400	1910	153	3290	152	1030	511	127	60
28	65	4860	169	2330	1160	150	1520	134	2760	322	100	60
29	60	5640	834	1040	720	148	512	128	2390	185	339	60
30	60	4560	2970	562	---	159	312	121	2250	140	370	59
31	57	---	2190	482	---	153	---	1060	---	118	243	---
TOTAL	1689	19524	13390	45756	88200	21677	12580	27078	34437	36378	3815	2856
MEAN	54.5	651	432	1476	3041	699	419	873	1148	1173	123	95.2
MAX	78	5640	2970	4650	15900	4760	3650	4230	5490	7220	370	376
MIN	43	45	119	326	289	148	76	117	200	118	52	59
CFSM	0.13	1.53	1.02	3.48	7.16	1.65	0.99	2.06	2.70	2.76	0.29	0.22
IN.	0.15	1.71	1.17	4.01	7.72	1.90	1.10	2.37	3.02	3.19	0.33	0.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2004, BY WATER YEAR (WY)

MEAN	112	309	527	961	1262	1209	1013	485	209	281	135	110
MAX	956	2214	3150	3321	3120	2758	3909	2695	1148	2853	508	648
(WY)	2003	1949	1933	1937	2003	1935	1938	1953	2004	1940	1938	2002
MIN	17.8	23.7	65.3	63.5	62.1	175	94.9	36.7	46.2	22.3	29.2	20.3
(WY)	1964	1937	1934	1934	2000	1955	1963	1963	1960	2000	1943	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1929 - 2004	
ANNUAL TOTAL	249900		307380			
ANNUAL MEAN	685		840		547	
HIGHEST ANNUAL MEAN					1090	1949
LOWEST ANNUAL MEAN					124	2000
HIGHEST DAILY MEAN	18400	Feb 23	15900	Feb 7	20900	Jan 7 1950
LOWEST DAILY MEAN	43	Oct 5	43	Oct 5	12	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	46	Sep 30	46	Oct 1	13	Aug 25 2000
MAXIMUM PEAK FLOW			16500	Feb 7	26400	Apr 7 1983
MAXIMUM PEAK STAGE			30.29	Feb 7	33.48a	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.61		1.98		1.29	
ANNUAL RUNOFF (INCHES)	21.89		26.92		17.50	
10 PERCENT EXCEEDS	1680		2440		1480	
50 PERCENT EXCEEDS	191		213		125	
90 PERCENT EXCEEDS	54		55		33	

a To present datum.

02488500 PEARL RIVER NEAR MONTICELLO, MS

LOCATION.--Lat 31°33'12", long 90°05'17", 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 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers) Prior to Dec. 12, 1938, nonrecording gage, Dec. 12, 1938, to Jan. 10. 1949, water-stage recorder, and Jan. 11, 1949 to Oct. 16, 1952, nonrecording gage, all at same site and datum.

REMARKS.--Estimated daily discharges: Nov. 9-21, Dec. 11-22, Jan. 5-9, 13-16, 29-31, Feb. 1-3, 21-25, Mar. 1-5, Apr. 21-23, and Jul. 26, 27. Records fair except for estimated daily discharges, which are poor. 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 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)
Feb. 12	1400	*49,100	*27.05	Jun. 3	1715	26,000	20.91
Mar. 7	2315	24,600	20.36	Jul. 6	1445	30,600	22.68
May 17	0500	23,000	19.73				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	676	1190	16300	13300	e11500	e15700	2040	5340	10400	18200	1360	3530
2	720	1070	13900	12400	e8700	e15500	1590	5140	21900	23100	2050	2180
3	758	1360	11400	11900	e7050	e15100	1430	8270	25600	28000	1830	1510
4	704	1420	10200	11500	5770	e14200	1380	7070	24800	29500	1390	1240
5	700	1130	9060	e10300	8970	e13300	1350	4500	19400	30100	1270	1610
6	691	943	7770	e12800	38300	17300	1350	3640	11500	30500	1340	2830
7	701	1060	6210	e15400	43800	23800	1330	3280	8340	29200	1310	2690
8	754	1100	4620	e14300	42000	24300	1320	2350	8770	25600	1160	2750
9	863	e859	3360	e14000	41200	23000	1320	1610	7790	20500	1100	2220
10	986	e710	2590	16100	40600	21700	1300	1470	5380	14400	1090	1530
11	866	e740	e2300	15800	39600	20700	1280	1680	3590	10400	1090	1170
12	1390	e830	e2350	14700	47300	19200	1410	1770	3150	9500	1080	1020
13	1980	e850	e3300	e12900	46400	16700	1890	5210	2630	8660	1110	1400
14	1680	e810	e4400	e10600	43600	14100	2220	5770	2870	6740	1200	1350
15	1570	e860	e4100	e9200	42300	12700	2130	11200	4180	4540	1410	1090
16	1570	e940	e4500	e7700	40800	11500	2560	21100	6000	3280	1410	968
17	2350	e910	e3950	6520	38600	9660	2420	22400	8210	3420	1400	931
18	2690	e1550	e3650	7200	35900	7920	2070	18700	7590	3790	1290	904
19	1920	e2960	e3780	10100	32300	6470	2300	18200	6310	4050	1100	896
20	1420	e4050	e3320	9230	29000	4850	2060	17200	5090	3300	1010	821
21	1110	e3200	e2800	8050	e23600	4070	e1610	13400	3990	2210	1160	791
22	953	2370	e2380	7850	e21200	4390	e1420	9480	4500	1650	1270	813
23	978	2050	2020	6580	e29000	4160	e1440	7040	3760	1530	1510	784
24	864	2550	1800	5130	e28500	3590	1500	5010	4130	1470	1500	784
25	763	3130	3270	7770	e26000	2980	1710	3350	5840	1430	2980	781
26	774	3420	4010	18100	23700	2340	5820	2670	9850	e1480	4630	769
27	889	8660	3500	20900	20900	2250	11300	2110	9170	e1930	4070	749
28	1230	15100	3230	20500	17400	2540	10700	1680	13700	1790	3350	738
29	1560	16700	4960	e18500	16200	2310	7300	1660	20500	1700	3820	735
30	1590	17200	10400	e16400	---	2730	5410	1720	15700	1500	3940	723
31	1390	---	13700	e14000	---	2520	---	3090	---	1350	4450	---
TOTAL	37090	99722	173130	379730	850190	341580	82960	217110	284640	324820	58680	40307
MEAN	1196	3324	5585	12250	29320	11020	2765	7004	9488	10480	1893	1344
MAX	2690	17200	16300	20900	47300	24300	11300	22400	25600	30500	4630	3530
MIN	676	710	1800	5130	5770	2250	1280	1470	2630	1350	1010	723
CFSM	0.24	0.67	1.12	2.45	5.87	2.21	0.55	1.40	1.90	2.10	0.38	0.27
IN.	0.28	0.74	1.29	2.83	6.33	2.54	0.62	1.62	2.12	2.42	0.44	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2004, BY WATER YEAR (WY)

MEAN	1989	3204	8270	12490	14750	14720	14390	7798	3190	2321	1957	1553
MAX	11540	14340	37130	36890	43290	29990	51710	40240	13140	10480	10920	7904
(WY)	2003	2003	1983	1974	1990	1980	1980	1991	1997	2004	1975	2001
MIN	305	356	728	1231	933	2950	1552	800	650	602	486	482
(WY)	1964	1964	1963	2000	2000	1967	1967	1963	1988	1969	1969	1963

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1962 - 2004	
ANNUAL TOTAL	3410955		2889959			
ANNUAL MEAN	9345		7896		7180	
HIGHEST ANNUAL MEAN					17210	1983
LOWEST ANNUAL MEAN					2001	1963
HIGHEST DAILY MEAN	62800	Feb 23	47300	Feb 12	121000	Apr 20 1979
LOWEST DAILY MEAN	676	Oct 1	676	Oct 1	269	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	704	Sep 30	707	Oct 1	274	Oct 21 1963
MAXIMUM PEAK FLOW			49100	Feb 12	122000	Apr 20 1979
MAXIMUM PEAK STAGE			27.05	Feb 12	34.08	Apr 20 1979
INSTANTANEOUS LOW FLOW			656	Oct 1	269	Oct 24 1963
ANNUAL RUNOFF (CFSM)	1.87		1.58		1.44	
ANNUAL RUNOFF (INCHES)	25.41		21.53		19.54	
10 PERCENT EXCEEDS	22000		21100		20500	
50 PERCENT EXCEEDS	3950		3390		2580	
90 PERCENT EXCEEDS	994		937		673	

e Estimated

02488500 PEARL RIVER NEAR MONTICELLO, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.37	5.30	16.69	15.15	---	---	6.76	10.03	13.24	17.57	5.65	8.40
2	4.45	5.05	15.49	14.68	---	---	6.07	9.86	19.21	19.73	6.76	6.93
3	4.52	5.64	14.09	14.40	---	---	5.79	12.17	20.78	21.70	6.46	5.93
4	4.40	5.77	13.43	14.15	10.37	---	5.68	11.33	20.46	22.28	5.71	5.40
5	4.39	5.18	12.69	---	12.11	---	5.62	9.31	18.13	22.49	5.46	6.04
6	4.36	4.82	11.83	---	24.80	17.12	5.62	8.53	14.14	22.64	5.61	7.69
7	4.37	5.04	10.71	---	26.20	20.02	5.60	8.17	12.22	22.15	5.54	7.54
8	4.48	5.13	9.41	---	25.79	20.26	5.57	7.13	12.51	20.76	5.25	7.60
9	4.68	---	8.24	---	25.58	19.70	5.57	6.11	11.85	18.61	5.11	6.98
10	4.90	---	7.42	16.60	25.44	19.16	5.53	5.86	10.04	15.73	5.09	5.96
11	4.68	---	---	16.46	25.17	18.71	5.48	6.23	8.47	13.54	5.09	5.27
12	5.66	---	---	15.91	26.79	18.04	5.74	6.30	8.03	12.97	5.07	4.96
13	6.69	---	---	---	26.69	16.90	6.54	9.88	7.47	12.43	5.14	5.72
14	6.24	---	---	---	26.17	15.61	7.00	10.37	7.71	11.10	5.32	5.62
15	6.05	---	---	---	25.85	14.85	6.89	13.80	9.03	9.33	5.74	5.09
16	6.03	---	---	---	25.47	14.18	7.39	18.87	10.53	8.17	5.75	4.86
17	7.13	---	---	10.95	24.94	13.07	7.22	19.47	12.13	8.31	5.72	4.80
18	7.54	---	---	11.42	24.23	11.94	6.80	17.85	11.71	8.67	5.51	4.75
19	6.58	---	---	13.31	23.23	10.90	7.09	17.62	10.79	8.91	5.12	4.73
20	5.77	---	---	12.80	20.07	9.61	6.78	17.12	9.82	8.18	4.94	4.59
21	5.14	---	---	12.03	---	8.94	---	15.17	8.85	6.97	5.25	4.54
22	4.84	7.16	---	11.90	---	9.22	---	12.95	9.32	6.19	5.47	4.58
23	4.88	6.77	6.74	10.98	---	9.02	---	11.32	8.64	5.96	5.92	4.52
24	4.67	7.38	6.43	9.85	---	8.47	5.91	9.75	8.98	5.86	5.91	4.52
25	4.48	8.01	8.13	11.59	---	7.85	6.24	8.23	10.42	5.79	7.74	4.52
26	4.50	8.30	8.88	17.54	19.99	7.13	10.26	7.52	13.16	---	9.43	4.49
27	4.72	12.07	8.39	18.82	18.82	7.03	14.02	6.85	12.76	---	8.93	4.45
28	5.37	16.08	8.12	18.65	17.23	7.37	13.70	6.24	15.33	6.42	8.23	4.43
29	6.02	16.91	9.57	---	16.65	7.10	11.50	6.21	18.64	6.26	8.69	4.42
30	6.07	17.11	13.52	---	---	7.58	10.09	6.25	16.41	5.91	8.81	4.40
31	5.71	---	15.39	---	---	7.34	---	7.97	---	5.63	9.27	---
MEAN	5.28	---	---	---	---	---	---	10.47	12.36	---	6.25	5.46
MAX	7.54	---	---	---	---	---	---	19.47	20.78	---	9.43	8.40
MIN	4.36	---	---	---	---	---	---	5.86	7.47	---	4.94	4.40

02488700 WHITESAND CREEK NEAR OAKVALE, MS

LOCATION.--Lat 31°28'14", long 89°58'25", in NW1/4 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, .5 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 (discontinued).

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

GAGE.--Water-stage recorder. Datum of gage is 182.20 ft above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--No estimated daily discharges. Records good. 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)
Feb. 6	1815	*6,850	*12.41	Feb. 23	1500	3,490	9.36
Feb. 12	2145	4,810	10.66				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	97	166	203	119	248	128	148	1070	490	184	114
2	92	98	152	168	113	230	127	395	1100	736	143	109
3	93	99	146	154	109	218	125	244	515	1400	122	108
4	94	99	144	143	105	220	124	162	451	1040	122	108
5	95	100	139	184	402	253	123	140	236	294	118	108
6	96	100	135	194	4950	741	122	134	205	204	116	109
7	97	99	135	146	2190	527	123	130	353	190	113	106
8	97	99	135	142	521	259	125	125	256	183	113	105
9	97	98	136	287	340	212	124	122	184	210	117	103
10	99	98	144	223	287	186	122	121	152	227	132	101
11	98	98	140	160	691	176	126	127	135	169	126	100
12	97	99	135	137	4450	170	153	213	125	151	124	101
13	96	97	211	129	2220	163	144	356	118	142	121	119
14	96	96	307	124	714	160	129	208	117	136	117	110
15	94	98	182	121	584	200	125	666	211	133	115	105
16	93	98	146	118	361	237	125	337	162	132	114	107
17	94	100	131	126	250	206	122	180	130	138	114	103
18	95	124	125	241	200	173	121	155	120	137	113	99
19	94	165	122	195	177	160	121	239	114	132	114	98
20	93	122	120	145	168	154	122	212	209	128	124	97
21	93	111	119	128	154	148	122	145	126	125	142	97
22	93	113	119	120	138	141	120	127	116	124	130	98
23	93	111	134	116	1890	137	119	117	112	124	129	98
24	91	130	165	117	1740	135	120	111	376	124	129	99
25	93	134	140	386	1100	136	234	107	769	123	121	99
26	153	121	128	587	753	135	579	103	459	121	120	98
27	149	902	124	234	442	134	234	101	498	119	120	98
28	111	1210	123	150	331	134	152	99	1160	120	123	97
29	103	322	550	130	273	134	131	98	914	119	213	96
30	99	199	918	131	---	139	126	97	468	119	190	96
31	97	---	317	127	---	134	---	281	---	123	124	---
TOTAL	3077	5437	5888	5566	25772	6400	4468	5800	10961	7713	4003	3086
MEAN	99.3	181	190	180	889	206	149	187	365	249	129	103
MAX	153	1210	918	587	4950	741	579	666	1160	1400	213	119
MIN	91	96	119	116	105	134	119	97	112	119	113	96
CFSM	0.76	1.39	1.46	1.38	6.84	1.59	1.15	1.44	2.81	1.91	0.99	0.79
IN.	0.88	1.56	1.68	1.59	7.37	1.83	1.28	1.66	3.14	2.21	1.15	0.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2004, BY WATER YEAR (WY)

MEAN	124	146	197	284	327	338	309	218	151	133	123	126
MAX	423	503	407	810	889	844	1173	810	365	315	307	419
(WY)	1985	1994	1983	1990	2004	1973	1974	1990	2004	1981	1975	2001
MIN	63.4	78.9	91.5	116	92.2	118	104	79.4	78.5	71.6	70.5	64.9
(WY)	2001	1968	2000	1970	2000	1967	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1965 - 2004	
ANNUAL TOTAL	69386		88171			
ANNUAL MEAN	190		241		206	
HIGHEST ANNUAL MEAN					339	1980
LOWEST ANNUAL MEAN					101	2000
HIGHEST DAILY MEAN	8360	Feb 22	4950	Feb 6	16400	Apr 13 1974
LOWEST DAILY MEAN	90	Sep 29	91	Oct 24	58	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	91	Sep 27	93	Oct 19	60	Oct 24 2000
MAXIMUM PEAK FLOW			6850	Feb 6	25400	Apr 13 1974
MAXIMUM PEAK STAGE			12.41	Feb 6	18.76	Apr 13 1974
INSTANTANEOUS LOW FLOW			89	Oct 1,2	57	Aug 30 2000
ANNUAL RUNOFF (CFSM)	1.46		1.85		1.58	
ANNUAL RUNOFF (INCHES)	19.86		25.23		21.50	
10 PERCENT EXCEEDS	222		414		305	
50 PERCENT EXCEEDS	122		129		128	
90 PERCENT EXCEEDS	97		98		87	

02488700 WHITESAND CREEK NEAR OAK VALE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.59	3.56	3.93	4.17	3.80	4.63	4.23	4.37	6.38	5.40	4.61	4.35
2	3.58	3.57	3.86	4.03	3.77	4.58	4.23	5.08	6.47	5.85	4.46	4.34
3	3.57	3.58	3.83	3.97	3.75	4.55	4.22	4.69	5.45	6.91	4.38	4.33
4	3.57	3.58	3.82	3.92	3.72	4.55	4.22	4.43	5.30	6.32	4.38	4.34
5	3.57	3.58	3.80	4.09	4.43	4.66	4.21	4.34	4.78	4.94	4.36	4.35
6	3.56	3.59	3.78	4.14	10.76	5.69	4.21	4.32	4.68	4.68	4.35	4.35
7	3.56	3.58	3.78	3.93	7.71	5.28	4.21	4.30	5.10	4.63	4.34	4.34
8	3.56	3.58	3.78	3.91	5.25	4.68	4.22	4.28	4.84	4.61	4.34	4.34
9	3.56	3.58	3.79	4.47	4.85	4.54	4.21	4.27	4.61	4.69	4.36	4.33
10	3.58	3.57	3.82	4.25	4.72	4.45	4.21	4.26	4.50	4.75	4.42	4.33
11	3.57	3.57	3.80	4.00	5.43	4.42	4.22	4.29	4.43	4.56	4.40	4.33
12	3.56	3.58	3.78	3.89	10.32	4.40	4.33	4.57	4.39	4.50	4.39	4.34
13	3.56	3.56	4.08	3.85	7.77	4.37	4.30	4.99	4.36	4.46	4.37	4.42
14	3.56	3.56	4.46	3.82	5.62	4.36	4.24	4.58	4.36	4.44	4.36	4.38
15	3.55	3.57	4.00	3.81	5.37	4.49	4.22	5.60	4.70	4.42	4.35	4.36
16	3.54	3.58	3.83	3.79	4.90	4.62	4.22	5.05	4.54	4.42	4.34	4.37
17	3.55	3.58	3.76	3.83	4.61	4.52	4.21	4.60	4.41	4.45	4.34	4.35
18	3.55	3.71	3.73	4.32	4.46	4.41	4.20	4.51	4.37	4.44	4.34	4.33
19	3.55	3.92	3.71	4.14	4.38	4.36	4.20	4.78	4.34	4.42	4.34	4.33
20	3.54	3.71	3.70	3.93	4.35	4.34	4.21	4.70	4.68	4.40	4.38	4.32
21	3.54	3.65	3.69	3.84	4.30	4.31	4.21	4.47	4.40	4.39	4.46	4.32
22	3.54	3.66	3.69	3.80	4.23	4.29	4.20	4.40	4.35	4.38	4.41	4.33
23	3.54	3.65	3.77	3.78	7.13	4.27	4.20	4.36	4.33	4.39	4.41	4.33
24	3.53	3.75	3.92	3.79	7.22	4.26	4.20	4.33	4.97	4.39	4.41	4.33
25	3.54	3.77	3.80	4.64	6.28	4.27	4.55	4.31	5.93	4.38	4.37	4.33
26	3.85	3.71	3.74	5.25	5.69	4.26	5.45	4.29	5.33	4.37	4.37	4.33
27	3.85	5.74	3.72	4.28	5.10	4.26	4.66	4.28	5.40	4.37	4.37	4.33
28	3.65	6.41	3.71	3.95	4.85	4.26	4.39	4.27	6.53	4.37	4.38	4.32
29	3.60	4.50	4.92	3.86	4.70	4.26	4.31	4.27	6.12	4.37	4.68	4.32
30	3.58	4.07	5.95	3.86	---	4.28	4.28	4.26	5.35	4.36	4.63	4.32
31	3.56	---	4.55	3.84	---	4.26	---	4.82	---	4.38	4.39	---
MEAN	3.58	3.83	3.95	4.04	5.50	4.48	4.30	4.52	4.98	4.69	4.40	4.34
MAX	3.85	6.41	5.95	5.25	10.76	5.69	5.45	5.60	6.53	6.91	4.68	4.42
MIN	3.53	3.56	3.69	3.78	3.72	4.26	4.20	4.26	4.33	4.36	4.34	4.32

02489000 PEARL RIVER NEAR COLUMBIA, MS

LOCATION.--Lat 31°14'16", long 89°50'49", in NE1/4 NW1/4 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.--October 1928 to September 1954 (monthly discharge only for January to August 1930, published in WSP 1304) October 1998 to September 1999 (high-water records only) and October 1999 to current year. January 1972 to 1999 (gage heights only). Gage-height records collected at same site November 1904 to December 1971 are contained in reports of National Weather Service.

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

REMARKS.--Estimated daily discharges: Mar. 27, Apr. 2, and May 3-6. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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

WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1290	1990	15500	13400	13600	17400	3570	6330	6080	19300	2170	4800
2	1280	1780	14900	12900	11300	17000	e3040	6530	14900	20200	2170	3930
3	1300	1630	13100	12300	9410	16700	2610	e7100	20600	23300	2740	2830
4	1340	1850	11300	11900	7840	16100	2390	e8950	23100	26200	2600	2190
5	1310	1990	10300	11300	6750	15500	2290	e7800	23100	27500	2140	1870
6	1290	1750	9280	11300	17800	15300	2240	e5300	19500	27700	1970	2160
7	1290	1520	8060	14000	32200	19100	2220	4610	13700	28000	1990	3180
8	1290	1570	6610	14600	37900	22600	2200	4180	10500	27800	1970	3170
9	1330	1610	5260	13700	38600	23300	2170	3340	10200	25700	1810	3180
10	1450	1450	4180	14200	38000	22500	2150	2580	8850	21500	1760	2730
11	1580	1300	3420	15300	37800	21300	2130	2330	6550	15700	1790	2120
12	1500	1280	3160	15000	40700	20300	2200	2660	4900	11800	1830	1720
13	1860	1320	3300	14100	46000	19100	2340	3780	4320	10700	1720	1600
14	2530	1340	4190	12400	46800	17000	2800	6440	3780	9640	1710	1950
15	2310	1260	4310	10900	44200	14800	3080	7300	4310	7800	1760	1940
16	2170	1230	4450	9680	41500	13500	3030	13800	5610	5810	1960	1610
17	2170	1350	4020	8370	39300	12200	3400	19100	7190	4750	1990	1460
18	2880	1510	3800	7620	37500	10500	3220	21000	9020	4720	1970	1390
19	3180	2100	3890	8800	35200	8880	2950	19000	8280	4930	1880	1340
20	2580	3340	3660	10500	32700	7470	3130	18000	7230	5030	1730	1320
21	2090	4090	3320	9560	29500	6040	2900	17000	6240	4320	1830	1240
22	1760	3610	3120	8700	24800	5450	2430	13700	5310	3360	1880	1210
23	1560	2990	2990	8320	22900	5520	2240	10200	5480	2750	1910	1220
24	1550	2850	2970	7060	30500	5280	2210	7630	4980	2520	2130	1200
25	1450	3240	2760	6070	31100	4790	2650	5670	7290	2400	2150	1180
26	1480	3760	3970	11500	29000	4190	5630	4210	9280	2370	3450	1170
27	1530	4860	4520	17200	25900	e3580	8740	3550	11400	2770	4930	1160
28	1530	12700	4150	18900	22500	3480	11500	3030	11700	2870	4560	1150
29	1720	15200	4270	18500	19000	3700	10500	2620	18200	2610	4060	1130
30	2100	15400	9050	17100	---	3530	7820	2550	21600	2490	4560	1120
31	2170	---	12200	15500	---	3780	---	2780	---	2280	4580	---
TOTAL	54870	101870	190010	380680	850300	379890	109780	243070	313200	358820	75700	58270
MEAN	1770	3396	6129	12280	29320	12250	3659	7841	10440	11570	2442	1942
MAX	3180	15400	15500	18900	46800	23300	11500	21000	23100	28000	4930	4800
MIN	1280	1230	2760	6070	6750	3480	2130	2330	3780	2280	1710	1120
MED	1550	1820	4190	12300	31100	13500	2720	6330	8560	5810	1970	1600
CFSM	0.31	0.59	1.07	2.15	5.13	2.14	0.64	1.37	1.83	2.02	0.43	0.34
IN.	0.36	0.66	1.24	2.48	5.53	2.47	0.71	1.58	2.04	2.33	0.49	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

MEAN	4347	5141	6893	9080	15500	16470	11710	4357	4988	5509	3958	3592
MAX	12630	16090	12990	12280	29320	31090	18420	8621	10440	11570	7702	8679
(WY)	2003	2003	2002	2004	2004	2001	2003	2003	2004	2004	2001	2001
MIN	917	1569	1825	1867	1344	3502	3659	1391	1477	976	976	1005
(WY)	2001	2000	2000	2000	2000	2000	2004	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	3613640		3116460			
ANNUAL MEAN	9900		8515		7586	
HIGHEST ANNUAL MEAN					12300	2003
LOWEST ANNUAL MEAN					2700	2000
HIGHEST DAILY MEAN	54000	Feb 25	46800	Feb 14	64400	Mar 5 2001
LOWEST DAILY MEAN	1230	Nov 16	1120	Sep 30	799	Oct 29 2000
ANNUAL SEVEN-DAY MINIMUM	1300	Nov 11	1160	Sep 24	805	Oct 24 2000
MAXIMUM PEAK FLOW			47700	Feb 14	72600	Apr 9 1938
MAXIMUM PEAK STAGE			21.59	Feb 14	26.40	Apr 9 1938
INSTANTANEOUS LOW FLOW			1120	Sep 29,30	705	Oct 21 1952
ANNUAL RUNOFF (CFSM)	1.73		1.49		1.33	
ANNUAL RUNOFF (INCHES)	23.50		20.27		18.02	
10 PERCENT EXCEEDS	22500		21400		19300	
50 PERCENT EXCEEDS	5080		4240		3510	
90 PERCENT EXCEEDS	1620		1520		1100	

e Estimated

02489000 PEARL RIVER NEAR COLUMBIA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.06	1.74	10.38	9.28	9.39	11.17	3.15	5.20	4.97	11.99	1.92	4.10
2	1.04	1.52	10.05	9.05	8.19	11.03	---	5.34	9.98	12.35	1.92	3.44
3	1.05	1.37	9.13	8.73	7.10	10.87	2.33	---	12.53	13.60	2.45	2.53
4	1.10	1.60	8.17	8.52	6.18	10.60	2.13	---	13.54	14.71	2.32	1.94
5	1.05	1.74	7.61	8.18	5.49	10.34	2.04	---	13.54	15.20	1.90	1.62
6	1.03	1.49	7.02	8.19	11.07	10.23	1.99	---	12.08	15.28	1.72	1.90
7	1.02	1.25	6.31	9.62	16.94	11.89	1.97	3.96	9.46	15.42	1.74	2.84
8	1.01	1.30	5.39	9.93	18.92	13.32	1.95	3.64	7.75	15.32	1.72	2.82
9	1.05	1.35	4.44	9.45	19.14	13.60	1.92	2.96	7.58	14.54	1.56	2.83
10	1.17	1.17	3.64	9.71	18.95	13.27	1.90	2.31	6.77	12.89	1.50	2.44
11	1.31	1.02	3.04	10.24	18.87	12.80	1.88	2.07	5.34	10.42	1.53	1.87
12	1.23	1.0	2.82	10.11	19.76	12.41	1.95	2.38	4.18	8.46	1.57	1.47
13	1.60	1.04	2.94	9.64	21.20	11.90	2.09	3.31	3.75	7.83	1.46	1.33
14	2.26	1.06	3.65	8.81	21.39	10.99	2.50	5.27	3.33	7.23	1.45	1.70
15	2.05	0.98	3.74	7.94	20.73	9.98	2.75	5.83	3.73	6.15	1.50	1.69
16	1.93	0.94	3.84	7.25	20.01	9.37	2.70	9.46	4.70	4.83	1.71	1.35
17	1.92	1.07	3.52	6.50	19.37	8.68	3.02	11.89	5.76	4.07	1.74	1.19
18	2.57	1.24	3.34	6.04	18.76	7.71	2.87	12.70	6.88	4.05	1.72	1.11
19	2.84	1.84	3.41	6.74	18.01	6.79	2.64	11.85	6.44	4.21	1.63	1.05
20	2.30	2.96	3.23	7.73	17.11	5.94	2.80	11.45	5.80	4.27	1.47	1.03
21	1.84	3.57	2.95	7.18	15.95	5.00	2.59	11.03	5.13	3.74	1.58	0.95
22	1.50	3.19	2.78	6.69	14.20	4.58	2.17	9.47	4.48	2.98	1.63	0.91
23	1.30	2.67	2.67	6.47	13.43	4.63	1.99	7.66	4.60	2.46	1.66	0.92
24	1.28	2.55	2.65	5.69	16.34	4.46	1.96	6.28	4.24	2.25	1.88	0.90
25	1.17	2.88	2.47	5.02	16.54	4.10	2.36	5.02	5.82	2.14	1.90	0.89
26	1.21	3.31	3.47	8.25	15.78	3.64	4.70	3.90	7.02	2.11	3.03	0.88
27	1.26	4.13	3.90	11.08	14.62	---	6.70	3.33	8.26	2.47	4.20	0.86
28	1.27	8.92	3.62	11.81	13.29	3.09	8.30	2.84	8.43	2.57	3.93	0.84
29	1.46	10.20	3.70	11.67	11.87	3.26	7.74	2.42	11.48	2.33	3.55	0.82
30	1.85	10.30	6.86	11.05	---	3.12	6.15	2.30	12.91	2.22	3.93	0.81
31	1.92	---	8.68	10.36	---	3.33	---	2.47	---	2.02	3.94	---
MEAN	1.50	2.65	4.82	8.61	15.47	---	---	---	7.35	7.42	2.12	1.63
MAX	2.84	10.30	10.38	11.81	21.39	---	---	---	13.54	15.42	4.20	4.10
MIN	1.01	0.94	2.47	5.02	5.49	---	---	---	3.33	2.02	1.45	0.81
MED	1.28	1.56	3.65	8.73	16.54	---	---	---	6.61	4.83	1.72	1.34

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 left bank on downstream side of flow control structure upstream 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. Satellite telemetry at station. Datum of gage is 54.64 ft above NAVD 88. Prior to Oct. 1, 1999, datum of gage 55.00 ft above sea level (NGVD 1929). Prior to July 29, 1954, nonrecording gage at same site and datum.

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

REMARKS.--Records not available at this time. Records may be found in the "Water Resources Data, Louisiana, Water Year 2004" (WDR LA-04-1).

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'46", in NW1/4 SE1/4 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 NGVD of 1929.

REMARKS.--Estimated daily discharges: June 9-14 Records good except for estimated daily discharges, which are poor. 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)
Feb. 7	0930	*23,200	*25.16	Feb. 24	0930	14,400	19.92
Feb. 12	1800	20,000	23.18	May 17	0000	11,500	18.05

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	248	250	552	971	783	1020	334	407	977	5500	334	402
2	246	250	420	669	617	864	329	656	891	4910	511	358
3	246	249	373	564	528	748	327	967	831	5200	466	341
4	246	249	348	513	478	674	324	675	782	3980	353	332
5	247	248	331	516	749	626	319	488	599	2080	326	340
6	247	251	319	763	13000	1060	318	433	461	1050	375	389
7	248	248	312	784	19900	1870	316	405	654	955	375	337
8	248	248	308	627	7980	2220	313	388	742	1510	354	318
9	250	248	306	1110	3070	1600	311	380	e563	1600	325	309
10	256	248	308	1540	1500	720	309	376	e400	856	317	304
11	257	249	303	1040	2210	578	319	370	e335	644	343	301
12	256	251	307	711	15200	524	386	917	e314	554	437	299
13	253	248	386	592	13100	490	350	2730	e305	503	339	304
14	251	243	503	529	7860	468	333	2090	e308	469	318	327
15	246	245	463	490	4290	499	320	5730	307	441	308	394
16	244	248	384	462	2800	523	311	10600	338	423	303	335
17	243	254	344	458	1880	499	306	8450	391	420	298	301
18	243	311	325	602	1170	461	302	4380	385	400	299	292
19	243	412	315	1070	937	432	298	2380	336	389	297	288
20	242	406	308	800	809	410	296	1890	307	376	307	284
21	241	322	303	585	724	395	295	1030	290	363	353	281
22	240	287	300	505	656	379	291	675	298	355	398	280
23	239	277	316	465	3830	369	288	530	732	417	438	280
24	238	312	413	441	12400	364	289	452	835	364	368	284
25	239	336	361	1260	11800	361	435	408	1070	371	342	284
26	296	340	339	4090	6700	357	914	377	2090	384	326	283
27	305	965	320	3600	3730	354	620	356	2170	375	328	280
28	286	2900	312	2880	2510	351	460	339	2880	410	333	277
29	265	2010	829	951	1360	348	395	326	4410	353	500	274
30	255	1340	3120	763	---	348	387	314	4360	335	722	273
31	252	---	2050	915	---	340	---	551	---	331	590	---
TOTAL	7816	14445	15878	31266	142571	20252	10795	50070	29361	36318	11683	9351
MEAN	252	482	512	1009	4916	653	360	1615	979	1172	377	312
MAX	305	2900	3120	4090	19900	2220	914	10600	4410	5500	722	402
MIN	238	243	300	441	478	340	288	314	290	331	297	273
CFSM	0.51	0.98	1.04	2.05	9.99	1.33	0.73	3.28	1.99	2.38	0.77	0.63
IN.	0.59	1.09	1.20	2.36	10.78	1.53	0.82	3.79	2.22	2.75	0.88	0.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2004, BY WATER YEAR (WY)

MEAN	404	510	847	1251	1489	1357	1252	835	534	471	420	409
MAX	1919	2118	2976	4728	4916	3625	4718	4317	1744	1503	1402	1717
(WY)	2003	1958	1972	1990	2004	1973	1983	1953	1975	1946	1953	2002
MIN	182	212	305	279	257	299	303	220	210	176	168	200
(WY)	2001	1957	2000	1956	2000	2000	1963	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1944 - 2004	
ANNUAL TOTAL	250447		379806			
ANNUAL MEAN	686		1038		811	
HIGHEST ANNUAL MEAN					1301	1983
LOWEST ANNUAL MEAN					269	2000
HIGHEST DAILY MEAN	29800	Feb 23	19900	Feb 7	56900	Apr 7 1983
LOWEST DAILY MEAN	238	Oct 24	238	Oct 24	141	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	240	Oct 19	240	Oct 19	146	Sep 2 2000
MAXIMUM PEAK FLOW			23200	Feb 7	64200	Apr 7 1983
MAXIMUM PEAK STAGE			25.16	Feb 7	34.62	Apr 7 1983
INSTANTANEOUS LOW FLOW			235	Oct 23		
ANNUAL RUNOFF (CFSM)	1.39		2.11		1.65	
ANNUAL RUNOFF (INCHES)	18.94		28.72		22.40	
10 PERCENT EXCEEDS	951		2110		1570	
50 PERCENT EXCEEDS	336		376		394	
90 PERCENT EXCEEDS	250		251		246	

e Estimated

02492343 EAST HOBOLOCHITTO CREEK NEAR CAESAR, MS

LOCATION.--Lat 30°34'27", long 89°35'41", in NW1/4 NW1/4 sec.34, T.5 S., R.16 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, near left bank at downstream side of bridge on County Highway, 3.2 mi west of Caessar, and 3.5 mi downstream from Stanfield Creek.

DRAINAGE AREA.--86.1 mi^2.

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: Oct. 15-17, 23-25,29, Nov. 8-10, 23, 24, Dec. 1-3, Jan. 12-14, Aug. 15 and Sept. 17-19. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	39	e72	139	118	222	32	794	147	1040	34	70
2	28	35	e57	105	89	330	29	1000	709	921	24	44
3	24	31	e48	90	82	258	27	713	1340	563	19	28
4	23	29	55	84	62	206	26	315	1430	336	16	22
5	21	28	42	77	67	184	25	172	684	205	16	24
6	20	28	39	140	351	179	24	124	319	281	20	23
7	27	31	39	179	605	191	26	98	398	196	15	18
8	80	e37	39	138	335	137	38	82	283	146	13	15
9	39	e29	43	182	168	109	38	69	190	323	14	13
10	44	e25	43	233	124	91	35	61	127	373	e15	12
11	83	24	56	160	180	81	26	63	99	259	32	11
12	94	22	56	e118	697	75	27	258	81	145	73	10
13	70	21	59	e82	918	70	33	3350	69	102	44	10
14	55	20	89	e64	546	67	30	2670	70	68	28	22
15	e48	19	114	51	409	80	26	1890	239	60	22	26
16	e35	18	79	47	311	96	23	2370	351	47	18	29
17	e28	18	60	66	204	99	21	1170	166	44	15	e25
18	26	24	53	339	152	77	20	1140	103	49	13	e19
19	24	37	48	416	126	63	19	1870	74	43	12	e15
20	23	61	45	213	112	56	18	963	58	36	12	13
21	24	59	46	129	102	51	17	362	49	31	15	11
22	20	e42	46	98	91	48	16	212	78	27	42	9.9
23	e28	e33	49	81	469	56	16	160	67	25	63	9.5
24	e22	27	111	72	1660	50	16	521	127	23	45	9.4
25	e19	27	159	70	1890	47	245	501	970	22	23	8.8
26	18	28	114	102	1650	38	3650	215	1670	27	18	8.6
27	304	46	91	125	981	37	2940	131	1690	22	16	8.5
28	310	218	79	91	405	36	702	99	1030	20	18	8.3
29	e112	293	107	66	263	35	180	81	801	19	33	8.1
30	63	161	230	68	---	36	413	69	610	18	75	7.8
31	47	---	210	122	---	36	---	65	---	19	59	---
TOTAL	1798	1510	2378	3947	13167	3141	8738	21588	14029	5490	862	538.9
MEAN	58.0	50.3	76.7	127	454	101	291	696	468	177	27.8	18.0
MAX	310	293	230	416	1890	330	3650	3350	1690	1040	75	70
MIN	18	18	39	47	62	35	16	61	49	18	12	7.8
MED	28	29	56	102	263	75	27	258	215	49	19	13
CFSM	0.67	0.58	0.89	1.48	5.27	1.18	3.38	8.09	5.43	2.06	0.32	0.21
IN.	0.78	0.65	1.03	1.71	5.69	1.36	3.78	9.33	6.06	2.37	0.37	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2004, BY WATER YEAR (WY)

MEAN	109	104	122	269	240	325	165	139	178	159	64.9	118
MAX	620	508	455	1152	572	675	316	696	468	647	214	423
(WY)	2003	2003	2003	1998	1997	1998	2003	2004	2004	2003	2001	2002
MIN	0.66	6.54	32.3	36.4	18.2	29.1	22.9	2.76	5.09	1.30	1.41	3.11
(WY)	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1996 - 2004	
ANNUAL TOTAL	72214		77186.9			
ANNUAL MEAN	198		211		166	
HIGHEST ANNUAL MEAN					315	2003
LOWEST ANNUAL MEAN					15.0	2000
HIGHEST DAILY MEAN	4810	Jul 1	3650	Apr 26	6250	Mar 8 1998
LOWEST DAILY MEAN	17	Jun 2	7.8	Sep 30	0.32	Nov 1 2000
ANNUAL SEVEN-DAY MINIMUM	20	Nov 11	8.5	Sep 24	0.37	Oct 27 2000
MAXIMUM PEAK FLOW			4530	Apr 26	8350	Jan 8 1998
MAXIMUM PEAK STAGE			17.15	Apr 26	19.45	Jan 8 1998
INSTANTANEOUS LOW FLOW			7.7	Sep 30	0.31	Oct 31 2000
ANNUAL RUNOFF (CFSM)	2.30		2.45		1.93	
ANNUAL RUNOFF (INCHES)	31.20		33.35		26.18	
10 PERCENT EXCEEDS	415		507		352	
50 PERCENT EXCEEDS	78		61		44	
90 PERCENT EXCEEDS	25		18		5.4	

e Estimated

02492360 WEST HOBOLOCHITTO CREEK NEAR MCNEILL, MS

LOCATION.--Lat 30°39'44", long 89°41'10", in NW1/4 NE1/4 sec.34, T.4 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, near left bank at downstream side of bridge on County Highway, 0.2 mi downstream from Price Creek, and 3.1 mi west of McNeill.

DRAINAGE AREA.--175 mi^2.

PERIOD OF RECORD.--July 1965 to September 1996 (annual peaks only), October 1996 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 55.64 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: April 27. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1961 reached a stage of 24.96 ft from flood mark. Flood mark of July 1916 reached a stage approximately 5.0 ft higher than the Dec. 1961 flood 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)
Feb. 24	0400	2,980	14.73	May 15	1915	3,200	15.27
Feb. 26	1715	3,770	16.24	Jun. 26	1030	4,090	16.68
Apr. 26	0115	*10,200	*20.29	Jun. 29	1015	3,740	16.21
May 13	1600	2,870	14.45	Jul. 1	0830	2,500	13.43

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	73	115	126	221	431	70	675	802	2320	57	62
2	45	68	96	103	163	419	67	947	2070	2200	66	54
3	43	65	87	94	143	338	65	584	1580	1380	56	72
4	43	62	81	89	132	280	63	319	1490	766	53	130
5	42	62	77	140	160	253	62	214	513	493	52	108
6	42	61	73	361	922	286	61	166	413	494	56	67
7	43	60	71	206	1050	384	62	138	512	328	48	56
8	44	59	69	169	400	227	61	119	776	317	46	49
9	46	58	67	305	242	171	60	106	372	294	47	44
10	52	57	67	306	197	144	59	111	235	923	401	42
11	61	56	67	188	444	128	60	96	181	402	447	41
12	62	55	67	141	2130	120	60	311	137	235	149	40
13	54	54	80	120	1940	114	61	2660	118	175	98	44
14	49	53	164	108	958	111	59	1970	477	140	78	44
15	46	52	138	102	679	129	58	1870	865	120	66	46
16	44	52	103	100	464	233	56	1860	762	106	59	50
17	42	52	89	277	319	335	54	1100	297	97	55	50
18	42	58	82	1490	250	181	53	1740	187	92	52	50
19	40	71	76	545	210	134	51	1310	161	89	50	47
20	39	84	71	279	189	115	56	580	247	82	50	46
21	39	73	66	190	174	104	51	342	607	75	68	44
22	38	65	65	154	156	96	50	241	748	70	77	43
23	37	60	93	133	1200	89	49	199	312	66	77	43
24	37	58	138	121	2720	84	49	232	800	63	63	42
25	36	56	130	149	2820	82	1940	178	2380	60	56	41
26	563	57	97	227	3720	80	7590	138	3950	59	52	40
27	871	109	84	186	2720	78	e3170	119	3270	60	49	39
28	182	692	78	140	928	77	762	105	2660	89	49	36
29	118	336	95	119	550	76	312	96	3550	75	67	35
30	93	161	221	145	---	74	686	92	2470	65	54	35
31	80	---	182	306	---	72	---	112	---	58	60	---
TOTAL	3019	2879	2989	7119	26201	5445	15857	18730	32942	11793	2658	1540
MEAN	97.4	96.0	96.4	230	903	176	529	604	1098	380	85.7	51.3
MAX	871	692	221	1490	3720	431	7590	2660	3950	2320	447	130
MIN	36	52	65	89	132	72	49	92	118	58	46	35
MED	44	60	82	149	444	128	60	232	678	106	56	44
CFSM	0.56	0.55	0.55	1.31	5.16	1.00	3.02	3.45	6.27	2.17	0.49	0.29
IN.	0.64	0.61	0.64	1.51	5.57	1.16	3.37	3.98	7.00	2.51	0.57	0.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2004, BY WATER YEAR (WY)

MEAN	167	114	216	446	547	531	284	174	309	232	107	126
MAX	963	579	654	1920	1792	1231	538	604	1098	1103	216	727
(WY)	2003	2003	2003	1998	1966	1998	2003	2004	2004	2003	2001	2002
MIN	6.82	20.1	46.9	62.3	30.6	44.9	39.0	13.3	16.1	10.7	9.06	10.5
(WY)	2001	2000	1999	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1965 - 2004	
ANNUAL TOTAL	127490		131172			
ANNUAL MEAN	349		358		270	
HIGHEST ANNUAL MEAN					510	2003
LOWEST ANNUAL MEAN					37.2	2000
HIGHEST DAILY MEAN	8160	Jul 1	7590	Apr 26	8790	Mar 8 1998
LOWEST DAILY MEAN	36	Oct 25	35	Sep 29	4.9	Oct 30 2000
ANNUAL SEVEN-DAY MINIMUM	38	Oct 19	38	Oct 19	5.8	Oct 27 2000
MAXIMUM PEAK FLOW			10200	Apr 26	27800	Jan 21 1993
MAXIMUM PEAK STAGE			20.29	Apr 26	23.43	Jan 21 1993
INSTANTANEOUS LOW FLOW			34	Sep 30		
ANNUAL RUNOFF (CFSM)	2.00		2.05		1.54	
ANNUAL RUNOFF (INCHES)	27.10		27.88		20.96	
10 PERCENT EXCEEDS	860		886		578	
50 PERCENT EXCEEDS	107		96		71	
90 PERCENT EXCEEDS	51		46		23	

e Estimated

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A

LOCATION.--Lat 30°10'58", long 89°31'39", St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, on the USCG Pearl River Entrance Channel Light 7A platform, near the mouth of the Pearl River.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: July 2000 to current year.
SPECIFIC CONDUCTANCE: July 2000 to current year.
WATER TEMPERATURE: July 2000 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform since July 2000. Datum of gage is assumed. Water-quality monitor since July 2000.

REMARKS.--Gage height records fair. Specific conductance records fair. Water temperature records good. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 7.82 ft, Sept. 26, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, -2.37 ft, Jan. 19, 2003, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 43,600 microsiemens, Sept. 7, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 35 microsiemens, Mar. 1, 2, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.9 °C, July 17, 19, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, 5.1 °C, Jan. 4, 2001, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 4.52 ft, Sept. 16 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -2.25 ft, Apr. 13, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 35,300 microsiemens, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 55 microsiemens, July 7, 8, 9, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.7 °C, Aug. 4, but may have been higher during periods of instrument malfunction; minimum recorded, 9.4 °C, Feb. 18, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.68	0.21	0.95	1.61	-0.01	0.83	-0.07	-0.89	-0.46	0.74	-0.64	0.06
2	1.54	-0.14	0.79	1.25	0.04	0.70	0.10	-0.39	-0.26	0.82	-0.78	0.04
3	1.76	-0.06	0.86	1.01	0.13	0.63	0.84	0.04	0.37	0.94	-0.97	0.00
4	1.55	-0.14	0.78	1.95	0.66	1.43	0.76	-0.27	0.31	1.17	-0.92	0.15
5	1.31	-0.27	0.58	1.98	0.59	1.07	0.53	-0.67	-0.21	1.10	-1.01	-0.08
6	1.27	-0.03	0.66	1.10	-0.07	0.51	-0.01	-1.38	-0.68	0.62	-1.21	-0.34
7	1.34	0.17	0.85	1.03	-0.01	0.55	0.47	-1.53	-0.58	0.79	-0.75	-0.08
8	1.02	0.36	0.71	1.18	0.03	0.63	0.97	-1.33	-0.26	1.30	-0.92	0.06
9	1.22	0.65	0.99	1.41	0.06	0.63	1.37	-0.81	0.31	1.39	-1.02	-0.03
10	1.90	0.74	1.25	1.47	0.14	0.81	1.33	-1.98	-0.67	0.58	-1.12	-0.34
11	1.96	1.52	1.72	1.58	-0.17	0.68	0.45	-1.29	-0.59	0.64	-1.06	-0.29
12	1.86	0.66	1.21	1.63	-0.28	0.62	0.86	-0.94	-0.06	0.24	-1.04	-0.36
13	1.75	0.40	1.01	1.48	-0.28	0.49	1.22	0.05	0.62	0.14	-0.86	-0.30
14	1.53	-0.46	0.41	1.64	-0.09	0.85	0.71	-1.01	-0.24	0.15	-0.67	-0.34
15	1.05	-0.12	0.47	1.55	-0.15	0.73	0.58	-0.63	0.02	0.27	-1.02	-0.43
16	1.00	-0.13	0.43	1.69	-0.01	0.89	0.66	-1.01	-0.20	0.93	-0.97	0.09
17	1.21	-0.33	0.40	1.54	0.24	0.99	-0.78	-1.43	-1.11	1.47	-0.47	0.53
18	1.11	-0.07	0.58	2.10	0.45	1.36	-0.41	-1.63	-1.07	1.14	-0.73	0.24
19	1.45	-0.07	0.75	0.86	-1.06	-0.43	-0.31	-1.94	-1.08	0.41	-1.77	-0.72
20	1.28	-0.17	0.64	0.20	-0.27	-0.03	0.31	-1.80	-0.74	0.55	-1.45	-0.48
21	0.86	-0.33	0.37	0.63	-0.85	-0.09	0.89	-1.46	-0.34	0.65	-1.54	-0.52
22	0.05	-0.49	-0.19	1.25	-1.05	0.05	1.21	-1.30	-0.12	0.66	-1.59	-0.58
23	0.95	-0.11	0.36	1.46	-0.65	0.43	1.21	-0.89	0.05	0.43	-1.41	-0.52
24	0.93	-0.12	0.48	1.38	-1.32	-0.17	0.72	-1.51	-0.59	0.61	-1.37	-0.42
25	1.54	-0.39	0.56	1.21	-0.93	0.19	0.88	-0.99	-0.02	0.82	-0.57	0.16
26	1.57	-0.32	0.61	1.47	-0.66	0.37	0.88	-1.03	-0.09	0.49	-0.32	0.19
27	1.63	-0.37	0.53	1.75	-0.54	0.63	0.82	-0.85	0.08	0.16	-1.43	-0.91
28	1.68	-0.27	0.71	1.62	-1.70	-0.47	1.04	-0.37	0.39	-0.30	-1.59	-0.91
29	1.66	-0.51	0.56	-0.03	-1.39	-0.72	1.22	-0.50	0.46	0.23	-1.36	-0.57
30	1.71	-0.46	0.67	0.05	-1.39	-0.64	0.62	-0.71	0.13	0.53	-0.94	-0.21
31	1.68	0.01	0.83	---	---	---	0.60	0.02	0.29	1.46	-0.71	0.28

3010580893139 00 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.86	0.34	1.11	1.29	-0.32	0.57	0.04	-0.77	-0.30	0.67	-0.12	0.33
2	1.81	-0.07	0.72	1.15	-0.60	0.32	-0.11	-1.32	-0.63	0.43	-0.61	-0.10
3	0.82	-1.26	-0.30	1.19	-0.54	0.36	-0.18	-0.97	-0.55	0.43	-1.01	-0.16
4	1.60	-0.62	0.23	1.40	-0.12	0.67	-0.11	-1.03	-0.63	0.78	-1.09	-0.03
5	1.76	-0.20	0.70	1.39	-0.14	0.59	0.59	-0.87	-0.07	0.65	-1.31	-0.25
6	1.41	-0.84	-0.04	1.12	-0.63	0.05	0.51	-0.87	-0.08	0.93	-1.35	-0.16
7	0.20	-1.59	-1.04	0.37	-1.09	-0.55	0.68	-0.73	0.09	0.98	-1.31	-0.16
8	-0.02	-1.13	-0.63	-0.33	-1.30	-0.69	0.62	-1.04	-0.20	1.02	-1.36	-0.15
9	0.09	-0.90	-0.26	-0.59	-2.19	-1.18	1.14	-1.23	0.04	1.27	-1.24	0.11
10	0.16	-0.76	-0.18	0.32	-2.08	-0.66	1.03	-1.16	-0.02	1.66	-0.73	0.50
11	0.98	-0.20	0.35	0.09	-1.66	-0.73	1.90	-1.35	0.31	1.53	-0.26	0.66
12	0.43	-0.57	-0.10	0.57	-1.70	-0.58	0.95	-0.72	0.15	1.49	0.00	0.84
13	0.62	-0.79	-0.07	1.18	-1.55	-0.08	-0.22	-2.25	-1.41	1.27	0.16	0.82
14	1.33	-0.59	0.31	1.11	-1.19	0.03	-0.71	-2.06	-1.31	1.40	0.88	1.18
15	0.17	-2.23	-1.15	1.12	-1.00	0.13	-0.47	-1.69	-0.98	1.48	0.12	0.97
16	0.34	-1.66	-0.70	0.96	-1.02	0.03	-0.23	-1.42	-0.74	1.24	0.15	0.79
17	0.25	-1.73	-0.65	0.64	-0.80	0.06	-0.21	-1.02	-0.61	1.42	-0.03	0.87
18	0.05	-1.81	-0.96	0.63	-0.99	-0.14	-0.03	-0.77	-0.35	1.69	-0.19	0.81
19	0.59	-1.86	-0.78	0.63	-0.92	-0.21	0.38	-0.92	-0.09	1.41	-0.33	0.64
20	0.72	-1.26	-0.17	0.44	-0.67	-0.16	0.48	-0.89	-0.17	1.35	-0.48	0.46
21	0.72	-1.04	-0.23	0.08	-1.01	-0.46	1.10	-0.74	0.30	1.18	-0.59	0.30
22	0.55	-0.27	0.04	0.75	-0.75	0.04	1.26	-0.33	0.54	1.40	-0.63	0.42
23	1.78	-0.07	0.68	1.09	-0.47	0.45	1.19	-0.37	0.41	1.52	-0.39	0.56
24	1.83	0.52	0.95	1.16	-0.28	0.52	1.36	-0.49	0.46	1.30	-0.39	0.43
25	1.36	0.14	0.71	1.35	-0.13	0.60	1.38	-0.31	0.49	0.98	-0.57	0.17
26	0.86	-0.45	0.24	1.29	-0.60	0.35	0.70	-0.32	0.21	0.62	-0.87	-0.14
27	0.28	-0.84	-0.35	1.23	-0.60	0.36	0.80	-0.77	-0.04	0.17	-0.95	-0.32
28	0.73	-0.96	-0.11	1.13	-0.40	0.35	1.06	-0.83	0.23	0.32	-1.11	-0.33
29	1.31	-0.80	0.32	0.99	-0.67	0.09	1.62	-0.28	0.56	0.21	-0.72	-0.24
30	---	---	---	0.75	-1.07	-0.14	0.85	0.12	0.50	0.68	-0.42	0.11
31	---	---	---	-0.09	-1.02	-0.69	---	---	---	0.41	-0.78	-0.15

		JUNE			JULY			AUGUST			SEPTEMBER	
1	0.81	-0.60	0.20	1.41	-1.01	0.26	1.41	-0.58	0.48	0.43	---	---
2	0.85	-1.17	0.01	1.37	-1.01	0.26	1.04	-0.71	0.12	0.55	-0.24	0.17
3	0.81	-1.37	-0.13	1.30	-0.97	0.24	0.86	-0.74	0.06	0.84	0.15	0.49
4	0.93	-1.49	-0.25	1.21	-0.96	0.12	0.41	-0.59	-0.06	1.10	-0.10	0.46
5	1.30	-1.45	-0.06	1.03	-0.88	0.07	-0.22	-0.70	-0.47	1.06	-0.58	0.23
6	1.22	-1.21	-0.04	0.62	-0.83	-0.16	0.05	-0.48	-0.23	0.55	-1.04	-0.31
7	1.09	-1.03	0.21	0.44	-0.90	-0.18	0.88	-0.14	0.58	-0.13	-1.58	-0.79
8	1.07	-0.67	0.22	0.37	-0.55	-0.08	1.63	0.83	1.27	0.41	-1.36	-0.46
9	0.72	-0.53	0.17	0.62	-0.35	0.11	1.59	0.08	0.88	0.73	-0.97	-0.03
10	0.47	-0.19	0.17	0.52	-0.60	0.00	1.19	-0.70	0.38	0.69	-0.72	0.06
11	0.24	-0.42	-0.03	0.83	-0.81	0.08	1.11	-0.64	0.34	1.03	-0.43	0.42
12	0.21	-0.60	-0.12	0.34	-1.21	-0.34	1.05	-0.77	0.22	1.48	0.10	0.81
13	0.64	-0.75	0.05	0.61	-1.15	-0.22	1.16	-0.77	0.28	1.44	0.30	0.89
14	1.37	-0.42	0.61	0.78	-1.10	-0.23	1.07	-0.73	0.16	1.83	0.87	1.45
15	1.20	-0.53	0.62	0.72	-1.43	-0.19	1.06	-0.72	0.20	4.48	1.43	2.82
16	1.42	-0.62	0.52	0.63	-1.43	-0.37	0.91	-0.71	0.13	4.52	0.20	1.42
17	1.20	-0.74	0.32	0.35	-1.42	-0.43	0.82	-0.74	0.08	1.54	-0.26	0.65
18	1.16	-0.85	0.18	0.37	-1.43	-0.60	0.57	-0.59	0.01	1.40	-0.09	0.55
19	1.06	-0.95	0.05	1.00	-1.43	-0.13	0.57	-0.44	0.14	1.32	-0.41	0.57
20	1.04	-1.04	-0.01	0.90	-1.19	-0.03	0.46	-0.17	0.11	1.71	0.37	1.01
21	1.06	-0.97	0.03	---	-0.83	---	0.62	-0.83	-0.13	1.84	0.19	1.10
22	0.87	-0.87	-0.02	---	-0.59	---	0.71	-0.89	-0.08	2.25	0.83	1.49
23	0.41	-0.95	-0.14	0.04	-0.62	-0.21	0.94	-1.01	-0.02	2.56	0.52	1.63
24	0.86	-0.85	-0.04	0.52	-0.54	-0.07	0.95	-1.04	-0.01	1.56	-0.19	0.86
25	0.34	-0.77	-0.19	0.55	-0.89	-0.14	0.90	-1.11	-0.11	1.45	-0.29	0.63
26	0.18	-0.85	-0.34	0.81	-0.98	0.08	0.95	-0.97	0.05	1.02	-0.47	0.34
27	0.42	-1.00	-0.16	0.93	-1.16	-0.03	1.13	-0.84	0.25	0.38	-0.74	-0.17
28	0.90	-1.00	0.07	1.06	-1.14	0.03	1.13	-0.84	0.27	0.36	-0.74	-0.18
29	1.24	-0.80	0.31	1.11	-1.17	0.07	1.17	-0.79	0.25	0.30	-0.42	-0.03
30	1.18	-0.90	0.21	1.37	-1.15	0.31	0.94	-0.72	0.15	0.75	-0.40	0.20
31	---	---	---	1.48	-0.58	0.54	0.70	-0.53	0.13	---	---	---

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22200	11900	17100	25300	14400	20800	10700	6090	8700	24100	10200	19300
2	22700	10300	18000	23200	12900	19100	11000	6820	8930	22600	11400	18700
3	23000	12700	18400	21300	14400	18200	18300	10900	13500	23200	9360	17500
4	21200	11500	17500	26200	17700	23500	21200	6190	15200	24300	7840	16900
5	18300	11500	15200	28800	17700	23100	22200	3670	9980	25600	5610	15000
6	18500	11600	15200	22600	14500	17400	9070	970	4750	22500	4320	13800
7	19800	11700	16600	19700	14600	17800	11000	662	5850	21600	4890	13800
8	19000	14000	16300	20600	14200	18100	13900	2190	8080	23300	3980	14900
9	20300	14700	17800	21000	13100	17600	22600	3950	13400	24800	4670	13800
10	23500	17100	20800	23200	15400	19500	22900	2910	9360	18800	2600	9890
11	25400	21900	23300	22800	15200	19400	10600	5920	7690	15700	1670	8490
12	24400	12400	18800	24800	14800	19800	17300	4170	11900	10300	1330	5810
13	23100	11900	18000	22500	14100	17400	25300	16200	21100	11500	2960	7720
14	21600	9860	14700	24700	16400	20300	26400	9220	17200	21500	6960	10700
15	15300	9420	11700	24000	15000	20100	19800	13400	17600	24600	7240	14000
16	14100	9010	11400	26200	16200	21900	20200	10500	15800	24500	8910	18900
17	16300	8130	12700	25500	17800	22500	13100	7060	8580	24900	8650	19600
18	16700	9480	13100	30000	19300	26500	8360	6020	7170	24400	4370	14900
19	18100	10100	14900	22200	12700	15000	9810	4430	6790	18400	1850	7140
20	18200	9810	14800	16500	12700	14100	13700	4940	9480	14700	1890	9160
21	15000	8450	12400	18700	11800	15600	21200	6260	13400	14600	1860	8780
22	9900	7210	8720	23800	13600	17300	25600	11900	17900	15000	2100	8400
23	14900	7270	11300	26200	16300	21000	27100	11600	19800	13700	2670	8720
24	16600	11300	14700	26700	11800	17800	19800	8880	15000	13100	2730	9140
25	21500	11000	16600	23900	14300	20000	23400	12500	19100	16100	6540	12200
26	22700	13200	18400	27400	14900	22400	25800	13800	20100	17900	12100	15300
27	21900	11600	17400	30300	13900	24200	25800	14100	22100	17100	2300	7090
28	22900	14900	18600	27000	8350	15700	28700	19300	26100	8090	2530	5110
29	23000	11600	17600	13300	7760	10600	31300	17200	26200	10900	1790	6800
30	23600	11300	18200	11000	6220	9250	22400	15300	19800	16300	4980	10800
31	24500	13400	19900	---	---	---	22700	20600	22100	26700	4860	14800
		FEBRUARY			MARCH			APRIL			MAY	
1	32000	14800	25500	79	68	72	5790	2780	3950	7400	1900	4930
2	31800	7660	19900	77	68	73	4310	1840	3210	4230	508	1840
3	29700	1850	11000	1080	72	169	4400	2260	3400	3730	647	1570
4	24700	1220	12300	1470	88	335	4540	1750	2780	7130	647	3950
5	28900	4900	16400	1470	112	358	11000	1750	7110	6050	383	2390
6	23400	1890	9780	169	102	118	12700	5040	8690	7170	383	3560
7	12100	1560	5980	112	98	105	13600	4620	10200	7360	849	3930
8	8330	2270	3880	111	97	103	10100	5000	7210	7770	966	4250
9	10200	1930	6740	268	100	120	15900	3720	9700	9460	1620	5430
10	9700	145	3870	2410	106	1250	15400	5110	10600	14500	3090	8270
11	10900	129	4500	3530	118	907	21800	5330	13200	14800	3450	10100
12	7070	107	924	4190	100	1520	20700	8980	14200	15500	6180	11400
13	696	91	175	11400	96	4620	12600	5270	6680	14300	4450	9690
14	4690	96	1030	12900	446	6290	5940	4180	5070	15600	4380	11500
15	212	84	126	13100	391	6720	7610	4660	6230	13900	1860	9030
16	90	72	83	12800	443	5900	10700	6250	8110	7260	956	3030
17	---	72	---	10700	337	3150	10700	8780	10100	7550	120	3510
18	79	73	76	6060	102	1390	14600	10300	12600	6670	120	2370
19	77	72	75	6060	127	1140	16500	10700	14500	1210	93	342
20	78	74	76	4150	119	1080	17000	9620	13000	301	81	139
21	78	74	76	189	111	133	18400	8820	14900	267	76	112
22	77	73	75	5730	127	3130	21300	11800	18200	3230	72	1020
23	4070	73	428	14900	1750	8300	23300	10000	18200	2760	75	1020
24	4070	94	961	18300	2830	11000	23900	11100	18900	2980	83	741
25	102	87	91	19800	7930	14700	23700	11400	19400	445	83	188
26	90	77	84	19200	6060	14100	20300	7190	12900	349	88	144
27	77	68	74	16800	5400	12200	13700	4530	9680	2410	97	633
28	68	62	66	15400	4990	11600	14500	2640	9050	3660	99	925
29	1010	61	236	12200	4770	9040	16800	1910	10400	3280	495	1280
30	---	---	---	9130	3210	6110	16000	2840	7410	4800	1070	2540
31	---	---	---	6470	2380	3770	---	---	---	6180	815	3630

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microseimens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6890	2640	5370	---	63	---	23400	9420	17700	19100	14300	17500
2	8150	1890	4060	5120	61	1510	19000	8990	14400	18700	14600	16900
3	7410	1070	3860	3810	58	949	17100	7740	13000	22400	15000	19100
4	7900	742	3660	1640	57	440	11900	9370	10500	25700	14100	20600
5	8850	532	4410	686	56	172	11000	6160	9400	25300	10400	19800
6	9030	294	3870	88	56	62	14900	6500	10600	17900	8120	13500
7	9660	179	4130	113	55	61	22300	11500	18400	10400	6420	8570
8	8370	153	3430	82	55	60	30400	22100	27400	12500	7210	10000
9	4830	87	615	97	55	69	30500	15700	24600	16900	8050	13200
10	976	82	322	70	59	63	25100	13400	21000	20400	11000	16600
11	817	78	153	196	65	92	22800	13000	19200	23900	15100	20100
12	2180	79	673	74	64	67	21400	10600	17300	26400	16600	23800
13	6360	1140	3300	264	67	93	21100	9730	16600	28700	20600	25400
14	14300	1140	9660	1680	67	339	19900	10600	15900	31300	25400	28400
15	13800	4690	10500	2330	72	549	19900	10100	15700	35300	27900	32600
16	14800	3380	9360	1570	78	226	19300	10300	15100	34300	20700	27700
17	14200	2290	8060	168	89	114	18500	9830	14600	30900	18900	23900
18	13100	1330	7750	2170	90	409	15400	10600	13000	25500	15700	20800
19	11900	2530	6810	9830	101	3440	17300	9690	12700	25500	16100	21200
20	10800	1940	6100	11500	612	5850	17200	10100	14300	26600	18300	23700
21	10400	2230	6320	---	2150	---	14600	8830	12300	29100	19000	25700
22	7280	1630	4190	8830	---	---	16500	10100	13500	31000	23200	28100
23	4210	740	1960	5100	2400	3790	18400	10200	14200	34200	22600	30500
24	7880	385	4000	13900	4220	8560	17000	11100	14300	31900	19300	26700
25	3530	341	1260	16500	5020	10500	19000	11200	15100	28100	18100	24100
26	1410	134	407	18400	7630	13900	20100	10900	15800	22900	16500	19900
27	1620	105	492	18200	6920	14500	22200	10900	17900	18100	13000	15900
28	4520	98	1630	18300	8200	13800	23200	11300	18900	16900	11300	14000
29	5600	97	2160	19300	8160	13800	23300	12600	19000	16100	13300	15000
30	5030	69	1400	21700	6620	14900	21400	11600	17300	18500	14200	16200
31	---	---	---	23500	9590	17700	20500	11600	15700	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.8	22.2	23.0	23.5	22.1	22.8	15.4	13.9	14.4	13.4	12.2	12.8
2	23.0	21.6	22.3	24.0	22.7	23.2	14.7	13.9	14.5	13.9	13.0	13.4
3	22.6	21.0	21.8	23.7	22.9	23.3	14.8	14.2	14.5	15.2	13.5	14.0
4	23.3	21.2	22.2	23.8	22.8	23.4	15.2	13.9	14.5	16.0	14.1	14.9
5	24.1	21.8	22.9	24.3	23.3	23.8	14.7	13.5	13.9	15.7	14.6	15.3
6	24.1	22.7	23.5	24.8	23.6	24.2	13.9	12.2	12.6	14.6	12.5	13.6
7	24.7	23.4	24.0	24.7	23.6	24.0	12.8	11.4	11.9	12.5	11.6	12.1
8	25.1	24.0	24.4	23.9	22.6	23.3	12.4	11.1	11.8	11.6	10.7	11.0
9	24.8	24.2	24.5	22.9	21.8	22.5	13.1	11.7	12.6	11.2	10.8	11.0
10	24.6	23.8	24.2	22.1	21.5	21.9	13.0	11.3	12.0	11.2	10.0	10.8
11	23.8	23.6	23.7	22.5	21.3	21.9	12.4	11.2	11.7	11.0	9.8	10.3
12	24.0	23.3	23.6	23.9	21.9	22.5	12.4	11.1	11.6	10.8	10.1	10.4
13	24.2	23.2	23.8	22.8	21.0	22.2	11.9	11.6	11.8	11.4	10.3	10.8
14	24.6	23.8	24.2	21.3	19.3	20.0	11.9	11.1	11.5	12.3	10.8	11.2
15	24.3	23.0	23.6	19.8	19.1	19.4	12.4	10.9	11.4	13.4	11.0	11.6
16	23.4	22.6	23.0	20.6	19.2	19.7	12.8	11.6	12.1	12.2	11.0	11.6
17	23.9	22.5	23.1	21.2	19.7	20.3	12.0	10.7	11.1	12.3	11.6	12.0
18	23.2	22.3	22.8	20.7	20.2	20.5	11.1	10.2	10.7	13.5	12.2	12.5
19	22.9	22.0	22.4	20.5	18.1	19.0	11.4	10.2	10.7	12.8	11.9	12.4
20	23.4	21.8	22.5	18.8	17.5	18.1	11.0	9.8	10.5	12.3	11.0	11.6
21	23.8	22.2	23.0	19.1	17.7	18.4	11.5	9.9	10.7	11.9	10.6	11.1
22	23.3	22.2	22.9	19.4	18.2	18.8	12.5	10.8	11.5	11.7	10.5	11.0
23	23.5	22.5	23.0	19.8	18.9	19.3	12.2	11.8	12.0	12.0	10.7	11.3
24	24.0	22.8	23.3	19.8	16.7	18.0	12.1	11.0	11.5	11.9	11.1	11.4
25	24.2	23.4	23.7	16.8	15.2	16.0	11.3	10.6	11.1	12.9	11.6	12.2
26	24.4	23.8	24.1	16.0	15.1	15.7	11.6	10.4	11.0	13.0	12.4	12.7
27	23.8	21.8	22.8	16.6	16.0	16.4	12.1	10.7	11.3	13.0	11.1	11.6
28	22.0	20.8	21.3	16.4	14.7	15.6	12.4	11.3	11.8	11.4	10.1	10.7
29	21.9	20.6	21.1	14.7	13.6	14.2	13.0	12.0	12.5	11.0	10.2	10.6
30	22.1	21.0	21.5	15.0	13.5	14.1	12.7	11.9	12.3	11.1	10.7	10.9
31	23.0	21.7	22.3	---	---	---	12.9	12.4	12.6	11.0	10.1	10.5

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.6	10.3	10.4	13.7	12.7	13.3	20.4	19.1	19.8	22.8	20.7	21.7
2	11.6	10.5	10.9	14.9	13.6	14.4	20.7	19.4	20.1	22.7	21.7	22.0
3	11.4	10.6	11.0	17.1	14.9	16.2	21.1	19.6	20.1	22.3	21.4	21.7
4	11.2	10.3	10.6	18.3	16.4	17.2	21.4	19.6	20.4	22.8	20.6	21.6
5	12.7	10.8	11.5	18.8	17.4	18.2	20.7	19.0	19.7	24.0	21.0	21.9
6	13.4	12.0	12.8	19.6	18.6	19.1	20.6	19.4	19.9	24.1	21.4	22.7
7	13.0	11.6	12.3	20.2	19.0	19.6	21.6	19.8	20.5	24.7	22.0	23.3
8	12.0	10.5	11.4	20.0	18.4	18.9	22.2	20.4	21.3	25.3	22.7	23.9
9	11.3	10.3	10.8	19.0	17.8	18.3	22.4	21.0	21.9	25.7	23.3	24.6
10	11.6	10.8	11.2	17.9	16.2	17.2	23.4	21.8	22.6	25.7	24.0	24.9
11	11.6	11.3	11.4	17.8	16.3	17.0	23.0	22.2	22.5	25.1	23.9	24.6
12	12.2	11.6	12.0	17.9	15.9	16.9	22.6	21.6	22.1	25.5	23.8	24.7
13	11.8	11.2	11.5	18.0	16.2	17.1	21.6	18.6	19.8	26.1	23.6	25.0
14	11.3	10.8	11.2	17.8	16.7	17.4	19.7	18.2	18.8	26.0	24.3	25.4
15	10.8	10.3	10.5	17.9	17.1	17.5	19.9	18.4	19.0	26.0	23.7	24.9
16	10.4	10.2	10.3	18.6	17.3	17.9	21.2	18.9	19.8	25.4	23.5	24.3
17	10.3	9.8	10.0	19.2	17.3	18.1	22.0	19.8	20.8	26.4	24.1	25.1
18	9.9	9.4	9.7	19.6	17.3	18.5	22.8	20.9	21.9	26.2	23.7	24.8
19	10.1	9.7	9.9	20.8	18.1	19.1	23.5	21.7	22.5	25.5	23.0	23.9
20	10.9	10.1	10.6	20.9	19.3	20.2	23.2	21.9	22.6	25.3	23.5	24.1
21	12.0	10.9	11.6	20.7	20.1	20.4	23.7	22.2	22.8	25.4	23.9	24.3
22	12.3	11.9	12.1	20.4	18.0	18.9	24.4	22.5	23.3	27.2	24.1	25.3
23	13.8	12.2	12.8	19.1	17.0	18.0	24.8	23.6	24.1	27.0	24.4	25.6
24	13.6	12.4	12.7	18.2	16.9	17.8	25.1	24.2	24.6	28.2	24.9	26.1
25	12.7	12.4	12.5	18.8	17.6	18.3	25.2	24.2	24.6	27.2	25.2	25.9
26	12.6	12.0	12.4	19.7	18.5	19.1	24.2	23.5	23.8	27.5	25.4	26.3
27	12.0	11.6	11.8	20.6	19.0	19.9	24.6	22.6	23.5	28.0	25.3	26.4
28	12.4	11.9	12.2	21.5	19.9	20.8	23.7	22.1	23.0	28.4	25.7	26.8
29	13.7	12.1	12.8	22.9	20.7	21.4	23.3	21.6	22.4	28.8	26.4	27.6
30	---	---	---	22.1	20.6	21.4	22.7	20.9	21.8	29.3	27.8	28.4
31	---	---	---	21.7	20.0	20.7	---	---	---	29.3	27.7	28.3
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.9	27.9	28.3	---	25.4	---	31.6	30.2	30.9	30.9	---	---
2	28.2	27.4	27.8	28.5	25.4	26.6	31.6	30.1	30.8	30.8	29.6	30.2
3	28.1	27.0	27.6	29.1	25.4	26.7	31.8	30.0	30.8	30.2	29.0	29.4
4	28.4	27.1	27.7	28.9	25.9	27.0	32.7	30.5	31.2	30.0	28.4	29.0
5	28.5	26.8	27.7	28.8	26.1	26.9	31.9	30.9	31.4	30.4	28.7	29.5
6	28.8	25.9	27.4	27.2	26.3	26.6	31.3	30.0	30.7	30.0	28.6	29.3
7	28.4	25.5	27.0	27.8	26.2	26.6	30.7	29.0	29.6	29.6	28.9	29.2
8	29.0	25.3	27.1	27.6	26.2	26.5	29.3	28.7	29.0	29.8	28.3	29.0
9	28.2	25.8	26.5	27.2	26.0	26.4	29.6	28.4	28.9	29.4	28.4	28.9
10	28.5	26.0	26.9	26.9	26.0	26.4	30.3	28.6	29.2	29.8	28.3	29.0
11	28.6	26.5	27.1	28.0	26.2	26.8	30.1	28.6	29.4	29.6	28.4	29.1
12	29.5	27.1	27.9	27.1	26.6	26.7	29.6	28.4	28.9	29.3	28.3	28.7
13	30.1	27.5	28.8	27.7	26.2	26.9	28.4	27.1	27.8	28.8	27.8	28.4
14	29.5	27.8	28.7	28.3	26.9	27.6	27.4	26.0	26.8	28.7	27.6	28.3
15	30.7	28.3	29.1	30.8	27.4	28.4	27.2	25.4	26.3	28.3	26.1	27.3
16	30.8	28.6	29.4	28.9	27.8	28.3	27.3	25.3	26.4	27.3	25.2	26.3
17	31.9	29.0	30.0	29.0	28.5	28.7	27.5	26.0	26.7	28.5	26.7	27.4
18	31.9	29.4	30.5	30.1	28.4	28.8	29.2	26.7	27.6	28.4	27.3	27.8
19	31.6	29.9	30.6	29.6	27.9	28.9	29.3	27.6	28.3	28.2	26.6	27.3
20	31.4	29.5	30.4	30.1	28.5	29.2	29.9	27.8	28.9	27.4	26.4	26.8
21	31.4	29.5	30.5	---	28.7	---	29.7	28.0	28.7	26.9	25.7	26.2
22	31.4	29.4	30.1	31.7	---	---	30.4	27.8	28.9	26.6	25.2	25.7
23	30.3	29.0	29.6	30.2	29.2	29.6	31.1	28.6	29.6	25.7	25.1	25.3
24	29.9	28.6	29.4	32.1	29.4	30.4	31.1	29.1	30.0	26.9	25.3	25.9
25	28.6	27.5	27.9	32.0	30.3	31.0	31.6	29.7	30.5	26.9	25.6	26.3
26	27.6	27.2	27.4	30.6	30.0	30.3	32.3	30.1	31.0	26.6	25.6	26.2
27	27.7	26.5	27.1	30.7	29.7	30.1	31.5	30.5	31.0	26.4	25.3	26.0
28	28.7	26.1	27.2	31.0	29.3	30.2	31.2	30.4	30.8	26.7	25.7	26.2
29	29.1	25.6	27.1	32.0	29.8	30.7	30.6	29.6	30.2	26.6	25.5	26.1
30	29.2	25.3	26.9	31.5	30.4	30.9	30.2	29.1	29.6	27.0	25.7	26.3
31	---	---	---	31.3	30.0	30.7	30.0	28.8	29.3	---	---	---

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22

LOCATION.--Lat 30°11'04", long 89°25'34", St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on the USCG St. Joseph Island Light platform, in the Mississippi Sound.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: July 2000 to current year.
SPECIFIC CONDUCTANCE: July 2000 to current year.
WATER TEMPERATURE: July 2000 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform since July 2000. Datum of gage is assumed. Water-quality monitor since July 2000.

REMARKS.--Gage height records fair. Specific conductance records fair. Water temperature records excellent. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 9.04 ft, Sept. 26, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, 1.00 ft, Feb. 15, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 46,500 microsiemens, Sept. 7, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 158 microsiemens, Mar. 8, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2 °C, July 24, 2004, but may have been higher during periods of instrument malfunction; minimum recorded, 6.6 °C, Jan. 5, 2002, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 8.23 ft, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 1.00 ft, Feb. 15, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 39,300 microsiemens, Feb. 2, but may have been higher during periods of instrument malfunction; minimum recorded, 720 microsiemens, Feb. 27, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2 °C, July 24, but may have been higher during periods of instrument malfunction; minimum recorded, 9.2 °C, Jan. 12, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.63	3.84	4.59	5.33	3.48	4.38	3.81	2.96	3.41	4.44	3.04	3.74
2	5.35	3.44	4.43	4.87	3.57	4.27	4.02	3.40	3.59	4.50	2.90	3.73
3	5.62	3.54	4.52	4.62	3.74	4.22	4.71	3.84	4.22	4.67	2.69	3.69
4	5.30	3.50	4.44	5.62	4.32	5.07	4.69	3.56	4.16	4.90	2.70	3.84
5	5.04	3.32	4.23	5.63	4.20	4.65	4.30	3.22	3.62	4.71	2.71	3.59
6	5.01	3.58	4.33	4.66	3.50	4.08	3.88	2.37	3.16	4.32	2.11	3.33
7	5.06	3.93	4.52	4.64	3.53	4.16	4.42	2.26	3.27	4.63	2.66	3.58
8	4.68	4.01	4.37	4.84	3.52	4.19	4.93	2.43	3.60	5.24	2.26	3.70
9	4.91	4.41	4.66	5.11	3.48	4.16	5.44	3.01	4.21	5.25	2.16	3.61
10	5.64	4.39	4.91	5.13	3.64	4.34	5.32	1.72	3.06	4.29	2.12	3.26
11	5.66	5.10	5.36	5.33	3.28	4.23	4.49	2.49	3.32	4.34	2.58	3.36
12	5.54	4.24	4.83	5.33	3.20	4.14	4.96	2.86	3.82	3.94	2.55	3.30
13	5.43	3.94	4.63	5.17	3.07	3.97	5.23	3.92	4.52	3.88	2.81	3.39
14	5.23	3.16	4.00	5.17	3.36	4.35	4.63	2.82	3.62	3.85	2.99	3.37
15	4.70	3.44	4.09	5.19	3.33	4.26	4.52	3.25	3.89	4.00	2.71	3.27
16	4.67	3.44	4.06	5.33	3.46	4.44	4.57	2.62	3.63	4.69	2.66	3.79
17	4.96	3.25	4.04	5.17	3.76	4.55	3.06	2.42	2.77	5.38	3.13	4.28
18	4.83	3.56	4.22	5.67	3.86	4.91	3.33	2.25	2.72	4.97	2.87	3.91
19	5.18	3.50	4.37	4.44	2.48	3.10	3.50	1.71	2.65	4.13	1.61	2.92
20	4.98	3.40	4.25	4.03	3.36	3.66	4.10	1.88	3.03	4.33	2.11	3.18
21	4.54	3.24	4.00	4.55	3.03	3.79	4.73	2.20	3.43	4.51	1.80	3.15
22	3.74	3.15	3.48	5.21	2.75	3.94	5.05	2.29	3.60	4.51	1.94	3.08
23	4.67	3.57	4.07	5.54	3.12	4.32	5.03	2.74	3.74	4.25	2.17	3.15
24	4.65	3.52	4.14	5.54	2.05	3.62	4.96	2.09	3.16	4.50	2.25	3.30
25	5.32	3.12	4.21	5.34	2.87	4.08	4.96	2.67	3.70	4.71	2.82	3.88
26	5.32	3.15	4.22	5.66	3.11	4.24	4.68	2.48	3.58	4.27	3.43	3.91
27	5.50	3.06	4.17	5.85	3.24	4.44	4.69	2.61	3.76	3.88	2.13	2.77
28	5.50	3.21	4.32	5.73	1.76	3.17	4.82	3.30	4.11	3.51	2.00	2.80
29	5.49	2.97	4.16	3.81	2.42	3.12	4.98	3.15	4.14	3.96	2.39	3.17
30	5.48	3.03	4.26	3.93	2.41	3.21	4.37	2.76	3.84	4.27	2.72	3.52
31	5.44	3.53	4.44	---	---	---	4.35	3.63	3.98	5.36	2.76	4.04

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.72	3.69	4.79	4.90	3.17	4.11	3.75	2.98	3.42	4.62	3.44	4.10
2	5.32	3.63	4.36	4.75	2.89	3.88	3.56	2.29	3.09	4.27	3.09	3.69
3	4.37	2.06	3.28	4.95	2.94	3.93	3.54	2.55	3.15	4.29	2.60	3.62
4	5.64	2.96	3.97	4.99	3.16	4.15	3.53	2.70	3.09	4.64	2.55	3.70
5	5.64	3.37	4.31	4.99	3.14	4.08	4.45	2.83	3.65	4.48	2.27	3.49
6	5.21	2.78	3.60	4.86	2.86	3.61	4.26	2.78	3.60	4.86	2.26	3.59
7	3.91	2.09	2.60	3.99	2.43	3.01	4.44	2.83	3.79	4.90	2.26	3.60
8	3.79	2.66	3.09	3.22	2.26	2.82	4.73	2.55	3.54	4.97	2.24	3.61
9	3.85	2.82	3.45	2.98	1.23	2.40	4.95	2.47	3.80	5.22	2.40	3.92
10	3.89	2.88	3.44	3.98	1.43	2.91	4.82	2.53	3.72	5.67	2.81	4.28
11	4.59	3.36	4.00	3.74	1.89	2.85	5.97	2.29	4.08	5.63	3.34	4.37
12	4.05	2.96	3.46	4.25	1.90	3.06	4.77	2.96	3.92	5.34	3.36	4.53
13	4.25	2.53	3.47	5.09	2.03	3.60	3.54	1.03	2.30	5.27	3.68	4.60
14	5.11	3.01	3.96	4.82	2.39	3.67	3.15	1.49	2.47	5.35	4.35	4.88
15	3.52	1.00	2.33	4.83	2.58	3.78	3.29	2.05	2.80	5.29	3.85	4.65
16	4.01	1.80	2.90	4.66	2.53	3.67	3.65	2.36	3.02	4.99	3.62	4.48
17	3.96	1.72	2.96	4.28	2.78	3.68	3.54	2.75	3.13	5.22	3.61	4.55
18	3.69	1.67	2.66	4.30	2.63	3.48	3.63	3.02	3.36	5.58	3.29	4.47
19	4.33	1.68	2.88	4.19	2.67	3.41	4.18	2.79	3.63	5.20	3.19	4.33
20	4.44	2.36	3.50	4.09	3.03	3.47	4.25	2.87	3.58	5.13	3.03	4.15
21	4.44	2.48	3.42	3.69	2.79	3.20	5.18	3.30	4.16	4.99	3.02	4.00
22	4.27	3.35	3.69	4.38	2.89	3.72	5.30	3.22	4.32	5.25	3.03	4.16
23	5.69	3.08	4.36	5.10	3.11	4.09	5.12	3.26	4.14	5.55	3.24	4.31
24	5.45	3.86	4.47	4.92	3.34	4.14	5.39	3.00	4.18	5.09	3.23	4.15
25	5.09	3.79	4.39	5.20	3.34	4.26	5.62	3.47	4.31	4.79	3.11	3.90
26	4.47	3.06	3.88	5.05	3.04	3.95	4.48	3.13	3.94	4.52	2.80	3.61
27	3.91	2.72	3.22	4.94	3.03	4.02	4.61	2.88	3.74	4.47	2.70	3.50
28	4.33	2.60	3.47	4.83	3.24	4.00	5.14	2.79	3.99	4.23	2.53	3.45
29	5.18	2.67	3.93	4.66	2.96	3.76	5.61	2.97	4.35	4.02	2.99	3.50
30	---	---	---	4.46	2.56	3.55	4.53	3.80	4.27	4.55	3.21	3.80
31	---	---	---	3.62	2.47	3.05	---	---	---	4.27	2.83	3.67
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.68	3.12	3.94	5.17	2.50	3.87	5.11	2.86	4.04	4.14	3.43	3.85
2	4.67	2.37	3.70	5.17	2.51	3.91	4.67	2.78	3.69	4.30	3.52	3.91
3	4.78	2.09	3.62	5.09	2.41	3.88	4.49	2.82	3.65	4.71	3.70	4.22
4	4.83	2.09	3.48	4.98	2.51	3.73	4.07	2.98	3.59	4.90	3.54	4.15
5	5.10	1.99	3.64	4.73	2.51	3.68	3.43	2.95	3.16	4.89	3.12	3.92
6	4.98	2.29	3.66	4.27	2.63	3.46	3.76	3.08	3.40	4.25	2.59	3.41
7	4.84	2.30	3.89	4.18	2.63	3.46	4.57	3.46	4.12	3.67	2.15	2.99
8	4.99	3.02	3.89	3.93	3.06	3.56	5.33	4.20	4.80	4.24	2.40	3.33
9	4.37	3.03	3.84	4.33	3.30	3.69	5.19	3.55	4.44	4.49	2.90	3.75
10	4.11	3.44	3.85	4.16	2.98	3.58	4.80	2.87	3.94	4.52	2.97	3.81
11	3.92	3.39	3.69	4.49	2.70	3.64	4.74	2.93	3.92	5.01	3.45	4.19
12	3.93	3.14	3.60	3.96	2.28	3.21	4.73	2.78	3.83	5.24	3.95	4.54
13	4.35	2.90	3.74	4.27	2.40	3.36	4.87	2.75	3.87	5.14	3.98	4.66
14	5.17	3.60	4.37	4.59	2.34	3.35	4.73	2.81	3.76	5.80	4.60	5.12
15	4.93	3.02	4.22	4.31	1.96	3.33	4.71	2.81	3.74	8.23	5.31	6.66
16	5.14	2.82	4.15	---	---	---	4.55	2.87	3.70	8.22	---	---
17	4.85	2.82	3.94	---	---	---	4.43	2.87	3.66	---	---	---
18	4.90	2.63	3.81	---	---	---	4.14	3.05	3.62	---	---	---
19	4.79	2.61	3.68	---	---	---	4.12	3.25	3.76	---	---	---
20	4.78	2.49	3.64	---	---	---	4.08	3.42	3.74	---	---	---
21	4.81	2.60	3.71	---	---	---	4.24	2.97	3.54	---	---	---
22	4.57	2.64	3.61	4.09	2.88	3.49	4.36	2.82	3.59	---	---	---
23	4.13	2.60	3.49	3.56	2.96	3.38	4.70	2.72	3.68	---	---	---
24	4.56	2.75	3.59	4.07	3.11	3.53	4.70	2.43	3.65	---	---	---
25	3.96	2.75	3.48	4.04	2.80	3.45	4.65	2.43	3.51	---	---	---
26	3.81	2.74	3.34	4.47	2.79	3.69	4.71	2.62	3.73	---	---	---
27	4.30	2.47	3.49	4.62	2.42	3.55	4.92	2.71	3.92	---	---	---
28	4.60	2.48	3.69	4.71	2.32	3.58	4.85	2.82	3.93	---	---	---
29	4.91	2.73	3.94	4.79	2.32	3.65	4.89	2.73	3.91	4.12	---	---
30	4.88	2.59	3.83	5.17	2.51	3.94	4.70	2.94	3.85	4.70	3.38	3.96
31	---	---	---	5.26	2.89	4.15	4.42	3.21	3.85	---	---	---

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microseimens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24100	21000	22500	30000	23900	27100	16500	13200	14800	34700	24900	28300
2	23700	21100	22500	26800	23600	25700	16800	15000	15700	35500	24500	29900
3	24500	21000	22800	26300	22500	24800	26400	15900	21600	35800	18800	26400
4	24000	18600	22100	31000	23800	28400	28600	24200	26500	32500	21900	27300
5	23800	17900	21200	31400	24900	28400	26600	17500	21800	32600	24000	29100
6	25700	17900	21100	27500	21000	23700	17500	10600	12300	32000	23500	27700
7	26900	18100	22700	26600	19500	22100	15200	9740	12000	33100	23200	26900
8	24500	21200	22800	29200	21000	24600	23400	10900	15500	32800	23800	27400
9	26800	21300	24700	29700	21300	24900	27800	16700	22600	34100	24600	29000
10	27700	24000	25500	30200	23400	25600	29100	11500	19200	28800	18100	23100
11	28600	26200	27500	27600	22800	25000	20100	10000	14300	28400	15000	21000
12	27800	23800	25700	30000	20700	25200	24700	17100	20800	24600	13100	18000
13	25900	22300	24500	29400	22700	25600	28900	24700	27600	26600	14000	20200
14	24600	17900	21200	32100	21500	27700	28900	18300	24800	26100	16300	21400
15	19900	15500	18000	30700	22000	26400	28200	20300	24200	33800	14200	24200
16	18500	16500	17400	31600	23200	27500	28300	18900	22800	32600	18200	25900
17	19300	15600	17700	30900	26100	28400	20700	12100	15100	34300	25200	29500
18	21900	16700	18200	33100	28200	31100	17900	9720	12600	33000	21600	27700
19	23400	17500	19800	28800	16300	20300	16600	10200	13200	30200	15000	20400
20	24400	17300	20100	21400	16500	18300	23100	11200	15700	23200	15300	18500
21	20700	14000	18000	25800	17400	20800	28500	16900	22300	23000	14200	18300
22	15700	10400	13000	28900	19500	23700	30700	19900	26200	22800	14200	18100
23	21800	11700	16400	30800	21900	27000	30900	24300	28300	23300	15100	18200
24	22300	16200	19000	31100	20400	26500	29200	19000	24100	22900	14900	19000
25	24000	18600	21300	31100	23000	27100	31600	23300	28000	27300	20900	24100
26	25200	20200	23100	31800	25900	29000	33400	24500	29700	28500	23400	25800
27	26200	20500	23000	33000	27000	30000	32900	27500	30700	26800	14000	19300
28	27500	20000	24000	31700	15900	24300	36600	30400	33100	14900	10800	12700
29	27300	19400	23600	18400	12500	16300	37400	26400	33900	25300	11500	17100
30	28100	19600	24800	16700	12800	15000	32500	23600	27400	29800	16900	23200
31	30500	23900	26400	---	---	---	32500	26700	28800	34200	21200	27700
		FEBRUARY			MARCH			APRIL			MAY	
1	39100	33800	35400	3480	1540	2280	11500	8960	9860	18300	12800	15000
2	39300	32900	36100	2600	1410	1740	10800	7350	9200	14300	6970	10000
3	37100	18500	26000	2150	1510	1850	11700	7900	9330	11200	7360	9120
4	35500	22100	26400	2360	1780	2140	10100	6990	8850	11200	7360	9230
5	36300	20300	29200	5620	1910	3250	17100	8460	14800	9130	6730	8060
6	31400	15800	23700	8020	1820	4100	19000	13600	16500	10200	6420	8260
7	21100	9650	13800	3920	2460	3330	19500	15400	17300	11100	6660	8590
8	15600	9880	11000	4340	3460	3890	18700	14400	16400	14400	7110	9590
9	20000	11700	16000	4690	3310	3990	21300	11600	16800	16800	7590	11700
10	20500	11900	15400	5060	3580	4300	21900	13600	18300	20100	9830	15100
11	---	---	---	6030	3820	4660	26300	16500	20600	20200	11800	17200
12	---	---	---	11300	3860	5650	23600	17800	21500	20500	15400	18100
13	---	---	---	13600	5750	10100	21500	10800	13700	20500	16900	17700
14	---	---	---	18500	10600	14400	12800	9110	10900	18500	17400	18000
15	---	---	---	18600	12000	14800	15500	10000	13000	19000	12400	17400
16	---	---	---	18400	12000	14600	17200	12100	14400	16700	10700	14200
17	---	---	---	17800	10500	13600	18800	14700	17000	15000	9800	12600
18	4570	2460	3270	15300	5550	11300	17900	17000	17500	12800	6390	10800
19	4110	1780	2770	15400	7420	10300	18800	17200	18000	10000	5140	7210
20	3620	1120	3030	11300	6860	8970	19700	18500	18900	6870	2980	5070
21	5280	1160	2880	10500	4280	7680	23300	18600	21400	4680	3120	4180
22	6720	1510	3960	19900	6250	14000	25700	20900	23500	4580	3130	4030
23	14500	1510	5880	24300	8270	18900	25400	23700	24500	4730	3310	3980
24	16300	5650	10300	25300	16200	20800	25800	23600	24900	4260	3280	3840
25	7050	2950	5270	23500	20400	21800	25000	23600	24500	4030	2820	3600
26	4100	1060	2900	22700	17900	20700	23900	20900	23300	3980	3440	3660
27	2530	720	1460	20800	16700	19400	20900	15400	17700	4270	3400	4000
28	2680	1630	2140	19700	16300	18600	20900	14200	17500	5320	3640	4330
29	4280	1790	2630	18500	12800	16100	23900	16700	19700	5250	3440	4520
30	---	---	---	15900	10500	13100	23100	17100	19000	14600	5250	9130
31	---	---	---	13400	8690	9950	---	---	---	9380	5360	7230

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microseimens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18200	8010	12800	---	4940	---	26100	17300	23200	25500	22900	24100
2	17800	8610	13300	11400	4040	7850	23700	17800	20900	24900	22600	23700
3	15000	8150	11800	9350	3290	6480	23200	15800	19200	29000	24100	26500
4	14200	7350	10700	8690	2440	5030	18700	14800	17300	29500	23700	26800
5	15200	7510	11600	6200	1810	3700	17100	14100	15700	29800	18100	25500
6	16400	6560	12000	3310	1540	2180	23100	15400	19000	23500	14000	19100
7	17500	7910	13400	2630	1070	1620	29500	19600	27300	16100	9550	13100
8	15500	6290	12300	2830	1740	2370	32700	28000	29900	18100	8680	12200
9	13700	7220	11800	8920	2000	5600	31900	24700	29100	22700	11100	18200
10	12200	6610	10200	7660	1870	5010	28200	22800	25500	23300	16100	20100
11	10300	3220	6090	10800	1870	6220	30700	22400	26100	26800	18900	22400
12	12600	3700	8200	5790	2560	4000	29600	21200	25800	31500	21100	26400
13	13900	8100	11100	9110	3220	5070	30300	20800	25400	33300	26900	29600
14	16600	11500	15000	12200	3590	6510	26300	21500	23000	34500	29700	32400
15	17800	14000	15800	11300	3440	7050	27800	20300	23200	36100	29800	33600
16	19700	13500	17500	---	---	---	26100	20600	22800	---	---	---
17	19100	12400	16400	---	---	---	25200	19600	22600	---	---	---
18	18400	11900	15600	---	---	---	24600	19500	22000	---	---	---
19	19400	11600	15100	---	---	---	24800	18900	22100	---	---	---
20	18400	10500	14100	---	---	---	25700	22100	24100	---	---	---
21	18300	9910	13700	---	14000	---	26400	16900	21400	---	---	---
22	15500	10300	13000	20400	9820	15700	26900	17300	21100	---	---	---
23	13800	8750	11300	17400	9520	12800	25800	17200	21500	---	---	---
24	14600	6300	11300	23400	11800	16500	26800	18700	23500	---	---	---
25	11000	7910	9470	22400	13500	18200	26100	19000	23500	---	---	---
26	9800	4840	7680	23200	16000	20200	26000	19000	23200	---	---	---
27	10400	5020	7510	25000	15300	19700	26600	20000	24200	---	---	---
28	12200	5180	8840	25400	15100	20400	27800	21800	25000	---	---	---
29	14600	5180	10000	26000	14800	20400	27700	23200	25200	22100	---	---
30	12100	4820	8890	25700	15100	20800	27000	22300	24800	26300	20200	23000
31	---	---	---	25800	16800	22600	26600	22200	24800	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.8	22.1	22.5	23.0	22.3	22.7	14.5	13.2	13.9	13.2	12.1	12.6
2	22.1	21.6	21.8	23.6	22.5	23.0	14.2	13.7	13.9	13.7	12.8	13.1
3	21.9	20.4	21.1	23.9	22.4	23.1	14.6	13.6	14.1	14.8	13.5	13.9
4	22.6	20.9	21.6	23.7	22.6	23.2	15.2	14.4	14.7	15.4	14.1	14.8
5	23.2	21.7	22.4	24.1	23.4	23.7	14.8	13.6	14.2	15.7	14.6	15.1
6	23.5	22.3	22.9	24.3	23.7	23.9	13.6	12.4	12.9	14.6	12.6	13.6
7	23.9	22.7	23.2	24.1	23.5	23.8	12.4	11.6	12.1	12.6	11.3	11.7
8	24.4	23.3	23.7	23.7	22.8	23.4	12.9	11.8	12.4	11.6	10.7	11.0
9	24.3	23.5	23.9	22.8	22.4	22.5	13.1	12.3	12.7	11.1	10.6	10.8
10	24.1	23.8	23.9	22.4	21.8	22.1	13.0	12.0	12.5	10.8	10.3	10.5
11	23.8	23.4	23.5	22.8	21.6	22.1	12.0	11.0	11.7	10.3	9.6	10.0
12	24.0	23.2	23.5	22.9	22.1	22.6	12.0	11.3	11.5	10.7	9.2	10.2
13	24.0	23.5	23.7	23.0	20.5	22.1	11.8	11.5	11.7	11.6	10.4	10.7
14	24.4	23.5	24.0	20.5	19.1	19.7	11.8	11.2	11.5	12.2	10.7	11.2
15	23.7	22.8	23.2	19.6	18.6	19.1	11.7	11.2	11.5	12.1	11.0	11.5
16	23.3	22.5	22.9	20.1	19.1	19.5	12.8	11.6	12.1	11.9	11.4	11.7
17	23.6	22.6	23.0	20.7	19.4	20.0	11.9	10.7	11.1	12.4	11.8	12.1
18	23.0	22.2	22.6	20.7	20.1	20.5	11.2	10.4	10.7	13.2	12.2	12.6
19	22.5	21.6	22.0	20.1	18.4	19.2	11.1	9.8	10.7	12.9	11.8	12.5
20	22.9	21.6	22.2	18.8	18.1	18.3	11.1	9.9	10.6	11.8	11.1	11.5
21	23.3	22.2	22.7	19.0	17.7	18.3	11.4	10.4	10.9	11.5	10.8	11.1
22	23.1	22.4	22.8	19.5	18.2	18.9	12.4	11.0	11.6	11.5	10.5	11.0
23	23.6	22.2	22.9	20.0	19.0	19.5	12.2	11.8	12.0	11.6	10.9	11.2
24	24.3	22.7	23.4	19.8	16.8	18.2	12.1	11.4	11.7	12.2	11.3	11.6
25	24.4	23.5	23.9	16.8	16.0	16.2	11.7	10.9	11.2	13.3	11.8	12.4
26	24.5	23.9	24.1	16.3	15.6	15.9	11.2	10.5	10.9	13.0	12.7	12.8
27	24.1	22.0	23.1	16.4	15.9	16.2	11.9	10.9	11.2	12.8	11.2	12.1
28	22.0	21.3	21.6	16.3	14.8	15.7	12.3	11.2	11.8	11.7	10.7	11.1
29	21.5	20.8	21.2	14.9	13.7	14.2	12.6	11.9	12.2	10.8	10.4	10.6
30	21.9	21.2	21.6	14.2	13.5	13.8	12.5	12.0	12.2	11.1	10.5	10.8
31	22.6	21.8	22.2	---	---	---	12.7	11.8	12.2	10.9	10.4	10.6

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.6	10.2	10.4	14.6	13.4	14.0	20.6	19.7	20.0	23.5	21.9	22.6
2	11.4	10.4	10.7	15.5	14.1	14.7	20.7	19.1	19.7	22.8	22.1	22.5
3	11.4	10.5	10.9	16.3	15.0	15.6	20.2	19.0	19.5	22.4	21.5	22.0
4	10.9	10.4	10.6	17.1	16.0	16.6	21.2	19.0	19.9	22.5	20.6	21.5
5	12.0	10.6	11.3	18.9	17.0	17.7	20.1	18.7	19.1	23.1	21.6	22.2
6	12.6	11.9	12.3	20.2	18.4	19.3	19.8	18.7	19.3	23.1	22.2	22.7
7	12.2	11.3	11.9	19.6	19.1	19.4	21.1	19.3	19.9	24.1	22.9	23.4
8	11.7	10.1	10.7	19.2	18.5	19.0	22.2	20.2	20.9	25.0	23.5	24.2
9	11.8	9.9	10.8	18.5	17.8	18.2	22.3	20.9	21.6	25.8	24.2	25.0
10	11.2	10.7	10.9	17.8	16.2	17.0	23.0	21.7	22.3	25.4	24.7	25.1
11	11.7	10.9	11.2	17.4	16.0	16.7	22.8	22.0	22.3	25.2	24.8	25.0
12	11.7	11.3	11.5	17.8	16.4	17.0	22.6	21.9	22.2	25.6	24.6	25.0
13	11.4	11.2	11.3	17.6	16.7	17.3	22.0	19.0	20.2	26.2	24.7	25.4
14	11.2	11.0	11.1	17.7	17.4	17.5	19.6	18.1	18.9	26.2	25.4	25.8
15	11.1	10.2	10.6	17.9	17.5	17.7	19.6	18.5	19.0	25.8	24.9	25.4
16	11.0	10.1	10.5	19.0	17.8	18.3	21.5	18.8	20.0	26.0	24.7	25.3
17	11.1	10.2	10.7	19.1	17.7	18.5	22.0	19.5	20.8	26.3	25.0	25.8
18	10.9	9.8	10.4	20.9	18.1	19.1	22.2	20.8	21.5	26.1	25.6	25.9
19	11.9	10.1	10.8	20.5	19.0	19.7	22.5	21.5	21.9	27.1	25.3	26.1
20	13.2	11.2	11.9	21.3	19.6	20.3	22.4	21.4	21.9	27.6	24.8	26.4
21	13.7	12.1	12.5	21.0	20.1	20.7	22.9	21.6	22.3	27.9	25.0	26.5
22	13.2	12.5	12.8	20.2	18.0	18.9	23.8	22.1	22.8	27.4	25.8	26.7
23	13.5	12.5	13.0	18.6	17.1	17.7	24.0	22.9	23.5	27.3	26.0	26.7
24	13.5	13.3	13.4	17.9	17.0	17.4	24.8	23.6	24.1	27.6	26.2	26.9
25	13.7	13.1	13.4	18.7	17.5	18.1	24.5	24.1	24.3	28.6	26.4	27.3
26	13.1	12.7	13.0	19.4	18.1	18.8	24.4	23.8	24.0	28.8	27.1	27.6
27	13.0	12.2	12.6	20.3	18.9	19.6	24.5	23.2	23.8	28.5	27.0	27.5
28	13.2	12.5	12.9	21.0	19.6	20.3	23.6	22.6	23.1	28.6	27.0	27.7
29	13.7	12.6	13.2	22.5	20.4	21.2	23.1	22.6	22.8	28.4	27.2	27.8
30	---	---	---	22.2	21.1	21.5	22.8	22.3	22.6	28.4	27.8	28.1
31	---	---	---	21.4	19.9	20.8	---	---	---	29.1	27.7	28.2
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.6	27.8	28.1	29.4	28.3	28.9	31.7	30.3	31.0	30.2	28.6	29.2
2	28.2	27.3	27.8	29.2	28.1	28.6	31.7	30.5	31.0	30.4	29.0	29.5
3	27.9	27.1	27.4	30.3	27.9	28.9	32.0	30.4	31.0	29.7	29.0	29.4
4	28.0	27.1	27.4	31.0	28.3	29.3	32.5	30.5	31.3	29.8	28.7	29.2
5	28.0	27.0	27.6	30.5	28.4	29.4	32.1	30.7	31.4	29.8	28.8	29.2
6	28.2	27.5	27.8	30.4	28.5	29.3	31.2	29.8	30.4	29.6	28.8	29.1
7	28.4	27.2	27.9	30.0	27.8	28.7	30.4	28.8	29.4	29.3	28.4	28.9
8	29.1	27.1	28.3	30.3	27.8	28.7	29.1	28.6	28.9	29.2	27.9	28.6
9	30.2	27.6	28.9	29.7	27.9	28.7	29.0	28.3	28.6	29.0	27.8	28.3
10	30.3	27.8	29.1	29.5	27.1	28.5	29.8	28.4	29.0	29.2	28.1	28.6
11	30.1	27.6	28.8	32.1	27.1	29.3	29.9	28.5	29.2	29.3	28.4	28.8
12	31.2	28.2	29.0	30.4	27.9	28.8	29.6	28.3	28.9	28.8	28.2	28.6
13	30.3	28.5	29.1	30.6	27.5	28.7	28.9	26.8	27.4	28.6	27.7	28.2
14	29.3	28.5	28.9	29.7	28.2	29.0	27.5	25.8	26.4	28.3	27.8	28.1
15	29.4	28.2	28.8	31.2	28.5	29.4	26.3	25.0	25.6	28.0	26.4	27.2
16	29.8	28.5	29.2	---	---	---	26.7	25.0	25.8	---	---	---
17	30.5	28.9	29.5	---	---	---	26.5	25.4	26.0	---	---	---
18	31.2	29.6	30.2	---	---	---	27.9	26.3	26.9	---	---	---
19	31.2	30.0	30.6	---	---	---	29.0	26.7	27.9	---	---	---
20	31.0	30.0	30.4	---	---	---	29.8	28.2	28.7	---	---	---
21	31.2	30.0	30.6	---	---	---	29.3	28.0	28.5	---	---	---
22	31.4	30.1	30.5	31.5	29.0	29.9	29.7	28.2	29.0	---	---	---
23	30.8	29.9	30.3	32.2	29.7	30.6	30.9	28.4	29.5	---	---	---
24	30.2	29.4	29.8	33.2	29.8	31.2	30.9	28.9	29.8	---	---	---
25	29.4	28.3	28.8	32.0	30.2	31.1	31.1	29.5	30.1	---	---	---
26	29.7	27.9	28.4	31.1	29.8	30.4	31.2	29.8	30.4	---	---	---
27	28.8	27.9	28.2	30.8	29.5	30.2	31.0	30.1	30.6	---	---	---
28	28.9	27.5	28.1	30.9	29.0	29.9	30.8	30.0	30.5	---	---	---
29	28.8	27.7	28.3	32.4	29.2	30.6	30.5	29.6	30.1	26.3	---	---
30	29.7	27.8	28.7	31.5	30.2	30.9	29.8	29.1	29.5	26.5	25.5	25.9
31	---	---	---	31.9	30.3	30.9	29.8	28.5	29.1	---	---	---

301429089145600 USCG MERRILL SHELL BANK LIGHT

LOCATION.--Lat 30°14'29", long 89°14'56", St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, on the USCG Merrill Shell Bank Light platform, 5 miles south of Pass Christian in the Mississippi Sound.

DRAINAGE AREA.--Not applicable (open water).

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 1998 to current year.
SPECIFIC CONDUCTANCE: September 1998 to current year.
WATER TEMPERATURE: August 1998 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform since August 1998. Datum of gage is assumed. Water-quality monitor since August 1998.

REMARKS.--Gage height records good. Specific conductance records good. Water temperature records good. Equipment destroyed by Hurricane Georges, September 28, 1998; reinstalled February 18, 1999. Equipment malfunction on September 25, 2002 due to Tropical Storm Isadore. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 7.68 ft, Sept. 27, 1998 (Hurricane Georges), but may have been higher during periods of instrument malfunction; minimum recorded, -2.36 ft, Apr. 8, 2000, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 49,400 microsiemens, July 26, 2000, but may have been higher during periods of instrument malfunction; minimum recorded, 1,740 microsiemens, Mar. 13, 2003, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.8 °C, Aug. 29, 1998, but may have been higher during periods of instrument malfunction; minimum recorded, 4.3 °C, Jan. 4, 2001, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 5.94 ft, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, -2.06 ft, Feb. 15, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 43,500 microsiemens, Sept. 15 (Hurricane Ivan), but may have been higher during periods of instrument malfunction; minimum recorded, 3,100 microsiemens, Mar. 6, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 31.9 °C, Aug. 5, but may have been higher during periods of instrument malfunction; minimum recorded, 9.4 °C, Jan. 11, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.23	0.62	1.30	2.16	0.24	1.12	0.52	-0.26	0.15	1.11	-0.15	0.46
2	1.96	0.16	1.09	1.63	0.41	1.05	0.71	-0.04	0.26	1.23	-0.29	0.46
3	2.35	0.31	1.31	1.40	0.60	1.02	1.47	0.52	0.94	1.42	-0.48	0.45
4	2.14	0.30	1.26	2.40	1.20	1.82	1.50	0.35	0.91	1.66	-0.47	0.61
5	1.90	0.12	1.05	2.20	1.08	1.48	0.92	-0.09	0.31	1.29	-0.53	0.33
6	1.85	0.43	1.17	1.44	0.44	0.94	0.62	-1.08	-0.16	1.02	-1.26	-0.10
7	1.91	0.80	1.36	1.51	0.25	0.95	1.18	-1.07	-0.01	1.26	-1.03	0.11
8	1.59	0.85	1.22	1.59	0.16	0.92	1.72	-0.83	0.35	2.08	-0.71	0.41
9	1.83	1.27	1.52	1.86	0.14	0.87	2.40	-0.18	1.01	2.08	-0.68	0.30
10	2.34	1.27	1.72	1.90	0.28	1.05	2.07	-1.82	-0.26	0.98	-0.94	-0.03
11	2.35	1.48	2.01	2.16	0.05	0.99	1.29	-0.79	0.09	1.04	-0.66	0.05
12	2.35	1.00	1.61	2.14	-0.03	0.93	1.84	-0.43	0.52	0.69	-0.64	0.06
13	2.28	0.72	1.44	2.01	-0.43	0.62	1.89	0.63	1.19	0.66	-0.33	0.18
14	2.10	-0.03	0.81	1.93	0.14	1.05	1.39	-0.47	0.36	0.63	-0.18	0.20
15	1.45	0.23	0.88	2.04	0.02	1.05	1.32	-0.09	0.61	0.76	-0.39	0.09
16	1.50	0.25	0.87	2.17	0.26	1.25	1.38	-0.84	0.38	1.45	-0.53	0.55
17	1.85	0.18	0.88	2.04	0.55	1.33	-0.01	-0.89	-0.40	2.23	0.00	1.03
18	1.63	0.44	1.01	2.47	0.69	1.71	0.07	-0.76	-0.45	1.88	-0.36	0.74
19	2.01	0.34	1.18	1.30	-0.70	-0.11	0.21	-1.47	-0.61	0.98	-1.78	-0.36
20	1.82	0.27	1.08	0.86	0.20	0.47	0.84	-1.41	-0.25	1.17	-1.22	-0.08
21	1.41	0.20	0.87	1.33	-0.17	0.55	1.46	-1.22	0.10	1.32	-1.32	-0.08
22	0.71	0.10	0.43	1.99	-0.49	0.71	1.80	-1.00	0.30	1.25	-1.36	-0.16
23	1.48	0.38	0.92	2.37	-0.14	1.08	1.69	-0.54	0.46	1.09	-1.09	-0.07
24	1.54	0.40	0.99	2.24	-1.38	0.20	1.44	-1.27	-0.14	1.44	-0.92	0.10
25	2.15	-0.02	1.04	2.15	-0.47	0.75	1.44	-0.74	0.26	1.50	0.10	0.72
26	2.14	-0.06	1.05	2.56	-0.43	0.89	1.40	-0.84	0.19	1.15	0.33	0.74
27	2.39	-0.26	0.97	2.63	-0.10	1.13	1.43	-0.53	0.46	0.81	-1.23	-0.43
28	2.49	0.04	1.14	2.55	-1.61	-0.30	1.58	0.01	0.79	0.44	-1.25	-0.40
29	2.49	-0.24	0.99	0.52	-0.88	-0.17	1.70	-0.26	0.85	0.78	-0.74	-0.01
30	2.35	-0.16	1.07	0.66	-0.86	-0.06	1.14	-0.36	0.55	1.02	-0.36	0.32
31	2.27	0.30	1.20	---	---	---	1.07	0.29	0.63	1.88	-0.40	0.78

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.36	0.62	1.48	1.81	-0.01	1.00	0.63	-0.28	0.19	1.17	0.28	0.77
2	1.90	0.45	1.10	1.60	-0.31	0.73	0.43	-1.16	-0.16	1.06	-0.33	0.34
3	1.06	-1.40	-0.02	1.70	-0.32	0.75	0.25	-0.60	-0.09	1.06	-0.80	0.24
4	2.34	---	---	2.00	0.09	1.04	0.31	-0.56	-0.14	1.31	-0.87	0.32
5	2.25	0.17	1.09	1.84	-0.10	0.98	0.99	-0.40	0.27	1.18	-1.17	0.12
6	1.99	-0.47	0.38	1.78	-0.31	0.53	0.95	-0.22	0.32	1.61	-1.08	0.27
7	0.71	-1.16	-0.60	1.01	-0.69	-0.07	1.23	-0.45	0.49	1.63	-1.20	0.26
8	0.66	-0.84	-0.19	0.15	-0.81	-0.30	1.40	-0.84	0.33	1.73	-1.20	0.29
9	0.71	-0.53	0.21	-0.02	-1.93	-0.61	1.76	-0.84	0.53	1.99	-0.95	0.63
10	0.74	-0.25	0.23	0.92	-1.93	-0.16	1.55	-0.81	0.43	2.28	-0.39	0.96
11	1.35	0.18	0.76	---	-1.15	---	2.92	-0.65	0.80	2.04	0.16	1.08
12	0.59	-0.32	0.20	1.15	-1.18	-0.05	1.61	-0.41	0.66	1.95	0.30	1.22
13	1.03	-0.49	0.22	1.81	-1.13	0.43	-0.07	-1.92	-1.01	1.75	0.48	1.20
14	2.04	-0.40	0.75	1.70	-0.80	0.52	-0.12	-1.72	-0.80	1.78	1.23	1.52
15	0.01	-2.06	-0.92	1.71	-0.63	0.61	0.08	-1.27	-0.47	1.80	0.47	1.29
16	0.85	-1.43	-0.24	1.52	-0.59	0.49	0.34	-0.94	-0.26	1.73	0.39	1.13
17	0.81	-1.53	-0.24	1.19	-0.58	0.45	0.31	-0.54	-0.17	1.86	0.37	1.20
18	0.50	-1.77	-0.59	1.27	-0.58	0.32	0.32	-0.34	0.04	2.13	-0.08	1.07
19	1.19	-1.65	-0.31	1.03	-0.50	0.25	0.89	-0.57	0.26	1.89	-0.16	0.98
20	1.35	-0.85	0.33	0.99	-0.17	0.30	0.98	-0.40	0.28	1.84	-0.38	0.81
21	1.26	-0.85	0.22	0.64	-0.42	0.01	1.58	-0.07	0.73	1.72	-0.38	0.70
22	1.16	0.13	0.48	1.11	-0.44	0.26	1.78	-0.07	0.89	2.02	-0.33	0.91
23	2.48	0.24	1.07	1.43	-0.03	0.72	1.63	-0.20	0.73	2.15	-0.06	1.07
24	2.40	0.67	1.23	1.66	0.24	0.85	1.87	-0.24	0.79	1.84	-0.06	0.92
25	1.95	0.66	1.16	1.78	-0.17	0.90	1.89	-0.05	0.83	1.54	-0.29	0.67
26	1.30	-0.25	0.71	1.79	-0.24	0.68	1.13	-0.19	0.54	1.19	-0.45	0.43
27	0.75	-0.56	0.04	1.69	-0.24	0.74	1.25	-0.60	0.34	0.76	-0.42	0.34
28	1.10	-0.66	0.24	1.57	-0.03	0.71	1.51	-0.63	0.62	0.90	-0.51	0.34
29	1.81	-0.37	0.77	1.42	-0.30	0.53	2.12	0.03	0.97	0.77	-0.08	0.42
30	---	---	---	1.37	-0.81	0.33	1.18	0.43	0.93	1.35	0.15	0.74
31	---	---	---	0.25	-0.62	-0.15	---	---	---	1.14	-0.47	0.50

		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.62	-0.33	0.74	---	---	---	2.04	-0.46	0.83	0.87	0.30	0.65
2	1.38	-0.91	0.45	2.15	---	---	1.58	-0.46	0.52	1.23	0.26	0.75
3	1.70	-1.34	0.39	2.12	---	---	1.41	-0.36	0.49	1.54	0.47	1.04
4	1.70	-1.25	0.25	2.00	---	---	0.93	-0.16	0.47	1.64	0.32	0.93
5	2.01	-1.24	0.46	1.73	---	---	0.43	-0.14	0.10	1.59	-0.14	0.62
6	1.79	-1.04	0.43	1.23	---	---	0.43	-0.09	0.24	1.01	-0.68	0.10
7	1.69	-0.90	0.74	1.18	---	---	1.40	0.31	0.95	0.52	-1.00	-0.20
8	1.60	-0.19	0.69	0.92	0.07	0.55	2.15	0.84	1.51	1.04	-0.72	0.18
9	1.19	-0.13	0.67	1.31	0.11	0.65	1.98	0.35	1.16	1.36	-0.13	0.58
10	0.96	0.33	0.74	1.16	---	---	1.72	-0.28	0.81	1.25	-0.20	0.59
11	0.82	0.31	0.61	1.39	---	---	1.60	-0.23	0.77	1.63	0.28	0.94
12	0.89	0.02	0.54	0.96	---	---	1.61	-0.50	0.64	1.91	0.77	1.27
13	1.23	-0.14	0.65	1.19	---	---	1.63	-0.53	0.62	1.99	0.89	1.37
14	1.96	0.32	1.17	1.61	---	---	1.62	-0.43	0.53	2.25	1.36	1.83
15	1.94	-0.05	1.15	1.31	---	---	1.63	-0.31	0.58	5.94	1.94	3.39
16	2.07	-0.27	0.98	1.47	---	---	1.44	-0.26	0.52	5.03	---	---
17	1.76	-0.37	0.81	1.17	---	---	1.30	-0.22	0.51	---	---	---
18	1.78	-0.56	0.68	1.14	---	---	1.02	-0.04	0.50	---	---	---
19	1.72	-0.73	0.54	1.61	---	---	0.94	0.25	0.64	---	---	---
20	1.73	-0.73	0.50	1.45	---	---	0.97	0.21	0.64	---	---	---
21	1.67	-0.64	0.59	---	---	---	1.22	-0.12	0.44	---	---	---
22	1.42	-0.69	0.54	0.97	-0.23	0.37	1.29	-0.32	0.47	---	---	---
23	1.19	-0.69	0.48	0.46	-0.15	0.28	1.59	-0.54	0.50	---	---	---
24	1.37	-0.32	0.53	0.89	0.03	0.41	1.59	-0.66	0.48	---	---	---
25	---	-0.32	---	0.88	-0.35	0.30	1.54	-0.80	0.42	---	---	---
26	0.72	-0.32	0.29	1.21	-0.52	0.45	1.61	-0.64	0.55	---	---	---
27	1.16	-0.53	0.40	1.51	-0.75	0.36	1.79	-0.50	0.70	---	---	---
28	1.59	-0.51	0.59	1.60	-0.95	0.38	1.74	-0.46	0.76	---	---	---
29	1.79	-0.42	0.77	1.74	-0.97	0.46	1.79	-0.29	0.75	1.01	---	---
30	1.83	-0.56	0.69	2.09	-0.37	0.80	1.60	-0.11	0.68	1.65	0.02	0.75
31	---	---	---	2.16	-0.37	0.96	1.29	0.12	0.70	---	---	---

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microseimens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30000	26600	27700	34500	31100	33100	31800	27700	29900	40800	35700	38300
2	29600	26400	27700	34200	31400	33200	32700	29000	31000	40400	36700	38500
3	29600	26400	27800	33700	31700	32900	40100	31500	36100	39600	30600	36500
4	29800	26000	28100	35600	32000	33700	39600	35700	38100	38800	26300	34400
5	30400	25800	28400	35400	31500	33900	39100	32000	34100	37800	31500	34400
6	31500	27300	29200	34900	31400	33300	32000	28600	30400	39000	32500	34900
7	29700	27000	28700	35300	31300	33200	35900	25800	30200	39300	34100	36900
8	29900	26800	28700	35400	32600	33400	39400	27200	32700	39600	33700	36900
9	30600	28400	29500	36100	31200	33000	40500	31300	37000	39000	34100	36000
10	31700	29900	30400	36600	31800	33500	40500	29500	33900	36900	31400	34400
11	31900	29900	31300	35500	31800	33400	34900	28700	32100	38300	32700	34700
12	32200	28200	30700	36600	33000	34100	40600	31300	34500	34800	31500	33300
13	31500	28500	30000	36700	31800	33900	41900	40600	41400	34900	31000	33900
14	31100	27500	28700	37700	33900	35800	41900	35400	38500	36500	30100	33600
15	29000	26600	27700	37300	33000	35400	40900	37600	39300	35700	28100	32000
16	28900	26300	27400	37400	34700	36100	41300	32100	37700	37500	32400	35400
17	28900	25700	27000	37300	33800	35700	35900	33000	33700	39400	34800	37000
18	28500	25800	27300	39700	34400	37200	34100	24900	30100	38100	34300	36400
19	30600	26000	28400	35400	33300	34300	32200	25700	28900	36500	31200	33300
20	32200	26500	29300	34600	33300	33900	36700	27000	31600	35000	27400	32700
21	33500	24400	29600	37100	32900	35000	41000	30900	36000	34800	28200	32000
22	26400	21600	24000	39100	33000	35500	41300	35000	37900	35100	27000	31400
23	31600	22400	26500	38800	33800	36600	41600	36100	38200	35100	28000	31500
24	33800	26600	30200	38800	32900	35200	38100	34100	36000	34700	26500	31800
25	34000	27400	30500	39400	33000	36000	40600	35500	37000	36500	31300	33800
26	34300	28300	30900	40800	34500	37200	42900	35700	38200	36800	34200	35500
27	33700	27800	30200	41200	36100	38200	41600	35300	38200	34300	28600	30500
28	34800	28700	31500	39900	30500	34400	43400	35100	40700	30500	28700	29600
29	35200	29700	31900	34000	27700	30900	43200	35900	40200	36400	27700	32000
30	35300	30300	32800	32600	23900	30100	39400	37100	37900	37500	30200	35100
31	35300	30200	32700	---	---	---	39200	37500	38400	41500	32600	37500
		FEBRUARY			MARCH			APRIL			MAY	
1	42000	39600	40700	21300	9770	16600	25100	20000	21600	26500	23900	25200
2	41900	39200	40100	16100	6180	12100	24500	18500	22000	24800	20100	22700
3	39700	34400	37100	15700	8410	11800	24200	17600	20600	22500	19000	20700
4	40800	35000	38000	15800	8850	12200	23400	14600	18500	22900	18900	20900
5	40600	37900	39300	14200	6190	9110	28000	14900	24500	24000	16700	20600
6	40000	35100	36700	7080	3100	3980	29200	24800	27400	23300	15800	19000
7	35500	22900	28500	8560	3590	5610	31000	25000	28300	23600	16000	20100
8	35600	24800	32300	7630	4900	6170	29700	24200	27200	24100	17500	21400
9	37200	32500	35300	8770	5170	6510	28700	24400	26700	25300	17400	23100
10	37700	32600	35100	14500	5240	10500	29500	25600	27400	29800	22800	26500
11	37600	32800	35000	20800	9540	15400	31900	25400	28700	31300	26700	28800
12	34500	30200	32400	24800	12500	17900	32600	27300	29900	31800	27000	29300
13	34700	27400	31400	24000	13500	20100	28500	23600	25300	30900	26000	27800
14	37900	26600	31900	26600	18400	23100	25700	19500	22800	29200	26800	27500
15	31800	6440	15400	27000	20600	23500	29800	22600	26100	27800	17400	24400
16	21400	4810	13200	26800	20600	24000	31900	23200	27600	22800	19300	21400
17	19100	6210	12700	26400	20600	23400	30800	25600	27500	23200	22000	22700
18	17500	5680	10700	25800	20500	23000	31400	25200	27500	22600	17900	21200
19	22700	4990	12200	25500	19700	21600	32000	25700	29900	19500	15000	18100
20	26300	4900	18200	25600	17300	20500	30800	24100	27700	17700	12600	15800
21	26600	15500	21800	21100	15200	18500	32200	24200	29000	16200	9740	13400
22	26700	21200	24200	26400	20900	23400	32600	27900	30600	15800	8330	12200
23	28900	21600	25500	29800	22700	27900	32500	26000	29200	18100	8530	12800
24	29000	25100	27400	30700	26400	28900	32600	26500	29000	18000	7260	11800
25	28300	19900	24800	31200	29000	30000	31100	26900	28700	17000	8060	12700
26	22800	15100	18900	30600	25700	28200	27800	24000	25600	17200	6840	12300
27	17300	8710	13300	29300	26000	27500	25600	23200	24500	14800	6770	10800
28	16500	5020	10800	28200	26000	27100	26100	22900	24400	18400	6020	13000
29	21500	7300	14600	26500	23100	24900	28200	24100	26000	17300	8180	13700
30	---	---	---	24200	21300	22800	27500	24000	26100	24500	15600	20600
31	---	---	---	23000	19800	20800	---	---	---	25800	12500	21000

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microseimens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26400	12500	20000	---	18800	---	36400	32500	34300	33700	31900	32800
2	25100	16100	21000	24200	18200	21300	34000	32300	33400	34400	31000	32400
3	24800	17300	20700	23800	15800	20400	34100	30400	32600	36300	33800	35100
4	22300	16600	19700	20500	15000	17500	33500	30400	32500	36500	32200	34400
5	23100	16700	19200	20700	14000	17300	32200	29500	30800	35700	31500	33600
6	23800	17700	21000	20200	11300	15800	33000	29900	31700	34100	32600	33100
7	25500	18900	23300	19200	8820	12700	38200	32600	36400	32800	26800	30900
8	27800	22300	24700	15900	6260	10600	40000	37100	38800	32800	24800	30600
9	24500	20500	22700	17000	11500	14600	40400	37300	38700	34700	29600	33300
10	21200	18700	19600	22100	12200	16700	38900	33500	36900	36500	33000	35100
11	18700	13600	16700	20900	9030	17400	37500	34200	35800	36800	34500	36000
12	20800	13100	15300	17900	9030	14100	36100	33000	34800	37700	34600	36400
13	28500	13700	20500	18600	10200	14900	37600	33000	35200	38400	35000	37000
14	26200	19500	22900	21700	9490	15800	37900	33000	35200	40100	37000	38700
15	25400	20900	23300	22900	14000	18500	38800	32200	35300	43500	37900	39800
16	28000	22400	24400	23400	15400	18700	37500	33200	34900	---	---	---
17	27800	22800	24900	26300	15600	21000	36200	33300	34800	---	---	---
18	28500	22400	24800	26900	16900	20300	36700	34200	35400	---	---	---
19	25200	21700	23800	35200	19200	27500	36500	33900	35500	---	---	---
20	27200	22300	24400	30900	23000	28000	37300	32500	35000	---	---	---
21	26700	22300	24600	---	26600	---	36500	30400	33000	---	---	---
22	27700	23100	25500	31700	23000	28500	35100	30300	33000	---	---	---
23	25800	21900	24800	29100	24300	26100	34000	27000	31900	---	---	---
24	27100	20500	23700	29500	25200	27400	33900	28600	31400	---	---	---
25	22300	20900	21400	31300	25200	27600	33400	28900	30900	---	---	---
26	23800	18400	21300	32700	26800	30600	33700	28900	31300	---	---	---
27	23700	16200	20900	33800	29100	31500	34800	29500	32300	---	---	---
28	23300	15500	20100	33000	30000	31600	34900	30200	32900	---	---	---
29	24500	16900	21600	34000	31100	32800	35500	31100	33500	37800	---	---
30	25200	19000	22000	34600	30800	33500	35200	31100	33400	39000	36300	37700
31	---	---	---	36300	32500	34600	35200	31300	33000	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	22.2	22.6	23.0	22.1	22.6	14.5	13.4	14.2	12.7	11.8	12.2
2	22.4	21.4	21.8	23.4	22.4	22.9	14.5	13.7	14.0	12.9	12.4	12.6
3	21.7	20.8	21.2	23.3	22.4	22.9	14.9	13.7	14.3	13.8	12.8	13.3
4	22.3	21.2	21.7	23.6	22.8	23.2	15.1	14.6	14.9	15.0	13.5	14.1
5	23.0	22.0	22.4	24.1	23.3	23.7	14.9	13.6	14.4	15.2	14.0	14.6
6	23.3	22.6	22.9	24.4	23.6	23.9	13.6	12.3	12.8	14.0	12.3	13.3
7	23.9	22.9	23.3	24.3	23.7	23.9	12.3	11.4	12.0	12.5	11.1	11.5
8	23.8	23.3	23.6	23.7	23.0	23.3	12.7	11.6	12.2	11.3	10.5	10.7
9	24.0	23.7	23.9	23.0	22.1	22.4	13.2	12.5	12.8	11.0	10.6	10.8
10	24.0	23.6	23.8	22.2	21.7	22.0	13.1	12.3	12.6	10.6	9.9	10.2
11	23.7	23.3	23.5	22.7	21.7	22.1	12.3	11.5	11.8	10.2	9.4	9.8
12	24.1	23.0	23.5	22.9	22.0	22.5	12.0	11.4	11.8	10.6	9.5	10
13	24.0	23.3	23.7	22.8	20.6	22.2	12.1	11.9	12.0	11.1	10.3	10.6
14	24.3	23.6	24.1	20.6	19.3	19.7	12.0	11.3	11.6	11.8	10.7	11.0
15	23.6	22.8	23.2	19.7	18.8	19.2	12.0	11.0	11.5	12.2	11.4	11.6
16	23.3	22.4	22.8	20.1	19.3	19.7	12.7	11.7	12.1	12.0	11.2	11.6
17	23.4	22.5	22.9	20.5	19.8	20.1	11.8	10.4	11.0	12.2	11.8	12.0
18	22.7	21.9	22.4	20.6	20.1	20.4	11.0	10.2	10.7	13.0	12.0	12.4
19	22.4	21.5	22.0	20.1	18.6	19.3	11.0	10.2	10.6	12.7	11.7	12.4
20	22.6	22.0	22.3	18.6	17.9	18.2	11.1	10.1	10.6	11.7	11.0	11.2
21	23.0	22.3	22.6	18.8	17.8	18.4	11.5	10.1	10.9	11.6	10.6	10.9
22	23.0	22.1	22.6	19.3	18.3	18.8	12.0	10.8	11.3	11.6	10.7	11.0
23	23.3	22.2	22.7	19.6	18.8	19.2	12.3	11.5	11.9	11.6	11.0	11.2
24	23.7	22.8	23.1	19.5	17.0	18.1	11.9	11.3	11.6	12.2	11.3	11.7
25	24.0	23.0	23.5	17.0	15.3	16.1	11.3	10.6	10.9	12.6	11.8	12.2
26	24.3	23.6	23.9	16.4	15.5	15.9	11.1	10.2	10.7	12.8	12.4	12.7
27	23.7	22.1	22.9	16.7	16.2	16.4	11.4	10.5	11.0	12.4	10.9	12.1
28	22.2	21.1	21.6	16.7	14.6	15.6	12.0	11.2	11.5	11.4	10.0	10.7
29	21.9	20.8	21.5	14.6	13.6	14.1	12.2	11.9	12.0	10.8	9.9	10.4
30	22.4	21.2	21.7	14.3	13.0	14.0	12.0	11.4	11.7	10.8	10.6	10.7
31	22.7	21.9	22.2	---	---	---	12.3	11.3	11.8	10.8	10.3	10.6

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.7	10.3	10.5	14.8	13.8	14.1	20.3	19.1	19.5	23.4	22.1	22.7
2	11.3	10.6	10.8	15.6	14.6	15.0	19.5	18.5	19.1	23.0	22.3	22.8
3	11.1	10.3	10.8	16.6	15.3	16.1	20.0	18.4	19.1	22.4	21.6	22.2
4	10.8	10.4	10.5	17.4	16.4	16.9	20.6	19.0	19.8	22.3	21.0	21.6
5	11.8	10.6	11.2	18.1	17.2	17.7	20.0	18.6	19.2	23.2	21.4	22.0
6	12.6	11.7	12.1	19.4	17.9	18.5	19.9	18.9	19.4	23.4	22.2	22.7
7	12.0	11.0	11.5	19.8	18.6	19.2	20.5	19.5	19.8	24.4	22.8	23.4
8	11.1	10.0	10.5	19.5	18.4	18.9	22.0	20.0	20.6	24.7	23.6	24.1
9	10.9	10.0	10.5	18.9	17.9	18.3	22.1	20.9	21.4	25.4	24.5	24.9
10	11.2	10.6	10.8	17.9	16.4	17.0	22.8	21.5	22.1	25.4	24.8	25.1
11	11.3	10.8	11.1	17.0	16.2	16.5	22.5	21.9	22.1	25.2	24.7	24.9
12	11.5	11.2	11.4	17.1	16.2	16.6	22.1	21.5	21.9	25.2	24.5	24.8
13	11.2	10.9	11.1	17.2	16.6	16.9	21.5	18.3	19.9	25.7	24.3	25.0
14	11.1	10.8	11.0	17.4	17.1	17.3	18.8	18.0	18.4	25.8	24.8	25.4
15	10.9	10.1	10.5	17.6	17.3	17.5	19.3	18.0	18.6	25.4	24.8	25.1
16	10.4	9.9	10.2	18.7	17.6	18.1	20.4	18.3	19.2	25.8	24.6	25.2
17	10.6	10.0	10.3	18.6	17.5	18.0	22.3	19.7	20.7	26.2	25.4	25.8
18	11.0	10.0	10.4	19.9	18.0	18.7	22.0	20.6	21.3	26.2	25.7	25.9
19	11.7	10.6	11.0	21.1	18.8	19.7	22.5	21.3	21.8	26.9	25.7	26.2
20	12.2	10.8	11.5	23.0	19.4	20.9	22.8	21.8	22.2	27.3	26.0	26.5
21	13.3	11.5	12.2	21.9	20.4	21.3	23.3	---	---	28.1	26.6	27.2
22	13.8	12.4	12.9	20.4	18.2	19.2	23.7	22.4	23.1	28.4	27.0	27.5
23	13.6	12.8	13.3	18.2	17.5	17.8	24.3	23.4	23.8	28.3	27.1	27.6
24	13.8	13.3	13.6	17.9	17.0	17.5	24.8	23.8	24.3	28.5	27.1	27.6
25	14.0	13.4	13.6	18.6	17.4	18.0	24.6	24.2	24.4	28.6	27.4	27.9
26	13.6	13.0	13.4	19.2	18.2	18.7	24.5	23.9	24.2	28.1	27.4	27.7
27	13.4	12.3	12.9	20.0	18.8	19.4	24.4	23.0	23.6	27.9	26.7	27.2
28	13.6	12.3	13.0	20.7	19.6	20.1	23.8	22.7	23.2	28.0	26.8	27.2
29	13.8	12.8	13.4	21.7	20.4	21.0	23.3	22.5	22.8	28.6	27.1	27.8
30	---	---	---	21.5	21.0	21.2	22.7	22.3	22.5	28.5	27.8	28.1
31	---	---	---	21.2	20.3	20.8	---	---	---	28.8	27.4	28.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.3	27.7	28.0	29.3	28.4	28.8	31.4	30.6	31.1	30.4	28.6	29.0
2	28.1	27.5	27.8	29.1	28.3	28.8	31.5	30.5	31.0	30.0	28.8	29.4
3	27.5	27.0	27.2	29.8	28.5	29.0	31.4	30.3	30.8	30.0	28.9	29.5
4	27.8	26.6	27.1	30.4	29.0	29.5	31.6	31.1	31.3	30.1	28.6	29.1
5	28.0	26.9	27.4	30.3	29.3	29.7	31.9	30.7	31.3	30.0	28.6	29.2
6	28.2	27.0	27.4	30.9	29.8	30.2	31.3	30.2	30.6	29.4	28.4	28.9
7	28.2	27.1	27.6	30.8	29.6	30.1	30.2	29.1	29.5	29.4	27.9	28.7
8	29.2	27.7	28.3	31.3	29.7	30.2	29.3	28.7	28.9	29.5	28.1	28.7
9	29.7	28.6	28.9	30.1	29.3	29.7	29.2	28.6	28.8	29.2	28.2	28.7
10	31.3	29.2	29.9	30.3	29.4	29.9	30.3	28.6	29.3	29.5	28.5	28.9
11	30.4	29.4	29.8	31.2	29.8	30.4	30.0	29.0	29.5	29.3	28.6	29.0
12	30.8	29.0	29.5	30.9	29.8	30.3	29.6	28.7	29.2	28.9	28.3	28.7
13	30.3	29.0	29.6	30.8	29.2	29.8	28.7	26.8	27.8	28.9	27.9	28.4
14	29.4	28.7	28.9	30.2	29.3	29.6	27.0	25.9	26.3	28.4	27.9	28.2
15	29.5	28.5	28.9	30.4	29.4	29.7	26.6	25.1	25.7	27.9	26.5	27.3
16	29.7	28.6	29.2	29.9	29.1	29.4	26.6	25.0	25.5	---	---	---
17	30.7	29.2	29.6	29.7	28.6	29.0	26.7	25.2	25.8	---	---	---
18	31.1	29.6	30.1	29.1	28.2	28.7	27.8	25.9	26.4	---	---	---
19	30.7	30.0	30.3	29.1	27.4	28.1	27.8	26.6	27.1	---	---	---
20	30.5	29.6	30.1	29.4	28.0	28.7	29.5	27.4	28.2	---	---	---
21	30.8	30.0	30.4	29.9	28.5	29.0	29.2	28.1	28.6	---	---	---
22	30.6	29.9	30.2	30.7	29.0	29.5	29.9	28.5	29.1	---	---	---
23	29.9	29.4	29.7	31.4	29.6	30.3	30.7	29.3	29.8	---	---	---
24	29.8	29.0	29.4	31.7	29.8	30.7	30.6	29.7	30.1	---	---	---
25	29.0	28.2	28.6	31.5	30.3	30.9	30.9	30.1	30.4	---	---	---
26	28.6	27.9	28.2	30.8	30.1	30.4	31.0	30.2	30.6	---	---	---
27	28.4	27.9	28.2	30.4	29.6	29.9	31.2	30.4	30.8	---	---	---
28	28.6	27.6	28.0	30.7	29.4	29.9	31.0	30.3	30.7	---	---	---
29	28.4	27.8	28.1	31.6	29.8	30.4	30.7	29.9	30.3	26.4	---	---
30	29.1	27.8	28.4	31.4	30.4	30.9	30.3	29.3	29.8	26.4	25.5	25.9
31	---	---	---	31.4	30.4	31.0	30.6	28.7	29.2	---	---	---

TENNESSEE RIVER BASIN

03592718 LITTLE YELLOW CREEK EAST NEAR BURNSVILLE, MS

LOCATION.--Lat 34°50'08", long 88°17'17", in SE1/4 NW1/4 sec.7, T.3 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on right bank about 70 ft downstream of bridge on county road 0.2 mi northeast of Walker Siding, 2.0 mi east of Burnsville, 0.1 mi north of railroad and 0.25 mi upstream of confluence of Tenn-Tom Waterway.

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 above NGVD of 1929 (Mississippi Department of Transportation bench mark.)

REMARKS.--Estimated daily discharges: Jun. 28-30, Jul. 23-28 and Aug. 05-15. Records fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Feb. 5	2030	2,030	17.28	Jul. 31	1030	976	14.71
Mar. 6	0030	1,200	15.37	Aug. 25	1815	*2,490	*18.09
Jun. 25	1215	912	14.50				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	11	24	27	25	84	23	16	53	116	75	41
2	9.9	11	22	28	28	151	21	22	32	83	37	35
3	9.2	11	24	26	32	68	20	20	22	50	27	32
4	9.6	11	56	25	26	39	19	17	21	47	20	31
5	9.2	12	31	52	1140	180	18	16	18	37	18	30
6	9.6	13	26	32	600	457	18	14	17	76	20	27
7	9.9	12	24	27	148	111	18	13	22	96	16	25
8	8.7	11	23	27	88	58	19	13	19	49	13	24
9	8.9	11	23	38	56	44	17	12	15	33	12	23
10	9.4	11	63	29	59	35	18	11	14	26	12	22
11	9.5	11	32	25	41	31	37	11	12	24	e40	21
12	9.5	12	26	25	140	28	93	12	11	25	e28	22
13	9.4	13	26	24	77	26	101	14	15	25	e15	38
14	12	12	34	24	54	26	57	15	26	23	e13	41
15	13	12	26	24	249	34	31	172	30	70	e12	26
16	10	27	26	22	160	78	25	120	33	30	11	83
17	14	17	26	24	110	40	22	123	28	37	13	87
18	14	83	23	52	66	37	20	40	28	40	11	28
19	12	65	22	31	61	29	19	29	26	25	10	20
20	11	32	21	26	60	24	20	25	21	22	11	17
21	11	23	21	25	45	25	21	23	21	21	29	14
22	11	21	21	24	37	21	32	21	61	21	23	13
23	10	21	54	23	27	21	33	20	127	e20	18	12
24	9.9	90	36	24	23	20	29	19	98	e17	20	12
25	11	34	26	243	29	20	21	17	481	e16	1210	12
26	37	27	24	101	120	20	21	17	149	e85	306	12
27	14	72	23	49	37	19	18	14	73	e28	120	11
28	11	46	22	34	26	19	16	16	e80	e22	115	11
29	11	29	48	31	23	67	16	21	e280	19	149	11
30	11	26	59	29	---	50	16	27	e100	17	75	11
31	11	---	30	26	---	28	---	134	---	462	51	---
TOTAL	356.7	787	942	1197	3587	1890	839	1044	1933	1662	2530	792
MEAN	11.5	26.2	30.4	38.6	124	61.0	28.0	33.7	64.4	53.6	81.6	26.4
MAX	37	90	63	243	1140	457	101	172	481	462	1210	87
MIN	8.7	11	21	22	23	19	16	11	11	16	10	11
MED	10	15	26	27	56	34	20	17	27	28	20	22
CFSM	0.47	1.06	1.23	1.56	5.01	2.47	1.13	1.36	2.61	2.17	3.30	1.07
IN.	0.54	1.19	1.42	1.80	5.40	2.85	1.26	1.57	2.91	2.50	3.81	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2004, BY WATER YEAR (WY)

MEAN	17.0	43.4	63.7	71.4	72.5	75.1	58.9	53.0	25.2	14.5	13.0	14.3
MAX	59.2	146	301	246	185	246	164	281	103	55.7	81.6	67.7
(WY)	2002	1978	1983	1974	1990	1980	1991	1991	1989	1994	2004	1979
MIN	3.13	10.9	14.8	13.3	24.6	28.8	11.3	6.90	3.88	4.14	2.76	3.03
(WY)	2001	1999	1981	1986	2000	1988	1986	1988	1988	2000	2000	1999

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1973 - 2004	
ANNUAL TOTAL	16978.7		17559.7			
ANNUAL MEAN	46.5		48.0		43.4	
HIGHEST ANNUAL MEAN					79.2	1991
LOWEST ANNUAL MEAN					18.7	1988
HIGHEST DAILY MEAN	1090	May 6	1210	Aug 25	4910	Dec 26 1982
LOWEST DAILY MEAN	2.4	Sep 19	8.7	Oct 8	1.5	Sep 9 1984
ANNUAL SEVEN-DAY MINIMUM	3.6	Sep 14	9.3	Oct 3	2.1	Aug 30 2000
MAXIMUM PEAK FLOW			2490	Aug 25	1000000	Dec 26 1982
MAXIMUM PEAK STAGE			18.09	Aug 25	21.74	Dec 26 1982
INSTANTANEOUS LOW FLOW			8.6	Aug 19	1.5	Sep 9 1984
ANNUAL RUNOFF (CFSM)	1.88		1.94		1.76	
ANNUAL RUNOFF (INCHES)	25.57		26.45		23.87	
10 PERCENT EXCEEDS	88		87		77	
50 PERCENT EXCEEDS	23		24		19	
90 PERCENT EXCEEDS	8.2		11		5.2	

e Estimated

YAZOO RIVER BASIN

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS

LOCATION.--Lat 34°28'58", long 89°13'18", in SW1/4 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.

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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Nov. 23, 1936 to May 31, 1937, nonrecording gage at same site at datum 5.33 ft higher. Sept. 24, 1938 to Mar. 16, 1939, nonrecording gage, Mar. 17, 1939 to Aug. 25, 1952, water-stage recorder, and Aug. 26, 1952 to June 22, 1953, nonrecording gage, all at same site. Sept. 24, 1938 to Sept. 30, 1952, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: June 10-14. 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)
Feb. 6	0900	*37,300	*28.06	Jun. 26	0800	32,900	27.59

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	128	142	351	480	520	3160	327	418	1190	3050	214	100
2	126	139	291	433	511	6620	310	796	485	1800	156	88
3	123	139	298	402	699	2390	298	522	2200	1080	139	84
4	120	144	1250	360	561	1140	277	375	2750	818	129	91
5	114	185	676	450	12700	1540	256	310	765	770	123	87
6	115	185	453	430	31700	9740	252	266	468	1180	123	80
7	114	151	359	315	9650	4180	253	228	596	3600	112	78
8	118	142	319	301	2570	1390	315	205	514	1830	104	74
9	112	136	292	783	1260	915	300	190	354	923	97	70
10	226	131	1600	547	1520	759	291	177	e290	634	96	68
11	319	131	832	400	1280	683	659	175	e230	509	98	67
12	165	133	495	342	3090	619	5050	163	e200	449	106	67
13	137	146	418	309	1710	566	5610	497	e263	587	96	140
14	136	137	643	305	1030	542	2350	692	e1900	367	88	84
15	138	133	486	285	5360	603	956	7830	1150	2150	82	71
16	121	662	407	256	5290	2420	703	4980	760	702	79	68
17	252	596	389	261	1840	962	574	2050	2030	1390	78	89
18	306	1160	327	1600	1040	703	489	1040	1550	2020	76	76
19	165	2170	287	873	870	611	426	681	592	618	74	66
20	137	911	253	484	780	536	394	493	397	410	87	63
21	127	519	232	396	689	517	372	386	317	324	145	63
22	118	390	225	349	603	454	598	319	332	284	97	64
23	112	325	1060	318	559	418	985	271	551	253	85	65
24	108	1530	1210	322	620	398	510	233	918	225	85	62
25	105	762	537	9190	866	378	400	205	12900	257	269	61
26	899	475	400	6160	3430	362	669	186	26700	645	114	59
27	477	1580	340	1900	1250	349	424	169	6840	300	89	56
28	265	1130	316	843	786	337	320	180	4600	229	432	52
29	200	556	681	694	649	343	283	311	5140	190	308	51
30	166	423	1620	628	---	429	535	575	7940	169	178	50
31	149	---	641	558	---	356	---	3570	---	171	120	---
TOTAL	5898	15363	17688	30974	93433	44420	25186	28493	84922	27934	4079	2194
MEAN	190	512	571	999	3222	1433	840	919	2831	901	132	73.1
MAX	899	2170	1620	9190	31700	9740	5610	7830	26700	3600	432	140
MIN	105	131	225	256	511	337	252	163	200	169	74	50
MED	136	255	407	430	1040	611	412	319	762	618	104	68
CFSM	0.36	0.97	1.08	1.90	6.13	2.72	1.60	1.75	5.38	1.71	0.25	0.14
IN.	0.42	1.09	1.25	2.19	6.61	3.14	1.78	2.02	6.01	1.98	0.29	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

MEAN	158	699	1224	1503	1748	1791	1401	960	597	307	174	197
MAX	1400	3877	6915	5745	5856	6449	4492	4399	3673	1974	1446	1930
(WY)	2003	1958	1983	1974	1948	1973	1991	1983	1997	1989	1967	1958
MIN	9.37	18.4	56.9	65.5	151	230	120	107	31.4	30.4	13.2	13.2
(WY)	1944	1957	1939	1963	2000	1954	1986	1943	1988	2000	1954	1954

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	381817		380584			
ANNUAL MEAN	1046		1040		892	
HIGHEST ANNUAL MEAN					1945	1983
LOWEST ANNUAL MEAN					214	2000
HIGHEST DAILY MEAN	21700	May 18	31700	Feb 6	53800	Mar 22 1955
LOWEST DAILY MEAN	79	Jul 28	50	Sep 30	4.1	Oct 3 1938
ANNUAL SEVEN-DAY MINIMUM	91	Sep 15	56	Sep 24	4.3	Oct 3 1938
MAXIMUM PEAK FLOW			37300	Feb 6	85200	May 19 1983
MAXIMUM PEAK STAGE			28.06	Feb 6	29.37a	Nov 30 2001
INSTANTANEOUS LOW FLOW			49	Sep 30	4.1	Oct 3 1938
ANNUAL RUNOFF (CFSM)	1.99		1.98		1.70	
ANNUAL RUNOFF (INCHES)	27.00		26.92		23.04	
10 PERCENT EXCEEDS	2080		2020		1870	
50 PERCENT EXCEEDS	394		376		200	
90 PERCENT EXCEEDS	120		89		27	

e Estimated
a To present datum.

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'24", long 89°31'07", 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 NGVD of 1929. Prior to Jan. 1, 1972, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 16-20. Mar. 21-31, May 28 - Jun. 3, Jul. 20-22, Aug. 9-11, and Sept. 4-8. Records good except for estimated daily discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 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)
Feb. 5	2000	*6,760	*20.87				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	61	149	230	208	1160	164	180	e870	1320	226	78
2	54	59	125	197	204	1370	144	229	e340	877	128	62
3	51	56	126	178	215	955	128	169	e480	582	98	52
4	49	57	221	161	191	729	120	134	604	436	85	e49
5	47	65	208	166	4490	900	112	116	281	361	77	e45
6	47	73	165	146	4610	2060	110	104	186	327	70	e43
7	46	59	133	125	2680	1880	102	92	168	521	63	e39
8	47	57	117	121	1530	1300	122	83	154	468	56	e36
9	46	54	112	183	1080	820	111	76	134	320	e53	35
10	154	52	314	181	1070	555	161	73	117	258	e50	32
11	126	53	332	153	905	413	314	67	105	217	e48	31
12	101	53	230	133	1330	353	1800	92	94	192	44	59
13	79	55	178	122	1000	310	2430	149	105	174	40	56
14	74	52	183	115	854	289	1570	606	128	160	38	35
15	65	52	162	109	1800	301	973	2340	200	1070	36	32
16	e58	90	145	102	1530	600	601	1530	215	507	34	30
17	e56	105	132	111	1270	676	357	1360	331	672	33	31
18	e54	232	118	460	850	543	289	803	388	990	33	30
19	e52	395	106	444	586	366	241	464	325	395	34	29
20	e51	299	96	271	469	301	211	295	196	e240	64	28
21	49	201	89	190	402	e270	194	222	145	e200	73	27
22	47	146	84	161	350	e235	277	183	134	e160	57	26
23	46	124	317	144	323	e225	266	156	264	145	51	25
24	44	283	454	198	345	e206	194	133	355	129	44	24
25	43	251	307	2950	477	e197	173	116	3860	119	46	24
26	73	180	194	1600	916	e192	170	104	2620	310	40	24
27	144	282	155	1290	718	e184	252	97	1860	269	38	23
28	110	412	137	739	523	e193	174	e85	1530	173	67	23
29	85	322	353	421	399	e224	157	e66	1220	132	290	23
30	72	193	532	310	---	e219	232	e440	1440	115	251	23
31	63	---	349	251	---	e190	---	e1850	---	440	113	---
TOTAL	2091	4373	6323	11962	31325	18216	12149	12414	18849	12279	2380	1074
MEAN	67.5	146	204	386	1080	588	405	400	628	396	76.8	35.8
MAX	154	412	532	2950	4610	2060	2430	2340	3860	1320	290	78
MIN	43	52	84	102	191	184	102	66	94	115	33	23
CFSM	0.26	0.56	0.78	1.47	4.12	2.24	1.55	1.53	2.40	1.51	0.29	0.14
IN.	0.30	0.62	0.90	1.70	4.45	2.59	1.72	1.76	2.68	1.74	0.34	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2004, BY WATER YEAR (WY)

MEAN	83.6	281	586	599	717	782	705	469	266	130	86.2	107
MAX	532	2145	3396	2086	2204	2558	2545	2055	1632	752	487	1239
(WY)	2003	1958	1983	1974	1991	1973	1991	1983	1997	1994	1982	1958
MIN	11.9	12.8	37.7	44.2	112	95.5	84.0	52.7	19.1	16.6	8.20	7.15
(WY)	2001	1957	1956	1956	1972	1954	1986	1965	1988	1960	1954	1956

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1952 - 2004	
ANNUAL TOTAL	146306		133435			
ANNUAL MEAN	401		365		399	
HIGHEST ANNUAL MEAN					877	1983
LOWEST ANNUAL MEAN					123	1981
HIGHEST DAILY MEAN	6920	Feb 22	4610	Feb 6	25600	Dec 26 1982
LOWEST DAILY MEAN	30	Sep 20	23	Sep 27	5.1	Aug 26 1987
ANNUAL SEVEN-DAY MINIMUM	35	Sep 15	23	Sep 24	5.7	Aug 12 1954
MAXIMUM PEAK FLOW			6760	Feb 5	44100	Mar 21 1955
MAXIMUM PEAK STAGE			20.87	Feb 5	28.72b	Mar 21 1955
INSTANTANEOUS LOW FLOW			22	Sep 27a	4.4	Sep 14 1954
ANNUAL RUNOFF (CFSM)	1.53		1.39		1.52	
ANNUAL RUNOFF (INCHES)	20.77		18.95		20.71	
10 PERCENT EXCEEDS	962		960		997	
50 PERCENT EXCEEDS	172		167		104	
90 PERCENT EXCEEDS	51		45		19	

e Estimated
a Also occurred on Sept. 28,29,30.
b To present datum.

07275900 COLDWATER RIVER NEAR OLIVE BRANCH, MS

LOCATION.--Lat 34°54'27", long 89°45'12", in SE1/4 SW1/4 sec.17, T.2 S., R.5 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204 at State Highway 178, about 7 miles east of Olive Branch, Mississippi.

DRAINAGE AREA.--191 mi^2.

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 280.00 ft above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: May 9-12, 21-28, Jun. 9-13, Jul. 21-23, 27-29, Aug. 1-19, 31 and Sept. 1-12, 18-30. Records good except for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,900 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 7	0030	*4,580	*10.02	No other peak greater than base discharge.			

REVISIONS.--The maximum discharge for the 1997 water year has been revised to 6,280 ft^3/s, March 3, 1997, gage height, 10.84 ft.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	95	127	260	129	515	103	137	174	223	e73	e71
2	71	95	113	164	132	658	97	167	134	196	e70	e69
3	71	94	112	146	149	931	94	208	96	154	e67	e67
4	72	95	191	139	152	955	93	144	105	120	e66	e66
5	73	94	268	153	1440	406	88	115	106	130	e65	e71
6	73	95	213	189	3740	408	86	102	92	136	e66	e79
7	78	95	141	150	3350	380	86	93	105	258	e66	e71
8	99	93	123	125	1440	255	88	87	108	255	e64	e65
9	114	92	119	128	617	164	88	e84	e91	313	e63	e63
10	336	92	232	134	272	138	87	e82	e83	154	e63	e62
11	248	93	221	123	224	127	95	e81	e79	106	e64	e62
12	210	97	166	114	366	121	198	e80	e78	99	e63	e62
13	122	99	142	112	401	116	582	223	e80	128	e64	114
14	105	99	200	111	384	114	1010	385	76	111	e62	383
15	104	97	186	109	433	119	1070	602	77	103	e62	465
16	100	184	151	107	622	127	572	992	101	119	e61	174
17	94	219	133	107	844	126	167	882	131	137	e62	112
18	121	515	123	143	742	118	127	528	220	134	e62	e99
19	120	775	114	179	427	119	110	304	156	149	e63	e92
20	99	1620	108	141	303	216	100	158	97	117	107	e87
21	92	1300	104	119	223	593	152	e120	84	e88	182	e86
22	90	617	104	111	174	308	918	e103	111	e80	106	e85
23	88	210	143	108	150	168	1160	e95	393	e77	84	e85
24	86	444	225	111	144	130	1540	e89	494	332	86	e85
25	86	482	192	1400	156	118	1790	e85	555	232	174	e85
26	152	405	139	2310	170	111	963	e81	468	97	115	e86
27	182	242	123	1750	181	107	424	e79	344	e85	87	e85
28	131	284	116	945	152	109	177	e79	171	e83	77	e83
29	107	224	363	262	135	109	130	84	302	e78	79	e82
30	100	152	483	165	---	120	126	90	408	82	84	e82
31	96	---	460	143	---	117	---	157	---	83	e74	---
TOTAL	3591	9098	5635	10258	17652	8103	12321	6516	5519	4459	2481	3178
MEAN	116	303	182	331	609	261	411	210	184	144	80.0	106
MAX	336	1620	483	2310	3740	955	1790	992	555	332	182	465
MIN	71	92	104	107	129	107	86	79	76	77	61	62
MED	99	125	142	141	272	127	129	103	107	120	66	84
CFSM	0.61	1.59	0.95	1.73	3.19	1.37	2.15	1.10	0.96	0.75	0.42	0.55
IN.	0.70	1.77	1.10	2.00	3.44	1.58	2.40	1.27	1.07	0.87	0.48	0.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

MEAN	203	218	354	310	481	446	272	279	139	88.6	80.2	152
MAX	716	747	1067	611	759	1082	411	780	396	144	111	470
(WY)	2003	2002	2002	1999	2003	1997	2004	2003	1997	2004	2002	2002
MIN	40.5	78.9	100	90.4	175	126	175	58.2	68.6	43.6	40.6	44.8
(WY)	2001	2000	2001	2000	2000	2001	2003	2001	2002	2001	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	90002		88811			
ANNUAL MEAN	247		243		251	
HIGHEST ANNUAL MEAN					415	2002
LOWEST ANNUAL MEAN					103	2000
HIGHEST DAILY MEAN	4600	May 18	3740	Feb 6	13400	Nov 30 2001
LOWEST DAILY MEAN	57	Jul 11	61	Aug 16	34	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	60	Jul 5	62	Aug 12	35	Aug 31 2000
MAXIMUM PEAK FLOW			4580	Feb 7	14900	Nov 30 2001
MAXIMUM PEAK STAGE			10.02	Feb 7	13.60	Nov 30 2001
INSTANTANEOUS LOW FLOW			61	Aug 16	34	Sep 5 2000
ANNUAL RUNOFF (CFSM)	1.29		1.27		1.31	
ANNUAL RUNOFF (INCHES)	17.53		17.30		17.84	
10 PERCENT EXCEEDS	472		500		474	
50 PERCENT EXCEEDS	101		119		99	
90 PERCENT EXCEEDS	67		74		51	

e Estimated

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS

LOCATION.--Lat 34°37'55", long 89°55'28", in SE1/4 NW1/4 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.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--February 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 233.02 ft above NGVD of 1929. September 4, 1942, to February 6, 1986, discharge measurements and gage height record at same site and datum in files of U.S. Army Corps of Engineers, Vicksburg District. Automatic pumping sediment sampler since February 1986.

REMARKS.--Estimated daily discharges: Jun. 10-14 and Jul. 28 - Aug. 5. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station. Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office.

EXTREMES OUTSIDE PERIOD OF RECORD.--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: 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)
Nov. 18	1115	9,890	16.50	Feb. 5	1345	*12,600	*17.69

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	38	70	90	76	1480	60	111	88	200	e43	44
2	42	39	64	78	88	623	58	275	60	175	e43	43
3	41	43	104	70	99	294	56	111	54	99	e43	44
4	40	40	236	65	74	215	52	84	50	83	e44	72
5	40	41	99	162	7570	259	49	73	49	74	e45	83
6	42	42	73	93	789	326	49	66	50	257	47	49
7	42	44	65	72	241	176	57	62	51	278	48	47
8	44	45	64	72	135	135	60	58	44	184	49	46
9	69	45	70	87	125	124	44	56	45	92	49	45
10	172	44	326	72	142	108	55	54	e39	76	50	45
11	67	44	106	65	119	102	95	52	e39	69	49	46
12	48	42	74	61	731	98	1310	57	e39	65	61	46
13	45	41	70	58	194	94	1500	129	e39	62	50	46
14	47	42	75	58	130	93	324	166	e41	59	51	47
15	47	43	66	58	1610	92	180	167	48	57	49	53
16	48	213	66	57	565	91	139	112	51	58	48	49
17	49	116	65	62	229	86	117	161	57	62	47	51
18	46	3400	64	140	147	112	102	84	45	64	47	49
19	44	497	61	94	113	89	93	61	43	53	45	50
20	43	161	59	69	94	243	87	54	43	52	55	50
21	43	103	58	66	74	738	102	51	45	51	49	52
22	43	83	57	66	73	179	590	49	54	49	46	50
23	49	154	190	62	55	120	304	48	78	48	46	49
24	45	721	112	154	71	100	158	48	171	48	49	48
25	45	139	72	3840	221	89	179	47	541	47	123	46
26	272	94	65	335	503	80	123	47	118	47	49	47
27	61	205	65	163	132	74	97	46	79	48	44	54
28	50	150	63	115	80	68	88	56	170	e45	67	49
29	47	91	667	101	64	77	77	49	351	e44	108	48
30	43	81	277	89	---	71	117	53	623	e44	51	49
31	40	---	119	81	---	65	---	381	---	e45	47	---
TOTAL	1794	6841	3622	6655	14544	6501	6322	2868	3205	2635	1642	1497
MEAN	57.9	228	117	215	502	210	211	92.5	107	85.0	53.0	49.9
MAX	272	3400	667	3840	7570	1480	1500	381	623	278	123	83
MIN	40	38	57	57	55	65	44	46	39	44	43	43
CFSM	0.48	1.88	0.97	1.77	4.14	1.73	1.74	0.76	0.88	0.70	0.44	0.41
IN.	0.55	2.10	1.11	2.05	4.47	2.00	1.94	0.88	0.99	0.81	0.50	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	101	147	297	273	333	290	214	176	172	117	76.0	82.0
MAX	631	630	719	664	1040	591	1052	814	748	587	225	292
(WY)	2003	2002	2002	1989	1990	2002	1991	2003	1989	1989	1993	2002
MIN	30.7	34.7	59.5	36.9	88.4	73.7	33.9	31.8	25.5	29.9	27.2	26.7
(WY)	1989	2000	1990	2000	1992	1986	1986	1986	1988	1986	1988	1987

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1985 - 2004	
ANNUAL TOTAL	74962		58126			
ANNUAL MEAN	205		159		196	
HIGHEST ANNUAL MEAN					319	2002
LOWEST ANNUAL MEAN					72.0	2000
HIGHEST DAILY MEAN	10200	May 17	7570	Feb 5	12300	Feb 3 1990
LOWEST DAILY MEAN	38	Nov 1	38	Nov 1	22	Jul 6 1988
ANNUAL SEVEN-DAY MINIMUM	40	Oct 31	40	Oct 31	22	Jul 6 1988
MAXIMUM PEAK FLOW			12600	Feb 5	19100	Feb 3 1990
MAXIMUM PEAK STAGE			17.69	Feb 5	19.91	Feb 3 1990
ANNUAL RUNOFF (CFSM)	1.70		1.31		1.62	
ANNUAL RUNOFF (INCHES)	23.05		17.87		22.01	
10 PERCENT EXCEEDS	306		231		275	
50 PERCENT EXCEEDS	68		64		53	
90 PERCENT EXCEEDS	43		44		34	

e Estimated

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1986 to September 1989.
pH: February 1986 to September 1989.
WATER TEMPERATURE: February 1986 to September 1989.
DISSOLVED OXYGEN: February 1986 to September 1989.
SUSPENDED SEDIMENT CONCENTRATION: February 1986 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: February 1986 to September 2003.

INSTRUMENTATION.--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.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					FEB				
01...	1700	38	25	2.6	06...	0130	1680	1210	5490
09...	1115	48	24	3.1	15...	0400	1430	1270	4900
15...	1530	48	24	3.1	15...	0545	2270	1320	8090
20...	0855	45	24	2.9	15...	0745	2060	1360	7560
30...	0940	45	30	3.6	15...	1000	1540	1150	4780
NOV					15...	1145	1400	941	3560
05...	0835	41	32	3.5	15...	1245	1430	685	2640
13...	1445	40	24	2.6	15...	1430	1570	577	2450
17...	0835	68	60	11	15...	1645	2010	840	4560
18...	0845	2420	114	745	15...	1830	2120	831	4760
18...	1030	9720	6330	166000	15...	2030	1910	600	3090
18...	1215	9800	5070	134000	15...	2245	1550	547	2290
18...	1415	8540	3950	91100	18...	1010	149	58	23
18...	1630	4730	2220	28400	MAR				
18...	1815	3170	1240	10600	01...	1030	1980	799	4270
18...	2030	1820	830	4080	01...	1215	3170	1210	10400
24...	0045	1540	544	2260	01...	1400	3350	1530	13800
24...	0215	1700	787	3610	01...	1600	3000	1610	13000
24...	0415	1450	723	2830	01...	1800	2340	1360	8590
24...	1110	536	314	454	01...	2000	1940	1010	5290
DEC					01...	2200	1460	736	2900
04...	1115	223	102	61	09...	1605	122	39	13
08...	0920	64	74	13	20...	2245	1910	1930	9950
16...	0835	66	26	4.6	21...	0015	1970	3020	16100
23...	0915	236	324	206	21...	0215	1620	2390	10500
29...	1015	190	385	198	APR				
29...	1420	1430	799	3080	08...	0820	63	33	5.6
29...	1600	1650	1120	4990	12...	0600	1480	941	3760
29...	1800	1490	866	3480	12...	0800	3240	1340	11700
JAN					12...	0945	3360	1180	10700
07...	1640	69	48	8.9	12...	1145	2510	989	6700
24...	2345	1910	3060	15800	12...	1345	1520	768	3150
25...	0130	6400	1150	19900	13...	0445	1820	428	2100
25...	0315	7960	2630	56500	13...	0615	2810	550	4170
25...	0515	8540	2950	68000	13...	0815	3060	782	6460
25...	0715	7980	2840	61200	13...	1015	2670	923	6650
25...	0915	5560	2400	36000	13...	1215	1950	771	4060
25...	1130	2740	1840	13600	20...	1550	86	24	5.6
25...	1315	2140	1140	6590	22...	1830	1460	2520	9930
25...	1515	1530	770	3180	MAY				
28...	1535	111	83	25	13...	0945	56	33	5.0
Feb					30...	1045	48	26	3.4
05...	0400	2540	1480	10100	JUN				
05...	0530	8520	2930	67400	24...	2345	1570	3310	14000
05...	0730	10300	3880	108000	25...	0115	1600	936	4040
05...	0930	11200	3820	116000	JUL				
05...	1130	12100	4060	133000	08...	1045	173	94	44
05...	1330	12500	3870	131000	15...	1445	55	21	3.1
05...	1530	11700	3720	118000	AUG				
05...	1730	9760	2920	76900	11...	1050	51	18	2.5
05...	1930	6660	1840	33100	SEP				
05...	2130	4310	1340	15600	01...	1415	43	22	2.6
05...	2330	2680	1030	7450	14...	1430	49	20	2.6

07280400 TILLATOBA CREEK AT CHARLESTON, MS

LOCATION.--Lat 34°00'02", long 90°03'46", in SW1/4 SW1/4 sec.26, T.25 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, County code 135, at State Highway 35 at Charleston, MS.

DRAINAGE AREA.--118 mi^2.

PERIOD OF RECORD.--January 1996 to current year.

REVISIONS.--WDR MS-01-1.

GAGE.--Water-stage recorder. Datum of gage is 151.02 ft above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 25	0800	7,010	20.34	Feb. 5	1530	*10,500	*23.69

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	20	32	81	88	566	50	68	306	191	32	27
2	20	20	30	89	86	534	45	165	171	153	28	25
3	20	22	36	77	85	212	41	83	124	119	26	23
4	20	24	145	66	73	148	39	59	106	108	25	22
5	20	25	63	68	6050	218	39	54	86	106	24	21
6	21	24	45	59	1520	773	39	49	98	79	24	20
7	21	21	38	46	684	251	38	43	188	107	23	19
8	20	21	35	46	489	154	43	39	85	147	22	18
9	21	20	37	67	383	119	41	36	66	83	22	17
10	106	21	95	57	657	95	51	33	54	67	22	17
11	48	22	56	45	408	83	185	32	46	57	21	17
12	33	22	41	41	1010	75	2200	32	41	51	22	17
13	30	22	42	41	397	70	1490	131	36	47	21	17
14	29	20	51	41	270	69	521	598	34	43	20	17
15	25	20	43	40	1570	84	299	2580	46	50	19	16
16	24	46	39	35	556	270	212	681	49	122	19	16
17	23	81	36	41	287	137	158	625	116	470	18	16
18	23	141	33	358	202	111	124	353	79	191	18	15
19	22	169	31	151	168	94	105	222	53	86	19	16
20	21	69	29	81	148	79	93	164	41	63	166	18
21	20	42	28	62	126	72	86	128	36	55	93	15
22	23	37	29	53	110	64	121	111	49	51	107	16
23	25	40	95	47	104	61	107	93	72	43	389	16
24	24	102	85	480	111	55	82	79	275	39	375	16
25	26	59	48	3940	142	53	82	69	1820	36	77	16
26	40	42	39	598	217	51	81	59	537	56	47	16
27	31	94	34	323	134	48	67	53	431	35	35	15
28	24	70	33	209	105	47	58	314	1150	32	34	16
29	23	41	498	157	95	51	53	195	577	30	80	15
30	25	34	288	125	---	58	59	125	277	29	42	14
31	22	---	109	101	---	55	---	1390	---	43	31	---
TOTAL	851	1391	2243	7625	16275	4757	6609	8663	7049	2789	1901	529
MEAN	27.5	46.4	72.4	246	561	153	220	279	235	90.0	61.3	17.6
MAX	106	169	498	3940	6050	773	2200	2580	1820	470	389	27
MIN	20	20	28	35	73	47	38	32	34	29	18	14
MED	23	29	39	67	202	83	81	93	86	57	25	16
CFSM	0.23	0.39	0.61	2.08	4.76	1.30	1.87	2.37	1.99	0.76	0.52	0.15
IN.	0.27	0.44	0.71	2.40	5.13	1.50	2.08	2.73	2.22	0.88	0.60	0.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

MEAN	60.9	142	203	326	395	313	247	260	139	53.5	34.5	77.9
MAX	264	651	587	752	659	584	470	772	548	99.4	61.3	386
(WY)	2003	2002	2002	2002	2003	1997	2000	2003	1997	2003	2004	2002
MIN	6.75	16.1	28.5	49.5	113	123	68.1	26.9	29.7	12.1	9.27	8.27
(WY)	2001	2000	2000	2000	1999	2003	2003	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	64771		60682			
ANNUAL MEAN	177		166		186	
HIGHEST ANNUAL MEAN					325	2002
LOWEST ANNUAL MEAN					78.9	2000
HIGHEST DAILY MEAN	8100	May 6	6050	Feb 5	11500	Nov 29 2001
LOWEST DAILY MEAN	16	Aug 19	14	Sep 30	5.4	Oct 31 2000
ANNUAL SEVEN-DAY MINIMUM	18	Aug 19	15	Sep 24	6.2	Oct 25 2000
MAXIMUM PEAK FLOW			10500	Feb 5	14000	Nov 29 2001
MAXIMUM PEAK STAGE			23.69	Feb 5	28.01	Nov 29 2001
INSTANTANEOUS LOW FLOW			14	Sep 19a	5.2	Oct 31 2000
ANNUAL RUNOFF (CFSM)	1.50		1.41		1.58	
ANNUAL RUNOFF (INCHES)	20.42		19.13		21.47	
10 PERCENT EXCEEDS	325		332		390	
50 PERCENT EXCEEDS	51		53		46	
90 PERCENT EXCEEDS	21		20		14	

a Also Sept. 21, 27, 29, 30.

07281600 TALLAHATCHIE RIVER AT MONEY, MS

LOCATION.--Lat 33°39'05", long 90°12'39", in NW1/4 SE1/4 SE1/4 sec.29, T.21 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030202, County code 83, at county road bridge at Money, Ms, about 9 mi north of Greenwood, MS, 193 mi above confluence at Vicksburg.

DRAINAGE AREA.--5,221 mi^2, U.S. Army Corps of Engineers

PERIOD OF RECORD.--October 1995 to current year. 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 NGVD of 1929 (levels by U.S. Army Corps of Engineers).

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

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8280	7140	13100	6500	13800	17600	6680	5580	7410	12000	7810	7730
2	8210	7290	12800	6810	13800	17500	6400	5480	7630	11000	7680	7590
3	8090	7380	12500	6990	13800	17400	6140	5770	6610	9980	7400	7550
4	7940	7440	12100	7080	13800	17400	5840	5730	5460	9080	7050	7530
5	7770	7540	11700	7130	15000	17300	5720	5400	4590	8350	6970	7290
6	7600	7330	11100	7080	16600	18000	5680	5000	4490	7410	6950	6630
7	7480	6740	10400	7080	17300	18300	5640	4600	5020	6580	6940	5680
8	7350	6900	9570	7190	17500	18200	5680	4210	5390	6650	6900	4860
9	7220	7050	8690	7310	17300	17700	5630	3920	5400	7110	6840	4990
10	7310	7190	7810	7360	17400	17100	5680	3730	5330	7280	6790	5650
11	7360	7320	7220	7220	17600	16700	6090	3580	5330	7340	6750	6190
12	7400	7410	6910	6900	18000	16200	8180	3460	5290	7230	6760	6510
13	7370	7430	6840	6400	18300	15700	11300	3410	5210	7020	6790	6680
14	7300	7330	6830	5850	18400	15200	12300	3790	5150	6930	6760	6770
15	7180	7120	6700	5170	18900	14800	12500	6410	5130	6990	6710	6780
16	7090	7120	6480	4260	19200	14500	12600	9430	5170	7170	6760	6480
17	7020	7380	6210	3320	19200	14100	12600	10200	5300	7770	6920	5880
18	6950	7270	5770	2930	19000	13600	12100	10200	5340	9080	7110	5780
19	6910	8630	5260	3920	18800	13000	11500	9710	5030	8980	7260	6120
20	6850	9930	4820	4370	18600	12400	10700	8700	4360	8470	7490	6470
21	6790	10700	4410	3900	18400	11700	9540	7370	4080	8270	7700	6650
22	6740	11100	3830	4180	18200	11100	8220	6210	4180	8170	7800	6760
23	6540	11500	3450	4720	18100	10700	7430	5350	4650	8060	7650	6890
24	6360	12000	3450	4870	17900	10300	7160	4710	5140	7960	7670	7020
25	6350	12300	3330	7590	17900	9930	6800	4220	7900	7810	8010	7100
26	6530	12400	2770	11700	17900	9410	6650	4060	10200	7690	8750	7130
27	6610	12800	2350	12600	17800	8880	6540	4270	11700	7560	8990	7090
28	6610	13200	2120	12800	17800	8300	6380	4320	12600	7480	8600	7010
29	6540	13400	2250	13100	17700	7820	6170	5040	13400	7460	8470	6910
30	6640	13300	4150	13400	---	7410	5910	5300	13100	7520	8440	6830
31	6910	---	6070	13600	---	7010	---	5660	---	7720	8090	---
TOTAL	221300	271640	210990	223330	504000	425260	239760	174820	195590	248120	230810	198550
MEAN	7139	9055	6806	7204	17380	13720	7992	5639	6520	8004	7445	6618
MAX	8280	13400	13100	13600	19200	18300	12600	10200	13400	12000	8990	7730
MIN	6350	6740	2120	2930	13800	7010	5630	3410	4080	6580	6710	4860
CFSM	1.37	1.73	1.30	1.38	3.33	2.63	1.53	1.08	1.25	1.53	1.43	1.27
IN.	1.58	1.94	1.50	1.59	3.59	3.03	1.71	1.25	1.39	1.77	1.64	1.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

MEAN	6973	7870	9327	11080	13040	12610	9133	7019	6467	5567	6149	6551
MAX	15010	14140	17600	17700	17550	16740	16080	12910	11980	9228	9170	8928
(WY)	2003	2003	2002	2003	2002	2003	2002	2002	1997	1997	2003	2002
MIN	3286	4305	3461	1552	1947	5353	6184	2147	1996	1526	2223	3503
(WY)	2001	2000	2000	2000	2000	2000	1998	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	4035920		3144170			
ANNUAL MEAN	11060		8591		8460	
HIGHEST ANNUAL MEAN					12830	2003
LOWEST ANNUAL MEAN					3490	2000
HIGHEST DAILY MEAN	19200	Mar 1	19200	Feb 16	19500	Jan 27 2002
LOWEST DAILY MEAN	2120	Dec 28	2120	Dec 28	696	May 27 1996
ANNUAL SEVEN-DAY MINIMUM	2820	Dec 23	2820	Dec 23	829	Jan 22 2000
MAXIMUM PEAK FLOW			19300	Feb 16	19600	Jan 27 2002
MAXIMUM PEAK STAGE			31.00	Feb 16	34.19	Jan 27 2002
INSTANTANEOUS LOW FLOW			2020	Dec 29	576	Oct 3 2000
ANNUAL RUNOFF (CFSM)	2.12		1.65		1.62	
ANNUAL RUNOFF (INCHES)	28.76		22.40		22.02	
10 PERCENT EXCEEDS	17800		15800		15700	
50 PERCENT EXCEEDS	9840		7260		7850	
90 PERCENT EXCEEDS	6870		4720		2630	

07281960 YALOBUSHA RIVER AT VARDAMAN, MS

LOCATION.--Lat 33°51'58", long 89°10'23", in NE¼ NE¼ sec.15, T.14 S., R.1 E., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, at downstream side of bridge on State Highway 341, 0.8 mi south of Vardaman, 1.1 mi upstream of Cane Creek, and 6.0 mi north of Atlanta.

DRAINAGE AREA.--86.3 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 267.42 ft above NGVD of 1929 (levels by Mississippi Department of Transportation).

REMARKS.--Estimated daily discharge: Aug. 21 - Sept 1. Discharge records good except for estimated daily discharges, which are poor. Satellite telemeter at station. Channel rectification was completed in 1967.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,450 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 27	0900	2,610	21.47	May 15	1230	3,360	24.31
Jan. 25	0945	2,790	22.27	Jun. 25	1030	5,140	27.44
Feb. 5	1600	5,570	28.06	Jun. 29	2100	2,770	22.17
Mar. 6	0100	*5,700	*28.21				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	3.1	40	94	25	113	4.6	6.2	263	430	5.3	e1.9
2	0.94	3.3	24	144	23	812	5.1	12	40	357	2.8	1.5
3	0.54	3.0	22	84	22	349	4.0	12	320	89	1.4	1.1
4	0.38	3.4	63	60	21	104	3.5	6.1	264	49	1.8	0.57
5	0.29	3.9	55	129	2790	592	3.0	10	43	32	1.2	0.34
6	0.49	1.7	31	94	2010	2880	2.6	4.1	18	24	0.79	0.51
7	1.2	1.1	21	47	577	798	2.6	2.2	17	37	0.54	0.32
8	0.71	0.79	17	52	116	113	9.9	1.6	20	32	0.49	0.17
9	0.73	0.83	15	235	83	63	8.6	1.3	12	22	0.31	0.15
10	36	1.0	237	103	351	39	185	1.2	7.0	17	3.1	0.16
11	11	1.2	92	56	289	27	528	1.1	4.9	11	1.7	0.14
12	5.9	1.2	42	40	917	20	765	1.5	3.5	10	1.3	0.37
13	2.8	1.2	48	32	290	16	835	1.9	33	12	0.79	0.30
14	1.8	0.95	86	28	122	13	246	7.9	204	6.7	0.33	0.23
15	1.2	0.92	53	26	1380	377	70	2510	143	5.2	0.30	0.12
16	0.65	1.9	35	22	568	919	36	1100	260	4.7	0.53	0.39
17	0.63	1.8	26	170	133	225	22	167	832	38	0.25	0.41
18	0.41	220	21	929	77	68	16	68	335	48	0.24	0.23
19	0.28	212	17	362	56	40	12	34	53	12	0.26	0.23
20	0.85	60	14	82	44	28	8.8	20	22	6.1	9.2	0.23
21	3.7	26	13	51	36	24	8.2	14	14	4.0	e6.8	0.18
22	1.4	16	13	37	31	18	6.5	11	17	2.7	e30	0.13
23	0.25	11	104	35	30	14	5.5	8.2	80	4.3	e17	0.098
24	0.14	181	151	166	32	11	4.6	6.4	417	2.6	e8.3	0.073
25	25	74	57	2000	185	9.4	6.1	5.2	3750	13	e3.3	0.062
26	1140	29	35	726	785	13	16	3.0	1200	13	e2.2	0.049
27	300	1540	26	129	243	11	13	2.4	454	4.4	e15	0.037
28	34	1310	22	62	83	6.5	6.6	3.7	603	2.5	e7.9	0.037
29	17	364	160	44	54	6.4	4.7	4.6	1690	2.5	e18	0.027
30	8.4	64	242	36	---	5.9	5.9	2.1	1300	1.5	e7.2	0.024
31	4.4	---	79	29	---	5.4	---	1110	---	4.4	e2.4	---
TOTAL	1602.39	4138.29	1861	6104	11373	7720.6	2844.8	5138.7	12419.4	1297.6	150.73	10.087
MEAN	51.7	138	60.0	197	392	249	94.8	166	414	41.9	4.86	0.34
MAX	1140	1540	242	2000	2790	2880	835	2510	3750	430	30	1.9
MIN	0.14	0.79	13	22	21	5.4	2.6	1.1	3.5	1.5	0.24	0.024
MED	1.2	3.4	35	62	116	28	8.4	6.2	112	12	1.8	0.20
CFSM	0.60	1.60	0.70	2.28	4.54	2.89	1.10	1.92	4.80	0.49	0.06	0.00
IN.	0.69	1.78	0.80	2.63	4.90	3.33	1.23	2.22	5.35	0.56	0.06	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	48.8	115	219	294	255	228	259	191	187	37.5	25.8	74.1
MAX	145	247	455	613	527	393	614	654	492	101	72.6	474
(WY)	2003	2002	2002	1999	2003	2002	2000	2003	1999	2002	1998	2002
MIN	0.00	0.14	5.89	15.4	23.2	111	94.8	3.29	19.3	0.38	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2003	2004	2000	1998	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	65945.550		54660.600			
ANNUAL MEAN	181		149		164	
HIGHEST ANNUAL MEAN					229	2002
LOWEST ANNUAL MEAN					69.0	2000
HIGHEST DAILY MEAN	5510	May 6	3750	Jun 25	6820	Sep 27 2002
LOWEST DAILY MEAN	0.060	Aug 30	0.020	Sep 30	0.000	Jul 4 1998
ANNUAL SEVEN-DAY MINIMUM	0.10	Aug 25	0.04	Sep 24	0.00	Jul 20 2000
MAXIMUM PEAK FLOW			5700	Mar 6	8100	Sep 27 2002
MAXIMUM PEAK STAGE			28.21	Mar 6	30.62	Sep 27 2002
INSTANTANEOUS LOW FLOW			0.02	Sep 29	0.00	Jul 2 1998
ANNUAL RUNOFF (CFSM)	2.09		1.73		1.89	
ANNUAL RUNOFF (INCHES)	28.43		23.56		25.74	
10 PERCENT EXCEEDS	479		358		376	
50 PERCENT EXCEEDS	15		16		11	
90 PERCENT EXCEEDS	0.43		0.41		0.08	

e Estimated

07281960 YALOBUSHA RIVER AT VARDAMAN, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: October 1999 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: October 1999 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since December 2001.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
02...	0810	1.1	35	.10
09...	1330	.71	52	.10
16...	1145	.57	70	.11
20...	1350	.15	60	.02
26...	0955	1390	784	2940
30...	1135	8.1	67	1.5
NOV				
05...	1235	2.9	50	.39
13...	1020	1.3	66	.23
17...	1310	1.8	88	.43
24...	1630	204	170	94
27...	0645	2190	1530	9050
27...	0830	2570	1550	10800
27...	1030	2540	1120	7680
27...	1230	2290	751	4640
DEC				
02...	1305	23	62	3.9
08...	1340	17	54	2.5
16...	1405	34	64	5.9
23...	1145	96	639	166
29...	1230	35	146	14
JAN				
07...	1630	42	60	6.8
25...	0530	2120	937	5360
25...	0715	2470	494	3290
25...	0915	2730	512	3770
25...	1115	2710	479	3500
25...	1315	2470	383	2550
25...	1515	2150	314	1820
28...	1130	61	66	11
FEB				
05...	0930	2140	1040	6010
05...	1115	2850	1020	7850
05...	1315	4490	985	11900
05...	1515	5520	973	14500
05...	1715	5460	846	12500
05...	1915	4810	625	8120
05...	2115	3990	453	4880
05...	2315	3510	371	3520
06...	0115	3220	310	2700
06...	0315	2880	273	2120
FEB				
06...	0515	2550	257	1770
06...	0715	2240	247	1490
19...	1310	54	46	6.7
MAR				
05...	2115	2130	670	3850
05...	2300	4570	1100	13600
06...	0100	5700	1330	20500
06...	0300	5330	945	13600
06...	0500	4270	580	6690
06...	0700	3530	413	3940
06...	0900	3000	331	2680
06...	1100	2690	303	2200
06...	1300	2400	282	1830
31...	0955	5.4	48	.70
APR				
20...	1135	8.7	47	1.1
MAY				
12...	0815	1.1	52	.15
15...	0230	1820	2280	11200
15...	0415	2710	1560	11400
15...	0615	2920	1160	9150
15...	0815	2840	688	5280
15...	1015	3100	594	4970
15...	1215	3340	470	4240
15...	1415	3190	307	2640
15...	1615	2930	379	3000
15...	1815	2590	237	1660
15...	2015	2250	217	1320
15...	2215	1900	213	1090
31...	0615	1690	1570	7160
31...	0800	1860	1330	6680
31...	1000	1810	889	4340
JUN				
01...	1130	273	182	134
25...	1655	3620	168	1640
JUL				
15...	0940	4.5	48	.58
AUG				
04...	0950	1.3	94	.33
SEP				
01...	1000	2.1	54	.31
14...	1230	.23	66	.04

07281977 YALOBUSHA RIVER AT DERMA, MS

LOCATION.--Lat 33°50'17", long 89°16'33", in NW1/4 NW1/4 sec.26, T.14 S., R.1 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on the right bank at downstream side of bridge on county road, 1.3 mi south of Derma, and 2.4 mi upstream of 07282000 Yalobusha River at Calhoun City.

DRAINAGE AREA.--160 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 226.02 ft above NGVD of 1929. Automatic pumping sediment sampler since May 1998.

REMARKS.--Estimated daily discharge: July 13,14 and 21-24. Discharge records good except for estimated daily discharges, which are poor. Satellite telemeter at station. Channel rectification was completed in 1967.

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. 25	1045	5,150	25.17	May 15	1215	6,690	27.16
Feb. 5	1800	7,820	28.12	Jun. 25	1030	7,500	27.92
Mar. 6	0400	*8,500	*28.48				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	24	131	163	46	188	24	30	836	906	11	3.9
2	2.9	17	59	291	42	1410	21	52	232	704	8.1	3.3
3	2.6	13	45	180	44	708	17	51	517	318	6.9	2.9
4	2.4	11	88	128	36	254	14	34	710	125	6.6	2.9
5	2.3	9.9	81	209	4430	988	11	25	157	67	6.3	2.8
6	2.3	8.9	52	185	4170	5960	9.1	19	64	38	6.1	2.5
7	2.4	8.2	39	103	1320	1710	8.0	14	48	41	5.6	2.4
8	2.5	7.6	34	92	439	481	29	12	46	76	5.2	2.1
9	2.7	7.0	32	408	227	206	36	10	33	65	5.1	1.9
10	108	6.7	313	249	577	110	315	9.9	25	29	9.9	1.8
11	56	6.9	171	135	539	74	988	9.0	20	18	7.7	1.7
12	27	7.3	75	96	1640	54	1500	8.9	15	14	7.1	1.6
13	16	7.2	66	79	672	43	1610	49	47	e12	5.5	1.8
14	11	7.0	120	73	307	37	610	106	401	e11	4.7	1.8
15	8.3	7.1	82	69	2500	561	219	5400	530	51	4.3	1.7
16	6.5	11	59	59	1190	1790	114	2350	299	20	4.0	1.8
17	5.4	21	49	221	422	523	72	884	1720	84	4.1	2.8
18	5.4	459	42	1660	200	178	53	444	948	169	3.7	2.1
19	5.0	447	38	711	127	95	44	189	261	31	3.5	1.6
20	4.6	83	34	259	89	64	41	107	89	16	6.6	1.4
21	4.5	30	32	140	63	58	37	69	42	e12	9.0	1.3
22	4.4	23	32	91	44	47	33	51	36	e11	15	1.2
23	4.2	23	125	72	43	40	28	39	230	e10	13	1.2
24	3.9	412	236	184	56	35	24	31	613	e9.6	10	1.1
25	6.7	148	105	3820	118	31	20	24	6200	95	5.1	1.1
26	1850	37	66	1510	960	32	54	23	2450	69	4.3	1.1
27	535	2510	53	513	395	32	68	19	1430	17	4.8	0.93
28	236	2170	48	210	140	28	40	17	1500	11	11	0.85
29	113	878	274	118	78	25	29	18	2860	8.9	15	0.78
30	60	299	498	79	---	28	28	16	2250	8.0	10	0.73
31	35	---	202	57	---	26	---	2340	---	13	5.1	---
TOTAL	3129.3	7699.8	3281	12164	20914	15816	6096.1	12450.8	24609	3059.5	224.3	55.09
MEAN	101	257	106	392	721	510	203	402	820	98.7	7.24	1.84
MAX	1850	2510	498	3820	4430	5960	1610	5400	6200	906	15	3.9
MIN	2.3	6.7	32	57	36	25	8.0	8.9	15	8.0	3.5	0.73
MED	5.4	19	66	163	227	74	37	31	280	29	6.3	1.7
CFSM	0.63	1.60	0.66	2.45	4.50	3.18	1.27	2.51	5.12	0.62	0.05	0.01
IN.	0.73	1.79	0.76	2.82	4.85	3.67	1.41	2.89	5.71	0.71	0.05	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	86.5	214	392	549	458	447	504	347	312	69.3	38.2	118
MAX	259	466	849	1193	930	732	1162	1107	820	234	110	724
(WY)	2003	2002	2002	1999	2003	2002	2000	2003	2004	2002	1998	2002
MIN	0.05	2.14	11.5	17.9	46.1	283	203	17.0	24.3	0.75	0.11	0.07
(WY)	2001	2000	2000	2000	2000	2003	2004	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	117524.93		109498.89			
ANNUAL MEAN	322		299		298	
HIGHEST ANNUAL MEAN					416	2002
LOWEST ANNUAL MEAN					131	2000
HIGHEST DAILY MEAN	8600	Apr 7	6200	Jun 25	13200	Jan 23 1999
LOWEST DAILY MEAN	0.87	Sep 20	0.73	Sep 30	0.000	Aug 30 2000
ANNUAL SEVEN-DAY MINIMUM	1.1	Sep 15	0.94	Sep 24	0.00	Aug 30 2000
MAXIMUM PEAK FLOW			8500	Mar 6	15900	Jan 23 1999
MAXIMUM PEAK STAGE			28.48	Mar 6	31.36	Jan 23 1999
ANNUAL RUNOFF (CFSM)	2.01		1.87		1.86	
ANNUAL RUNOFF (INCHES)	27.27		25.41		25.28	
10 PERCENT EXCEEDS	704		748		631	
50 PERCENT EXCEEDS	50		41		29	
90 PERCENT EXCEEDS	2.2		3.2		1.4	

e Estimated

07281977 YALOBUSHA RIVER AT DERMA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: May 1998 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: May 1998 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since May 1998.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
02...	0945	2.7	38	.28
09...	1455	2.5	42	.28
16...	1245	6.4	56	.97
20...	1130	4.6	48	.60
26...	0115	1910	5090	26200
26...	0500	3790	1700	17400
26...	0900	2520	1060	7210
26...	1200	1690	669	3050
26...	1205	1680	732	3320
30...	1140	56	52	7.9
NOV				
05...	1045	9.7	71	1.9
13...	1245	6.7	32	.58
17...	1100	21	80	4.5
24...	1355	568	399	612
27...	0630	2490	1890	12700
27...	1015	4370	1390	16400
27...	1415	3620	798	7800
27...	1815	2720	458	3360
27...	2215	2420	463	3030
28...	0200	2960	984	7860
28...	0600	2760	656	4890
DEC				
02...	1140	54	106	15
08...	1140	34	156	14
16...	1100	59	73	12
23...	1345	86	167	39
29...	1430	165	344	153
JAN				
07...	1130	100	72	19
18...	1015	2420	1160	7580
25...	0030	2400	1230	7970
25...	0415	3490	918	8650
25...	0815	4720	706	9000
25...	1215	5020	602	8160
25...	1615	3980	393	4220
25...	2015	2960	264	2110
28...	1335	190	99	51
FEB				
05...	0845	2590	1290	9020
05...	1230	6240	1160	19500
05...	1630	7620	1180	24300
05...	2030	7670	960	19900
06...	0030	6970	529	9960
06...	0430	5990	333	5390
06...	0830	4590	263	3260
06...	1330	3380	243	2220
06...	1630	3030	219	1790
06...	2030	2630	215	1530
15...	0630	2500	790	5330
15...	1015	3530	455	4340
15...	1415	3400	327	3000
15...	1815	2830	270	2060
19...	1040	127	49	17
MAR				
05...	2100	2870	1910	14800
06...	0045	8130	1800	39500
06...	0445	8320	1510	33900
06...	0845	7360	730	14500
06...	1245	6050	451	7370
06...	1645	4320	302	3520
06...	2045	3100	275	2300
07...	0045	2580	247	1720
09...	1410	187	96	48
16...	0330	2410	967	6290
16...	0715	2750	620	4600
APR				
01...	1300	24	44	2.9
12...	1200	2410	1620	10500
20...	1330	41	58	6.4
MAY				
13...	1050	11	68	2.0
15...	0145	2450	1780	11800
15...	0530	6170	1760	29300
15...	0930	6350	1160	19900
15...	1330	6580	882	15700
15...	1730	5870	530	8400
15...	2130	4470	314	3790
16...	0130	3300	226	2010
16...	0530	2680	195	1410
31...	0445	2480	2200	14700
31...	0830	3710	1520	15200
31...	1230	3220	923	8020
JUN				
01...	1420	701	186	352
17...	1530	2440	2100	13800
17...	1915	2440	1210	7970
23...	1440	442	912	1090
24...	1210	181	99	48
24...	2245	2400	1320	8550
25...	0230	4200	944	10700
25...	0630	6860	1170	21700
25...	1030	7500	1010	20500
25...	1430	7190	620	12000
25...	1830	6400	400	6910
25...	2230	4940	266	3550
26...	0230	3480	213	2000
26...	0630	2810	199	1510
29...	0930	2580	890	6200
29...	1315	4200	721	8180
29...	1715	3590	470	4560
29...	2115	3950	678	7230
30...	0115	3680	492	4890
30...	0515	2860	266	2050
JUL				
15...	1230	78	306	64
AUG				
04...	1040	6.6	48	.86
SEP				
01...	1225	4.0	48	.52
15...	1010	1.9	42	.22

07282000 YALOBUSHA RIVER AND TOPASHAW CREEK CANAL AT CALHOUN CITY, MS

LOCATION.--Lat 33°50'19", long 89°18'56", 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.--295 mi^2, combined drainage area of all channels.

PERIOD OF RECORD.--October 1950 to current year. Prior to October 1997, published as Yalobusha River at Calhoun City.

REVISED RECORDS.--WRD Miss. 1970: 1969(M). WDR MS-78-1: 1977(P). WDR MS-92: 1983-85. WDR MS-98-1: Drainage area. WRD MS-001: 1997.

GAGE.--Water-stage recorder. Datum of gage is 226.06 ft above NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Jan. 1, 1972, datum of gage was 10.00 ft higher. Prior to Nov. 15, 1950, nonrecording gage at site 75 ft downstream at same datum. Water-stage recorder on Topashaw Creek canal, 2.5 mi southwest of base gage. Prior to Aug. 16, 1963, nonrecording gage and crest-stage gage on Topashaw Creek Canal.

REMARKS.--Estimated daily discharges: Dec. 18-23, 27-29, Jan. 15-17, 23-24, 30-31 Feb. 1-4, 19-25, 29, Mar. 1, 10-15, 18-22, May 24-30, Jun. 7-13, 21-22, Jul. 13-14, 21-24 and Sept. 21-30. Records fair. Discharge computed by combining the flow of individually rated Yalobusha River and Topashaw Creek Canal. Channel rectification of both Yalobusha River and Topashaw Creek was completed in 1967. U. S. Army Corps of Engineers satellite telemeter at station.

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)
Feb. 5	1700	*15,300	*21.76	May 15	1500	11,200	21.68
Mar. 6	0400	14,100	21.25	Jun. 25	1200	13,000	22.01

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.5	66	217	252	97	255	58	64	1440	1370	21	9.2
2	6.0	54	107	467	88	1860	54	140	413	993	18	8.2
3	5.7	48	82	288	85	1070	50	95	541	529	16	8.0
4	5.5	45	171	199	77	379	45	68	1010	201	15	9.4
5	5.3	43	131	324	7990	1350	42	51	248	112	14	9.7
6	5.4	43	92	294	7050	8850	39	41	110	70	14	8.0
7	5.6	43	75	165	2200	2540	37	34	92	183	13	7.3
8	5.9	43	70	151	848	858	57	31	77	340	12	6.8
9	6.2	42	69	638	446	343	78	27	67	237	25	6.3
10	101	42	479	413	934	189	418	25	61	101	169	6.2
11	67	45	274	217	900	144	1430	23	54	49	29	6.0
12	37	48	126	156	2500	117	1960	21	51	36	46	5.8
13	24	51	108	134	1170	104	2350	59	47	30	17	6.0
14	19	52	179	128	575	94	1090	133	305	28	12	5.8
15	16	54	132	119	3800	857	430	9030	631	66	11	6.1
16	13	70	101	110	1910	1910	234	4110	723	40	11	7.1
17	12	108	89	258	786	720	160	1570	2680	72	10	7.2
18	13	556	77	2090	386	234	124	697	1290	170	10	6.9
19	13	329	70	1080	260	172	107	301	316	48	9.9	6.3
20	13	98	65	437	178	143	100	169	91	32	13	5.9
21	13	64	61	226	154	131	92	116	59	26	21	5.9
22	14	53	58	149	131	113	86	90	52	24	15	5.7
23	14	37	243	120	122	101	75	72	222	21	18	5.7
24	14	347	375	208	130	90	63	59	643	20	20	5.7
25	19	152	170	6200	195	82	52	56	9850	52	12	5.7
26	2170	59	113	2370	1300	81	253	53	4370	84	10	5.5
27	684	4120	95	876	579	82	142	52	2900	28	11	5.5
28	324	3440	88	362	223	72	86	44	2560	22	63	5.3
29	188	1360	343	193	163	60	63	43	3960	20	20	5.3
30	121	498	778	134	---	63	59	41	3280	18	16	5.2
31	85	---	333	111	---	61	---	3920	---	22	11	---
TOTAL	4026.1	12010	5371	18869	35277	23125	9834	21235	38143	5044	702.9	197.7
MEAN	130	400	173	609	1216	746	328	685	1271	163	22.7	6.59
MAX	2170	4120	778	6200	7990	8850	2350	9030	9850	1370	169	9.7
MIN	5.3	37	58	110	77	60	37	21	47	18	9.9	5.2
CFSM	0.44	1.36	0.59	2.06	4.12	2.53	1.11	2.32	4.31	0.55	0.08	0.02
IN.	0.51	1.51	0.68	2.38	4.45	2.92	1.24	2.68	4.81	0.64	0.09	0.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	55.3	279	635	732	860	977	813	475	266	112	54.7	76.1
MAX	622	2827	4402	2400	2409	3583	3418	3696	1815	948	335	1039
(WY)	1976	1958	1983	1974	1991	1980	1991	1991	1989	1979	1996	2002
MIN	0.15	0.99	3.59	11.5	66.1	83.2	15.9	7.45	0.38	1.26	0.80	0.00
(WY)	1954	1982	1966	1956	1963	1954	1986	1988	1988	1954	1951	1952

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	186397.9		173834.7			
ANNUAL MEAN	511		475		442	
HIGHEST ANNUAL MEAN					1171	1991
LOWEST ANNUAL MEAN					78.6	1986
HIGHEST DAILY MEAN	14000	Apr 7	9850	Jun 25	50800	Dec 26 1982
LOWEST DAILY MEAN	5.3	Sep 20	5.2	Sep 30	0.00	Jul 25 1952
ANNUAL SEVEN-DAY MINIMUM	5.6	Oct 2	5.5	Sep 24	0.00	Aug 28 1952
MAXIMUM PEAK FLOW			15300	Feb 5	70100	Dec 26 1982
MAXIMUM PEAK STAGE			21.76	Feb 5	25.75a	Dec 26 1982
ANNUAL RUNOFF (CFSM)	1.73		1.61		1.50	
ANNUAL RUNOFF (INCHES)	23.51		21.92		20.38	
10 PERCENT EXCEEDS	1090		1210		954	
50 PERCENT EXCEEDS	97		84		44	
90 PERCENT EXCEEDS	8.1		8.9		2.3	

a To present datum.

07282075 TOPASHAW CREEK CANAL NEAR HOHENLINDEN, MS

LOCATION.--Lat 33°45'29", long 89°10'43", in SE1/4 SE1/4 sec.22, T.15 S., R.1 E., Choctaw Meridian, Chickasaw County, Hydrologic Unit 08030205, at bridge on county road 2.5 mi west of Mississippi Highway 341 and 2.5 mi south of Atlanta.

DRAINAGE AREA.--42.1 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 296.19 ft above NGVD of 1929. Automatic pumping sediment sampler since January 2000.

REMARKS.--Estimated daily discharge: Oct. 05-14, May 14-17 and Jun. 13-14. Discharge records good except for estimated daily discharges, which are poor. Satellite telemeter at station. Channel rectification was completed in 1967.

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)
Feb. 5	1345	4,540	22.55	Mar. 5	2330	*4,960	*24.08

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.8	12	81	25	45	13	20	47	95	2.7	1.4
2	1.7	1.7	9.7	72	23	482	12	25	18	159	2.7	1.3
3	1.6	1.8	12	39	20	129	11	8.5	77	91	2.8	2.1
4	1.5	1.9	28	29	16	73	11	6.6	55	35	2.5	3.4
5	1.5	1.9	14	73	2010	819	10	6.0	17	23	2.6	1.9
6	1.6	1.9	11	35	396	1040	10	5.4	18	15	2.3	1.4
7	1.7	2.0	9.5	23	134	157	10	4.8	26	42	2.0	1.3
8	1.6	1.9	9.0	48	83	106	18	4.4	13	144	2.0	1.1
9	1.6	1.9	12	109	66	73	12	4.2	9.6	61	7.3	1.1
10	9.5	2.0	98	48	173	54	20	4.0	8.0	23	24	1.1
11	e4.0	2.0	24	32	180	43	43	3.9	7.5	12	3.7	0.99
12	e3.2	2.1	14	25	583	36	107	4.2	7.3	8.2	9.7	0.97
13	e2.6	2.1	18	20	138	32	199	4.8	e7.6	6.5	2.6	0.99
14	e2.1	2.1	19	18	130	30	63	e7.0	e8.0	5.5	2.1	1.0
15	1.7	2.2	13	16	748	170	32	e1000	14	4.8	1.9	1.1
16	1.6	9.7	11	14	163	97	21	e200	591	5.3	1.7	1.6
17	2.0	3.6	10	24	94	55	14	e50	309	7.5	1.7	2.2
18	2.0	50	9.8	131	66	39	11	26	87	6.4	1.7	1.4
19	1.7	13	9.0	52	53	31	9.5	18	34	4.5	1.7	1.2
20	1.6	3.9	8.5	31	41	28	9.5	13	20	4.0	2.0	1.1
21	1.6	2.5	8.4	23	32	32	7.7	9.5	15	3.6	4.1	1.0
22	1.6	2.2	8.8	19	27	24	6.7	7.9	11	3.4	2.7	1.0
23	1.6	2.4	84	16	28	21	6.3	6.7	32	3.2	2.8	1.1
24	1.6	34	41	143	28	19	5.8	6.3	52	3.0	6.5	1.0
25	1.6	4.4	20	847	155	17	5.6	5.9	936	3.1	3.0	1.0
26	29	3.1	14	151	225	16	110	5.6	131	3.3	1.9	1.0
27	2.7	609	13	78	74	15	12	5.4	484	3.3	1.9	1.1
28	2.1	278	12	53	45	14	6.8	5.7	348	3.1	35	1.0
29	1.8	36	121	43	33	14	5.6	6.8	393	2.8	3.6	0.98
30	1.7	18	78	35	---	14	17	5.6	185	2.9	2.1	1.00
31	1.7	---	35	29	---	14	---	594	---	3.0	1.6	---
TOTAL	93.4	1099.1	786.7	2357	5789	3739	819.5	2075.2	3961.0	787.4	144.9	38.83
MEAN	3.01	36.6	25.4	76.0	200	121	27.3	66.9	132	25.4	4.67	1.29
MAX	29	609	121	847	2010	1040	199	1000	936	159	35	3.4
MIN	1.5	1.7	8.4	14	16	14	5.6	3.9	7.3	2.8	1.6	0.97
MED	1.7	2.2	13	35	74	36	11	6.6	29	5.5	2.6	1.1
CFSM	0.07	0.87	0.60	1.81	4.74	2.86	0.65	1.59	3.14	0.60	0.11	0.03
IN.	0.08	0.97	0.70	2.08	5.12	3.30	0.72	1.83	3.50	0.70	0.13	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	12.3	43.3	80.3	121	129	121	103	66.0	59.8	16.4	7.24	17.7
MAX	36.1	103	157	231	251	219	243	243	132	28.8	26.9	111
(WY)	2003	2003	1999	1999	2003	2002	2000	2003	2004	2003	1998	2002
MIN	0.16	1.32	3.81	14.6	13.7	49.1	27.3	2.73	4.76	0.48	0.10	0.16
(WY)	2001	2000	2000	2000	2000	2000	2004	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	28294.0		21691.03			
ANNUAL MEAN	77.5		59.3		65.0	
HIGHEST ANNUAL MEAN					92.7	2003
LOWEST ANNUAL MEAN					27.5	2000
HIGHEST DAILY MEAN	1750	May 14	2010	Feb 5	2940	Apr 2 2000
LOWEST DAILY MEAN	1.5	Oct 4	0.97	Sep 12	0.000	Aug 17 2000
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 30	1.0	Sep 24	0.00	Aug 17 2000
MAXIMUM PEAK FLOW			4960	Mar 5	7680	Jun 27 1999
MAXIMUM PEAK STAGE			24.08	Mar 5	34.52	Jun 27 1999
ANNUAL RUNOFF (CFSM)	1.84		1.41		1.54	
ANNUAL RUNOFF (INCHES)	25.00		19.17		20.97	
10 PERCENT EXCEEDS	136		130		115	
50 PERCENT EXCEEDS	14		11		8.5	
90 PERCENT EXCEEDS	2.0		1.6		0.70	

e Estimated

07282075 TOPASHAW CREEK CANAL NEAR HOHENLINDEN, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: January 2000 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: January 2000 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since January 2000.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
02...	0835	1.7	48	.22
09...	1400	1.6	58	.25
15...	1410	1.7	54	.25
20...	1310	1.7	64	.29
26...	1030	16	138	6.0
30...	1200	1.7	52	.24
NOV				
05...	1200	2.0	62	.33
13...	1130	2.1	46	.26
17...	1230	3.4	81	.74
24...	1545	12	83	2.7
DEC				
02...	1500	9.0	50	1.2
08...	1315	9.0	56	1.4
16...	1335	11	51	1.5
23...	1215	199	802	431
29...	1300	138	619	231
JAN				
08...	1432	25	57	3.8
28...	1205	53	64	9.2
FEB				
05...	0745	2430	1110	7280
05...	0830	2610	920	6480
05...	0930	2520	799	5440
05...	1030	2490	719	4830
05...	1130	3120	931	7840
05...	1230	4070	1200	13200
05...	1330	4510	1300	15800
05...	1345	4540	1200	14700
FEB				
05...	1430	4500	931	11300
05...	1530	4250	757	8690
05...	1630	3780	600	6120
05...	1730	3170	493	4220
19...	1435	51	55	7.6
MAR				
05...	2030	2570	1560	10800
05...	2115	3570	1540	14800
05...	2215	4510	1580	19200
05...	2315	4960	1550	20800
06...	0015	4800	1370	17800
06...	0115	4310	1130	13100
06...	0315	2770	545	4080
09...	1230	72	94	18
31...	1305	13	32	1.1
APR				
20...	1210	9.0	34	.83
MAY				
12...	1010	4.1	56	.62
JUN				
01...	1230	40	71	7.7
23...	1005	17	42	1.9
JUL				
15...	1045	5.0	48	.65
AUG				
05...	1410	2.6	42	.29
SEP				
01...	1030	1.5	46	.19
14...	1340	1.1	100	.30

07282090 TOPASHAW CREEK CANAL NEAR DERMA, MS

LOCATION.--Lat 33°46'48", long 89°14'49", in NE1/4 NE1/4 sec.16, T.22 N., R.10 E., Choctaw Meridian, Calhoun County, Hydrologic Unit 08030205, on right bank at upstream side of bridge on county road, 5.8 mi south of Derma, 0.5 mi upstream from Bear Creek, and 1.4 mi below Buck Creek.

DRAINAGE AREA.--63 mi^2, approximately.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 245.67 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Nov. 5-7, 11-13, Jul. 4-7, 10-31, Aug. 1-6, 22-23, 25, 29-31 and Sept. 1-31. Discharge records fair except for estimated daily discharges, which are poor. Satellite telemeter at station. Flow intermingles with Bear Creek when stage is above bank full. Channel rectification was completed in 1967.

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)
Feb. 5	1515	5,850	24.43	Mar. 6	0030	*6,930	*26.09

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	3.3	30	85	32	96	21	39	84	114	e4.5	e2.0
2	1.6	3.1	21	87	30	561	18	58	40	153	e4.0	e1.8
3	1.6	3.0	23	51	30	189	16	29	111	121	e4.4	e3.0
4	1.6	2.8	56	40	26	115	14	20	89	e44	e3.6	e5.0
5	1.6	e2.7	35	88	2550	761	12	16	32	e28	e4.2	e3.2
6	1.7	e2.6	24	49	579	1860	13	13	29	e18	e3.9	e2.0
7	2.2	e2.6	20	36	187	224	12	11	43	e90	3.8	e1.8
8	2.0	2.5	17	56	118	140	28	9.4	24	161	3.5	e1.7
9	1.8	2.4	19	140	98	102	19	8.5	16	101	12	e1.6
10	26	2.4	145	63	237	79	48	7.9	11	e40	89	e1.5
11	11	e2.4	48	47	202	69	92	6.9	8.1	e15	12	e1.4
12	5.9	e2.5	33	39	721	60	178	7.6	6.1	e11	24	e1.3
13	4.5	e2.6	35	33	176	56	280	11	5.7	e9.2	6.5	e1.4
14	4.1	2.6	40	32	145	52	94	26	13	e7.8	4.3	e1.7
15	3.4	4.0	29	29	919	263	57	1430	28	e7.0	3.5	e2.0
16	3.1	28	25	24	212	143	43	220	653	e12	3.1	e2.9
17	4.2	25	21	57	124	79	32	86	700	e16	2.9	e3.6
18	5.4	179	18	202	94	63	27	50	145	e12	2.8	e2.3
19	3.6	71	15	76	81	52	23	34	64	e8.0	2.6	e1.4
20	3.5	29	13	51	72	46	24	27	43	e6.0	5.0	e1.3
21	3.0	16	11	42	65	53	20	16	36	e5.6	8.6	e1.2
22	2.7	11	11	36	58	43	18	12	29	e5.2	e4.0	e1.3
23	2.5	12	99	31	61	38	16	8.7	67	e4.8	e4.2	e1.4
24	2.6	105	64	133	62	34	15	6.5	77	e4.4	7.7	e1.3
25	2.8	36	38	1100	158	31	14	5.4	1430	e5.2	e5.4	e1.2
26	95	23	29	175	304	29	129	4.5	253	e6.0	3.7	e1.3
27	17	1100	24	80	112	26	37	4.2	571	e5.2	2.8	e1.4
28	7.5	482	20	56	79	24	21	3.7	494	e4.4	37	e1.3
29	5.0	69	142	49	67	23	15	5.2	519	e4.0	e7.0	e1.2
30	4.1	43	108	42	---	24	27	3.8	228	e4.4	e4.0	e1.3
31	3.6	---	50	37	---	23	---	851	---	e5.0	e3.2	---
TOTAL	236.2	2270.5	1263	3066	7599	5358	1363	3031.3	5848.9	1028.2	287.2	55.8
MEAN	7.62	75.7	40.7	98.9	262	173	45.4	97.8	195	33.2	9.26	1.86
MAX	95	1100	145	1100	2550	1860	280	1430	1430	161	89	5.0
MIN	1.6	2.4	11	24	26	23	12	3.7	5.7	4.0	2.6	1.2
MED	3.4	7.7	29	51	112	60	22	12	54	9.2	4.2	1.4
CFSM	0.12	1.20	0.65	1.57	4.16	2.74	0.72	1.55	3.09	0.53	0.15	0.03
IN.	0.14	1.34	0.75	1.81	4.49	3.16	0.80	1.79	3.45	0.61	0.17	0.03
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)												
MEAN	16.6	71.9	132	198	178	176	163	102	94.9	26.1	13.9	32.6
MAX	44.8	144	297	377	347	308	391	393	203	51.4	34.6	196
(WY)	2003	2003	2002	1999	2003	2002	2000	2003	1999	2003	1998	2002
MIN	0.36	3.32	7.57	20.6	20.0	87.7	45.4	7.07	9.11	1.11	0.44	0.31
(WY)	2001	2000	2000	2000	2000	2000	2004	2000	2002	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	45507.5		31407.1			
ANNUAL MEAN	125		85.8		101	
HIGHEST ANNUAL MEAN					143	2003
LOWEST ANNUAL MEAN					45.7	2000
HIGHEST DAILY MEAN	3210	Apr 7	2550	Feb 5	5070	Jan 24 2002
LOWEST DAILY MEAN	1.6	Sep 30	1.2	Sep 21	0.000	Aug 22 2000
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 29	1.3	Sep 20	0.00	Aug 22 2000
MAXIMUM PEAK FLOW			6930	Mar 6	11000	Jun 27 1999
MAXIMUM PEAK STAGE			26.09	Mar 6	31.14	Jun 27 1999
ANNUAL RUNOFF (CFSM)	1.98		1.36		1.61	
ANNUAL RUNOFF (INCHES)	26.87		18.55		21.82	
10 PERCENT EXCEEDS	244		159		162	
50 PERCENT EXCEEDS	37		23		15	
90 PERCENT EXCEEDS	2.9		2.4		1.4	

e Estimated

07282090 TOPASHAW CREEK CANAL NEAR DERMA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: May 1998 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: May 1998 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since March 2002.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					FEB				
02...	0900	1.7	38	.17	15...	0430	1290	836	2910
09...	1420	1.8	40	.19	15...	0730	1510	703	2870
15...	1540	3.1	50	.42	15...	1015	1320	450	1600
20...	1230	3.3	60	.53	19...	1600	79	120	26
26...	1110	94	480	122	MAR				
30...	1230	4.3	37	.43	05...	2030	1340	2250	8140
NOV					05...	2330	6060	3810	62300
05...	1130	2.7	58	.42	06...	0215	6040	8250	135000
13...	1200	2.9	38	.30	06...	0515	3270	3900	34400
17...	1155	23	76	4.7	06...	0815	1340	1360	4920
24...	1510	79	308	66	09...	1315	100	122	33
27...	0500	1410	3660	13900	31...	1545	22	35	2.1
27...	0745	3660	3050	30100	APR				
27...	1045	1980	2070	11100	20...	1245	22	36	2.1
28...	0015	1250	1500	5060	MAY				
DEC					12...	1250	7.6	74	1.5
02...	1620	20	56	3.0	15...	0215	1330	1240	4450
08...	1240	18	48	2.3	15...	0500	2210	2730	16300
16...	1310	25	52	3.5	15...	0800	1260	1470	5000
23...	1245	204	1470	810	15...	1100	1500	513	2080
29...	1330	113	1340	409	15...	1400	1890	932	4760
JAN					15...	1700	1710	1140	5260
08...	1155	34	85	7.8	31...	0300	1270	2030	6960
25...	0030	1180	1760	5610	31...	0545	1820	3160	15500
25...	0615	1220	1000	3290	31...	0845	1610	1420	6170
25...	0900	2010	1040	5640	JUN				
25...	1200	1670	1140	5140	01...	1300	73	108	21
28...	1245	54	144	21	23...	1150	84	517	117
FEB					JUL				
05...	0730	1430	1740	6720	15...	1110	16	34	1.5
05...	1000	2730	1880	13900	AUG				
05...	1300	4630	1950	24400	05...	1100	6.4	33	.57
05...	1600	5640	3160	48100	SEP				
05...	1900	3990	3190	34400	01...	1100	6.4	34	.59
05...	2200	2070	1470	8220	14...	1510	3.6	37	.36

07282097 BEAR CREEK CANAL NEAR DERMA, MS

LOCATION.--Lat 33°47'10", long 89°15'03", in NW1/4 NE1/4 SE1/4 sec.9, T.22 N., R.10 E., Choctaw Meridian, Calhoun County, Hydrologic Unit 08030205, on the right bank at downstream side of bridge on county road, 5.4 mi south of Derma.

DRAINAGE AREA.--21 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 297.00 ft above NGVD of 1929.

REMARKS.--June to September 1999: Estimated daily discharges: Jun. 27,28, Aug. 31 - Sept.16 and Sept. 30,31. Records fair except for estimated daily discharges, which are poor.

Water year 2000: Estimated daily discharges: Oct. 1-5, Jan. 5,24-26, Apr. 2,3, Jul. 25 and Aug. 10-30. Records fair expect for estimated daily discharges, which are poor.

Water year 2001: Estimated daily discharges: Dec. 20,22-27, Jan. 1-6,10,18,19, Feb. 2-4,12,13,16,17, Apr. 15, Aug. 14,21-30 and Sept. 1,4,5,8-20. Records fair expect for estimated daily discharges, which are poor.

Water year 2002: Estimated daily discharges: Nov. 29,30, Dec. 13,14, Jan. 24,25, Mar. 20,21,31, Apr. 30 - May 2 and Sept. 11-18, 26,27. Records fair expect for estimated daily discharges, which are poor.

Water year 2003: Estimated daily discharges: Nov. 5,6,12-14,16-20, Dec. 23,24, Jan. 18,19,26-28, Feb. 21,22,27, Apr. 6,7,10-23,26-29, May 5-8,14, Jun. 11,12 and Jul. 5,6. Records fair expect for estimated daily discharges, which are poor.

Water year 2004: Estimated daily discharges: Oct. 26,27, Nov. 27,28, Dec. 12-16, Feb. 5,6, Mar. 5,6, May 15,31, Jun. 16,17,25 and Aug. 28 - Sept. 30. Records fair expect for estimated daily discharges, which are poor.

A stage-fall rating is used during periods of backwater caused by Topashaw Creek, which is 0.48 miles downstream of gage. Most significant events are affected by backwater. Daily discharges for backwater events are considered estimated. Satellite telemeter at station.

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

Date	Time	Discharge (ft3/s)	Gage Height (ft)	Date	Time	Dischage (ft3/s)	Gage Height (ft)
Jun. 27, 1999	1545	3,460	29.18	Apr. 8, 2002	2115	3,030	15.61
Mar. 19, 2000	0800	2,310	14.73	Sep. 26, 2002	1445	*6,510a	28.01
Apr. 3, 2000	1100	*4,600a	*28.23	Nov. 5, 2002	1115	3,030a	23.25
Jan. 19, 2001	0900	*4,140a	*26.40	Feb. 22, 2003	0145	2,530a	22.20
Feb. 16, 2001	1645	3,060a	22.39	Apr. 6, 2003	2345	5,480a	*28.59
Apr. 15, 2001	0530	3,520	23.93	May 6, 2003	0015	4,020a	25.38
Oct. 13, 2001	1730	3,800	16.39	May 7, 2003	1300	*6,040a	27.21
Nov. 29, 2001	1500	5,040a	27.09	May 14, 2003	1215	4,300a	25.50
Dec. 13, 2001	1900	4,560a	28.62	Jul. 5, 2003	2245	2,000a	19.09
Dec. 23, 2001	0515	2,630	15.14	Nov. 27, 2003	0700	2,640a	19.86
Jan. 24, 2002	1245	5,660a	*28.66	Feb. 5, 2004	1400	2,130a	22.47
Mar. 31, 2002	0900	2,160a	19.70	Mar. 6, 2004	0015	*3,300a	*24.63

a Adjusted for backwater.

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	13	0.99	e0.025
2	---	---	---	---	---	---	---	---	---	6.4	0.58	e0.025
3	---	---	---	---	---	---	---	---	---	3.9	0.41	e0.025
4	---	---	---	---	---	---	---	---	---	2.7	0.31	e0.025
5	---	---	---	---	---	---	---	---	---	2.3	0.25	e0.025
6	---	---	---	---	---	---	---	---	---	1.9	0.26	e0.025
7	---	---	---	---	---	---	---	---	---	1.6	0.32	e0.025
8	---	---	---	---	---	---	---	---	---	3.6	0.31	e1.2
9	---	---	---	---	---	---	---	---	---	3.6	0.28	e1.2
10	---	---	---	---	---	---	---	---	0.15	3.4	0.40	e0.030
11	---	---	---	---	---	---	---	---	0.14	28	0.36	e0.014
12	---	---	---	---	---	---	---	---	46	15	0.17	e0.008
13	---	---	---	---	---	---	---	---	5.2	2.9	0.16	e0.006
14	---	---	---	---	---	---	---	---	118	1.3	0.14	e0.005
15	---	---	---	---	---	---	---	---	59	0.88	0.11	e0.005
16	---	---	---	---	---	---	---	---	5.9	1.1	0.12	e0.004
17	---	---	---	---	---	---	---	---	1.7	1.1	0.13	0.004
18	---	---	---	---	---	---	---	---	0.72	1.2	0.14	0.005
19	---	---	---	---	---	---	---	---	1.5	1.5	0.12	0.006
20	---	---	---	---	---	---	---	---	1.9	1.9	0.094	0.007
21	---	---	---	---	---	---	---	---	1.9	2.1	0.10	0.006
22	---	---	---	---	---	---	---	---	2.0	1.5	0.12	0.005
23	---	---	---	---	---	---	---	---	35	1.2	0.11	0.004
24	---	---	---	---	---	---	---	---	25	0.95	43	0.004
25	---	---	---	---	---	---	---	---	35	0.85	1.3	4.0
26	---	---	---	---	---	---	---	---	62	69	0.083	0.004
27	---	---	---	---	---	---	---	---	e1550	11	0.045	0.006
28	---	---	---	---	---	---	---	---	e137	1.8	0.034	0.12
29	---	---	---	---	---	---	---	---	25	1.1	0.029	e0.40
30	---	---	---	---	---	---	---	---	59	0.81	0.027	e0.070
31	---	---	---	---	---	---	---	---	---	0.63	e0.025	---
TOTAL	---	---	---	---	---	---	---	---	---	188.22	50.527	7.288
MEAN	---	---	---	---	---	---	---	---	---	6.07	1.63	0.24
MAX	---	---	---	---	---	---	---	---	---	69	43	4.0
MIN	---	---	---	---	---	---	---	---	---	0.63	0.025	0.004
MED	---	---	---	---	---	---	---	---	---	1.9	0.14	0.011
CFSM	---	---	---	---	---	---	---	---	---	0.30	0.08	0.01
IN.	---	---	---	---	---	---	---	---	---	0.34	0.09	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	6.07	1.63	0.24
MAX	---	---	---	---	---	---	---	---	---	6.07	1.63	0.24
(WY)	---	---	---	---	---	---	---	---	---	1999	1999	1999
MIN	---	---	---	---	---	---	---	---	---	6.07	1.63	0.24
(WY)	---	---	---	---	---	---	---	---	---	1999	1999	1999

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.040	0.28	0.087	0.53	6.9	2.0	56	1.9	0.30	0.093	0.041	0.000
2	e0.030	0.13	0.088	0.58	4.2	1.1	e1630	1.7	0.31	0.057	0.028	0.000
3	e0.030	0.10	0.13	0.74	2.9	0.81	e1840	2.3	4.2	0.062	0.017	0.000
4	e0.030	0.089	0.14	1.6	2.0	0.69	183	2.5	0.57	0.10	0.015	0.000
5	e0.026	0.080	0.19	e0.82	1.2	0.53	58	1.4	1.5	0.073	0.013	0.000
6	0.022	0.066	0.19	0.50	1.0	0.48	38	1.3	0.36	0.070	0.010	0.000
7	0.023	0.062	0.14	0.35	0.92	0.59	30	0.97	0.21	0.064	0.006	0.000
8	0.032	0.062	0.12	0.34	0.79	1.1	84	0.76	0.18	0.057	0.005	0.002
9	0.23	0.053	0.16	16	0.70	1.4	34	0.65	0.16	0.053	0.004	0.002
10	0.095	0.052	0.31	3.7	0.64	21	27	0.63	0.12	0.051	e0.004	0.002
11	0.064	0.052	0.20	1.3	0.58	73	24	0.58	0.15	0.053	e0.004	0.002
12	0.046	0.068	15	0.79	0.55	19	24	0.58	0.090	0.046	e0.004	0.005
13	0.041	0.064	25	9.4	1.5	8.6	380	0.42	0.085	0.065	e0.003	0.003
14	0.039	0.058	3.8	1.7	10	4.7	67	0.34	0.080	0.070	e0.003	0.003
15	0.034	0.055	1.5	0.78	2.7	2.9	39	0.28	0.078	0.043	e0.003	0.003
16	0.035	0.052	1.0	0.62	1.7	3.8	28	0.29	1.9	0.039	e0.002	0.002
17	0.032	0.054	0.81	0.58	1.4	3.6	21	0.26	19	0.041	e0.002	0.002
18	0.031	0.059	0.70	0.57	1.6	2.0	16	0.27	23	0.053	e0.002	0.003
19	0.038	0.067	0.66	0.75	3.3	651	13	0.25	2.4	0.054	e0.001	0.003
20	0.039	0.16	0.63	0.93	2.0	80	11	0.38	0.15	0.041	e0.001	0.003
21	0.038	0.13	0.94	0.59	1.5	32	8.9	0.37	0.30	0.031	e0.000	0.005
22	0.037	0.12	1.0	0.70	1.1	19	8.0	0.28	59	0.030	e0.000	0.003
23	0.036	0.10	0.88	3.7	0.97	12	7.3	0.29	1.9	0.030	e0.000	0.004
24	0.044	0.20	0.73	e2.2	0.88	8.7	11	0.30	0.40	0.029	e0.000	0.006
25	0.043	0.19	0.62	e1.2	0.80	8.0	6.8	0.29	0.17	e0.026	e0.000	0.006
26	0.049	0.14	0.56	e0.73	3.8	14	4.7	1.9	0.089	0.026	e0.000	0.004
27	0.045	0.13	0.53	0.52	50	e17	3.8	0.45	0.059	0.028	e0.000	0.003
28	0.052	0.11	0.50	7.5	9.1	9.7	3.6	0.70	0.050	0.026	e0.000	0.002
29	0.047	0.11	0.49	48	3.8	9.0	2.8	0.40	14	0.025	e0.000	0.003
30	0.054	0.092	0.49	23	---	7.8	2.2	0.33	0.29	0.12	e0.000	0.003
31	0.068	---	0.50	13	---	4.9	---	0.29	---	0.040	0.000	---
TOTAL	1.470	2.985	58.095	143.72	118.53	1020.40	4662.1	23.36	131.101	1.596	0.168	0.074
MEAN	0.05	0.10	1.87	4.64	4.09	32.9	155	0.75	4.37	0.05	0.01	0.00
MAX	0.23	0.28	25	48	50	651	1840	2.5	59	0.12	0.041	0.006
MIN	0.022	0.052	0.087	0.34	0.55	0.48	2.2	0.25	0.050	0.025	0.000	0.000
MED	0.039	0.085	0.53	0.79	1.5	7.8	24	0.42	0.30	0.051	0.002	0.003
CFSM	0.00	0.00	0.09	0.23	0.20	1.60	7.58	0.04	0.21	0.00	0.00	0.00
IN.	0.00	0.01	0.11	0.26	0.21	1.85	8.46	0.04	0.24	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

MEAN	0.05	0.10	1.87	4.64	4.09	32.9	155	0.75	4.37	3.06	0.82	0.12
MAX	0.05	0.10	1.87	4.64	4.09	32.9	155	0.75	4.37	6.07	1.63	0.24
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999
MIN	0.05	0.10	1.87	4.64	4.09	32.9	155	0.75	4.37	0.05	0.00	0.00
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL	6163.550			
ANNUAL MEAN	16.8		16.8	
HIGHEST ANNUAL MEAN			16.8	2000
LOWEST ANNUAL MEAN			16.8	2000
HIGHEST DAILY MEAN	1840	Apr 3	1840	Apr 3 2000
LOWEST DAILY MEAN	0.000	Aug 9	0.000	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 9	0.00	Aug 9 2000
MAXIMUM PEAK FLOW	4600	Apr 3	4600	Apr 6 2000
MAXIMUM PEAK STAGE	28.23	Apr 3	29.18	Jun 27 1999
ANNUAL RUNOFF (CFSM)	0.821		0.821	
ANNUAL RUNOFF (INCHES)	11.18		11.16	
10 PERCENT EXCEEDS	14		14	
50 PERCENT EXCEEDS	0.29		0.29	
90 PERCENT EXCEEDS	0.00		0.00	

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.003	0.004	0.56	e7.0	17	53	7.9	2.4	86	0.48	0.31	e2.2
2	0.002	0.006	0.46	e4.9	e14	93	6.1	2.6	17	0.36	0.28	30
3	0.001	0.008	0.36	e4.7	e11	283	6.2	1.7	7.5	0.27	0.55	9.5
4	0.001	0.014	0.29	e4.6	e10	129	13	1.5	14	0.27	0.91	e1.5
5	0.001	0.014	0.28	e4.5	8.4	49	13	1.5	60	0.25	0.20	e0.60
6	0.002	0.017	0.35	e4.4	7.5	32	8.5	1.5	26	0.16	0.19	149
7	0.001	0.028	0.37	16	6.7	23	5.8	1.2	106	0.11	0.81	11
8	0.001	85	0.40	28	6.2	18	4.8	1.6	29	0.072	0.64	e0.18
9	0.001	124	0.41	13	13	15	3.8	1.5	9.2	0.11	36	e0.080
10	0.001	0.54	0.42	e8.3	21	12	3.0	1.0	3.6	0.12	7.0	e0.045
11	0.001	0.17	0.45	29	12	9.7	2.2	0.87	1.9	0.14	1.9	e0.031
12	0.001	0.16	0.47	34	e639	470	25	0.72	1.4	1.2	0.51	e0.022
13	0.001	0.11	65	19	e348	79	54	0.61	0.95	1.1	23	e0.018
14	0.001	0.13	40	29	92	48	38	0.52	0.73	0.32	e3.3	e0.014
15	0.002	0.16	290	22	55	424	e984	0.46	0.59	0.23	0.53	e0.012
16	0.002	0.74	223	14	e709	61	75	0.36	0.47	0.23	0.27	e0.010
17	0.002	0.37	52	49	e168	35	36	0.32	0.35	0.24	0.20	e0.010
18	0.002	0.46	25	e1170	68	26	24	0.31	0.30	0.20	0.95	e0.009
19	0.002	0.54	16	e2110	48	21	19	0.30	0.27	0.17	11	e0.008
20	0.002	0.41	e15	102	37	45	13	0.32	0.23	0.15	5.3	e0.008
21	0.002	0.40	12	51	32	43	11	0.93	0.21	6.8	e0.52	0.009
22	0.002	0.36	e9.5	36	28	26	8.2	1.8	3.3	0.48	e0.32	0.011
23	0.002	0.85	e9.0	27	24	20	7.8	0.58	0.75	0.15	e0.52	0.012
24	0.002	276	e7.5	21	22	15	66	0.90	0.31	0.11	e0.37	0.015
25	0.002	39	e7.0	17	35	9.6	21	0.64	0.24	0.10	e0.39	0.013
26	0.002	5.5	e6.5	15	23	7.9	12	0.36	0.21	0.10	e0.51	0.011
27	0.002	1.4	e150	13	198	7.0	8.4	0.30	52	0.11	e0.56	0.012
28	0.002	0.67	35	11	157	6.4	6.1	0.41	14	0.13	e0.81	0.013
29	0.002	0.72	18	78	---	6.5	4.4	1.4	4.7	0.15	e1.4	0.013
30	0.003	0.51	12	69	---	11	2.9	0.58	0.83	0.19	e1.2	0.014
31	0.003	---	9.0	28	---	8.9	---	25	---	0.18	6.5	---
TOTAL	0.054	538.291	1006.32	4039.4	2809.8	2087.0	1490.1	54.19	442.04	14.682	106.95	204.370
MEAN	0.00	17.9	32.5	130	100	67.3	49.7	1.75	14.7	0.47	3.45	6.81
MAX	0.003	276	290	2110	709	470	984	25	106	6.8	36	149
MIN	0.001	0.004	0.28	4.4	6.2	6.4	2.2	0.30	0.21	0.072	0.19	0.008
MED	0.002	0.40	9.0	21	26	26	9.5	0.87	1.6	0.18	0.56	0.014
CFSM	0.00	0.87	1.58	6.35	4.89	3.28	2.42	0.09	0.72	0.02	0.17	0.33
IN.	0.00	0.98	1.83	7.33	5.10	3.79	2.70	0.10	0.80	0.03	0.19	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

MEAN	0.02	9.02	17.2	67.5	51.4	50.1	103	1.25	9.55	2.20	1.69	2.35
MAX	0.05	17.9	32.5	130	100	67.3	155	1.75	14.7	6.07	3.45	6.81
(WY)	2000	2001	2001	2001	2001	2001	2000	2001	2001	1999	2001	2001
MIN	0.00	0.10	1.87	4.64	4.09	32.9	49.7	0.75	4.37	0.05	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2000	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1999 - 2001	
ANNUAL TOTAL	7645.610		12793.120			
ANNUAL MEAN	20.9		35.0		25.9	
HIGHEST ANNUAL MEAN					35.0	2001
LOWEST ANNUAL MEAN					16.8	2000
HIGHEST DAILY MEAN	1840	Apr 3	2110	Jan 19	2110	Jan 19 2001
LOWEST DAILY MEAN	0.000	Aug 9	0.000	Oct 1	0.000	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 9	0.00	Oct 1	0.00	Aug 9 2000
MAXIMUM PEAK FLOW			4140	Jan 19	4600	Apr 6 2000
MAXIMUM PEAK STAGE			26.40	Jan 19	29.18	Jun 27 1999
ANNUAL RUNOFF (CFSM)	1.02		1.71		1.26	
ANNUAL RUNOFF (INCHES)	13.87		23.20		17.18	
10 PERCENT EXCEEDS	23		53		34	
50 PERCENT EXCEEDS	0.41		1.5		0.57	
90 PERCENT EXCEEDS	0.00		0.01		0.00	

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.015	0.17	23	6.3	33	7.6	92	e1.6	0.77	0.35	0.88	0.028
2	0.016	0.17	13	5.9	15	7.8	43	e1.6	0.68	34	0.24	0.024
3	0.016	0.17	6.6	5.5	12	6.4	26	74	0.59	45	0.18	0.021
4	0.022	0.18	3.4	4.7	9.4	5.3	18	208	0.52	2.0	0.14	0.018
5	0.026	0.18	2.1	5.0	6.7	5.5	14	25	0.48	0.72	0.13	0.016
6	0.043	0.19	1.7	52	252	5.5	11	11	0.46	0.44	0.095	0.013
7	0.032	0.18	1.8	40	76	6.5	9.1	5.1	0.41	0.30	0.093	0.012
8	0.025	0.18	3.1	19	42	6.7	627	2.8	0.39	0.22	0.091	0.013
9	0.026	0.18	2.5	14	33	21	210	5.6	0.41	0.19	0.090	0.013
10	0.026	0.17	1.5	11	28	14	40	208	3.8	0.17	0.090	0.012
11	2.0	0.18	1.1	9.6	24	11	25	49	1.9	0.15	0.089	e0.011
12	1.6	0.18	15	7.9	21	181	18	27	0.53	105	0.085	e0.011
13	589	0.16	e1480	5.7	18	58	14	86	0.39	22	0.083	e0.010
14	46	0.16	e1040	4.7	16	32	11	29	0.34	48	0.082	e0.012
15	4.7	0.15	53	3.4	14	21	9.4	14	0.35	35	25	e0.011
16	1.2	0.15	30	3.0	13	428	7.7	8.1	0.31	5.2	28	e0.10
17	0.62	0.15	162	2.9	12	204	6.4	12	0.31	2.5	2.3	e0.030
18	0.45	0.14	44	3.3	11	251	5.4	15	0.25	1.7	0.55	e0.015
19	0.39	0.16	19	25	10	47	4.5	5.4	0.29	1.3	0.31	0.014
20	0.34	0.16	9.0	16	130	e409	3.7	4.0	0.22	1.0	0.22	0.014
21	0.31	0.15	5.6	9.4	33	e239	3.1	2.7	0.15	5.7	0.15	28
22	0.28	0.16	4.0	40	21	45	4.1	2.1	0.17	26	0.13	0.26
23	0.27	0.17	527	337	16	28	3.1	1.8	3.7	26	55	0.068
24	0.26	1.8	43	e2110	13	20	2.7	1.4	28	120	16	0.019
25	0.27	0.53	24	e296	10	19	5.4	1.3	14	25	17	38
26	0.21	0.25	17	56	15	48	13	1.2	17	14	1.4	e3130
27	0.17	33	13	36	9.4	30	16	1.1	10	3.5	0.18	e491
28	0.16	16	11	27	8.1	21	7.7	1.3	3.8	1.4	0.086	22
29	0.16	e1940	9.6	23	---	16	4.7	2.0	0.74	0.70	0.055	11
30	0.16	e88	7.8	19	---	636	e2.5	1.2	0.43	0.50	0.044	7.1
31	0.16	---	7.1	16	---	e862	---	0.92	---	6.9	0.035	---
TOTAL	648.957	2083.42	3580.9	3214.3	901.6	3692.3	1257.5	809.22	91.39	534.94	148.828	3727.845
MEAN	20.9	69.4	116	104	32.2	119	41.9	26.1	3.05	17.3	4.80	124
MAX	589	1940	1480	2110	252	862	627	208	28	120	55	3130
MIN	0.015	0.14	1.1	2.9	6.7	5.3	2.5	0.92	0.15	0.15	0.035	0.010
MED	0.21	0.17	11	14	16	21	10	5.1	0.47	2.5	0.14	0.019
CFSM	1.02	3.39	5.63	5.06	1.57	5.81	2.04	1.27	0.15	0.84	0.23	6.06
IN.	1.18	3.78	6.49	5.83	1.64	6.70	2.28	1.47	0.17	0.97	0.27	6.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

MEAN	6.99	29.2	49.9	79.5	45.1	73.1	82.3	9.54	7.38	5.96	2.47	32.8
MAX	20.9	69.4	116	130	100	119	155	26.1	14.7	17.3	4.80	124
(WY)	2002	2002	2002	2001	2001	2002	2000	2002	2001	2002	2002	2002
MIN	0.00	0.10	1.87	4.64	4.09	32.9	41.9	0.75	3.05	0.05	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2000	2002	2000	2002	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1999 - 2002
ANNUAL TOTAL	17561.800	20691.170	
ANNUAL MEAN	48.1	56.7	36.2
HIGHEST ANNUAL MEAN			56.7 2002
LOWEST ANNUAL MEAN			16.8 2000
HIGHEST DAILY MEAN	2110 Jan 19	3130 Sep 26	3130 Sep 26 2002
LOWEST DAILY MEAN	0.010 Sep 14	0.010 Sep 6	0.000 Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	0.01 Sep 14	0.01 Sep 6	0.00 Aug 9 2000
MAXIMUM PEAK FLOW		6510 Sep 26	6510 Sep 26 2002
MAXIMUM PEAK STAGE		28.66 Jan 24	29.18 Jun 27 1999
ANNUAL RUNOFF (CFSM)	2.35	2.76	1.76
ANNUAL RUNOFF (INCHES)	31.85	37.53	23.96
10 PERCENT EXCEEDS	53	52	40
50 PERCENT EXCEEDS	2.2	4.7	0.92
90 PERCENT EXCEEDS	0.11	0.08	0.01

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	1.1	1.6	181	23	45	9.2	1.6	7.4	8.9	2.2	0.50
2	3.0	0.69	1.5	54	19	35	6.9	1.3	27	5.2	72	0.59
3	2.4	247	1.4	39	29	29	6.2	1.6	61	3.5	22	9.5
4	187	75	193	33	96	26	5.8	1.1	17	2.7	5.6	1.2
5	16	e1090	98	30	27	25	5.7	e473	11	e237	32	0.53
6	3.4	e80	28	25	528	112	e722	e851	113	e317	18	0.40
7	5.8	38	17	24	119	37	e1560	e1580	81	61	28	0.36
8	2.2	28	11	23	39	28	58	e119	29	26	4.8	0.33
9	1.1	21	8.3	21	33	24	30	48	19	18	2.4	0.32
10	3.9	16	25	19	62	20	e21	33	15	63	1.6	0.30
11	10	16	17	17	31	19	e19	127	e233	32	1.2	0.30
12	2.3	e11	10	16	23	17	e15	38	e545	11	4.2	0.28
13	0.96	e8.0	69	16	18	19	e12	21	69	7.2	1.8	1.2
14	0.69	e6.4	28	15	25	19	e11	e1360	40	5.6	1.2	1.6
15	0.66	32	14	15	211	16	e9.9	122	31	4.2	0.87	0.40
16	0.59	e18	8.2	16	142	15	e8.9	41	23	2.9	0.72	0.30
17	0.41	e9.6	5.2	15	39	25	e8.0	450	63	2.9	0.63	0.27
18	0.29	e7.0	3.2	e14	25	21	e6.9	157	74	2.4	0.57	0.26
19	0.37	e5.6	74	e13	18	154	e6.0	84	32	1.9	0.51	0.31
20	18	e4.7	40	13	16	38	e5.4	49	20	1.6	0.50	0.28
21	10	4.0	15	16	e330	25	e4.9	45	14	1.4	0.77	0.49
22	1.5	3.2	8.7	18	e706	21	e4.5	39	10	1.2	0.49	52
23	0.71	2.7	e16	13	64	17	e4.1	30	8.3	1.3	0.47	4.4
24	0.52	2.7	e619	76	37	15	17	25	6.5	0.91	0.43	1.3
25	0.44	2.6	51	12	37	12	41	22	5.0	0.77	0.40	0.71
26	0.41	2.6	27	e12	198	17	e13	20	4.6	0.67	0.39	0.61
27	0.39	2.9	20	e11	e508	15	e6.8	17	10	0.61	0.42	0.59
28	22	2.2	16	e11	65	12	e4.1	14	5.7	0.61	0.51	0.58
29	39	2.0	13	114	---	15	e2.9	12	4.0	0.61	0.42	0.47
30	11	1.9	11	56	---	10	2.2	10	11	30	0.39	0.42
31	2.5	---	123	30	---	13	---	8.9	---	7.6	0.41	---
TOTAL	352.24	1741.89	1573.1	968	3468	896	2627.4	5801.5	1589.5	859.68	205.90	80.80
MEAN	11.4	58.1	50.7	31.2	124	28.9	87.6	187	53.0	27.7	6.64	2.69
MAX	187	1090	619	181	706	154	1560	1580	545	317	72	52
MIN	0.29	0.69	1.4	11	16	10	2.2	1.1	4.0	0.61	0.39	0.26
MED	2.3	6.7	16	17	38	20	8.4	38	20	3.5	0.77	0.48
CFSM	0.55	2.83	2.47	1.52	6.04	1.41	4.27	9.12	2.58	1.35	0.32	0.13
IN.	0.64	3.16	2.85	1.76	6.29	1.63	4.77	10.52	2.88	1.56	0.37	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

MEAN	8.09	36.4	50.1	67.5	64.6	62.1	83.6	53.9	18.8	10.3	3.31	26.8
MAX	20.9	69.4	116	130	124	119	155	187	53.0	27.7	6.64	124
(WY)	2002	2002	2002	2001	2003	2002	2000	2003	2003	2003	2003	2002
MIN	0.00	0.10	1.87	4.64	4.09	28.9	41.9	0.75	3.05	0.05	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2003	2002	2000	2002	2000	2000	2000

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1999 - 2003	
ANNUAL TOTAL	18045.110		20164.01			
ANNUAL MEAN	49.4		55.2		40.9	
HIGHEST ANNUAL MEAN					56.7	2002
LOWEST ANNUAL MEAN					16.8	2000
HIGHEST DAILY MEAN	3130	Sep 26	1580	May 7	3130	Sep 26 2002
LOWEST DAILY MEAN	0.010	Sep 6	0.26	Sep 18	0.000	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	0.01	Sep 6	0.33	Sep 6	0.00	Aug 9 2000
MAXIMUM PEAK FLOW			6040	May 7	6510	Sep 26 2002
MAXIMUM PEAK STAGE			28.59	Apr 6	29.18	Jun 27 1999
ANNUAL RUNOFF (CFSM)	2.41		2.69		2.00	
ANNUAL RUNOFF (INCHES)	32.73		36.57		27.12	
10 PERCENT EXCEEDS	62		89		51	
50 PERCENT EXCEEDS	6.7		13		2.4	
90 PERCENT EXCEEDS	0.13		0.53		0.03	

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.41	0.45	8.9	27	11	27	5.3	4.5	26	40	1.4	e0.59
2	0.32	0.37	6.9	31	9.8	164	3.9	8.9	11	30	0.85	e0.35
3	0.25	0.34	7.6	20	8.6	46	3.7	2.9	20	22	0.68	e0.26
4	0.25	0.33	15	16	7.0	27	3.1	1.9	15	15	0.60	e1.2
5	0.28	0.35	8.6	36	e837	e349	2.7	1.5	5.9	11	0.56	e0.62
6	0.34	1.3	6.5	18	e114	e602	2.6	1.2	3.7	10	0.50	e0.36
7	0.43	0.47	5.2	13	44	58	2.6	1.1	4.1	31	0.43	e0.20
8	0.48	0.29	4.7	25	29	38	5.9	0.82	2.1	23	0.41	e0.14
9	0.47	0.24	5.4	48	23	29	3.3	0.85	1.5	13	0.85	e0.10
10	13	0.24	47	22	71	23	72	0.87	1.1	7.9	11	e0.072
11	1.5	0.25	13	15	57	21	92	0.84	0.89	5.5	1.1	e0.052
12	0.68	0.26	e9.0	12	214	18	137	1.00	0.72	4.0	0.81	e0.038
13	0.48	0.24	e10.5	11	45	21	141	4.1	0.62	3.1	0.61	e0.027
14	0.41	0.22	e12	18	38	16	47	15	2.7	2.6	0.46	e0.020
15	0.35	0.23	e10.2	9.7	311	106	27	e580	4.6	3.8	0.40	e0.024
16	0.32	8.9	e8.8	7.7	57	58	19	78	e255	3.4	0.37	e0.059
17	0.40	3.1	7.0	44	34	31	13	40	e209	4.0	0.37	e0.18
18	0.37	86	6.1	86	26	23	9.1	29	36	4.5	0.37	e0.37
19	0.32	31	5.4	31	22	17	8.8	21	16	1.9	0.40	e0.31
20	0.27	11	4.6	17	20	14	6.2	15	9.2	1.5	2.7	e0.25
21	0.24	5.0	4.3	13	16	17	5.1	9.8	7.4	1.2	1.2	e0.20
22	0.21	2.9	4.3	14	12	11	3.8	6.8	6.6	1.1	7.0	e0.21
23	0.20	2.7	33	9.8	16	9.6	2.9	4.5	26	1.2	7.2	e0.21
24	0.20	39	18	73	16	8.5	2.6	3.1	43	5.9	0.73	e0.18
25	0.42	6.6	11	569	64	7.6	2.6	2.1	e618	7.2	0.51	e0.19
26	e35	3.4	9.3	64	94	9.1	23	5.0	103	2.2	0.48	e0.17
27	e2.0	e561	8.9	35	33	6.9	5.8	1.6	190	1.8	0.53	e0.17
28	0.74	e190	8.9	24	23	5.6	2.6	1.0	183	1.3	e1.1	e0.14
29	0.56	24	51	21	17	5.6	1.8	0.87	327	0.91	e5.4	e0.12
30	0.52	13	34	17	---	6.0	2.4	0.68	76	2.1	e1.3	e0.14
31	0.41	---	18	14	---	6.9	---	e327	---	3.4	e1.0	---
TOTAL	61.83	993.18	403.1	1361.2	2269.4	1781.8	657.8	1170.93	2205.13	265.51	51.32	6.952
MEAN	1.99	33.1	13.0	43.9	78.3	57.5	21.9	37.8	73.5	8.56	1.66	0.23
MAX	35	561	51	569	837	602	141	580	618	40	11	1.2
MIN	0.20	0.22	4.3	7.7	7.0	5.6	1.8	0.68	0.62	0.91	0.37	0.020
MED	0.41	2.0	8.9	20	29	21	5.2	3.1	13	4.0	0.68	0.18
CFSM	0.10	1.61	0.63	2.14	3.82	2.80	1.07	1.84	3.58	0.42	0.08	0.01
IN.	0.11	1.80	0.73	2.47	4.12	3.23	1.19	2.12	4.00	0.48	0.09	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

MEAN	6.87	35.7	42.7	62.8	67.4	61.1	71.3	50.7	29.7	10.0	3.03	22.4
MAX	20.9	69.4	116	130	124	119	155	187	73.5	27.7	6.64	124
(WY)	2002	2002	2002	2001	2003	2002	2000	2003	2004	2003	2003	2002
MIN	0.00	0.10	1.87	4.64	4.09	28.9	21.9	0.75	3.05	0.05	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2003	2004	2000	2002	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1999 - 2004	
ANNUAL TOTAL	17954.89		11228.150			
ANNUAL MEAN	49.2		30.7		38.9	
HIGHEST ANNUAL MEAN					56.7	2002
LOWEST ANNUAL MEAN					16.8	2000
HIGHEST DAILY MEAN	1580	May 7	837	Feb 5	3130	Sep 26 2002
LOWEST DAILY MEAN	0.20	Oct 23	0.020	Sep 14	0.000	Sep 16 1999
ANNUAL SEVEN-DAY MINIMUM	0.24	Nov 9	0.04	Sep 10	0.00	Aug 9 2000
MAXIMUM PEAK FLOW			3300	Mar 6	6510	Sep 26 2002
MAXIMUM PEAK STAGE			24.63	Mar 6	29.18	Jun 27 1999
ANNUAL RUNOFF (CFSM)	2.40		1.50		1.90	
ANNUAL RUNOFF (INCHES)	32.57		20.37		25.76	
10 PERCENT EXCEEDS	73		57		51	
50 PERCENT EXCEEDS	10		5.9		3.2	
90 PERCENT EXCEEDS	0.37		0.27		0.04	

e Estimated

07282097 BEAR CREEK CANAL NEAR DERMA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: October 1999 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: October 1999 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since March 2002.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
02...	0920	.37	64	.06
09...	1435	.48	68	.09
15...	1700	.34	108	.10
20...	1205	.28	82	.06
26...	1130	22	212	13
30...	1240	.53	92	.13
NOV				
05...	1110	.37	150	.15
13...	1220	.26	93	.07
17...	1130	2.3	110	.68
24...	1445	24	130	8.4
27...	0430	--	5040	--
27...	0615	--	2470	--
27...	0815	--	3080	--
27...	1015	--	1520	--
27...	1215	--	802	--
27...	2230	--	1130	--
28...	0015	--	1780	--
28...	0215	--	1150	--
28...	0415	--	605	--
DEC				
03...	1145	6.1	59	.97
08...	1215	4.7	62	.79
16...	1145	8.3	59	1.3
23...	1315	84	826	187
29...	1345	55	698	104
JAN				
08...	1040	12	57	1.8
20...	1300	16	65	2.8
24...	2200	298	889	715
24...	2345	672	768	1390
25...	0145	628	948	1610
25...	0345	403	632	688
25...	0545	502	488	661
25...	0745	1400	560	2120
25...	0945	1500	754	3050
25...	1145	899	614	1490
25...	1345	467	437	551
28...	1315	23	53	3.3
FEB				
05...	0630	--	1290	--
05...	0815	--	1060	--
05...	1015	--	1130	--
05...	1215	--	1170	--
05...	1415	--	2180	--
05...	1615	--	1950	--
05...	1815	--	1170	--
05...	2015	--	867	--
05...	2215	--	629	--
06...	0015	--	432	--
12...	0045	303	530	434
12...	0230	400	408	441
12...	0430	424	363	416
12...	0630	375	309	313
12...	0830	296	248	198
15...	0245	310	386	323
15...	0430	480	349	452
15...	0630	645	385	670
15...	0830	556	430	646
15...	1030	449	361	438
15...	1230	334	270	243
20...	1005	19	58	3.0
MAR				
02...	0815	313	415	351
02...	1000	376	345	350
03...	2015	86	2320	539
05...	2200	--	2050	--
06...	0000	--	3080	--
06...	0200	--	2250	--
06...	0400	--	1240	--
06...	0600	--	948	--
06...	0800	--	665	--
09...	1345	28	68	5.1
APR				
01...	1505	4.7	54	.69
10...	1815	305	1490	1230
20...	1300	6.4	48	.83
MAY				
12...	1400	1.0	115	.31
16...	0100	131	1770	626
16...	0245	112	1510	457
16...	0445	97	1870	490
16...	0645	87	1300	305
16...	0845	78	752	158
16...	1045	72	601	117
16...	1245	68	815	150
16...	1445	64	688	119
16...	1645	60	537	87
16...	1845	65	384	67
31...	0130	--	4500	--
31...	0315	--	3820	--
31...	0515	--	2780	--
31...	0715	--	1750	--
31...	0915	--	972	--
31...	1115	--	735	--
JUN				
01...	1330	24	114	7.4
16...	1845	--	4580	--
16...	2030	--	4180	--
16...	2230	--	2890	--
17...	0030	--	4660	--
17...	0230	--	1980	--
17...	1215	--	1180	--
17...	1400	--	1810	--
17...	1600	--	867	--
25...	0030	--	1260	--
25...	0215	--	1010	--
25...	0415	--	1410	--
25...	0615	--	1290	--
25...	0815	--	898	--
25...	1015	--	941	--
25...	1215	--	1090	--
25...	1350	--	826	--
JUL				
15...	1145	2.2	56	.33
SEP				
01...	1135	--	38	--
14...	1630	.02	60	.00

07283000 SKUNA RIVER AT BRUCE, MS

LOCATION.--Lat 33°58'25", long 89°20'52", 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.

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 NGVD of 1929 (levels U. S. Army Corps of Engineers). Prior to Jan. 1, 1972, at datum 10.30 ft higher. October 1947 to Aug. 30, 1948, nonrecording gage, Aug. 31, 1948 to Mar. 23, 1955, water-stage recorder, and Mar. 24, 1955 to Sept. 12, 1958, nonrecording gage at same site.

REMARKS.--Estimated daily discharges: August 3. 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 11,000 ft^3/s (revised) and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 25	1100	12,000	21.20	May 15	0900	16,400	23.66
Feb. 5	1700	*27,100	*28.22	Jun. 25	1300	26,000	27.82
Mar. 6	0300	26,300	27.93				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	37	123	203	165	483	75	57	630	613	76	64
2	27	32	93	202	157	1710	70	78	240	790	47	38
3	26	29	89	178	211	544	64	67	403	333	e31	26
4	24	26	503	153	186	277	59	49	689	245	27	24
5	23	27	281	206	13700	2380	54	41	218	363	22	111
6	22	25	162	197	5120	12200	52	37	129	173	20	30
7	22	24	112	125	866	974	52	33	483	215	18	20
8	23	23	91	115	456	461	104	30	391	175	16	16
9	22	21	83	351	355	334	85	28	123	116	15	15
10	605	23	816	249	1110	258	133	26	78	85	14	13
11	252	21	342	161	737	214	575	25	62	69	14	13
12	70	20	184	130	2050	184	2100	27	53	57	14	12
13	43	20	143	111	708	168	2010	144	51	51	15	12
14	35	19	204	101	388	152	635	314	842	45	14	13
15	30	19	161	94	4070	382	279	9950	671	452	14	14
16	26	54	123	85	1190	1420	180	1390	296	144	13	13
17	25	132	104	147	445	458	127	479	2050	216	12	16
18	24	745	87	1620	294	275	96	432	1020	503	12	15
19	24	921	80	554	229	209	81	276	365	138	12	14
20	23	306	66	265	197	165	73	185	171	74	15	13
21	21	127	60	194	156	150	66	136	110	54	34	12
22	20	75	58	156	126	124	62	107	167	45	32	11
23	20	59	367	132	112	113	103	89	624	39	25	11
24	19	885	523	211	112	99	70	76	670	35	22	11
25	41	292	208	7080	133	92	56	67	15200	149	30	10
26	4010	138	135	1240	1000	100	310	61	2090	511	25	11
27	482	2300	103	496	418	101	122	56	578	101	21	11
28	166	729	88	306	224	85	66	989	1440	61	20	10
29	85	268	435	246	151	85	52	636	1780	45	153	10
30	55	171	825	218	---	97	77	180	841	36	259	11
31	43	---	294	185	---	87	---	3780	---	38	101	---
TOTAL	6336	7568	6943	15711	35066	24381	7888	19845	32465	5971	1143	600
MEAN	204	252	224	507	1209	786	263	640	1082	193	36.9	20.0
MAX	4010	2300	825	7080	13700	12200	2100	9950	15200	790	259	111
MIN	19	19	58	85	112	85	52	25	51	35	12	10
CFSM	0.80	0.99	0.88	2.00	4.76	3.10	1.04	2.52	4.26	0.76	0.15	0.08
IN.	0.93	1.11	1.02	2.30	5.14	3.57	1.16	2.91	4.75	0.87	0.17	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 2004, BY WATER YEAR (WY)

MEAN	58.9	256	510	625	763	840	635	388	237	97.0	63.7	83.0
MAX	497	1922	3035	2091	2703	3426	2356	1729	1825	661	460	895
(WY)	2003	1958	1983	1949	1991	1973	1991	1997	1997	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 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1948 - 2004	
ANNUAL TOTAL	157275		163917			
ANNUAL MEAN	431		448		378	
HIGHEST ANNUAL MEAN					767	1991
LOWEST ANNUAL MEAN					74.6	1981
HIGHEST DAILY MEAN	17000	May 6	15200	Jun 25	35100	Dec 26 1982
LOWEST DAILY MEAN	13	Jul 27	10	Sep 25	1.0	Aug 18 1954
ANNUAL SEVEN-DAY MINIMUM	14	Jul 23	11	Sep 23	1.1	Aug 14 1954
MAXIMUM PEAK FLOW			27100	Feb 5	61400	Mar 21 1955
MAXIMUM PEAK STAGE			28.22	Feb 5	34.41a	Mar 21 1955
ANNUAL RUNOFF (CFSM)	1.70		1.76		1.49	
ANNUAL RUNOFF (INCHES)	23.03		24.01		20.20	
10 PERCENT EXCEEDS	843		798		736	
50 PERCENT EXCEEDS	100		110		47	
90 PERCENT EXCEEDS	24		17		7.0	

e Estimated
a To present datum.

07285500 YALOBUSHA RIVER AT GRENADA,MS

LOCATION.--Lat 33°47'16", long 89°48'35", in SE1/4 SW1/4 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.--1550 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 NGVD of 1929 (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 daily discharges. Records good. Regulated by Grenada Lake Spillway. Satellite telemeter at Station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 14, 1948, reached an elevation of 182.81 ft above 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3700	2420	5300	2510	5570	5350	2790	346	1350	1100	4120	4550
2	3680	2410	5610	2540	5570	5140	2780	394	887	1060	4090	4520
3	3680	2950	5510	2500	5690	4460	2750	343	659	1170	4090	4430
4	3750	3400	5320	2470	5320	3840	2730	316	1070	1070	4330	3740
5	3740	3380	3990	2480	9920	5010	2610	310	1610	1010	4560	3100
6	3730	3360	3170	2640	6390	9320	1830	302	1570	1350	4620	2460
7	3710	3320	2590	2770	1610	2100	1330	295	1560	1830	4540	2650
8	3710	3290	1950	2770	1790	1170	1020	289	1540	2080	4530	3760
9	3720	3260	1210	2900	3960	1790	738	285	1510	2920	4510	4380
10	4170	3230	1230	2310	6180	3020	966	280	1500	2810	4490	4410
11	3980	3210	939	2180	6580	3320	1190	277	1490	2760	4520	4390
12	3780	3180	1610	1840	8190	3270	2880	281	1490	3000	4690	4340
13	3720	3150	2280	2150	6770	3220	2950	375	1480	3550	4530	4250
14	3700	3110	2300	1900	6240	3190	1330	1220	1570	3850	4480	3760
15	3680	3070	2250	1260	9130	3110	968	6670	1700	3940	4470	2810
16	3660	1950	1960	709	5070	4270	857	1990	1640	4350	4420	2900
17	3630	559	1260	971	4060	3350	799	996	3010	1880	4420	3640
18	3610	561	780	2310	5010	3160	762	706	2110	1350	4420	3980
19	3580	1550	761	1430	5960	3090	740	623	748	1340	4410	3920
20	3560	2400	751	2220	5840	3030	726	522	651	2420	4470	3840
21	3300	2470	746	3120	5720	3000	716	463	1080	2790	4570	3770
22	1850	4040	749	2740	5590	2960	546	424	1610	3040	4500	3700
23	2390	4030	889	2820	5530	2930	362	381	2450	3290	4430	3630
24	2420	4460	993	2840	5550	2910	345	366	2740	3300	4450	3570
25	2460	4620	836	6370	5470	2890	355	351	13700	3300	4410	3510
26	3410	5080	805	2350	5650	2880	394	340	7470	3310	4380	3460
27	2720	7020	794	2760	5800	2860	384	333	8990	3680	4360	3380
28	2530	6000	790	4070	5660	2850	338	325	5930	4070	5030	3310
29	2480	5480	1350	5360	5550	2860	323	329	2420	4080	5050	3240
30	2450	5270	2130	5920	---	2850	336	331	1230	4090	4420	3480
31	2430	---	2250	5760	---	2820	---	4700	---	4200	4470	---
TOTAL	102930	102230	63103	86970	165370	106020	36845	25163	76765	83990	138780	110880
MEAN	3320	3408	2036	2805	5702	3420	1228	812	2559	2709	4477	3696
MAX	4170	7020	5610	6370	9920	9320	2950	6670	13700	4350	5050	4550
MIN	1850	559	746	709	1610	1170	323	277	651	1010	4090	2460
CFSM	2.14	2.20	1.31	1.81	3.68	2.21	0.79	0.52	1.65	1.75	2.89	2.38
IN.	2.47	2.45	1.51	2.09	3.97	2.54	0.88	0.60	1.84	2.02	3.33	2.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

MEAN	2647	2937	3439	4393	3883	3190	2308	1896	1788	1865	2871	2949
MAX	5075	4963	6461	6227	6149	5756	4228	9529	5646	4904	4808	5652
(WY)	1998	1990	1990	1999	2002	1990	1991	1991	1991	1991	1991	1991
MIN	810	1909	586	366	238	572	365	189	320	230	382	848
(WY)	1999	1996	2000	2000	2000	2000	1992	1992	1993	2001	1992	1992

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	1292108		1099046			
ANNUAL MEAN	3540		3003		2816	
HIGHEST ANNUAL MEAN					4441	1991
LOWEST ANNUAL MEAN					1107	2000
HIGHEST DAILY MEAN	13600	Apr 7	13700	Jun 25	21900	Apr 29 1991
LOWEST DAILY MEAN	224	Apr 30	277	May 11	30	Oct 3 1990
ANNUAL SEVEN-DAY MINIMUM	262	Apr 27	287	May 6	33	Sep 27 1990
MAXIMUM PEAK FLOW			17500	Jun 25	23000	Apr 29 1991
MAXIMUM PEAK STAGE			23.55	Jun 25	27.54a	Apr 29 1991
ANNUAL RUNOFF (CFSM)	2.28		1.94		1.82	
ANNUAL RUNOFF (INCHES)	31.01		26.38		24.69	
10 PERCENT EXCEEDS	5800		5390		5680	
50 PERCENT EXCEEDS	3550		2920		2570	
90 PERCENT EXCEEDS	1290		643		329	

a To present datum.

07287150 ABIACA CREEK NEAR SEVEN PINES, MS

LOCATION.--Lat 33°20'24", long 90°09'05", in NE1/4 SE1/4 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.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 134.28 ft above NGVD of 1929. October 28, 1955 to present, discharge measurements and gage height record at same site and datum in files of U.S. Army Corps of Engineers, Vicksburg District.

REMARKS.--Estimated daily discharges: Oct. 1, Nov. 29 - Dec. 2, Jan. 28 - Feb. 2 and Jun. 29 - Jul. 8. Discharge 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 2,600 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 5	1700	3,130	15.93	Jun. 25	0730	2,720	15.14
Mar. 6	0215	2,690	15.09	Jun. 28	1445	*3,160	*15.98

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e38	38	e76	62	e55	77	55	80	98	e540	44	35
2	37	38	e66	73	e54	121	54	74	74	e290	42	36
3	37	38	63	62	54	112	55	63	68	e183	41	33
4	37	37	66	58	53	91	55	59	65	e145	40	37
5	37	37	62	58	1550	272	54	54	62	e120	41	36
6	37	36	57	55	987	1520	53	52	62	e104	40	36
7	37	37	56	53	452	548	53	51	61	e95	40	35
8	37	37	54	55	195	293	57	49	60	e81	41	33
9	37	36	54	80	136	169	54	50	60	73	39	33
10	145	36	66	66	280	120	54	50	59	68	37	33
11	70	36	60	59	290	103	63	48	59	64	38	34
12	51	37	54	55	899	93	231	50	63	61	67	34
13	47	36	57	53	332	86	370	50	64	60	51	34
14	45	36	57	54	206	81	150	179	65	56	45	33
15	47	36	54	51	1030	89	99	1420	76	50	42	34
16	45	40	52	49	473	86	85	398	73	53	39	33
17	44	39	50	64	228	78	77	189	355	63	38	31
18	42	43	49	137	162	74	70	122	173	95	37	33
19	40	56	48	84	130	70	67	106	111	59	36	34
20	39	47	48	64	112	69	63	90	94	52	38	33
21	37	43	47	58	136	69	62	80	103	50	38	33
22	38	42	47	58	127	66	61	76	175	49	38	32
23	37	43	56	54	146	65	58	73	152	47	40	34
24	38	72	62	59	155	65	57	70	163	46	39	34
25	46	53	56	528	111	65	56	67	1460	46	38	34
26	72	47	52	210	111	64	54	65	838	45	38	35
27	46	1060	50	102	89	63	50	66	516	44	39	33
28	42	353	50	e77	81	71	48	68	1710	43	40	30
29	40	e115	76	e66	80	64	50	73	e900	42	40	29
30	39	e88	94	e59	---	60	151	68	e755	46	37	30
31	38	---	65	e56	---	56	---	117	---	46	34	---
TOTAL	1422	2692	1804	2619	8714	4860	2466	4057	8574	2816	1257	1004
MEAN	45.9	89.7	58.2	84.5	300	157	82.2	131	286	90.8	40.5	33.5
MAX	145	1060	94	528	1550	1520	370	1420	1710	540	67	37
MIN	37	36	47	49	53	56	48	48	59	42	34	29
CFSM	0.48	0.94	0.61	0.89	3.16	1.65	0.86	1.37	3.00	0.95	0.43	0.35
IN.	0.56	1.05	0.70	1.02	3.41	1.90	0.96	1.59	3.35	1.10	0.49	0.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	41.9	53.9	134	163	206	205	216	111	93.7	70.0	47.4	39.8
MAX	84.2	107	352	489	386	431	572	256	286	232	72.0	70.7
(WY)	2003	2003	1992	1999	2003	1997	2000	1997	2004	1994	1992	1992
MIN	30.6	29.7	37.3	36.0	36.5	83.2	74.6	36.5	32.0	29.1	24.3	24.7
(WY)	2000	2000	2000	2000	2000	1996	1998	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	37003		42285			
ANNUAL MEAN	101		116		115	
HIGHEST ANNUAL MEAN					152	1997
LOWEST ANNUAL MEAN					85.1	2000
HIGHEST DAILY MEAN	2210	Feb 22	1710	Jun 28	4470	Apr 2 2000
LOWEST DAILY MEAN	31	Jul 29	29	Sep 29	18	Sep 30 2000
ANNUAL SEVEN-DAY MINIMUM	32	Jul 23	32	Sep 24	21	Aug 31 2000
MAXIMUM PEAK FLOW			3160	Jun 28	6080	Apr 2 2000
MAXIMUM PEAK STAGE			15.98	Jun 28	20.48	Apr 2 2000
ANNUAL RUNOFF (CFSM)	1.06		1.21		1.20	
ANNUAL RUNOFF (INCHES)	14.46		16.52		16.36	
10 PERCENT EXCEEDS	144		176		176	
50 PERCENT EXCEEDS	50		56		50	
90 PERCENT EXCEEDS	37		36		32	

e Estimated

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: October 1991 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: October 1991 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since October 1991.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					FEB				
01...	1105	47	23	2.9	06...	1145	949	468	1200
09...	0920	38	28	2.9	06...	1445	895	406	981
15...	1220	49	48	6.4	06...	1745	797	360	775
20...	1620	39	33	3.5	06...	2045	752	333	676
29...	1015	44	28	3.3	06...	2330	719	513	996
NOV					19...	1430	120	63	20
05...	1520	37	30	3.0	MAR				
12...	1450	37	32	3.2	05...	2130	815	2550	5610
17...	1530	38	27	2.8	06...	0015	2360	2300	14700
24...	1245	63	51	8.7	06...	0315	2630	1990	14100
DEC					06...	0615	2380	1660	10700
02...	1440	64	44	7.6	06...	0915	1410	1020	3880
09...	1505	53	38	5.4	06...	1215	1140	793	2440
16...	1605	52	34	4.8	06...	1515	1030	697	1940
22...	1000	47	28	3.6	06...	1815	941	624	1590
29...	1630	101	110	30	06...	2130	858	508	1180
JAN					07...	0030	790	473	1010
07...	1315	53	24	3.4	07...	0330	716	429	829
25...	0830	749	1680	3400	09...	1100	166	146	65
25...	1100	869	1170	2750	30...	1305	60	41	6.6
25...	1400	858	918	2130	APR				
25...	1700	722	679	1320	20...	1245	65	41	7.2
27...	1055	100	96	26	MAY				
FEB					12...	1235	52	40	5.6
05...	0915	877	1470	3480	JUN				
05...	1145	2130	2380	13700	01...	1230	99	69	18
05...	1445	2910	2130	16700	23...	1315	155	222	93
05...	1745	3120	1650	13900	JUL				
05...	2045	2450	1250	8270	08...	1245	90	60	15
05...	2345	1600	1160	5010	AUG				
06...	0245	1240	837	2800	10...	1130	38	30	3.1
06...	0545	1140	643	1980	31...	1300	35	27	2.6
06...	0845	1040	528	1480	SEP				
					15...	1415	35	27	2.6

07287160 ABIACA CREEK AT CRUGER, MS

LOCATION.--Lat 33°20'30", long 90°14'14", in NE1/4 NW1/4 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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 116.52 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Nov. 29, Feb. 22, May 27-28, 30 Jun. 4-14 and Sept. 11-30. Discharge 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 2,200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jun. 28	2045	*2,180	*10.84				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	45	90	65	63	98	50	82	109	613	48	31
2	38	45	77	73	61	127	49	74	86	303	43	33
3	38	45	71	65	59	147	48	62	74	208	40	30
4	37	45	78	61	58	119	48	54	e71	167	39	33
5	37	45	74	61	936	140	47	49	e70	145	40	33
6	36	44	69	58	1410	1500	44	47	e69	126	39	33
7	36	45	66	55	532	665	44	46	e68	120	37	33
8	36	45	64	56	263	296	48	45	e67	111	39	31
9	37	44	62	78	199	177	44	46	e66	101	37	31
10	128	44	77	71	281	127	44	46	e65	93	35	31
11	96	44	76	63	296	105	55	44	e66	86	37	e32
12	66	44	66	59	869	93	191	48	e68	83	59	e33
13	57	43	68	56	365	84	329	51	e70	79	53	e33
14	53	43	69	54	208	79	178	73	e74	74	45	e33
15	54	44	65	53	900	87	108	1390	78	65	40	e33
16	53	47	62	51	555	87	87	520	72	67	38	e34
17	51	46	59	58	236	81	75	237	283	72	36	e33
18	49	48	57	132	163	75	68	160	199	110	35	e34
19	48	60	56	99	135	71	63	132	113	76	34	e35
20	48	55	55	71	121	68	59	111	93	65	36	e34
21	45	50	56	62	146	68	57	98	84	59	36	e33
22	45	47	57	58	e142	65	55	89	168	56	36	e33
23	44	46	60	55	177	63	52	84	143	53	36	e34
24	43	71	68	55	199	62	49	79	155	51	38	e35
25	45	60	62	412	153	60	51	77	1310	51	35	e36
26	77	53	58	261	148	59	51	74	1030	51	35	e36
27	54	882	54	126	124	56	46	e72	738	49	36	e35
28	49	433	52	92	110	60	44	e77	1220	47	35	e32
29	47	e158	68	77	104	61	45	81	1460	45	39	e31
30	46	110	102	70	---	58	127	e79	790	47	35	e31
31	46	---	70	65	---	52	---	106	---	46	32	---
TOTAL	1577	2831	2068	2672	9013	4890	2256	4233	8959	3319	1203	989
MEAN	50.9	94.4	66.7	86.2	311	158	75.2	137	299	107	38.8	33.0
MAX	128	882	102	412	1410	1500	329	1390	1460	613	59	36
MIN	36	43	52	51	58	52	44	44	65	45	32	30
CFSM	0.53	0.99	0.70	0.90	3.25	1.65	0.79	1.43	3.12	1.12	0.41	0.34
IN.	0.61	1.10	0.80	1.04	3.50	1.90	0.88	1.65	3.48	1.29	0.47	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2004, BY WATER YEAR (WY)

MEAN	43.7	55.1	129	148	183	173	179	104	88.5	65.2	42.0	36.7
MAX	104	103	311	420	352	340	462	223	299	192	65.1	59.3
(WY)	2003	2003	1992	1999	2003	1995	2000	1997	2004	1994	1995	1992
MIN	26.0	31.9	40.1	39.3	35.3	75.7	72.8	37.7	33.3	26.7	21.4	21.5
(WY)	2000	2000	2000	2000	2000	1996	1992	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1992 - 2004	
ANNUAL TOTAL	35806		44010			
ANNUAL MEAN	98.1		120		104	
HIGHEST ANNUAL MEAN					126	1997
LOWEST ANNUAL MEAN					75.2	2000
HIGHEST DAILY MEAN	1890	Feb 22	1500	Mar 6	2590	Apr 23 1995
LOWEST DAILY MEAN	31	Jul 28	30	Sep 3	14	Sep 1 2000
ANNUAL SEVEN-DAY MINIMUM	32	Jul 24	32	Sep 3	16	Aug 26 2000
MAXIMUM PEAK FLOW			2180	Jun 28	3440	Apr 23 1995
MAXIMUM PEAK STAGE			10.84	Jun 28	11.81	Apr 2 2000
ANNUAL RUNOFF (CFSM)	1.03		1.26		1.08	
ANNUAL RUNOFF (INCHES)	13.92		17.11		14.70	
10 PERCENT EXCEEDS	141		193		159	
50 PERCENT EXCEEDS	54		60		51	
90 PERCENT EXCEEDS	36		36		30	

e Estimated

07287160 ABIACA CREEK AT CRUGER, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED SEDIMENT CONCENTRATION: October 1991 to September 2003.
SUSPENDED SEDIMENT DISCHARGE: October 1991 to September 2003.

INSTRUMENTATION.--Automatic pumping sediment sampler since October 1991.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					FEB				
01...	1135	38	22	2.3	06...	0730	1610	370	1610
09...	0855	36	32	3.1	06...	1030	1570	325	1380
16...	1030	53	31	4.4	06...	1345	1280	309	1070
20...	1705	49	47	6.2	06...	1630	1160	284	889
29...	0945	48	26	3.4	06...	1930	1040	266	747
NOV					06...	2230	917	254	629
05...	1605	45	38	4.6	07...	0130	803	227	492
12...	1520	44	26	3.1	07...	0430	694	217	407
17...	1620	46	31	3.9	07...	0745	606	208	340
24...	1145	81	81	18	07...	1045	539	191	278
27...	0600	700	1410	2660	07...	1345	471	197	251
27...	0830	1360	469	1720	20...	1400	467	61	77
27...	1145	1290	1740	6060	MAR				
27...	1430	1230	1050	3490	05...	2345	740	949	1900
27...	1730	1130	732	2230	06...	0215	1270	1690	5800
27...	2030	767	576	1190	06...	0515	1560	1640	6910
27...	2300	799	534	1150	06...	0815	1850	1090	5440
28...	0030	714	694	1340	06...	1115	1830	673	3330
28...	0345	594	509	816	06...	1415	1670	524	2360
28...	0630	523	301	425	06...	1715	1480	450	1800
28...	0930	460	279	347	06...	2015	1280	401	1390
DEC					06...	2315	1140	378	1160
02...	1515	75	43	8.7	07...	0215	1020	347	956
09...	1555	61	42	6.9	07...	0515	900	327	795
16...	1640	62	32	5.4	07...	0815	740	345	689
22...	0930	55	32	4.8	07...	1115	632	333	568
29...	1700	76	81	17	07...	1415	548	316	468
JAN					07...	1730	473	293	374
07...	1215	56	30	4.5	09...	1015	180	142	69
25...	1045	490	1940	2570	30...	1345	59	40	6.4
25...	1315	672	1280	2320	APR				
25...	1615	717	906	1750	20...	1325	60	40	6.5
25...	1915	663	670	1200	MAY				
25...	2215	558	473	713	12...	1130	47	32	4.1
26...	0115	438	338	400	JUN				
27...	1030	126	84	29	01...	1515	105	100	28
FEB					23...	1200	125	128	43
05...	1100	623	884	1490	JUL				
05...	1345	1300	1690	5930	08...	1330	109	58	17
05...	1645	1580	1500	6400	AUG				
05...	1930	1920	985	5110	10...	1015	36	26	2.5
05...	2230	2010	665	3610	31...	1330	32	26	2.2
06...	0130	1940	517	2710	SEP				
06...	0430	1820	441	2170	15...	1315	32	32	2.8

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, 0.5 mi south of intersection of Highways 17 and 12.

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 NGVD of 1929.

REMARKS.--Estimated daily discharges: Oct. 13-25, 28-31, Nov. 1-10, Jun. 27-29 and Sept. 11, 20-30. 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 (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 5	1515	5,200	19.23	May 15	1400	*6,240	*21.06
Mar. 2	0915	3,810	16.41	Jun. 26	2245	4,630	18.11
Mar. 6	0145	4,890	18.62				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	e47	65	70	64	88	47	74	119	194	36	39
2	28	e46	63	65	61	2100	46	78	76	133	35	36
3	27	e45	72	60	59	578	44	55	54	95	34	34
4	26	e44	96	54	56	271	44	46	46	82	32	90
5	25	e43	70	74	2850	744	43	43	41	96	31	47
6	25	e42	57	62	1150	2570	42	41	39	90	31	38
7	25	e41	53	52	406	522	41	39	40	78	30	36
8	25	e40	50	93	214	251	50	38	36	63	30	34
9	24	e39	52	254	143	165	45	37	34	58	30	33
10	1300	e38	112	96	321	128	42	36	33	55	30	32
11	334	37	72	67	381	111	92	36	32	51	36	e31
12	146	37	57	58	1000	100	263	41	30	48	50	30
13	e80	38	69	52	289	91	340	42	117	46	31	30
14	e58	38	78	49	256	88	120	322	494	44	29	29
15	e52	38	60	48	1090	90	77	4420	466	42	28	29
16	e54	40	53	46	357	153	63	1170	218	44	27	28
17	e56	39	49	621	173	88	56	645	257	150	27	28
18	e51	54	46	778	125	72	52	354	107	176	27	28
19	e48	59	44	226	106	66	48	180	70	60	27	28
20	e44	47	43	115	95	62	45	121	57	51	29	e27
21	e42	41	43	89	84	61	44	90	54	47	40	e27
22	e40	39	43	78	75	58	42	70	191	44	30	e27
23	e38	43	257	71	399	56	40	63	407	43	34	e26
24	e37	75	157	85	505	53	39	60	530	43	32	e26
25	e36	50	79	1170	273	52	40	54	1930	42	27	e26
26	160	41	65	362	236	51	41	52	1690	47	27	e25
27	86	413	59	139	142	50	39	49	e1240	42	27	e25
28	e62	614	55	95	107	49	37	93	e840	41	209	e25
29	e54	119	510	82	92	50	60	88	e620	39	162	e24
30	e50	77	291	74	---	51	229	55	339	38	57	e24
31	e48	---	94	69	---	49	---	165	---	38	44	---
TOTAL	3109	2364	2914	5254	11109	8918	2211	8657	10207	2120	1319	962
MEAN	100	78.8	94.0	169	383	288	73.7	279	340	68.4	42.5	32.1
MAX	1300	614	510	1170	2850	2570	340	4420	1930	194	209	90
MIN	24	37	43	46	56	49	37	36	30	38	27	24
CFSM	1.14	0.89	1.07	1.92	4.35	3.27	0.84	3.17	3.86	0.78	0.48	0.36
IN.	1.31	1.00	1.23	2.22	4.69	3.77	0.93	3.66	4.31	0.90	0.56	0.41
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)												
MEAN	51.7	96.1	155	235	253	248	248	128	133	67.9	43.6	50.6
MAX	162	302	365	683	505	377	864	302	621	253	113	110
(WY)	1989	2001	2002	1999	2003	2002	1991	1989	1997	1989	1994	1994
MIN	18.6	32.2	42.9	56.0	53.6	88.8	45.1	29.7	21.1	25.3	18.4	24.9
(WY)	1988	1991	2000	2000	2000	1992	1987	1988	1988	2000	2000	1997

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	46815		59144			
ANNUAL MEAN	128		162		143	
HIGHEST ANNUAL MEAN					217	1991
LOWEST ANNUAL MEAN					69.4	1992
HIGHEST DAILY MEAN	3090	Feb 21	4420	May 15	13000	Jun 10 1997
LOWEST DAILY MEAN	24	Apr 2	24	Oct 9	11	Aug 1 1994
ANNUAL SEVEN-DAY MINIMUM	25	Oct 3	25	Sep 24	15	Sep 4 1987
MAXIMUM PEAK FLOW			6240	May 15	18600	Jun 10 1997
MAXIMUM PEAK STAGE			21.06	May 15	27.89	Jun 10 1997
ANNUAL RUNOFF (CFSM)	1.46		1.83		1.63	
ANNUAL RUNOFF (INCHES)	19.77		24.97		22.11	
10 PERCENT EXCEEDS	238		339		246	
50 PERCENT EXCEEDS	46		54		43	
90 PERCENT EXCEEDS	30		30		23	

e Estimated

07288280 BIG SUNFLOWER RIVER NEAR MERIGOLD, MS

LOCATION.--Lat 33°49'57", long 90°40'12", in SW1/4 NW1/4 sec.24, T.23 N., R.5 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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.

PERIOD OF RECORD.--Oct. 1992 to current year.

REVISED RECORDS.--WDR-MS-97-1: 1996.

GAGE.--Water stage recorder. Datum of gage is 100.00 ft above NGVD of 1929 (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: Nov. 15-16, Jan. 19-21, and Apr. 11-22. 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 3,100 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 20	0315	3,600	22.49	Feb 7	1715	*5,090	*26.21
Jan. 27	0200	4,350	24.51	May 16	0130	3,220	21.39

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	57	252	1060	1940	1940	108	267	1510	2530	232	298
2	46	51	148	642	1450	2690	109	735	1400	2440	230	186
3	43	50	91	336	933	2980	95	743	1110	2240	190	115
4	42	50	77	195	563	2930	83	602	732	1980	164	73
5	41	51	70	294	2010	2660	53	397	387	1660	157	54
6	40	53	56	403	4410	2320	37	257	210	1280	173	41
7	40	52	52	333	5050	2030	30	171	164	924	180	34
8	40	52	43	234	4950	1720	30	115	162	639	179	30
9	39	50	37	190	4600	1310	31	76	149	531	176	34
10	43	48	329	183	4370	910	69	61	121	441	168	41
11	47	46	442	149	4050	596	e650	47	103	304	152	63
12	48	45	391	109	4020	445	e2300	42	90	206	145	72
13	47	43	258	79	3790	349	e3000	65	82	147	173	70
14	48	42	213	60	3260	265	e2800	1600	90	113	174	68
15	45	e145	182	49	3590	241	e2230	2940	142	135	155	66
16	41	e620	136	47	3900	259	e1700	3140	231	152	146	65
17	40	754	94	81	3630	210	e1150	2890	292	210	139	45
18	40	1590	69	228	3160	222	e730	2540	317	289	107	33
19	41	3310	53	e430	2600	416	e480	2210	310	316	101	27
20	43	3560	42	e310	2100	342	e300	1860	246	272	163	26
21	41	3220	37	e200	1640	960	e205	1410	189	214	287	32
22	40	2660	30	132	1180	1300	e170	889	233	181	243	32
23	39	2110	75	83	775	1250	176	484	317	170	174	30
24	39	1880	220	282	518	997	169	282	418	246	113	29
25	40	1610	209	2760	778	671	152	196	669	297	97	31
26	47	1130	143	4150	1840	412	161	133	888	251	104	43
27	70	1150	83	4330	1940	269	233	93	1290	230	82	44
28	195	1310	54	4040	1920	184	212	343	1780	217	105	43
29	178	934	624	3570	1880	141	160	1070	2320	210	539	44
30	107	521	1520	2990	---	113	340	805	2580	203	622	42
31	71	---	1420	2410	---	112	---	1150	---	202	468	---
TOTAL	1731	27194	7450	30359	76847	31244	17963	27613	18532	19230	6138	1811
MEAN	55.8	906	240	979	2650	1008	599	891	618	620	198	60.4
MAX	195	3560	1520	4330	5050	2980	3000	3140	2580	2530	622	298
MIN	39	42	30	47	518	112	30	42	82	113	82	26
CFSM	0.10	1.64	0.43	1.77	4.79	1.82	1.08	1.61	1.12	1.12	0.36	0.11
IN.	0.12	1.83	0.50	2.04	5.17	2.10	1.21	1.86	1.25	1.29	0.41	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

MEAN	457	453	1453	1377	1531	1443	847	879	713	649	344	185
MAX	2472	1133	6794	2344	3968	2853	1753	3604	2311	2201	803	638
(WY)	2003	2001	2002	1998	1994	1997	2000	2003	1997	1994	1993	2002
MIN	22.1	15.6	201	32.0	269	220	277	176	214	232	198	52.8
(WY)	1996	1996	2000	2000	1993	1993	1994	1996	2002	2000	2004	1995

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	313086		266112			
ANNUAL MEAN	858		727		859	
HIGHEST ANNUAL MEAN					1674	2002
LOWEST ANNUAL MEAN					390	1996
HIGHEST DAILY MEAN	6910	May 9	5050	Feb 7	9100	Dec 17 2001
LOWEST DAILY MEAN	27	Jan 24	26	Sep 20	7.8	Sep 28 2001
ANNUAL SEVEN-DAY MINIMUM	31	Jan 22	30	Sep 19	8.8	Dec 1 1995
MAXIMUM PEAK FLOW			5090	Feb 7	9260	Dec 1 2001
MAXIMUM PEAK STAGE			26.21	Feb 7	34.73	Dec 1 2001
INSTANTANEOUS LOW FLOW			23	Sep 20	6.8	Oct 31 1993
ANNUAL RUNOFF (CFSM)	1.55		1.31		1.55	
ANNUAL RUNOFF (INCHES)	21.06		17.90		21.11	
10 PERCENT EXCEEDS	2790		2470		2660	
50 PERCENT EXCEEDS	222		210		242	
90 PERCENT EXCEEDS	43		42		39	

e Estimated

07288500 BIG SUNFLOWER RIVER AT SUNFLOWER, MS

LOCATION.--Lat 33°32'50", long 90°32'35", in NW1/4 NE1/4 sec.6, T.19 N., R.3 W., Choctaw Meridian, Sunflower County, Hydrologic Unit 08030207, near right bank on downstream side of highway bridge, 0.5 mi northwest of Sunflower, 2.5 mi downstream from Jones Bayou, and 19.0 mi upstream from Quiver River.

DRAINAGE AREA.--767 mi^2.

PERIOD OF RECORD.--October 1935 to September 30, 1980; October 2002 to current year. Prior to October 1938, monthly discharge only published in WSP 1311. February 1918 to September 1935 (gage heights only), October 1980 to September 1995 in reports of Corps of Engineers, Vicksburg district. Prior to October 1, 1972, published as Sunflower River at Sunflower, Miss.

REVISED RECORDS.--WSP 1211: Drainage area. WDR Miss. 1970: 1969(M).

GAGE.--Water-stage recorder. Datum of gage is 92.95 ft NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Nov. 28, 1934, nonrecording gage on upstream side of bridge at datum 93.00 ft (28.346 m) lower. Nov. 28, 1934, to June 30, 1947, nonrecording gage on upstream side of bridge at present datum.

REMARKS.--No estimated daily discharges. Records good. Diversion for irrigation of about 5,000 acres and withdrawal of an average of about 6 ft^3/s for industrial use above station. At times streamflow is augmented by waste irrigation water, which is pumped from wells. U.S. Army Corps of Engineers satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	73	879	1920	3460	2290	119	275	1620	4670	378	593
2	59	53	523	1510	2880	2920	108	365	1820	4740	386	403
3	54	47	311	1020	2190	3400	107	698	1770	4570	373	256
4	52	46	220	631	1480	3580	106	794	1470	4250	337	168
5	51	43	164	400	2180	3590	98	680	1030	3840	296	132
6	53	40	146	372	4260	3470	77	490	631	3320	279	90
7	52	40	125	440	5030	3220	57	324	379	2680	291	65
8	48	40	107	404	5260	2870	90	209	261	1960	303	49
9	44	42	92	334	5300	2440	78	142	220	1430	303	38
10	73	42	131	279	5340	1870	51	112	199	988	305	34
11	87	41	316	242	5340	1300	79	96	174	697	305	36
12	80	44	475	200	5360	869	1450	83	156	487	287	51
13	69	39	485	162	5280	592	3170	94	144	337	278	76
14	63	37	475	129	4990	425	3840	737	172	243	303	87
15	54	31	386	97	4950	321	3880	2880	244	200	307	81
16	45	35	306	76	5010	278	3660	3820	296	202	280	76
17	44	325	234	72	4840	278	3230	3990	510	245	257	72
18	43	1020	173	162	4550	249	2620	3860	516	356	240	63
19	45	2730	129	309	4230	254	1860	3580	457	429	220	47
20	46	3730	100	459	3830	393	1120	3180	399	442	233	36
21	46	4000	81	414	3340	436	623	2680	329	404	324	30
22	44	3910	75	298	2760	1060	347	2050	385	343	470	27
23	39	3580	73	194	2100	1420	210	1350	627	297	433	31
24	34	3330	80	149	1480	1420	165	798	1030	276	337	32
25	47	3040	191	1950	1240	1170	160	468	1650	335	250	31
26	179	2510	247	3890	2090	837	155	293	2330	475	197	30
27	137	2010	210	4500	2590	561	142	192	2800	403	185	33
28	90	1920	156	4630	2640	356	180	141	3530	357	174	42
29	118	1770	389	4540	2490	237	202	403	4230	339	310	43
30	144	1350	1650	4320	---	181	211	1010	4530	333	719	43
31	108	---	2050	3940	---	143	---	1250	---	358	757	---
TOTAL	2114	35918	10979	38043	106490	42430	28195	37044	33909	40006	10117	2795
MEAN	68.2	1197	354	1227	3672	1369	940	1195	1130	1291	326	93.2
MAX	179	4000	2050	4630	5360	3590	3880	3990	4530	4740	757	593
MIN	34	31	73	72	1240	143	51	83	144	200	174	27
CFSM	0.09	1.56	0.46	1.60	4.79	1.78	1.23	1.56	1.47	1.68	0.43	0.12
IN.	0.10	1.74	0.53	1.85	5.16	2.06	1.37	1.80	1.64	1.94	0.49	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2004, BY WATER YEAR (WY)

MEAN	346	684	1161	1866	1987	1938	1639	1340	764	542	370	329
MAX	3349	3629	3954	5938	4613	6146	5380	6078	5782	2076	1499	2347
(WY)	2003	1958	1969	1974	1950	1973	1979	1958	1974	1958	1971	1958
MIN	68.2	99.9	113	123	174	253	280	206	151	100	90.8	93.2
(WY)	2004	1957	1966	1966	1977	1954	1978	1977	1966	1956	1956	2004

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1936 - 2004	
ANNUAL TOTAL	415073		388040			
ANNUAL MEAN	1137		1060		1076	
HIGHEST ANNUAL MEAN					2323	1974
LOWEST ANNUAL MEAN					325	1936
HIGHEST DAILY MEAN	5810	Feb 28	5360	Feb 12	15000	Mar 18 1973
LOWEST DAILY MEAN	31	Nov 15	27	Sep 22	27	Sep 22 2004
ANNUAL SEVEN-DAY MINIMUM	38	Nov 10	31	Sep 21	31	Sep 21 2004
MAXIMUM PEAK FLOW			5380	Feb 12		
MAXIMUM PEAK STAGE			21.62	Feb 12	28.37	Mar 18 1973
INSTANTANEOUS LOW FLOW			25	Sep 22		
ANNUAL RUNOFF (CFSM)	1.48		1.38		1.40	
ANNUAL RUNOFF (INCHES)	20.13		18.82		19.06	
10 PERCENT EXCEEDS	3950		3680		3130	
50 PERCENT EXCEEDS	393		322		392	
90 PERCENT EXCEEDS	54		46		131	

07288650 BOGUE PHALIA NEAR LELAND, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 33°23'48", long 90°50'52", in SW1/4 NW1/4 sec.20, T.18 N., R.6 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030207, 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.

REVISED RECORD.--WDR MS-99-1: 1998.

GAGE.--Water stage recorder. Datum of gage is 86.21 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Jan. 8-12 and Jun. 28-30. Records good 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.

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft
Nov. 20	1200	6,510	23.39	Feb. 16	0500	5,300	21.84
Jan. 26	1600	6,350	23.20	May 15	2200	6,150	22.95
Feb. 7	0200	6,910	23.87	Jun. 30	1300	[a]*7,040	[a]*24.02

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	24	313	765	314	657	55	87	869	5850	199	416
2	28	22	177	426	219	2740	48	190	866	5590	216	236
3	25	20	112	273	181	2900	45	498	691	4250	195	140
4	23	18	82	188	154	1770	42	434	450	2690	179	97
5	22	17	64	185	2440	934	38	263	248	1530	217	74
6	21	16	51	289	6350	582	34	158	145	862	217	61
7	20	16	43	262	6630	406	31	106	100	474	189	50
8	19	15	37	e212	5310	290	99	79	87	328	192	41
9	19	14	34	e176	3450	200	96	61	81	293	185	35
10	78	14	44	e141	2690	160	56	54	71	267	169	36
11	82	15	62	e115	2690	134	48	55	64	234	192	30
12	79	15	85	e98	3450	109	1860	164	62	202	227	25
13	62	15	108	86	3540	83	4470	157	63	163	245	22
14	44	14	198	73	2410	69	3990	2050	57	129	230	25
15	32	14	151	62	4050	73	2190	5700	68	112	193	45
16	24	16	104	53	5120	76	936	5720	102	111	173	42
17	20	156	79	51	3780	76	436	3820	169	148	147	34
18	16	1620	61	66	2080	70	244	1870	210	298	127	27
19	15	5240	48	93	1120	83	156	714	183	395	111	22
20	14	6420	40	89	706	121	111	318	149	329	144	19
21	14	5430	36	73	450	279	86	172	133	239	317	17
22	14	3270	34	62	310	720	72	111	240	188	497	16
23	14	1470	33	53	219	507	63	82	694	175	487	15
24	13	1230	32	59	223	287	56	64	1060	174	346	15
25	16	1050	72	3010	846	172	55	56	2030	179	985	15
26	190	575	91	6110	3190	115	57	49	2220	299	1050	15
27	173	658	78	5660	2990	85	55	43	2530	422	555	14
28	75	1540	60	3860	1590	70	50	40	e4510	349	270	14
29	47	1180	485	2060	748	67	55	43	e7030	247	478	14
30	39	608	1880	967	---	68	74	79	e6940	184	883	14
31	28	---	1420	519	---	62	---	598	---	185	689	---
TOTAL	1299	30712	6114	26136	67250	13965	15608	23835	32122	26896	10304	1626
MEAN	41.9	1024	197	843	2319	450	520	769	1071	868	332	54.2
MAX	190	6420	1880	6110	6630	2900	4470	5720	7030	5850	1050	416
MIN	13	14	32	51	154	62	31	40	57	111	111	14
CFSM	0.09	2.12	0.41	1.74	4.79	0.93	1.07	1.59	2.21	1.79	0.69	0.11
IN.	0.10	2.36	0.47	2.01	5.17	1.07	1.20	1.83	2.47	2.07	0.79	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2004, BY WATER YEAR (WY)

MEAN	395	536	1371	1345	1356	1043	843	618	619	433	323	203
MAX	1683	1650	4928	3144	2527	2135	2201	1338	1360	868	541	632
(WY)	2002	2001	2002	1999	2001	1997	2000	1997	1997	2004	2001	2001
MIN	6.73	6.84	153	46.7	256	354	383	38.9	234	146	164	34.5
(WY)	1996	1996	2000	2000	1996	1996	1998	1996	2001	2000	2000	1999

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1996 - 2004	
ANNUAL TOTAL	198666		255867			
ANNUAL MEAN	544		699		755	
HIGHEST ANNUAL MEAN					1287	2002
LOWEST ANNUAL MEAN					346	1996
HIGHEST DAILY MEAN	7600	Feb 23	7030	Jun 29	9670	Apr 4 2000
LOWEST DAILY MEAN	13	Oct 24	13	Oct 24	5.5	Oct 20 2000
ANNUAL SEVEN-DAY MINIMUM	14	Oct 18	14	Oct 18	5.5	Oct 26 2000
MAXIMUM PEAK FLOW			7040	Jun 30	9750	Apr 3 2000
MAXIMUM PEAK STAGE			24.02	Jun 30	27.91	Dec 2 2001
INSTANTANEOUS LOW FLOW			13	Oct 24b	5.3	Oct 24 2000
ANNUAL RUNOFF (CFSM)	1.12		1.44		1.56	
ANNUAL RUNOFF (INCHES)	15.27		19.67		21.19	
10 PERCENT EXCEEDS	1440		2470		2350	
50 PERCENT EXCEEDS	167		146		169	
90 PERCENT EXCEEDS	32		20		19	

e Estimated
a May have been higher during periods of missing recrd.
b Also occurred on Oct. 25 and Sept. 28-29.

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1996 to January 1998.
WATER TEMPERATURE: July 1996 to January 1998.

INSTRUMENTATION.--Specific conductance and water temperature data logger from July 1996 to January 1998.

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Location in X-sect. looking dwnstrm ft from l bank (00009)
NOV											
04...	1000	6.73	18	--	130	765	7.9	7.2	472	21.7	--
JAN											
06...	1045	9.39	293	--	440	777	10.2	7.3	159	7.5	--
MAR											
03...	1040	18.29	3000	--	560	764	8.4	7.1	85	14.9	--
APR											
05...	1240	7.02	38	--	130	767	7.8	7.7	354	17.8	--
05...	1248	--	--	1.00	--	--	9.5	7.7	355	18.4	100
05...	1249	--	--	3.30	--	--	8.6	7.7	353	17.2	100
05...	1250	--	--	1.00	--	--	7.8	7.6	354	17.8	80.0
05...	1251	--	--	3.20	--	--	6.8	7.6	354	16.8	80.0
05...	1252	--	--	1.00	--	--	8.8	7.7	354	18.1	40.0
05...	1253	--	--	2.80	--	--	7.6	7.6	353	16.9	40.0
MAY											
03...	1140	10.73	529	--	120	765	7.3	7.5	211	19.9	--
03...	1142	--	--	1.00	--	--	7.4	7.5	211	20.0	40.0
03...	1143	--	--	7.30	--	--	7.2	7.5	211	20.0	40.0
03...	1145	--	--	1.00	--	--	7.3	7.6	211	19.9	75.0
03...	1146	--	--	8.90	--	--	7.3	7.5	211	19.9	75.0
03...	1149	--	--	1.00	--	--	7.3	7.5	210	19.9	120
03...	1150	--	--	7.80	--	--	7.3	7.5	210	19.9	120
JUN											
15...	1120	7.45	66	--	73	756	8.4	7.9	551	29.5	--
JUL											
06...	1230	12.01	838	--	60	765	4.9	7.2	277	29.8	--
AUG											
04...	1315	8.35	176	--	50	760	5.7	7.9	600	29.8	--
SEP											
08...	1015	7.01	43	--	82	757	6.3	7.5	402	25.8	--

Date	Time	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Suspended sediment concentration mg/L (80154)
NOV												
04...	1000	--	--	14.2	31.9	<.04	<.06	<.008	.022	.28	1.45	167
JAN												
06...	1045	42	51	7.59	16.5	E.04	.63	.009	.078	.47	1.73	325
MAR												
03...	1040	30	E36	2.77	5.1	.06	.31	.010	.048	.45	1.52	351
APR												
05...	1240	138	E167	6.89	36.4	<.04	<.06	<.008	.018	.23	1.26	158
MAY												
03...	1140	66	81	6.61	21.5	.05	.96	.032	.044	.24	2.25	130
JUN												
15...	1120	180	E217	8.39	79.5	.11	.64	.190	.015	.177	1.61	133
JUL												
06...	1230	103	E125	2.58	26.0	.06	1.09	.143	.099	.23	2.04	91
SEP												
08...	1015	170	207	5.24	27.4	<.04	<.06	<.008	.043	.20	.86	105

Remark codes:
< -- Less than
E -- Estimated value

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Butylate, water, fltrd, ug/L (04028)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos water, fltrd, ug/L (38933)
NOV												
04...	<.006	<.006	<.006	<.005	<.005	.013	<.050	<.010	<.004	<.041	<.020	<.005
JAN												
06...	<.006	E.005	<.006	<.005	<.005	.012	<.050	<.010	<.004	<.041	<.020	<.005
MAR												
03...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
05...	<.006	E.127	<.006	<.005	<.005	7.42	<.050	<.010	<.004	<.041	<.020	<.005
MAY												
03...	<.006	E.077	.010	<.005	<.005	1.57	<.050	<.010	<.004	<.041	<.020	<.005
JUN												
15...	<.006	E.028	E.005	<.005	<.005	.175	<.050	<.010	<.004	<.041	<.020	<.005
JUL												
06...	<.006	E.018	<.006	<.005	<.005	.096	<.050	<.010	<.004	<.041	<.020	<.005
SEP												
08...	<.006	E.004	<.006	<.005	<.005	.015	<.050	<.010	<.004	<.041	<.100	<.005

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyanazine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dieldrin, water, fltrd, ug/L (39381)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)
NOV												
04...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	E.004
JAN												
06...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
MAR												
03...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
05...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
MAY												
03...	<.006	.039	<.003	<.012	<.007	<.009	<.02	<.004	<.009	<.005	<.029	<.013
JUN												
15...	<.006	<.018	<.003	E.010	<.005	<.009	<.02	<.004	<.009	<.005	E.011	E.004
JUL												
06...	<.006	.019	<.003	E.004	<.005	<.009	<.02	<.004	<.009	<.005	E.003	E.005
SEP												
08...	<.006	.030	<.003	E.004	<.005	<.009	<.02	<.004	<.009	<.005	E.003	E.004

Date	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)
NOV												
04...	E.005	<.016	<.003	<.004	<.035	<.027	<.015	.081	<.006	.018	<.007	<.003
JAN												
06...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.050	<.006	.050	<.007	<.003
MAR												
03...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
05...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.135	<.006	.013	<.007	<.003
MAY												
03...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.427	<.006	.095	<.007	<.003
JUN												
15...	E.006	<.016	<.003	<.004	<.035	<.027	<.015	.070	<.010	.818	<.007	<.003
JUL												
06...	E.005	E.004	<.003	<.004	<.035	<.027	<.015	.098	<.006	.014	<.007	<.003
SEP												
08...	E.005	<.016	<.003	<.004	.087	<.027	<.015	.018	<.006	.013	<.007	<.003

Remark codes:
< -- Less than
E -- Estimated value

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome-ton, water, fltrd, ug/L (04037)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Propa-chlor, water, fltrd, ug/L (04024)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Sima-zine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Terba-cil, water, fltrd 0.7u GF ug/L (82665)
NOV												
04...	<.010	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	.021	<.02	<.034
JAN												
06...	<.010	<.004	<.022	<.011	<.01	<.010	<.025	E.009	<.02	.020	<.02	<.034
MAR												
03...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
05...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.112	<.02	<.034
MAY												
03...	<.010	<.004	<.022	<.011	.01	<.004	<.025	E.009	<.02	.067	<.02	<.034
JUN												
15...	<.010	<.004	.023	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034
JUL												
06...	<.010	<.004	E.011	<.011	<.01	<.004	<.025	<.011	<.02	.008	<.02	<.034
SEP												
08...	<.010	<.004	<.022	<.011	M	<.004	<.025	<.011	<.02	E.003	M	<.034

Date	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	Tri-allate, water, fltrd 0.7u GF ug/L (82678)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)
NOV				
04...	<.02	<.010	<.002	<.009
JAN				
06...	<.02	<.010	<.002	<.009
MAR				
03...	--	--	--	--
APR				
05...	<.02	<.010	<.002	<.009
MAY				
03...	<.02	<.010	<.002	<.009
JUN				
15...	<.02	.032	<.002	<.009
JUL				
06...	<.02	.018	<.002	<.009
SEP				
08...	<.02	<.010	<.002	<.009

Date	Time	Biomass peri-phyton, ashfree drymass g/m2 (49954)	Peri-phyton biomass ash weight, g/m2 (00572)	Peri-phyton biomass dry weight, g/m2 (00573)	Pheo-phytin a, peri-phyton, mg/m2 (62359)	Chloro-phyll a peri-phyton, chromo-fluoro, mg/m2 (70957)
AUG						
04...	1315	14.0	160	177.6	8.9	12.2

Remark codes:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

0728875070 DEER CREEK EAST OF LELAND, MS

LOCATION.--Lat 33°24'04", long 90°53'31", in NW1/4 NE1/4 sec.23, T.18 N., R.7 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, on right bank at downstream side of footbridge over Deer Creek between Leland High School and the vocational school, 1100 feet upstream of the U.S. Highway 12 bridge over Deer Creek and 2100 feet below the old U.S. Highway 61 crossing over Deer Creek in Leland.

DRAINAGE AREA.--80.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 107 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Oct. 31 - Nov. 5, Nov. 12, 13 and May 26-29. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD:-- Maximum discharge 800 ft^3/s, Dec. 17, 2001, maximum gage height 12.49 ft, December 17, 2001, no flow for several days in 2002, 2003 and 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 478 ft^3/s, July 7, maximum gage height 10.58 ft, July 1, no flow Oct. 1-8, 13-24, Nov. 2-17, Jan. 22, 23, Jun. 11-22, and Sept 15-30.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	e0.05	45	33	103	214	39	4.6	18	417	22	100
2	0.00	e0.00	35	30	78	190	35	7.1	33	456	18	75
3	0.00	e0.00	27	24	58	213	31	6.6	38	443	14	51
4	0.00	e0.00	18	18	43	216	27	5.7	30	433	12	33
5	0.00	e0.00	11	15	147	199	24	5.2	19	408	27	21
6	0.00	0.00	6.1	11	191	173	22	4.1	12	373	53	14
7	0.00	0.00	3.0	7.7	318	147	21	2.7	7.5	327	70	9.7
8	0.00	0.00	1.5	6.4	359	125	40	1.6	4.7	280	75	6.6
9	0.22	0.00	1.3	6.4	347	108	41	1.9	2.6	251	72	4.7
10	2.5	0.00	3.6	4.2	344	95	41	1.9	0.60	227	67	3.4
11	0.69	0.00	2.0	2.6	304	89	39	1.8	0.00	192	64	2.5
12	0.09	e0.00	1.2	1.7	311	82	81	3.8	0.00	156	59	1.4
13	0.00	e0.00	3.9	1.2	303	74	109	7.5	0.00	120	50	0.60
14	0.00	0.00	5.2	0.81	312	71	161	67	0.00	87	40	0.11
15	0.00	0.00	4.6	0.58	343	73	188	109	0.00	64	32	0.00
16	0.00	0.00	5.3	0.11	354	72	165	123	0.00	62	27	0.00
17	0.00	0.00	4.3	0.32	374	70	127	136	0.00	70	24	0.00
18	0.00	7.1	4.0	1.6	356	67	91	116	0.00	79	20	0.00
19	0.00	49	3.5	1.1	307	62	62	87	0.00	117	17	0.00
20	0.00	140	2.7	0.28	247	59	40	64	0.00	127	16	0.00
21	0.00	190	1.9	0.04	196	65	26	42	0.00	105	11	0.00
22	0.00	176	1.3	0.00	159	72	15	25	0.00	81	7.3	0.00
23	0.00	150	1.6	0.00	135	84	8.7	14	14	62	5.0	0.00
24	0.00	127	1.2	3.4	120	89	4.7	7.6	22	48	6.4	0.00
25	0.90	92	0.66	68	144	89	3.2	4.0	100	37	8.3	0.00
26	12	70	0.37	140	169	84	2.0	e1.8	105	31	23	0.00
27	9.4	63	0.16	253	267	76	0.82	e0.90	124	28	56	0.00
28	6.1	49	0.04	272	294	68	0.11	e0.50	198	25	65	0.00
29	2.8	49	27	234	255	63	0.01	e0.60	215	24	64	0.00
30	1.0	51	28	181	---	53	0.92	0.78	418	24	84	0.00
31	e0.20	---	29	137	---	45	---	12	---	25	109	---
TOTAL	35.90	1213.15	279.43	1454.44	6938	3187	1445.46	865.68	1361.40	5179	1218.0	323.01
MEAN	1.16	40.4	9.01	46.9	239	103	48.2	27.9	45.4	167	39.3	10.8
MAX	12	190	45	272	374	216	188	136	418	456	109	100
MIN	0.00	0.00	0.04	0.00	43	45	0.01	0.50	0.00	24	5.0	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	23.1	42.8	42.7	113	206	124	93.2	31.5	26.8	62.2	16.5	6.72
MAX	45.0	45.1	76.3	245	256	151	159	44.3	45.4	167	39.3	10.8
(WY)	2003	2003	2003	2002	2002	2002	2002	2002	2004	2004	2004	2004
MIN	1.16	40.4	9.01	46.9	123	103	48.2	22.3	8.97	8.00	4.01	0.77
(WY)	2004	2004	2004	2004	2003	2004	2004	2003	2002	2003	2003	2003

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	14132.53		23500.47			
ANNUAL MEAN	38.7		64.2		56.4	
HIGHEST ANNUAL MEAN					64.2	2004
LOWEST ANNUAL MEAN					48.5	2003
HIGHEST DAILY MEAN	445	Feb 27	456	Jul 2	774	Dec 17 2001
LOWEST DAILY MEAN	0.00	May 31	0.00	Oct 1	0.00	Jun 20 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 24	0.00	Oct 1	0.00	Jun 20 2002
MAXIMUM PEAK FLOW			478	Jul 1	800	Dec 17 2001
MAXIMUM PEAK STAGE			10.58	Jul 1	12.49	Dec 17 2001
INSTANTANEOUS LOW FLOW			0.00	Oct 1		
10 PERCENT EXCEEDS	110		198		161	
50 PERCENT EXCEEDS	12		21		21	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1996, 2002 to current year.

PERIOD OF DAILY RECORD.--
TURBIDITY: December 2001 to current year.
DISSOLVED OXYGEN: December 2001 to January 2005 (discontinued).
pH: December 2001 to current year.
SPECIFIC CONDUCTANCE: December 2001 to current year.
WATER TEMPERATURE: December 2001 to current year.

INSTRUMENTATION.--Water-quality monitor since December 2001.

REMARKS.--Turbidity records fair. Dissolved oxygen records poor. pH records good. Specific conductance records good. Water temperature records excellent. Interruptions in the record were due to malfunctions of the instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
TURBIDITY: Maximum, 1,600 NTU, Apr. 7, 10, 2003; minimum, 2.0 NTU, Aug. 1, 2003.
DISSOLVED OXYGEN: Maximum, 14.7 mg/L, June 10, 2003; minimum, 0 mg/L, on several days in water years 2002 and 2003.
pH: Maximum, 9.4 units, Apr. 29, May 7, 8, 2004; minimum, 6.6 units, Nov. 21, 22, 23, 2003.
SPECIFIC CONDUCTANCE: Maximum, 694 microsiemens, Nov. 20, 2003; minimum, 44 microsiemens, Jan. 27, 28, 2002.
WATER TEMPERATURE: Maximum, 34.4 °C, July 17, 2003; minimum, 3.1 °C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--
TURBIDITY: Maximum, 1,500 NTU, Feb. 6, 7, 8, 10; minimum, 4.1 NTU, Aug. 22.
DISSOLVED OXYGEN: (Oct. 1-Jan. 27) Maximum, 10.5 mg/L, Jan. 25; minimum, 1.5 mg/L, Oct. 28.
pH: Maximum, 9.4 units, Apr. 29, May 7, 8; minimum, 6.6 units, Nov. 21, 22, 23.
SPECIFIC CONDUCTANCE: Maximum, 694 microsiemens, Nov. 20; minimum, 61 microsiemens, Feb. 8, 9.
WATER TEMPERATURE: Maximum, 34.0 °C, June 18; minimum, 5.0 °C, Feb. 18.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Stream width, feet (00004)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Location in X-sect. looking dwnstrm ft from l bank (00009)
OCT												
01...	1310	.00	--	--	--	776	--	--	--	--	78	--
16...	1420	.00	--	115	--	770	--	--	--	--	62	--
16...	1421	--	--	--	26	--	8.4	7.9	366	20.9	--	12.0
16...	1422	--	--	--	21	--	8.4	7.9	366	21.1	--	22.0
16...	1423	--	--	--	21	--	8.4	8.0	365	21.0	--	32.0
16...	1424	--	--	--	21	--	8.4	8.0	365	21.1	--	42.0
16...	1425	--	--	--	25	--	8.4	8.0	365	21.1	--	52.0
16...	1426	--	--	--	24	--	8.4	8.1	367	20.7	--	62.0
16...	1427	--	--	--	23	--	8.4	8.0	366	20.7	--	72.0
16...	1428	--	--	--	24	--	8.3	8.0	366	20.6	--	82.0
16...	1429	--	--	--	30	--	8.3	8.0	365	20.5	--	92.0
16...	1430	--	--	--	25	--	8.3	8.0	366	20.8	--	102
29...	1245	2.2	--	--	--	766	--	--	--	--	52	--
29...	1246	--	1.00	--	24	--	3.7	7.0	261	17.6	--	83.0
NOV												
12...	1235	.00	--	--	--	766	--	--	--	--	60	--
24...	1510	123	--	125	--	769	--	--	--	--	340	--
24...	1511	--	--	--	490	--	7.3	6.7	139	13.6	--	20.0
24...	1512	--	--	--	440	--	7.3	6.7	139	13.6	--	30.0
24...	1513	--	--	--	480	--	7.3	6.7	138	13.6	--	40.0
24...	1514	--	--	--	500	--	7.2	6.7	138	13.6	--	50.0
24...	1515	--	--	--	480	--	7.2	6.7	138	13.5	--	60.0
24...	1516	--	--	--	510	--	7.3	6.7	138	13.5	--	70.0
24...	1517	--	--	--	500	--	7.3	6.7	138	13.5	--	80.0
24...	1518	--	--	--	510	--	7.3	6.7	138	13.5	--	90.0
24...	1519	--	--	--	480	--	7.3	6.7	138	13.4	--	100
24...	1520	--	--	--	450	--	7.3	6.7	139	13.4	--	110
DEC												
09...	1125	.78	--	--	--	760	--	--	--	--	134	--
22...	1225	1.3	--	116	--	773	--	--	--	--	84	--
JAN												
07...	1530	6.7	--	116	--	777	--	--	--	--	240	--
07...	1531	--	--	--	180	--	8.9	7.2	180	7.6	--	13.0
07...	1532	--	--	--	190	--	8.4	7.2	180	7.6	--	23.0
07...	1533	--	--	--	190	--	8.2	7.1	180	7.6	--	33.0
07...	1534	--	--	--	190	--	8.2	7.1	180	7.6	--	43.0
07...	1535	--	--	--	190	--	8.4	7.1	180	7.6	--	53.0
07...	1536	--	--	--	190	--	8.4	7.1	180	7.6	--	63.0
07...	1537	--	--	--	180	--	8.5	7.1	180	7.6	--	73.0
07...	1538	--	--	--	190	--	8.5	7.1	180	7.6	--	83.0
07...	1539	--	--	--	180	--	8.5	7.1	180	7.7	--	93.0
07...	1540	--	--	--	190	--	8.5	7.1	180	7.7	--	103
27...	1345	262	--	--	--	776	--	--	--	--	274	--
FEB												
09...	1100	348	--	--	--	--	--	--	--	--	493	--
09...	1200	348	--	--	--	--	--	--	--	--	474	--
18...	1130	360	--	134	--	783	--	--	--	--	356	--
18...	1131	--	.10	--	680	--	13.1	7.4	81	5.8	--	29.0
18...	1132	--	1.00	--	680	--	12.4	7.3	81	5.8	--	29.0
18...	1133	--	2.00	--	600	--	12.2	7.3	81	5.8	--	29.0
18...	1134	--	3.00	--	670	--	12.1	7.2	81	5.8	--	29.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Time	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Stream width, feet (00004)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Location in X-sect. looking dwnstrm ft from l bank (00009)
FEB												
18...	1135	--	4.00	--	690	--	12.1	7.2	81	5.8	--	29.0
18...	1136	--	.10	--	740	--	13.6	7.3	80	5.7	--	49.0
18...	1137	--	1.00	--	600	--	12.8	7.3	80	5.7	--	49.0
18...	1138	--	2.00	--	690	--	12.1	7.3	80	5.6	--	49.0
18...	1139	--	3.00	--	680	--	12.0	7.2	80	5.6	--	49.0
18...	1140	--	4.00	--	720	--	12.0	7.2	80	5.6	--	49.0
18...	1141	--	.10	--	750	--	13.4	7.3	80	5.7	--	69.0
18...	1142	--	1.00	--	650	--	12.8	7.3	80	5.7	--	69.0
18...	1143	--	2.00	--	690	--	12.2	7.3	80	5.6	--	69.0
18...	1144	--	3.00	--	720	--	12.1	7.2	80	5.6	--	69.0
18...	1145	--	4.00	--	700	--	12.1	7.2	80	5.6	--	69.0
18...	1146	--	.10	--	670	--	13.3	7.3	80	5.7	--	89.0
18...	1147	--	1.00	--	710	--	12.7	7.3	80	5.6	--	89.0
18...	1148	--	2.00	--	720	--	12.2	7.2	80	5.6	--	89.0
18...	1149	--	3.00	--	720	--	12.1	7.2	80	5.6	--	89.0
18...	1150	--	4.00	--	680	--	12.1	7.2	80	5.6	--	89.0
18...	1151	--	.10	--	670	--	13.3	7.3	80	5.8	--	109
18...	1152	--	1.00	--	640	--	12.4	7.3	80	5.7	--	109
18...	1153	--	2.00	--	680	--	12.2	7.2	80	5.7	--	109
18...	1154	--	3.00	--	700	--	12.1	7.2	80	5.7	--	109
18...	1155	--	4.00	--	710	--	12.2	7.2	80	5.7	--	109
MAR												
09...	1345	108	--	125	--	--	--	--	--	--	--	--
09...	1346	--	.10	--	220	--	9.2	7.0	122	16.1	--	25.0
09...	1347	--	1.00	--	230	--	9.1	7.0	122	16.0	--	25.0
09...	1348	--	2.00	--	220	--	9.1	7.0	122	16.0	--	25.0
09...	1349	--	3.00	--	250	--	9.0	7.0	122	16.0	--	25.0
09...	1350	--	4.00	--	260	--	9.0	7.0	122	16.0	--	25.0
09...	1351	--	.10	--	250	--	9.6	6.9	122	16.1	--	45.0
09...	1352	--	1.00	--	210	--	9.2	6.9	122	16.1	--	45.0
09...	1353	--	2.00	--	220	--	9.2	7.0	122	16.0	--	45.0
09...	1354	--	3.00	--	220	--	9.2	6.9	122	16.0	--	45.0
09...	1355	--	4.00	--	220	--	9.1	6.9	122	16.0	--	45.0
09...	1356	--	.10	--	210	--	9.3	7.0	122	16.1	--	65.0
09...	1357	--	1.00	--	230	--	9.2	7.0	122	16.1	--	65.0
09...	1358	--	2.00	--	230	--	9.2	7.0	122	16.0	--	65.0
09...	1359	--	3.00	--	220	--	9.1	7.0	122	15.9	--	65.0
09...	1400	--	4.00	--	220	--	9.0	7.0	122	15.9	--	65.0
09...	1401	--	.10	--	220	--	9.2	6.9	122	16.2	--	85.0
09...	1402	--	1.00	--	220	--	9.2	6.9	122	16.2	--	85.0
09...	1403	--	2.00	--	220	--	9.2	7.0	122	16.1	--	85.0
09...	1404	--	3.00	--	220	--	9.2	6.9	122	16.1	--	85.0
09...	1405	--	4.00	--	220	--	9.2	7.0	122	16.1	--	85.0
09...	1406	--	.10	--	220	--	9.2	7.0	122	16.2	--	105
09...	1407	--	1.00	--	220	--	9.3	7.0	122	16.2	--	105
09...	1408	--	2.00	--	220	--	9.2	7.0	122	16.2	--	105
09...	1409	--	3.00	--	220	--	9.2	7.0	122	16.2	--	105
09...	1410	--	4.00	--	220	--	9.2	7.0	122	16.2	--	105
30...	1000	54	--	118	--	--	--	--	--	--	74	--
30...	1001	--	.10	--	--	--	9.0	7.3	154	18.8	--	20.0
30...	1002	--	1.00	--	84	--	8.6	7.3	154	18.7	--	20.0
30...	1003	--	2.00	--	73	--	8.5	7.3	154	18.6	--	20.0
30...	1004	--	3.00	--	73	--	8.2	7.2	154	18.5	--	20.0
30...	1005	--	.10	--	72	--	8.4	7.2	155	18.8	--	40.0
30...	1006	--	1.00	--	72	--	8.4	7.2	155	18.8	--	40.0
30...	1007	--	2.00	--	72	--	8.4	7.2	155	18.8	--	40.0
30...	1008	--	3.00	--	72	--	8.4	7.2	155	18.8	--	40.0
30...	1009	--	4.00	--	74	--	8.1	7.2	154	18.5	--	40.0
30...	1010	--	.10	--	69	--	8.4	7.2	153	18.9	--	60.0
30...	1011	--	1.00	--	71	--	8.4	7.2	154	18.8	--	60.0
30...	1012	--	2.00	--	72	--	8.3	7.2	155	18.6	--	60.0
30...	1013	--	3.00	--	73	--	8.1	7.2	155	18.5	--	60.0
30...	1014	--	4.00	--	75	--	7.9	7.2	155	18.4	--	60.0
30...	1015	--	.10	--	73	--	8.5	7.2	153	18.8	--	80.0
30...	1016	--	1.00	--	71	--	8.5	7.2	153	18.8	--	80.0
30...	1017	--	2.00	--	70	--	8.4	7.2	154	18.7	--	80.0
30...	1018	--	3.00	--	74	--	8.1	7.2	154	18.4	--	80.0
30...	1019	--	4.00	--	76	--	7.9	7.2	154	18.4	--	80.0
30...	1020	--	.10	--	70	--	8.5	7.2	152	18.8	--	100
30...	1021	--	1.00	--	72	--	8.5	7.2	152	18.8	--	100
30...	1022	--	2.00	--	73	--	8.4	7.3	152	18.6	--	100
30...	1023	--	3.00	--	74	--	8.2	7.2	152	18.5	--	100
30...	1024	--	4.00	--	--	--	8.0	7.2	152	18.5	--	100
APR												
20...	1120	41	--	117	--	771	--	--	--	--	121	--
20...	1121	--	1.00	--	120	--	7.3	7.1	181	21.1	--	19.0
20...	1122	--	2.00	--	120	--	7.2	7.1	182	21.1	--	19.0
20...	1123	--	3.00	--	--	--	6.4	7.1	182	20.6	--	19.0
20...	1124	--	1.00	--	120	--	7.1	7.0	181	21.2	--	39.0
20...	1125	--	2.00	--	120	--	7.0	7.0	181	21.0	--	39.0
20...	1126	--	3.00	--	120	--	6.8	7.0	182	20.6	--	39.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Time	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Stream width, feet (00004)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Location in X-sect. looking dwnstrm ft from l bank (00009)
APR												
20...	1127	--	4.00	--	130	--	6.2	7.0	182	20.4	--	39.0
20...	1128	--	1.00	--	120	--	6.8	7.0	180	21.2	--	59.0
20...	1129	--	2.00	--	120	--	6.9	7.0	181	21.2	--	59.0
20...	1130	--	3.00	--	120	--	6.7	7.0	181	20.7	--	59.0
20...	1131	--	4.00	--	120	--	6.4	7.0	181	20.4	--	59.0
20...	1132	--	1.00	--	120	--	6.8	7.0	181	21.2	--	79.0
20...	1133	--	2.00	--	120	--	6.8	7.0	180	20.8	--	79.0
20...	1134	--	3.00	--	120	--	6.6	7.0	180	20.6	--	79.0
20...	1135	--	4.00	--	130	--	6.1	7.0	181	20.3	--	79.0
20...	1136	--	1.00	--	120	--	7.0	7.0	180	21.1	--	99.0
20...	1137	--	2.00	--	120	--	6.6	7.0	180	20.8	--	99.0
20...	1138	--	3.00	--	130	--	6.5	7.0	180	20.7	--	99.0
20...	1139	--	4.00	--	130	--	6.3	7.0	180	20.9	--	99.0
MAY												
12...	1430	1.9	--	116	--	770	--	--	--	--	151	--
12...	1431	--	1.00	--	30	--	6.7	8.5	255	24.4	--	18.0
12...	1432	--	2.00	--	30	--	6.7	8.5	255	24.3	--	18.0
12...	1433	--	1.00	--	33	--	6.6	8.5	255	24.3	--	38.0
12...	1434	--	2.00	--	30	--	6.6	8.5	255	24.3	--	38.0
12...	1435	--	3.00	--	30	--	6.6	8.5	255	24.3	--	38.0
12...	1436	--	4.00	--	40	--	6.6	8.5	255	24.3	--	38.0
12...	1437	--	1.00	--	31	--	6.7	8.5	255	24.4	--	58.0
12...	1438	--	2.00	--	31	--	6.7	8.5	255	24.4	--	58.0
12...	1439	--	3.00	--	31	--	6.6	8.5	255	24.4	--	58.0
12...	1440	--	4.00	--	32	--	6.6	8.5	253	24.3	--	58.0
12...	1441	--	1.00	--	30	--	6.7	8.5	254	24.3	--	78.0
12...	1442	--	2.00	--	30	--	6.7	8.5	254	24.3	--	78.0
12...	1443	--	3.00	--	30	--	6.8	8.5	254	24.3	--	78.0
12...	1444	--	4.00	--	37	--	6.6	8.5	253	24.3	--	78.0
12...	1445	--	1.00	--	34	--	6.6	8.5	254	24.3	--	98.0
12...	1446	--	2.00	--	35	--	6.4	8.5	254	24.3	--	98.0
12...	1447	--	3.00	--	40	--	6.2	8.5	254	24.3	--	98.0
JUN												
01...	1230	18	--	118	--	767	--	--	--	--	70	--
01...	1231	--	1.00	--	68	--	8.3	8.7	210	27.2	--	18.0
01...	1232	--	2.00	--	70	--	8.4	8.7	210	27.2	--	18.0
01...	1233	--	3.00	--	--	--	8.3	8.7	210	27.0	--	18.0
01...	1234	--	1.00	--	64	--	8.1	8.7	209	27.3	--	38.0
01...	1235	--	2.00	--	67	--	8.1	8.8	209	27.3	--	38.0
01...	1236	--	3.00	--	74	--	7.9	8.7	209	27.0	--	38.0
01...	1237	--	4.00	--	87	--	6.7	8.6	209	26.6	--	38.0
01...	1238	--	1.00	--	75	--	7.9	8.7	209	27.1	--	58.0
01...	1239	--	2.00	--	73	--	8.0	8.7	209	27.0	--	58.0
01...	1240	--	3.00	--	74	--	7.4	8.7	209	26.8	--	58.0
01...	1241	--	4.00	--	89	--	6.6	8.5	209	26.6	--	58.0
01...	1242	--	1.00	--	69	--	7.9	8.7	209	27.0	--	78.0
01...	1243	--	2.00	--	72	--	8.0	8.7	209	26.9	--	78.0
01...	1244	--	3.00	--	76	--	7.4	8.6	209	26.7	--	78.0
01...	1245	--	4.00	--	80	--	6.9	8.6	209	26.6	--	78.0
01...	1246	--	1.00	--	74	--	7.9	8.7	208	27.0	--	108
01...	1247	--	2.00	--	75	--	7.8	8.7	208	26.9	--	108
01...	1248	--	3.00	--	77	--	7.7	8.6	208	26.9	--	108
01...	1249	--	4.00	--	85	--	7.4	8.6	209	26.8	--	108
23...	1530	25	--	133	--	770	--	--	--	--	64	--
23...	1531	--	1.00	--	34	--	8.4	8.0	289	27.9	--	20.0
23...	1532	--	2.00	--	39	--	7.7	7.8	290	27.6	--	20.0
23...	1533	--	1.00	--	38	--	7.6	7.9	302	28.0	--	40.0
23...	1534	--	2.00	--	39	--	7.1	7.8	299	27.7	--	40.0
23...	1535	--	3.00	--	42	--	6.2	7.8	295	27.4	--	40.0
23...	1536	--	4.00	--	50	--	5.0	7.7	288	27.0	--	40.0
23...	1537	--	1.00	--	37	--	7.0	7.8	296	27.9	--	60.0
23...	1538	--	2.00	--	36	--	6.8	7.8	296	27.6	--	60.0
23...	1539	--	3.00	--	40	--	5.0	7.7	291	27.2	--	60.0
23...	1540	--	4.00	--	44	--	4.6	7.6	282	26.9	--	60.0
23...	1541	--	1.00	--	35	--	7.1	7.7	295	27.9	--	80.0
23...	1542	--	2.00	--	38	--	6.4	7.7	295	27.3	--	80.0
23...	1543	--	3.00	--	48	--	4.7	7.6	291	27.0	--	80.0
23...	1544	--	4.00	--	--	--	4.2	7.5	280	26.9	--	80.0
23...	1545	--	1.00	--	35	--	7.4	7.8	297	28.0	--	100
23...	1546	--	2.00	--	33	--	6.9	7.7	300	27.6	--	100
23...	1547	--	3.00	--	42	--	4.6	7.6	289	27.2	--	100
JUL												
08...	1115	281	--	131	--	770	--	--	--	--	30	--
08...	1116	--	1.00	--	13	--	2.1	7.0	134	27.1	--	27.0
08...	1117	--	2.00	--	12	--	2.0	7.0	134	27.1	--	27.0
08...	1118	--	3.00	--	12	--	2.0	7.0	134	27.1	--	27.0
08...	1119	--	4.00	--	14	--	2.0	7.0	134	27.1	--	27.0
08...	1120	--	1.00	--	12	--	2.0	7.0	134	27.1	--	47.0
08...	1121	--	2.00	--	10	--	1.9	7.0	134	27.2	--	47.0
08...	1122	--	3.00	--	11	--	1.9	7.0	134	27.1	--	47.0
08...	1123	--	4.00	--	11	--	1.9	7.0	134	27.1	--	47.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Time	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Stream width, feet (00004)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Location in X-sect. looking dwnstrm ft from l bank (00009)
JUL												
08...	1124	--	1.00	--	11	--	2.0	7.0	133	27.3	--	67.0
08...	1125	--	2.00	--	12	--	1.9	7.0	133	27.2	--	67.0
08...	1126	--	3.00	--	12	--	1.9	7.0	133	27.1	--	67.0
08...	1127	--	4.00	--	11	--	1.9	7.0	133	27.1	--	67.0
08...	1128	--	1.00	--	13	--	2.0	7.0	133	27.2	--	87.0
08...	1129	--	2.00	--	12	--	1.9	7.0	133	27.2	--	87.0
08...	1130	--	3.00	--	11	--	1.9	7.0	133	27.1	--	87.0
08...	1131	--	4.00	--	11	--	1.8	7.0	133	27.1	--	87.0
08...	1132	--	1.00	--	12	--	2.0	7.0	132	27.2	--	107
08...	1133	--	2.00	--	12	--	2.0	7.0	133	27.2	--	107
08...	1134	--	3.00	--	12	--	2.0	7.0	133	27.2	--	107
08...	1135	--	4.00	--	12	--	1.9	7.0	133	27.2	--	107
AUG												
10...	1430	68	--	121	--	770	--	--	--	--	49	--
10...	1431	--	1.00	--	23	--	7.5	7.6	204	28.7	--	22.0
10...	1432	--	2.00	--	32	--	6.7	7.5	205	27.5	--	22.0
10...	1433	--	1.00	--	24	--	8.2	7.7	206	29.1	--	42.0
10...	1434	--	2.00	--	31	--	7.4	7.6	205	27.9	--	42.0
10...	1435	--	3.00	--	33	--	6.2	7.5	204	27.1	--	42.0
10...	1436	--	4.00	--	39	--	5.7	7.4	205	27.1	--	42.0
10...	1437	--	1.00	--	24	--	8.7	7.8	205	29.2	--	62.0
10...	1438	--	2.00	--	24	--	8.0	7.7	205	28.4	--	62.0
10...	1439	--	3.00	--	30	--	7.0	7.6	206	27.5	--	62.0
10...	1440	--	4.00	--	36	--	5.9	7.5	206	27.1	--	62.0
10...	1441	--	1.00	--	24	--	8.4	7.8	204	29.0	--	82.0
10...	1442	--	2.00	--	25	--	8.3	7.7	204	28.0	--	82.0
10...	1443	--	3.00	--	27	--	7.1	7.6	205	27.5	--	82.0
10...	1444	--	4.00	--	32	--	6.3	7.5	205	27.2	--	82.0
10...	1445	--	1.00	--	23	--	7.8	7.7	204	28.8	--	102
10...	1446	--	2.00	--	26	--	7.9	7.7	203	28.3	--	102
10...	1447	--	3.00	--	34	--	6.6	7.5	203	27.6	--	102
10...	1448	--	4.00	--	39	--	5.9	7.4	202	27.2	--	102
31...	1105	112	--	125	--	773	--	--	--	--	41	--
31...	1106	--	1.00	--	49	--	3.1	7.3	172	26.4	--	25.0
31...	1107	--	2.00	--	46	--	3.0	7.3	173	26.4	--	25.0
31...	1108	--	3.00	--	43	--	2.9	7.3	172	26.4	--	25.0
31...	1109	--	1.00	--	26	--	3.1	7.3	171	26.7	--	45.0
31...	1110	--	2.00	--	27	--	3.0	7.3	171	26.5	--	45.0
31...	1111	--	3.00	--	28	--	2.8	7.3	171	26.4	--	45.0
31...	1112	--	4.00	--	29	--	2.7	7.3	171	26.3	--	45.0
31...	1113	--	1.00	--	27	--	3.1	7.3	170	26.8	--	65.0
31...	1114	--	2.00	--	26	--	3.1	7.3	169	26.5	--	65.0
31...	1115	--	3.00	--	28	--	2.9	7.3	168	26.3	--	65.0
31...	1116	--	4.00	--	30	--	2.6	7.3	168	26.3	--	65.0
31...	1117	--	1.00	--	27	--	3.1	7.3	169	26.8	--	85.0
31...	1118	--	2.00	--	26	--	3.1	7.3	170	26.6	--	85.0
31...	1119	--	3.00	--	27	--	2.8	7.3	170	26.4	--	85.0
31...	1120	--	4.00	--	31	--	2.6	7.3	170	26.3	--	85.0
31...	1121	--	1.00	--	26	--	3.3	7.3	170	26.8	--	105
31...	1122	--	2.00	--	26	--	3.3	7.3	169	26.6	--	105
31...	1123	--	3.00	--	27	--	2.8	7.3	171	26.4	--	105
31...	1124	--	4.00	--	30	--	2.6	7.3	170	26.3	--	105
SEP												
14...	1115	.00	--	113	--	769	--	--	--	--	58	--
14...	1116	--	1.00	--	28	--	5.4	7.3	210	26.6	--	18.0
14...	1117	--	2.00	--	28	--	5.2	7.3	210	26.5	--	18.0
14...	1118	--	1.00	--	34	--	5.6	7.3	210	26.5	--	38.0
14...	1119	--	2.00	--	35	--	5.0	7.3	210	26.4	--	38.0
14...	1120	--	3.00	--	40	--	4.5	7.2	210	26.2	--	38.0
14...	1121	--	1.00	--	30	--	5.2	7.3	211	26.6	--	58.0
14...	1122	--	2.00	--	31	--	5.1	7.3	211	26.5	--	58.0
14...	1123	--	3.00	--	41	--	4.6	7.2	211	26.3	--	58.0
14...	1124	--	4.00	--	45	--	4.0	7.0	212	26.3	--	58.0
14...	1125	--	1.00	--	30	--	5.0	7.3	210	26.5	--	78.0
14...	1126	--	2.00	--	30	--	5.0	7.3	210	26.4	--	78.0
14...	1127	--	3.00	--	34	--	4.5	7.2	211	26.4	--	78.0
14...	1128	--	4.00	--	--	--	3.9	7.2	211	26.3	--	78.0
14...	1129	--	1.00	--	24	--	5.3	7.3	210	26.7	--	98.0
14...	1130	--	2.00	--	26	--	4.9	7.3	211	26.4	--	98.0
14...	1131	--	3.00	--	33	--	4.6	7.2	210	26.4	--	98.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Turbidity, water, unfiltered, nephelometric turbidity units

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	54	39	46	---	---	---	240	160	190	290	160	200
2	62	37	48	---	---	---	180	150	170	580	260	390
3	66	38	50	---	---	---	180	140	160	550	290	410
4	50	32	42	---	---	---	260	170	230	290	180	240
5	52	23	38	42	22	29	260	220	240	210	180	190
6	54	32	44	80	24	49	230	180	200	180	170	180
7	82	32	50	160	43	73	190	170	180	170	160	160
8	96	58	82	91	28	65	170	160	160	170	150	160
9	140	55	94	39	21	31	180	150	160	160	140	150
10	95	38	68	45	23	32	160	150	160	150	140	150
11	67	25	47	52	29	40	160	140	150	140	130	140
12	38	25	30	---	---	---	150	140	150	140	120	130
13	32	20	26	---	---	---	150	130	140	130	110	120
14	45	23	29	41	32	36	150	130	140	150	110	120
15	45	20	25	50	29	35	130	120	130	150	120	130
16	31	19	22	35	18	26	130	120	120	160	130	140
17	30	20	22	49	23	36	120	110	120	150	120	140
18	36	19	22	43	26	35	120	110	110	130	120	120
19	28	19	22	99	28	40	120	110	110	130	110	120
20	34	19	26	490	71	250	110	100	110	110	110	110
21	41	25	31	940	340	630	110	91	100	120	97	110
22	50	25	33	920	610	740	110	94	98	130	96	100
23	49	28	36	800	460	590	110	89	100	120	100	100
24	45	27	37	580	---	---	95	78	89	130	100	110
25	48	27	36	---	---	---	90	82	85	440	100	220
26	56	34	43	---	---	---	86	77	81	1000	200	510
27	41	23	33	380	320	340	80	73	77	630	390	480
28	37	20	29	390	270	330	82	71	76	850	500	650
29	55	23	30	330	240	280	89	71	81	840	480	620
30	44	28	35	360	230	310	150	84	110	590	400	490
31	---	---	---	---	---	---	190	98	150	470	300	380
		FEBRUARY			MARCH			APRIL			MAY	
1	300	210	260	560	370	460	58	38	49	34	22	28
2	220	180	200	400	290	340	49	33	42	36	23	28
3	200	180	180	320	260	290	44	34	39	40	25	31
4	200	180	190	380	250	280	47	30	36	54	25	37
5	1400	180	570	560	370	480	82	23	36	44	19	28
6	1500	440	910	450	260	330	66	23	35	31	17	24
7	1500	540	790	270	210	230	41	22	27	74	17	26
8	1500	840	1300	250	220	230	190	29	42	27	15	21
9	1400	660	970	240	190	220	290	20	100	53	12	22
10	1500	510	740	210	170	190	33	20	26	48	19	30
11	860	380	560	180	150	170	54	23	35	43	13	21
12	690	350	460	160	140	150	210	48	100	37	18	27
13	500	320	420	160	140	150	540	100	340	49	31	37
14	600	340	430	170	150	160	390	180	260	400	38	150
15	820	310	490	170	140	160	250	180	220	540	220	360
16	710	350	500	150	110	130	220	160	190	410	110	250
17	580	300	410	120	110	110	160	110	140	190	95	130
18	820	460	640	120	99	110	130	110	120	160	110	130
19	740	440	540	100	66	87	140	110	120	170	120	140
20	470	370	420	71	52	62	130	97	120	130	74	99
21	400	300	340	63	51	58	110	85	97	140	54	76
22	320	260	280	64	52	58	93	64	80	120	57	81
23	290	250	270	70	52	58	70	42	56	110	45	72
24	300	250	270	120	55	62	94	30	50	82	34	50
25	340	240	280	95	59	75	45	22	31	57	30	41
26	450	310	380	120	61	72	37	24	29	---	---	---
27	470	290	340	91	63	77	47	24	31	---	---	---
28	850	440	590	85	57	72	54	28	36	---	---	---
29	860	530	640	64	52	58	52	22	34	---	---	---
30	---	---	---	79	54	66	50	26	35	64	35	49
31	---	---	---	84	55	65	---	---	---	62	39	47

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Turbidity, water, unfiltered, nephelometric turbidity units--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	40	72	200	91	130	160	110	130	63	33	47
2	110	72	89	170	86	120	170	97	110	55	32	42
3	98	45	62	90	69	78	150	84	94	43	31	37
4	68	43	54	96	60	83	94	63	78	40	30	35
5	70	36	53	72	53	62	170	68	79	46	30	39
6	41	19	30	54	32	45	98	77	87	48	26	36
7	47	19	31	35	20	27	130	90	110	50	25	33
8	54	26	37	24	12	15	---	---	---	44	18	30
9	62	25	38	17	5.0	11	---	---	---	43	17	29
10	44	25	33	20	10	15	---	---	---	35	18	26
11	66	27	35	25	16	20	43	27	32	43	18	26
12	57	22	32	32	20	24	33	25	30	37	16	27
13	35	19	27	36	26	29	35	23	29	56	19	30
14	48	24	32	40	30	34	42	23	29	38	22	30
15	43	25	33	70	27	35	41	20	32	40	25	29
16	60	28	37	42	26	33	42	19	31	50	23	28
17	45	24	35	35	13	20	36	21	30	47	19	25
18	44	17	29	30	16	23	52	18	30	39	21	32
19	49	24	37	30	23	27	43	15	27	78	25	34
20	60	29	42	48	26	33	28	17	22	75	27	34
21	67	35	50	71	44	59	19	7.1	15	40	28	34
22	75	42	57	48	34	41	22	4.1	12	54	28	39
23	60	29	45	41	30	35	36	9.1	19	57	32	43
24	91	43	62	41	27	33	37	13	22	57	30	41
25	280	53	130	41	22	31	40	15	26	55	32	40
26	280	69	140	41	29	33	35	17	25	53	35	45
27	250	70	140	59	26	40	36	16	23	120	44	55
28	260	60	140	210	52	88	29	15	22	77	38	55
29	150	63	110	500	110	280	36	21	28	73	39	54
30	240	63	160	500	93	140	28	18	22	72	37	52
31	---	---	---	210	120	140	39	24	32	---	---	---

Dissolved oxygen, water, unfiltered, milligrams per liter

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	4.3	6.2	---	---	---	6.2	5.8	6.0	8.3	7.5	7.9
2	7.7	6.4	7.0	---	---	---	7.0	6.2	6.6	7.7	6.5	7.2
3	8.2	6.1	7.0	---	---	---	6.6	6.3	6.4	7.0	6.2	6.5
4	8.7	6.5	7.5	---	---	---	6.5	6.3	6.4	8.0	6.4	6.9
5	9.3	5.8	7.5	7.9	4.3	6.0	7.2	6.2	6.7	8.0	6.5	7.3
6	8.4	5.5	6.4	7.2	4.8	6.0	7.6	7.2	7.4	9.4	7.4	8.2
7	6.7	4.1	5.1	6.3	5.5	5.9	7.6	7.2	7.4	9.0	7.5	8.1
8	6.7	3.4	4.6	8.7	5.2	6.7	7.8	7.5	7.7	8.4	8.0	8.2
9	6.6	3.8	5.1	8.8	6.6	7.5	8.8	7.7	8.0	9.0	8.3	8.7
10	6.3	2.9	4.8	8.4	6.7	7.6	8.1	7.8	8.0	9.5	8.7	9.1
11	4.8	2.3	3.4	8.7	7.0	7.7	8.0	7.4	7.8	9.5	9.1	9.3
12	8.8	2.9	5.6	---	---	---	7.7	7.3	7.5	9.3	8.7	9.1
13	8.3	5.0	6.3	---	---	---	7.9	7.3	7.8	9.0	8.6	8.9
14	8.4	5.3	6.8	8.8	7.6	8.1	7.8	7.2	7.5	8.8	8.0	8.4
15	8.2	5.9	7.2	9.5	7.5	8.3	7.8	7.1	7.5	8.8	7.8	8.4
16	8.4	6.1	7.2	8.6	6.2	7.7	8.1	7.6	7.9	8.3	7.3	7.8
17	8.0	6.5	7.3	7.0	5.3	6.2	8.3	7.8	8.0	8.4	7.4	7.9
18	8.5	6.6	7.5	7.5	5.3	6.3	8.6	7.8	8.2	8.7	7.9	8.5
19	8.9	6.6	7.6	7.7	5.3	6.3	9.0	8.4	8.7	9.6	8.6	9.1
20	9.1	6.5	7.7	6.1	2.8	4.2	8.8	8.3	8.6	10.0	9.6	9.8
21	9.0	6.3	7.6	4.1	2.8	3.4	8.8	8.2	8.6	10.2	9.6	9.8
22	8.9	6.2	7.5	4.2	3.8	4.0	10.2	8.4	8.9	10.1	9.6	9.8
23	8.6	6.3	7.2	5.1	3.8	4.1	8.5	8.1	8.3	10.0	9.3	9.7
24	7.3	5.7	6.5	---	---	---	8.4	7.8	8.1	9.6	9.1	9.4
25	8.1	5.8	6.7	---	---	---	8.3	7.6	8.0	10.5	9.5	10.1
26	7.5	5.1	6.0	---	---	---	8.2	7.6	7.9	10.2	8.7	9.3
27	6.5	4.3	5.3	5.7	5.2	5.5	8.2	7.5	7.9	---	---	---
28	5.3	1.5	3.9	7.1	5.7	6.5	8.6	8.0	8.3	---	---	---
29	4.6	1.7	3.1	7.2	6.6	6.9	9.8	7.7	8.9	---	---	---
30	5.3	3.5	4.4	6.6	5.8	6.1	10.1	9.3	9.8	---	---	---
31	---	---	---	---	---	---	9.9	8.1	9.1	---	---	---

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	6.4	4.8	5.5	---	---	---	---	---	---
2	---	---	---	6.1	5.0	5.3	---	---	---	---	---	---
3	---	---	---	5.1	4.9	5.0	---	---	---	---	---	---
4	---	---	---	5.0	4.6	4.8	---	---	---	---	---	---
5	---	---	---	5.0	4.5	4.8	---	---	---	---	---	---
6	---	---	---	5.0	4.3	4.6	---	---	---	---	---	---
7	---	---	---	4.5	3.6	4.1	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	7.2	4.9	6.0	---	---	---
12	---	---	---	---	---	---	7.9	4.3	5.7	---	---	---
13	---	---	---	---	---	---	8.0	4.5	6.1	---	---	---
14	---	---	---	---	---	---	9.0	4.7	6.7	---	---	---
15	---	---	---	---	---	---	9.4	5.1	6.8	---	---	---
16	---	---	---	---	---	---	9.9	5.6	7.5	---	---	---
17	---	---	---	---	---	---	8.7	4.8	7.1	---	---	---
18	---	---	---	---	---	---	8.3	5.4	6.8	---	---	---
19	---	---	---	---	---	---	6.9	5.2	6.1	---	---	---
20	---	---	---	---	---	---	6.4	2.8	4.2	---	---	---
21	---	---	---	---	---	---	4.0	0.6	1.7	---	---	---
22	---	---	---	---	---	---	5.5	0.4	2.2	---	---	---
23	---	---	---	---	---	---	5.6	0.6	3.3	---	---	---
24	5.6	3.3	4.3	---	---	---	6.2	3.1	4.3	---	---	---
25	6.2	4.9	5.6	---	---	---	6.7	3.2	4.9	---	---	---
26	5.7	3.4	4.4	---	---	---	7.0	4.1	5.5	---	---	---
27	4.8	3.6	4.2	---	---	---	---	---	---	---	---	---
28	6.1	3.4	5.3	---	---	---	---	---	---	---	---	---
29	6.0	4.9	5.0	---	---	---	---	---	---	---	---	---
30	6.7	5.3	6.1	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

pH, water, unfiltered, field, standard units

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.8	7.3	---	---	6.9	6.8	7.3	7.1	6.9	6.9	7.2	7.2
2	7.7	7.5	---	---	7.0	6.9	7.1	7.0	7.0	6.9	7.2	7.1
3	7.9	7.6	---	---	6.9	6.9	7.0	6.9	7.1	7.0	7.2	7.1
4	7.9	7.6	---	---	6.9	6.9	7.2	7.0	7.2	7.0	7.3	7.2
5	8.0	7.6	7.6	7.2	7.0	6.9	7.1	7.0	7.2	7.0	7.3	7.1
6	7.9	7.6	7.5	7.3	7.0	7.0	7.2	7.1	7.2	7.0	7.2	7.1
7	7.8	7.5	7.4	7.3	7.2	7.0	---	---	7.1	7.0	7.2	7.2
8	7.7	7.5	7.6	7.3	7.2	7.1	---	---	7.0	6.8	7.2	7.2
9	7.7	7.5	7.7	7.4	7.2	7.1	---	---	6.8	6.8	7.4	7.2
10	7.7	7.5	7.6	7.4	7.2	7.1	---	---	6.9	6.8	7.5	7.4
11	7.6	7.4	7.7	7.5	7.1	7.1	---	---	7.0	6.9	7.7	7.4
12	7.9	7.5	---	---	7.1	7.1	---	---	7.0	7.0	7.8	7.5
13	7.9	7.6	---	---	7.1	7.1	---	---	7.1	7.0	7.8	7.6
14	8.1	7.6	7.7	7.5	7.1	7.1	---	---	7.1	7.1	7.7	7.5
15	8.1	7.8	7.8	7.5	7.1	7.1	---	---	7.3	7.1	7.5	7.4
16	8.2	7.8	7.7	7.5	7.1	7.1	---	---	7.3	7.2	7.6	7.4
17	8.1	7.9	7.5	7.4	7.1	7.1	---	---	7.2	7.2	7.6	7.5
18	8.1	7.9	7.6	7.4	7.1	7.1	---	---	7.3	7.2	7.6	7.4
19	8.1	7.8	7.5	7.3	7.1	7.1	---	---	7.2	7.2	7.8	7.5
20	8.1	7.8	7.6	6.7	7.1	7.1	---	---	7.2	7.2	8.2	7.6
21	8.1	7.8	6.7	6.6	7.2	7.1	---	---	7.2	7.2	8.3	7.6
22	8.1	7.8	6.7	6.6	7.3	7.1	---	---	7.3	7.2	8.2	7.7
23	8.1	7.8	6.7	6.6	7.3	7.3	---	---	7.3	7.3	8.0	7.7
24	7.8	7.7	---	---	7.3	7.2	---	---	7.4	7.3	7.8	7.6
25	7.8	7.7	---	---	7.3	7.2	---	---	7.5	7.4	7.7	7.5
26	7.8	7.3	---	---	7.3	7.2	---	---	7.5	7.4	7.5	7.4
27	7.6	7.3	6.7	6.7	7.3	7.2	---	---	7.4	7.3	7.5	7.4
28	7.4	7.2	6.9	6.7	7.3	7.3	7.0	6.8	7.3	7.2	7.5	7.3
29	7.3	7.1	6.9	6.8	7.4	7.3	6.8	6.7	7.2	7.2	7.5	7.4
30	7.3	7.1	6.8	6.8	7.4	7.2	6.9	6.7	---	---	7.6	7.4
31	7.2	7.2	---	---	7.3	7.3	6.9	6.9	---	---	7.7	7.4

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.0	7.5	9.1	8.4	7.9	7.3	7.0	6.8	7.2	7.1	7.1	6.9
2	8.1	7.6	8.4	7.8	8.0	7.4	6.9	6.8	7.4	7.1	7.0	6.9
3	8.3	7.7	8.2	7.8	8.1	7.4	6.8	6.8	7.3	7.2	7.0	7.0
4	8.6	7.8	8.3	7.7	7.7	7.2	6.8	6.8	7.3	7.2	7.1	7.0
5	8.3	7.9	8.7	7.7	7.9	7.4	6.8	6.8	7.4	7.2	7.2	7.0
6	8.5	8.0	9.2	8.0	8.2	7.6	6.9	6.8	7.6	7.3	7.5	7.2
7	8.6	8.1	9.4	8.6	7.9	7.4	6.9	6.8	7.8	7.5	7.8	7.2
8	8.6	7.7	9.4	8.8	7.8	7.4	7.0	6.8	7.6	7.4	7.7	7.2
9	8.2	7.7	9.1	8.5	7.9	7.4	7.0	6.9	7.6	7.4	7.6	7.3
10	8.2	7.6	8.8	8.0	7.8	7.4	7.2	6.9	7.7	7.3	7.6	7.3
11	7.7	7.4	8.5	7.8	7.7	7.4	7.2	7.0	7.6	7.4	7.5	7.3
12	7.5	7.4	7.9	7.4	7.7	7.3	7.3	7.0	7.8	7.4	7.5	7.3
13	7.5	7.3	7.7	7.3	7.7	7.4	7.4	7.0	7.8	7.5	7.5	7.2
14	7.3	7.2	7.6	7.2	7.6	7.4	7.9	7.1	7.9	7.5	7.6	7.2
15	7.3	7.2	7.2	7.1	7.6	7.4	7.7	7.1	7.9	7.5	7.7	7.3
16	7.2	7.2	7.1	7.0	7.8	7.4	7.3	7.1	7.9	7.6	8.0	7.4
17	7.3	7.2	7.2	7.0	7.8	7.4	7.2	7.0	7.8	7.5	8.1	7.5
18	7.2	7.2	7.2	7.1	8.3	7.4	7.3	7.1	7.7	7.6	7.7	7.4
19	7.2	7.1	7.1	7.0	8.0	7.5	7.2	7.1	7.6	7.5	7.7	7.4
20	7.3	7.2	7.1	7.0	7.7	7.6	7.3	7.1	7.6	7.4	7.7	7.4
21	7.4	7.2	7.2	7.0	7.8	7.6	7.1	6.9	7.5	7.4	7.7	7.4
22	7.5	7.3	7.2	7.0	7.7	7.6	7.1	7.0	7.6	7.4	7.8	7.4
23	8.4	7.3	7.5	7.2	7.7	7.4	7.1	7.0	7.6	7.4	7.7	7.4
24	9.1	7.5	7.6	7.2	7.4	7.2	7.0	7.0	7.6	7.4	7.5	7.3
25	9.0	8.0	7.8	7.3	7.3	7.0	7.3	7.0	7.6	7.4	7.6	7.3
26	9.0	7.8	---	---	7.2	7.0	7.1	7.0	7.7	7.4	7.8	7.3
27	9.3	7.9	---	---	7.0	6.9	7.2	7.0	7.8	7.6	7.8	7.4
28	9.3	8.6	---	---	7.0	6.9	7.3	7.0	7.7	7.6	7.9	7.4
29	9.4	8.9	---	---	7.0	6.8	7.2	7.1	7.6	7.3	7.8	7.5
30	9.2	8.9	7.4	7.2	7.0	6.8	7.3	7.1	7.5	7.3	7.6	7.4
31	---	---	7.5	7.3	---	---	7.2	7.1	7.3	7.1	---	---

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	389	379	382	---	---	---	169	154	165	317	175	244
2	390	383	387	---	---	---	177	169	173	181	150	166
3	397	388	392	---	---	---	179	174	177	169	150	158
4	425	395	406	---	---	---	178	168	170	182	169	174
5	417	411	414	309	---	---	179	169	174	182	177	179
6	418	414	415	309	306	307	186	179	183	182	180	181
7	442	416	424	307	306	307	195	186	190	183	180	182
8	439	427	435	311	306	308	197	193	194	184	179	182
9	441	395	435	318	309	312	200	195	197	191	182	186
10	405	359	386	324	314	319	208	196	203	189	186	187
11	374	356	367	343	320	326	212	207	209	195	189	193
12	362	353	358	---	---	---	216	211	213	202	195	198
13	357	354	355	---	---	---	223	213	217	213	200	206
14	357	353	355	355	350	352	232	222	229	219	205	211
15	359	354	356	363	354	357	231	224	229	215	212	214
16	368	357	361	369	360	363	224	216	219	225	214	217
17	373	367	370	386	369	376	231	220	224	222	220	220
18	395	372	379	385	340	366	229	227	228	222	220	221
19	401	381	388	394	275	310	232	228	229	225	221	223
20	410	389	395	694	139	401	236	231	234	229	223	226
21	414	395	403	139	111	126	240	236	239	244	228	233
22	416	406	410	136	131	132	246	240	241	250	236	240
23	420	412	415	136	131	134	247	245	246	252	243	246
24	420	416	417	---	---	---	248	246	247	257	247	251
25	421	370	411	---	---	---	259	248	250	252	147	181
26	391	283	345	---	---	---	263	256	259	275	130	188
27	315	285	306	144	139	141	267	259	263	158	122	142
28	301	257	280	149	143	147	280	265	268	147	103	120
29	269	257	262	151	146	148	281	223	249	103	97	99
30	262	259	260	158	147	149	284	224	255	104	102	103
31	---	---	---	---	---	---	316	258	280	112	104	108
		FEBRUARY			MARCH			APRIL			MAY	
1	117	112	115	92	84	88	171	158	163	231	224	227
2	121	117	119	99	92	95	178	169	173	242	216	231
3	124	121	122	105	96	101	184	177	180	222	210	214
4	127	122	125	121	105	114	187	183	185	217	210	213
5	125	71	92	120	110	114	190	185	187	217	214	215
6	103	77	88	117	110	114	196	185	189	225	217	220
7	103	78	87	118	115	116	197	183	190	230	205	223
8	81	61	67	118	115	116	193	180	184	233	189	213
9	67	61	64	125	118	122	191	186	188	243	231	235
10	70	66	68	131	125	128	195	185	190	251	239	244
11	74	69	72	138	130	135	193	186	190	251	245	248
12	79	73	77	139	135	137	188	156	167	261	251	255
13	93	79	83	141	136	138	161	126	136	271	244	262
14	96	90	93	144	136	140	148	120	136	249	173	218
15	93	88	91	145	140	142	165	134	148	220	134	167
16	88	86	87	149	144	146	178	164	171	152	119	134
17	90	82	85	146	143	144	194	178	188	202	151	162
18	90	73	81	153	142	146	194	185	189	210	195	204
19	76	73	75	172	153	162	186	176	180	209	194	199
20	77	76	77	183	172	178	183	176	180	217	207	212
21	85	77	82	185	182	183	186	182	184	226	217	221
22	92	85	89	188	181	183	189	183	185	232	225	229
23	98	92	95	187	177	183	189	184	186	236	230	233
24	112	98	103	178	166	173	197	186	190	238	233	235
25	119	112	116	167	154	158	192	187	190	235	233	234
26	120	110	113	167	153	157	204	192	196	---	---	---
27	129	100	118	172	163	168	215	199	206	---	---	---
28	102	85	96	163	153	159	222	209	213	---	---	---
29	85	81	82	159	154	157	221	215	217	---	---	---
30	---	---	---	160	154	157	230	219	222	266	244	253
31	---	---	---	159	153	155	---	---	---	260	232	247

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	233	201	217	156	107	135	206	197	202	156	122	136
2	243	207	221	110	106	107	229	201	212	156	126	142
3	322	242	295	113	105	109	234	222	228	158	151	154
4	283	227	245	116	111	113	233	225	230	158	151	155
5	239	228	233	116	110	112	243	227	236	166	154	160
6	243	235	239	116	110	112	252	232	243	170	161	165
7	247	240	244	130	116	121	270	243	253	177	167	171
8	248	240	246	139	127	133	270	253	259	182	173	176
9	249	244	246	150	139	143	256	200	232	184	177	180
10	255	248	251	157	150	154	219	196	204	194	184	188
11	259	252	256	161	156	158	229	219	225	199	193	196
12	263	256	260	161	143	151	249	226	237	209	198	202
13	269	257	264	143	131	140	249	240	242	217	204	208
14	270	263	267	159	141	149	247	241	244	219	210	213
15	280	266	273	172	159	165	269	245	254	225	216	219
16	281	275	279	183	172	178	290	269	281	228	223	225
17	283	276	280	186	178	182	286	274	280	232	226	228
18	316	277	292	190	183	187	303	285	294	238	229	232
19	312	298	305	206	186	196	306	294	300	241	233	238
20	319	305	312	206	142	175	303	289	296	248	240	244
21	320	310	315	143	113	123	321	303	311	255	245	249
22	323	317	321	160	136	152	330	319	325	262	253	257
23	321	234	293	159	152	156	337	327	332	269	261	264
24	234	165	200	158	152	155	346	332	336	273	265	269
25	227	124	168	163	155	159	352	339	345	274	270	272
26	227	123	191	169	160	166	378	349	360	285	271	276
27	135	94	119	172	164	169	448	376	418	295	272	282
28	137	90	108	182	167	176	428	282	386	295	286	290
29	116	96	106	190	174	184	295	225	246	297	289	293
30	123	83	99	196	184	191	229	199	218	299	283	295
31	---	---	---	202	190	198	199	156	171	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.6	19.6	20.4	---	---	---	10.5	9.5	9.9	9.9	8.9	9.3
2	20.2	18.7	19.4	---	---	---	9.8	9.1	9.4	11.2	9.8	10.5
3	20.1	17.8	18.8	---	---	---	9.3	8.8	9.1	13.3	11.0	12.0
4	22.9	18.6	20.3	---	---	---	9.7	9.0	9.3	15.0	12.9	13.7
5	23.0	20.4	21.4	21.3	19.7	19.7	9.3	8.5	8.8	14.6	11.2	12.7
6	23.2	21.3	21.9	20.8	18.3	19.7	8.8	7.9	8.4	11.2	8.7	10
7	22.4	21.6	21.8	18.3	15.6	16.8	8.4	7.5	7.9	8.7	6.9	7.6
8	21.8	20.9	21.3	15.8	14.8	15.3	8.3	7.2	7.8	7.7	7.0	7.2
9	21.8	20.9	21.4	15.1	14.0	14.6	10.5	8.3	9.3	7.8	6.9	7.2
10	22.1	21.6	21.8	15.4	14.4	14.9	10.3	8.4	9.4	7.1	6.0	6.6
11	22.6	21.8	22.1	16.8	15.0	15.8	8.4	7.4	7.9	6.8	5.7	6.2
12	23.4	22.1	22.6	---	16.6	---	7.7	7.1	7.4	8.1	5.9	6.8
13	22.9	22.2	22.5	---	---	---	7.5	7.1	7.2	10.1	7.5	8.6
14	22.6	21.4	22.2	15.9	14.4	15.1	8.0	6.9	7.3	11.8	9.1	10.3
15	21.4	20.1	20.6	15.5	13.3	14.3	7.8	6.7	7.3	11.3	10.0	10.6
16	20.5	19.0	19.8	16.2	15.0	15.6	8.4	7.5	8.1	10.4	9.5	9.8
17	19.9	18.8	19.4	17.3	15.9	16.6	8.2	6.5	7.3	10.1	9.6	9.9
18	20.7	17.9	19.1	18.1	17.2	17.7	7.5	6.6	7.1	10.6	9.5	10.2
19	21.8	18.4	19.6	17.8	15.9	16.9	7.2	6.3	6.8	9.5	6.7	8.0
20	22.1	18.9	20.1	16.0	15.4	15.7	6.9	6.0	6.4	7.2	5.6	6.3
21	22.8	19.7	21.1	16.0	15.2	15.6	6.9	5.7	6.3	7.2	5.2	6.2
22	23.7	21.1	22.2	16.6	15.7	16.1	8.5	6.5	7.4	7.8	5.9	6.8
23	23.4	21.2	22.2	16.9	15.6	16.5	9.3	8.4	9.0	8.0	6.6	7.2
24	22.4	21.2	21.6	---	13.5	---	8.6	7.8	8.2	8.7	7.3	7.8
25	21.6	20.6	21.1	---	---	---	7.8	6.8	7.3	12.0	8.7	10.6
26	21.0	18.8	19.8	---	---	---	7.7	6.6	7.1	13.0	12.0	12.5
27	18.8	17.8	18.3	13.1	11.9	12.5	8.1	6.6	7.3	12.2	10.2	10.8
28	19.0	16.7	17.6	12.9	10.9	11.9	9.2	7.4	8.2	10.2	9.2	9.7
29	17.8	16.9	17.3	10.9	9.8	10.1	10.1	9.2	9.7	9.7	8.8	9.1
30	18.1	16.6	17.4	9.9	9.1	9.6	9.5	8.7	9.1	9.1	7.4	8.4
31	---	17.6	---	---	---	---	9.2	8.1	8.7	7.4	6.4	7.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.9	6.4	6.7	11.2	9.7	10.5	19.0	16.4	17.4	23.1	22.2	22.6
2	7.7	6.9	7.3	13.0	11.2	12.1	19.2	16.5	17.7	24.4	20.5	22.1
3	8.0	6.6	7.3	15.3	13.0	14.0	19.3	17.2	18.2	23.4	20.5	21.9
4	7.3	6.6	6.9	16.8	15.2	15.9	19.6	17.4	18.2	22.2	20.4	21.3
5	7.1	6.5	6.8	16.9	16.6	16.7	18.2	17.2	17.6	24.5	21.4	22.7
6	7.0	6.7	6.9	17.3	16.2	16.7	18.6	16.7	17.5	24.8	22.6	23.7
7	6.7	6.2	6.5	17.8	16.6	17.0	21.0	18.4	19.5	25.9	23.6	24.7
8	6.3	5.2	5.6	16.7	15.8	16.2	21.7	18.8	20.0	26.5	24.6	25.6
9	6.1	5.5	5.8	16.2	14.8	15.6	22.2	19.6	20.4	26.6	25.3	25.9
10	6.2	5.9	6.1	15.3	14.0	14.6	22.4	20.8	21.5	26.4	25.2	25.9
11	6.2	6.0	6.1	15.5	13.5	14.4	21.5	18.3	19.8	26.0	25.1	25.6
12	6.3	5.9	6.1	15.6	14.0	14.7	18.3	14.6	16.3	25.1	24.0	24.4
13	6.0	5.4	5.7	14.5	13.6	14.1	14.6	12.6	13.4	24.5	23.4	23.9
14	5.7	5.5	5.6	13.9	13.1	13.4	15.1	12.7	13.8	24.5	22.7	23.8
15	6.3	5.2	5.7	13.9	12.9	13.3	15.9	13.9	14.9	22.9	22.0	22.4
16	6.2	5.3	5.8	15.8	13.5	14.6	17.2	15.1	16.0	23.9	22.4	22.9
17	6.0	5.3	5.7	16.8	14.6	15.5	18.9	16.9	17.6	23.8	23.2	23.5
18	6.5	5.0	5.8	18.2	15.9	16.9	20.6	18.1	19.0	24.7	23.1	23.7
19	8.1	6.0	6.9	19.6	17.3	18.2	21.6	19.3	20.2	25.2	23.8	24.3
20	10.0	8.0	8.8	20.9	18.8	19.8	21.8	20.4	21.0	26.5	24.2	25.0
21	10.5	9.1	9.9	20.4	18.4	19.6	22.5	21.1	21.7	27.3	25.4	26.0
22	10.7	9.6	10.2	18.4	16.6	17.4	22.2	21.5	21.8	27.5	26.2	26.8
23	10.6	10.5	10.5	17.1	15.6	16.3	22.9	22.1	22.4	27.8	26.6	27.2
24	10.9	10.4	10.6	17.4	15.7	16.6	24.7	22.5	23.3	28.0	26.6	27.2
25	10.6	8.3	9.5	18.3	16.5	17.4	24.3	23.2	23.7	28.0	27.0	27.5
26	8.3	7.9	8.1	19.1	17.3	18.2	26.0	22.1	23.7	---	---	---
27	9.2	7.8	8.5	20.4	18.1	19.2	25.7	22.4	24.0	---	---	---
28	8.9	7.9	8.5	21.7	19.5	20.5	24.0	22.2	22.8	---	---	---
29	9.7	8.2	8.8	21.7	19.4	20.3	23.0	21.4	22.2	---	---	---
30	---	---	---	19.7	18.4	19.0	23.3	21.8	22.5	28.3	27.1	27.7
31	---	---	---	18.8	17.4	18.0	---	---	---	28.0	26.7	27.2
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.8	26.2	27.1	24.6	24.3	24.5	30.8	28.6	29.6	26.3	25.5	25.8
2	28.5	26.4	27.2	26.3	24.2	25.1	30.8	29.1	30.0	26.6	24.9	25.7
3	29.6	27.5	28.3	26.5	25.0	25.8	30.9	29.3	30.2	26.4	25.6	25.9
4	28.7	27.0	27.8	27.6	25.5	26.5	32.0	29.7	30.8	26.9	25.8	26.3
5	28.3	27.1	27.6	28.1	26.2	27.1	31.4	29.8	30.5	27.7	25.9	26.6
6	28.3	27.3	27.8	28.2	26.5	27.4	29.9	28.6	29.2	28.6	27.1	27.6
7	28.1	26.3	27.0	28.0	27.1	27.6	28.7	26.9	27.7	29.1	26.9	27.9
8	29.0	27.2	27.9	28.4	26.9	27.6	27.8	26.1	26.9	28.5	25.4	26.9
9	30.4	28.1	29.0	28.9	27.0	28.0	28.2	26.2	27.1	27.1	25.7	26.3
10	30.8	28.9	29.8	29.2	27.6	28.5	28.7	26.7	27.5	26.7	25.5	26.1
11	31.4	29.2	30.3	29.5	27.9	28.7	28.3	27.2	27.7	26.7	25.6	26.1
12	31.9	29.6	30.8	30.0	28.3	29.1	27.6	26.3	26.8	27.2	25.6	26.3
13	32.4	30.0	31.2	30.7	28.9	29.7	26.3	24.8	25.4	27.0	26.2	26.6
14	31.6	30.0	30.6	31.8	29.8	30.6	26.1	23.9	24.8	27.3	26.0	26.6
15	30.1	29.1	29.6	33.2	30.1	31.3	26.2	23.7	24.5	27.4	25.7	26.5
16	30.5	28.4	29.3	32.0	30.8	31.3	25.8	24.1	24.9	28.1	25.7	26.8
17	29.5	28.1	28.8	31.1	29.8	30.3	26.0	24.1	25.0	29.4	26.2	27.6
18	34.0	28.6	30.5	30.4	28.8	29.5	26.2	24.9	25.6	27.8	26.1	26.7
19	32.8	30.0	31.1	29.6	28.4	29.0	27.3	25.7	26.3	26.1	24.7	25.3
20	30.8	29.4	30.0	29.5	28.2	28.8	27.7	26.4	26.9	25.1	23.6	24.4
21	30.8	28.3	29.4	29.3	27.7	28.4	27.2	26.3	26.7	24.0	22.6	23.4
22	29.8	28.5	29.1	30.0	28.2	28.9	29.3	26.4	27.4	24.5	22.8	23.6
23	28.8	27.0	27.6	30.8	28.6	29.6	27.8	27.0	27.4	24.6	23.1	23.8
24	27.0	26.4	26.6	31.1	29.4	30.1	27.8	27.0	27.4	24.5	23.6	24.1
25	26.5	24.7	25.5	32.2	29.6	30.7	28.7	27.3	27.9	24.8	23.8	24.2
26	26.3	25.1	25.6	30.9	28.1	29.4	29.7	28.2	28.7	26.4	23.5	24.6
27	25.7	24.8	25.3	29.0	27.3	28.0	30.4	29.0	29.6	25.9	23.0	24.3
28	25.4	23.8	24.6	28.3	27.0	27.5	30.1	27.9	29.3	25.4	22.9	24.1
29	25.8	24.4	25.1	28.4	27.0	27.6	28.0	26.6	27.3	24.9	22.6	23.5
30	25.2	23.8	24.3	29.5	27.7	28.4	28.3	26.6	27.3	23.4	21.8	22.3
31	---	---	---	29.7	28.2	28.9	27.2	26.1	26.6	---	---	---

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 32°26'39", long 90°54'51", in SE1/4 sec.4, T.17 N., R.3 E., Washington Meridian, Warren County, Hydrologic Unit 08030208, on left bank at downstream abandoned Eagle Lake Ferries site, 1.5 mi downstream from Steele Bayou, 2.5 mi northwest of Long Lake, and at river mile 9.5 upstream of the confluence of the Yazoo River Diversion Canal with the Mississippi River.

DRAINAGE AREA.--13,355 mi^2, approximately, U.S. Army Corps of Engineers.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water-stage recorder and acoustic Doppler velocity meter. Datum of gage is NGVD of 1929 (U.S. Army Corps of Engineers benchmark).

REMARKS.--Estimated daily discharges: Oct. 10-21, Nov. 17-25, Feb. 7-27, Apr. 27,28, Jun. 17-19,22,24-30, and Jul. 1 - Sept. 30. Records are fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12100	10600	26300	13700	32300	39200	14800	9580	19400	51100	11400	13300
2	12400	10200	23200	14500	30900	40600	12500	9930	21700	53000	11900	12400
3	12600	10200	21300	14300	30500	41100	10700	10100	18800	54400	12900	12000
4	12600	10600	21200	13000	28300	40200	10200	9590	14800	53800	13000	11200
5	12400	11000	20800	13200	34700	39800	10300	8820	11000	52000	e13600	10600
6	12600	10900	20300	12300	44400	45700	8920	12400	9080	49700	e14000	10400
7	12600	10600	19300	10600	e45500	49600	9110	11100	7540	45400	e13500	10100
8	12500	10200	18600	10200	e43600	47600	9080	9700	6510	40700	e13200	9980
9	12200	9970	17400	12500	e40900	44800	8930	8240	5440	37700	e12500	9600
10	e12200	9750	17000	12400	e34500	39700	9030	6750	5050	36100	e11800	9570
11	e12100	9980	15900	12000	e27500	35300	8950	7460	5160	31800	11200	9000
12	e12700	10300	13800	10600	e26500	30400	11800	11300	4900	27200	11100	8790
13	e13400	10500	13200	9690	e27400	26000	23100	13100	4610	22400	11000	9460
14	e14000	10300	12400	9010	e26600	25300	29900	20400	5340	18300	10900	9770
15	e14000	9990	12000	8810	e27500	25000	34000	39800	5760	16000	11000	7880
16	e13700	9740	11300	5900	e26600	25400	33500	46600	7160	14400	10900	8130
17	e12100	e12400	10900	7290	e33100	25300	32900	48600	12200	13700	10800	9100
18	e11800	e12500	9190	11300	e39000	25500	31000	48700	18000	14000	10300	8520
19	e11700	e12800	8620	13200	e46700	25400	27300	44600	20100	15000	10600	7710
20	e11000	e13500	9040	9650	e49100	24800	24200	39100	22400	15300	11300	7740
21	e10400	e15000	7680	9000	e50500	25500	20900	32400	20000	14300	11400	7990
22	11500	e16300	6440	9590	e51500	25200	17800	26500	17600	13900	11700	8980
23	11000	e18100	8000	11900	e52200	25300	13900	21600	18900	13200	12500	9480
24	10200	e20300	7590	14700	e52500	25700	8870	18100	24200	13300	13500	9740
25	9390	e22400	6890	22900	e51700	32800	5580	15800	28500	12800	13400	10100
26	9400	21500	6200	34000	e49500	37400	5050	13500	35700	12600	13500	9840
27	9970	23700	6230	39100	e48200	32300	e4000	11100	40800	12800	13600	9520
28	10500	30100	6040	39700	46600	28200	e2500	9810	42500	12400	13500	8840
29	11700	30600	7300	37200	42400	24900	1010	9450	44500	12800	14000	8390
30	11600	28700	10400	38000	---	20800	5950	8900	47300	12300	14400	9180
31	10500	---	12900	35500	---	17800	---	14600	---	11500	14000	---
TOTAL	366860	442730	407420	515740	1140700	992600	445780	597630	544950	803900	382400	287310
MEAN	11830	14760	13140	16640	39330	32020	14860	19280	18160	25930	12340	9577
MAX	14000	30600	26300	39700	52500	49600	34000	48700	47300	54400	14400	13300
MIN	9390	9740	6040	5900	26500	17800	1010	6750	4610	11500	10300	7710
CFSM	0.89	1.11	0.98	1.25	2.95	2.40	1.11	1.44	1.36	1.94	0.92	0.72
IN.	1.02	1.23	1.13	1.44	3.18	2.76	1.24	1.66	1.52	2.24	1.07	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2004, BY WATER YEAR (WY)

MEAN	12720	13390	22160	28830	31670	30280	27080	14450	16750	13390	11020	10900
MAX	34760	28370	48970	50040	45070	49290	43620	29700	32430	25930	14730	15150
(WY)	2003	2003	2002	2002	1997	2001	1997	1997	2003	2004	1997	2001
MIN	4819	6953	6382	3996	3650	12200	9416	3499	4309	4335	5267	5328
(WY)	1999	2000	2000	2000	2000	1996	1998	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1996 - 2004	
ANNUAL TOTAL	8031280		6928020			
ANNUAL MEAN	22000		18930		19320	
HIGHEST ANNUAL MEAN					26550	2002
LOWEST ANNUAL MEAN					10270	2000
HIGHEST DAILY MEAN	59400	Apr 7	54400	Jul 3	72000	Jan 4 2002
LOWEST DAILY MEAN	6040	Dec 28	1010	Apr 29	-3750	May 20 1996
ANNUAL SEVEN-DAY MINIMUM	6770	Dec 22	4710	Apr 24	-2160	May 17 1996
MAXIMUM PEAK FLOW			unknown		72100	Feb 27 1999
MAXIMUM PEAK STAGE			85.13	Jul 3	98.31	Mar 25 1997
ANNUAL RUNOFF (CFSM)	1.65		1.42		1.45	
ANNUAL RUNOFF (INCHES)	22.37		19.30		19.66	
10 PERCENT EXCEEDS	44200		40600		42000	
50 PERCENT EXCEEDS	17300		13000		14000	
90 PERCENT EXCEEDS	10500		8480		5650	

e Estimated

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1996 to January 1998.
WATER TEMPERATURE: June 1996 to January 1998.

REMARKS.--Site affected by backwater from the Mississippi River. Little Sunflower River Drainage Structure WY04 closure dates: Oct. 1-Nov. 21, Nov. 24-27, Dec. 7-Jan. 14, Feb. 2-3, 5-9, Feb. 15-Apr. 15, Apr. 20-May 6, 7-15, May 23-Jun. 24, 26-29, Jul. 13-Sept. 30 (furnished by U.S. Army Corps of Engineers). Steele Bayou Drainage Structure WY04 closure dates: Oct. 7, Nov. 3-29, Jan. 15-17, Mar. 13-24, Apr. 3-4, Apr. 25-May 5, Jun. 5-18 (furnished by U.S. Army Corps of Engineers). Twice-daily measurements of specific conductance and water temperature collected by local observer from June 1996 to January 1998. In water years 1961-62 and 1972-93, data were collected 8.5 mi upstream (station 07288800).

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Location in X-sect. looking dwnstrm ft from l bank (00009)
OCT											
01...	1200	60.79	11300	--	120	767	7.1	6.7	105	24.0	--
01...	1220	--	--	1.00	--	--	7.4	6.7	103	24.0	75.0
01...	1221	--	--	16.0	--	--	7.1	6.6	103	24.0	75.0
01...	1222	--	--	1.00	--	--	7.1	6.6	104	24.0	150
01...	1223	--	--	28.0	--	--	6.9	6.6	105	24.0	150
01...	1224	--	--	1.00	--	--	7.0	6.7	105	24.0	225
01...	1225	--	--	35.0	--	--	6.9	6.7	104	24.0	225
NOV											
13...	1200	55.31	10600	--	210	765	9.0	7.1	92	17.4	--
14...	1230	--	--	1.00	--	--	9.4	7.1	92	17.4	75.0
14...	1231	--	--	15.0	--	--	9.0	7.1	93	17.3	75.0
14...	1232	--	--	1.00	--	--	8.9	7.0	92	17.4	150
14...	1233	--	--	18.0	--	--	8.8	7.0	93	17.3	150
14...	1234	--	--	1.00	--	--	8.8	7.0	92	17.4	250
14...	1235	--	--	12.0	--	--	8.7	7.0	92	17.4	250
DEC											
02...	1200	74.46	22900	--	230	770	8.2	6.8	92	12.0	--
02...	1201	--	--	1.00	--	--	8.3	6.8	88	11.8	150
02...	1202	--	--	15.0	--	--	8.2	6.8	90	11.8	150
02...	1203	--	--	1.00	--	--	8.7	6.8	88	12.0	250
02...	1204	--	--	38.0	--	--	8.1	6.8	100	11.8	250
02...	1205	--	--	1.00	--	--	8.2	6.8	92	11.9	400
02...	1206	--	--	26.0	--	--	8.2	6.8	91	11.9	400
JAN											
09...	1400	71.52	12800	--	160	767	10.0	6.9	118	9.3	--
FEB											
04...	1200	68.93	28800	--	440	769	10.5	7.1	86	8.0	--
04...	1201	--	--	1.00	--	--	10.6	7.2	85	8.0	125
04...	1202	--	--	1.00	--	--	10.4	7.1	85	8.0	225
04...	1203	--	--	1.00	--	--	10.2	7.0	87	8.0	325
MAR											
08...	1200	72.26	51100	--	500	772	7.6	7.0	72	15.8	--
08...	1230	--	--	1.00	--	--	7.6	6.9	71	15.8	175
08...	1231	--	--	1.00	--	--	7.6	6.9	72	15.7	250
08...	1232	--	--	1.00	--	--	7.6	7.0	71	15.7	325
APR											
08...	1200	74.29	8880	--	82	760	8.5	7.2	105	19.0	--
08...	1201	--	--	1.00	--	--	8.5	7.1	104	18.8	75.0
08...	1202	--	--	1.00	--	--	8.6	7.2	105	19.0	150
08...	1203	--	--	1.00	--	--	8.4	7.1	105	19.0	250
MAY											
05...	1200	79.23	8270	--	160	765	5.5	6.9	127	23.0	--
05...	1201	--	--	1.00	--	--	5.4	7.1	127	22.6	200
05...	1202	--	--	48.0	--	--	5.4	6.9	127	21.3	200
05...	1203	--	--	1.00	--	--	5.9	6.9	127	23.0	350
05...	1204	--	--	44.0	--	--	5.6	6.9	127	21.2	350
05...	1205	--	--	1.00	--	--	5.6	7.0	128	23.0	475
05...	1206	--	--	36.0	--	--	5.5	6.9	127	21.3	475
JUN											
17...	1200	84.04	11100	--	70	757	4.6	6.9	120	30.0	--
17...	1300	--	--	1.00	--	--	4.6	6.9	120	29.1	250
17...	1301	--	--	53.0	--	--	4.0	7.0	267	26.4	250
17...	1302	--	--	1.00	--	--	4.6	6.9	119	30.1	350
17...	1303	--	--	48.0	--	--	4.4	7.0	262	26.7	350
17...	1304	--	--	1.00	--	--	4.5	6.9	119	29.5	450
17...	1305	--	--	40.0	--	--	3.7	6.9	214	27.4	450
JUL											
09...	1200	81.55	39800	--	26	763	2.1	6.4	121	28.0	--
AUG											
05...	1430	64.13	13600	--	92	760	5.6	7.0	181	30.5	--
SEP											
10...	1200	64.62	9520	--	90	767	6.5	7.0	133	28.1	--
10...	1230	--	--	1.00	--	--	6.1	7.0	128	27.6	100
10...	1231	--	--	23.0	--	--	6.1	7.0	128	27.6	100
10...	1232	--	--	1.00	--	--	6.7	7.0	133	28.1	200
10...	1233	--	--	26.0	--	--	6.2	7.0	133	27.6	200
10...	1234	--	--	1.00	--	--	6.9	7.1	142	28.2	275
10...	1235	--	--	20.0	--	--	6.3	7.0	136	27.8	275

Remark codes:
E -- Estimated value

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Time	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Suspended sediment concentration mg/L (80154)
OCT												
01...	1200	33	40	4.99	6.9	<.04	.23	E.004	.036	.24	.73	213
NOV												
13...	1200	24	E30	4.90	7.1	E.03	.14	<.008	.018	.28	.70	379
DEC												
02...	1200	26	32	5.61	7.4	.05	.45	.008	.047	.32	1.23	243
JAN												
09...	1400	29	36	6.73	10.9	.07	.39	E.007	.031	.26	1.04	129
FEB												
04...	1200	22	E27	4.67	8.0	.07	.32	<.008	.031	.52	1.33	500
MAR												
08...	1200	22	E26	2.72	4.9	<.04	.23	E.006	.027	.55	1.22	568
APR												
08...	1200	32	40	4.65	7.1	E.03	.26	<.008	.020	.184	.85	75
MAY												
05...	1200	41	50	5.27	6.6	E.03	1.18	.061	.045	.27	2.00	127
JUN												
17...	1200	37	E45	4.69	7.4	<.04	.45	<.008	.041	.181	.79	59
JUL												
09...	1200	48	58	3.38	5.1	.06	.28	.013	.164	.29	1.14	56
AUG												
05...	1430	52	64	5.46	10.3	<.04	.26	.008	.043	.22	.76	136
SEP												
10...	1200	45	55	4.84	7.9	<.04	.16	<.008	.037	.164	.58	85

Date	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Butylate, water, fltrd, ug/L (04028)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos water, fltrd, ug/L (38933)
OCT												
01...	<.006	E.030	E.005	.007	<.005	.326	<.050	<.010	<.002	<.041	<.020	<.005
NOV												
13...	<.006	E.008	<.006	.005	<.005	.228	<.050	<.010	<.004	<.041	<.020	<.005
DEC												
02...	<.006	E.005	E.005	<.005	<.005	.083	<.050	<.010	<.004	E.005	<.020	<.005
JAN												
09...	<.006	E.007	<.006	<.005	<.005	.055	<.050	<.010	<.004	<.041	<.020	<.005
FEB												
04...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
08...	<.006	E.005	<.006	<.005	<.005	.085	<.050	<.010	<.004	<.041	<.020	<.005
APR												
08...	<.006	E.010	<.006	<.005	<.005	.365	<.050	<.010	<.004	E.022	<.060	<.005
MAY												
05...	<.006	E.120	.049	<.005	<.005	4.00	<.050	<.010	<.004	<.041	<.020	<.005
JUN												
17...	<.006	E.072	.021	.007	<.005	.687	<.050	<.010	<.004	<.041	<.020	<.005
JUL												
09...	<.006	E.024	<.006	<.005	<.005	.244	<.050	<.010	<.004	E.006	<.100	<.005
AUG												
05...	<.006	E.027	<.009	.010	<.005	.302	<.050	<.010	<.004	<.041	<.020	<.005
SEP												
10...	<.006	E.025	<.006	<.010	<.005	.276	<.050	<.010	<.004	<.041	<.020	<.005

Remark codes:
< -- Less than
E -- Estimated value

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyanazine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dieldrin, water, fltrd, ug/L (39381)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulfinyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)
OCT												
01...	<.006	<.018	<.003	<.004	<.005	<.005	<.02	<.002	<.009	<.005	<.009	<.005
NOV												
13...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
DEC												
02...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
JAN												
09...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
FEB												
04...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
08...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
APR												
08...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
MAY												
05...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.015	<.009	<.005	<.029	<.013
JUN												
17...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013
JUL												
09...	<.006	E.010	<.003	E.003	<.005	<.009	<.02	<.004	<.009	<.005	<.029	E.003
AUG												
05...	<.006	<.018	<.003	E.002	<.005	<.009	<.02	<.016	<.009	<.005	<.029	<.013
SEP												
10...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013

Date	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)
OCT												
01...	<.005	<.007	<.003	<.004	<.035	E.022	<.006	.051	<.006	<.002	<.007	<.003
NOV												
13...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.030	<.006	<.003	<.007	<.003
DEC												
02...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.023	<.006	<.003	<.007	<.003
JAN												
09...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.026	<.006	<.003	<.007	<.003
FEB												
04...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
08...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.015	<.006	<.003	<.007	<.003
APR												
08...	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.045	<.006	<.003	<.007	<.003
MAY												
05...	<.024	E.005	<.003	<.004	<.035	<.027	<.015	.649	<.010	<.003	<.007	<.003
JUN												
17...	<.024	<.016	<.003	<.004	<.035	.048	<.015	.355	.007	<.003	<.007	<.003
JUL												
09...	<.024	<.016	<.003	<.004	.043	.031	<.015	.316	.008	.024	<.007	<.003
AUG												
05...	<.024	<.016	<.003	<.004	<.035	E.016	<.015	.100	<.006	<.003	<.007	<.003
SEP												
10...	<.024	<.016	<.003	<.004	<.035	.041	<.015	.054	<.006	<.003	<.007	<.003

Remark codes:
< -- Less than
E -- Estimated value

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

Date	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome-ton, water, fltrd, ug/L (04037)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Propa-chlor, water, fltrd, ug/L (04024)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Sima-zine, water, fltrd, ug/L (04035)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Terba-cil, water, fltrd 0.7u GF ug/L (82665)
OCT												
01...	<.010	<.004	<.022	<.011	M	<.004	<.010	<.011	<.02	.018	<.02	<.034
NOV												
13...	<.010	<.004	<.022	<.011	E.01	<.004	<.025	<.011	<.02	.026	<.02	<.034
DEC												
02...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.130	<.02	E.011
JAN												
09...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.081	<.02	<.034
FEB												
04...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
08...	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.094	<.02	<.034
APR												
08...	<.010	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	.103	<.02	<.034
MAY												
05...	<.010	<.004	E.021	<.011	<.01	<.004	<.025	<.011	<.02	.259	E.01	<.034
JUN												
17...	<.010	<.004	E.017	<.011	.01	<.004	<.025	<.011	<.02	.056	E.01	<.034
JUL												
09...	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.010	<.02	<.034
AUG												
05...	<.010	<.004	<.022	<.011	<.01	<.006	<.025	<.011	<.03	.027	<.02	<.034
SEP												
10...	<.010	<.004	<.022	<.011	M	<.004	<.025	<.011	<.02	.025	<.02	<.034

Date	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	Tri-allate, water, fltrd 0.7u GF ug/L (82678)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)
OCT				
01...	<.02	<.005	<.002	<.009
NOV				
13...	<.02	<.010	<.002	<.009
DEC				
02...	<.02	<.010	<.002	<.009
JAN				
09...	<.02	<.010	<.002	<.009
FEB				
04...	--	--	--	--
MAR				
08...	<.02	<.010	<.002	<.009
APR				
08...	<.02	<.010	<.002	<.009
MAY				
05...	<.02	<.010	<.002	<.009
JUN				
17...	<.02	<.010	<.002	<.009
JUL				
09...	<.02	E.005	<.002	<.009
AUG				
05...	<.02	<.010	<.002	<.009
SEP				
10...	<.02	<.010	<.002	<.009

Date	Time	Biomass peri-phyton, ashfree drymass g/m2 (49954)	Peri-phyton biomass ash weight, g/m2 (00572)	Peri-phyton biomass dry weight, g/m2 (00573)	Pheo-phytin a, peri-phyton, mg/m2 (62359)	Chloro-phyll a peri-phyton, chromo-fluoro, mg/m2 (70957)
AUG						
05...	1430	31.6	230	266.3	1.9	5.1

Remark codes:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

07289350 BIG BLACK RIVER AT WEST, MS

LOCATION.--Lat 33°11'40", long 89°46'16", in NW1/4 NE1/4 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 10, 1948, nonrecording gage, and June 10, 1948, to Nov. 2, 1967, recorder at site about 2,000 ft downstream at same datum.

REMARKS.--Estimated daily discharges: Jun. 10-14, 29-30, Jul. 23-31 and Aug. 7-11, 15-18. 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)
Feb. 8	1930	15,800	20.39	May 16	1700	11,700	19.60
Feb. 16	0600	12,700	19.80	Jun. 30	unknown	*24,100	[a]*21.67
Mar. 6	2030	19,200	20.96				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	129	180	2900	1860	975	2020	385	465	1140	18300	441	365
2	116	162	3020	2070	697	2850	364	487	1180	13800	703	269
3	111	151	2590	2060	598	4010	345	484	1390	8670	816	219
4	105	144	1610	1850	540	4160	327	393	1600	5510	700	362
5	99	138	1090	1720	2280	4640	312	312	1190	3730	498	542
6	95	135	863	1550	8110	14600	301	241	659	2400	392	432
7	94	134	706	1340	10900	14400	302	201	531	1290	e230	338
8	92	132	573	1260	14600	11700	326	178	416	1250	e188	257
9	91	131	491	1630	14400	11000	382	160	298	1990	e140	207
10	1540	129	688	1600	10700	7870	420	147	e239	1830	e110	178
11	2200	127	892	1550	8200	4890	487	135	e201	1620	e95	159
12	1120	126	957	1530	7120	3190	719	131	e213	1420	755	147
13	541	125	940	1240	7670	1670	1320	144	e248	966	906	138
14	359	125	910	934	6130	903	1500	281	e311	688	460	132
15	264	123	770	777	9000	779	1390	2350	1070	555	e240	140
16	217	126	690	689	11800	991	1360	8910	1410	489	e150	144
17	187	146	621	969	8600	1130	1000	8830	2160	1320	e105	138
18	171	266	551	2230	8120	1120	630	9760	3010	1880	e94	135
19	160	615	494	2330	7100	995	459	9470	3180	1970	199	148
20	153	783	452	2040	4890	810	372	6650	3570	2020	191	155
21	144	741	419	1930	3340	691	320	4350	3850	1750	187	142
22	135	570	399	1720	1950	618	290	2790	3110	1060	219	131
23	129	399	624	1120	1240	571	266	1000	2020	e337	233	124
24	125	493	1170	798	1670	522	247	430	1630	e226	271	119
25	123	626	1130	1580	1630	488	228	298	3180	e158	319	116
26	374	590	1140	2550	1600	460	221	235	9620	e163	294	114
27	560	1230	920	2560	1680	442	238	199	9930	e145	245	112
28	476	2720	710	2370	1680	435	226	182	14000	e121	273	111
29	361	3580	1160	2780	1890	426	214	203	e20100	e117	720	110
30	265	3000	2150	2910	---	419	382	190	e19200	e106	571	108
31	210	---	2070	2040	---	404	---	389	---	e98	500	---
TOTAL	10746	17947	33700	53587	159110	99204	15333	59995	110656	75979	11245	5792
MEAN	347	598	1087	1729	5487	3200	511	1935	3689	2451	363	193
MAX	2200	3580	3020	2910	14600	14600	1500	9760	20100	18300	906	542
MIN	91	123	399	689	540	404	214	131	201	98	94	108
CFSM	0.34	0.58	1.06	1.68	5.34	3.12	0.50	1.88	3.59	2.39	0.35	0.19
IN.	0.39	0.65	1.22	1.94	5.76	3.59	0.56	2.17	4.01	2.75	0.41	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2004, BY WATER YEAR (WY)

MEAN	375	867	2244	3160	2915	3297	2804	1700	948	471	224	270
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	167	185	372	1049	190	89.9	33.6	53.0	22.5	31.1
(WY)	1988	1982	2000	1986	2000	1985	1986	1988	1988	2000	2000	1987

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1971 - 2004	
ANNUAL TOTAL	545893		653294			
ANNUAL MEAN	1496		1785		1601	
HIGHEST ANNUAL MEAN					3821	1983
LOWEST ANNUAL MEAN					423	1986
HIGHEST DAILY MEAN	19900	Feb 24	20100	Jun 29	62400	May 21 1983
LOWEST DAILY MEAN	91	Oct 9	91	Oct 9	13	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	98	Oct 3	98	Oct 3	14	Aug 19 2000
MAXIMUM PEAK FLOW			24100	Jun 30	71200	May 21 1983
MAXIMUM PEAK STAGE			21.67	Jun 30	26.08	May 21 1983
INSTANTANEOUS LOW FLOW			91	Oct 9	12	Aug 24 2000
ANNUAL RUNOFF (CFSM)	1.46		1.74		1.56	
ANNUAL RUNOFF (INCHES)	19.77		23.66		21.18	
10 PERCENT EXCEEDS	3520		4440		4000	
50 PERCENT EXCEEDS	614		571		401	
90 PERCENT EXCEEDS	144		131		68	

e Estimated
a From flood mark.

07289730 BIG BLACK RIVER NEAR BENTONIA, MS

LOCATION.--Lat 32°36'10", long 90°21'49", NW1/4 NW1/4 NW1/4 sec. 25, T.9 N., R.2 W., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on downstream side of U.S. Highway 49 bridge, 2.5 mi south of Bentonia, and at mile 106.

DRAINAGE AREA.--2,340 mi^2.

PERIOD OF RECORD.--October 1995 to current year. Stage, 1947 to date in reports of U.S. Army Corps of Engineers. Measured discharge, June 1946 to date.

GAGE.--Water-stage recorder. Datum of gage is 130.18 ft above NGVD of 1929.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 1983 reached a stage of 32.48 ft, discharge 86,000 ft^3/s. Peak stage of 34.70 ft on May 23, 1930, 3.1 mi upstream at Ragan 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)
Feb. 16	1400	16,000	25.69	Jul. 6	0000	*20,400	*26.52

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	290	470	4000	5920	3980	3790	814	901	5120	11200	1030	1230
2	278	395	3620	4520	3420	5360	780	1050	4860	11900	1350	859
3	249	335	3290	3020	2300	7570	741	1070	4080	12700	1190	733
4	228	295	3300	2800	1610	7640	704	1110	3160	15100	891	938
5	213	268	3290	2770	5370	7780	681	1040	2730	19100	853	1110
6	206	249	2810	2610	9890	9270	650	901	3110	20000	895	1460
7	210	234	1940	2660	10300	9810	619	789	3500	18400	791	1710
8	206	222	1420	2370	10100	9590	595	690	2620	16500	649	1110
9	198	220	1170	3080	10600	9280	575	597	2000	14200	544	781
10	197	234	1050	4360	11700	9120	569	533	1450	11300	478	624
11	216	228	954	4550	12000	8930	666	490	1120	6370	439	520
12	1690	205	1110	3420	11900	9060	1220	589	918	3640	413	450
13	3130	195	1430	2480	11500	9700	3120	764	791	2740	389	423
14	2140	191	1600	2180	11400	10300	4030	2640	875	2310	381	380
15	1140	187	1960	1860	13300	10300	3640	9860	999	1850	660	343
16	748	195	1820	1510	15700	9480	2980	10600	1610	1600	797	320
17	566	196	1370	2010	15500	5020	2500	11200	2740	1870	599	305
18	461	225	1100	4230	14400	3000	2280	11400	3380	1620	475	295
19	390	308	944	5050	13200	2680	1960	11500	3850	1440	407	289
20	338	635	827	5290	11900	2410	1520	11500	3760	2090	395	290
21	307	960	727	4420	11000	2180	1180	11000	3740	2450	398	293
22	284	929	647	3370	10200	1880	969	9920	3940	2550	404	277
23	267	897	1660	2880	10100	1610	838	8690	5040	2410	468	273
24	252	970	2750	2550	10400	1410	750	7800	6210	1820	576	273
25	240	979	3360	6060	10200	1270	703	6910	6590	1230	463	263
26	243	1140	2920	8460	9420	1170	668	3690	6450	936	543	253
27	234	1540	1930	8680	8100	1100	649	1780	7510	894	519	244
28	334	1940	1580	8400	6380	1020	724	1300	8520	821	486	236
29	650	3470	2060	8080	4600	947	663	1370	8330	650	1020	227
30	634	4390	4210	6740	---	906	600	1110	9370	583	1580	221
31	554	---	5790	4470	---	858	---	3030	---	560	1670	---
TOTAL	17093	22702	66639	130800	280470	164441	38388	135824	118373	190834	21753	16730
MEAN	551	757	2150	4219	9671	5305	1280	4381	3946	6156	702	558
MAX	3130	4390	5790	8680	15700	10300	4030	11500	9370	20000	1670	1710
MIN	197	187	647	1510	1610	858	569	490	791	560	381	221
CFSM	0.24	0.32	0.92	1.80	4.13	2.27	0.55	1.87	1.69	2.63	0.30	0.24
IN.	0.27	0.36	1.06	2.08	4.46	2.61	0.61	2.16	1.88	3.03	0.35	0.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2004, BY WATER YEAR (WY)

MEAN	939	1317	4075	5744	7194	6846	5229	2250	2472	1352	549	695
MAX	4745	5142	12530	10560	10210	11520	13970	5577	8282	6156	903	2044
(WY)	2003	2003	2002	1999	1997	2001	2000	1997	1997	2004	1997	2001
MIN	145	338	401	616	595	2414	1224	553	405	166	121	113
(WY)	2001	2000	2000	2000	2000	2000	1998	2002	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1996 - 2004	
ANNUAL TOTAL	1227558		1204047			
ANNUAL MEAN	3363		3290		3202	
HIGHEST ANNUAL MEAN					4263	2003
LOWEST ANNUAL MEAN					1664	2000
HIGHEST DAILY MEAN	30000	Apr 9	20000	Jul 6	47700	Apr 7 2000
LOWEST DAILY MEAN	187	Nov 15	187	Nov 15	80	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	199	Nov 12	199	Nov 12	83	Sep 3 2000
MAXIMUM PEAK FLOW			20400	Jul 6	86000	May 23 1983
MAXIMUM PEAK STAGE			26.52	Jul 6	34.70	May 23 1930
INSTANTANEOUS LOW FLOW			187	Nov 15,16	79	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.44		1.41		1.37	
ANNUAL RUNOFF (INCHES)	19.52		19.14		18.59	
10 PERCENT EXCEEDS	8110		10100		9860	
50 PERCENT EXCEEDS	1180		1460		998	
90 PERCENT EXCEEDS	289		276		228	

07290000 BIG BLACK RIVER NEAR BOVINA, MS

LOCATION.--Lat 32°20'52", long 90°41'49", in SW1/4 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 23, 1941, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Apr. 24-25, 27-29 and May 8-11. Records good except for estimated daily discharges, which are poor. 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. 26	0600	12,300	28.04	May 15	0300	16,700	31.80
Feb. 20	2100	15,900	31.15	Jul. 10	1400	*17,300	*32.18

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	477	1120	4950	6880	5260	5330	1060	1130	7090	11500	932	1810
2	394	1010	4610	6710	4270	5620	1000	1670	9000	12800	1300	1490
3	354	896	4140	5120	3500	8020	969	1620	8110	13000	1630	1130
4	321	792	3800	3530	2510	8730	965	1500	6090	13000	1490	1020
5	290	716	3760	3200	5800	8710	952	1470	4010	13100	1260	1250
6	265	659	3700	3110	11400	9740	941	1380	3510	13400	1210	1410
7	808	612	3180	2990	11800	10300	917	1250	4800	14200	1190	1600
8	420	585	2450	3070	11700	10500	883	e1140	4350	15500	1100	1800
9	316	577	2000	3580	11800	10600	838	e1040	3280	16600	989	1350
10	315	559	1840	4350	11800	10400	783	e860	2590	17200	795	1070
11	353	547	1710	5330	11900	10100	969	e777	2120	16800	675	818
12	390	549	1590	5130	13000	9840	1320	865	1850	15300	625	687
13	1920	543	1780	3870	13500	9700	2210	1470	1680	9450	581	602
14	3320	518	2190	2910	13600	9890	3520	7040	1680	4130	549	581
15	2620	506	2250	2580	14200	10300	3990	16500	1940	2720	505	508
16	1830	525	2470	2290	14300	10600	3510	16500	2350	2370	639	463
17	1460	551	2290	3370	14400	10500	2870	16300	4670	2310	1000	428
18	1230	825	1920	6930	14800	6850	2460	15600	5050	2750	822	398
19	1060	946	1670	6220	15400	3440	2240	15100	4510	2280	660	378
20	936	873	1490	6170	15800	2830	1990	14600	4620	1950	852	352
21	843	1260	1370	6070	15800	2570	1670	14100	4530	2320	1120	340
22	780	1560	1280	5040	15400	2300	1390	13500	4690	2560	793	338
23	729	1590	2750	3860	14900	2060	1190	12800	5370	2630	660	335
24	685	1970	4410	3320	14600	1850	e1010	11700	7500	2520	820	328
25	654	1820	3990	8980	14000	1710	e1090	9990	9860	2090	927	327
26	716	1740	4010	12200	13700	1540	1260	7730	9290	3330	744	322
27	668	3310	3300	11800	13000	1430	e975	4160	9480	2130	741	309
28	609	3490	2440	11300	11700	1350	e910	2240	10800	1540	730	297
29	642	3190	3070	10700	8640	1280	e850	1960	10600	1290	748	286
30	1110	4260	4730	9770	---	1200	1270	1870	10400	1050	1230	277
31	1210	---	5760	7900	---	1130	---	3440	---	917	1750	---
TOTAL	27725	38099	90900	178280	342480	190420	46002	201302	165820	222737	29067	22304
MEAN	894	1270	2932	5751	11810	6143	1533	6494	5527	7185	938	743
MAX	3320	4260	5760	12200	15800	10600	3990	16500	10800	17200	1750	1810
MIN	265	506	1280	2290	2510	1130	783	777	1680	917	505	277
CFSM	0.32	0.45	1.04	2.05	4.20	2.18	0.55	2.31	1.97	2.56	0.33	0.26
IN.	0.37	0.50	1.20	2.36	4.53	2.52	0.61	2.66	2.19	2.95	0.38	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2004, BY WATER YEAR (WY)

MEAN	799	1572	4244	6686	7823	8105	7368	4620	1870	1461	851	608
MAX	6645	11050	27400	24360	20700	19780	25100	23860	9311	13730	4059	3800
(WY)	2003	1958	1983	1974	1983	1973	1983	1983	1997	1940	1975	1979
MIN	78.8	103	213	216	672	1040	559	398	210	172	121	106
(WY)	1955	1940	1955	1956	2000	1936	1963	1963	1988	1952	1943	1952

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1936 - 2004	
ANNUAL TOTAL	1859700		1555136			
ANNUAL MEAN	5095		4249		3836	
HIGHEST ANNUAL MEAN					10950	1983
LOWEST ANNUAL MEAN					792	1963
HIGHEST DAILY MEAN	45800	Apr 7	17200	Jul 10	90600	May 24 1983
LOWEST DAILY MEAN	265	Oct 6	265	Oct 6	67	Oct 1 1954
ANNUAL SEVEN-DAY MINIMUM	339	Sep 15	307	Sep 24	67	Sep 30 1954
MAXIMUM PEAK FLOW			17300	Jul 10	92300	May 24 1983
MAXIMUM PEAK STAGE			32.18	Jul 10	40.77	May 21 1983
INSTANTANEOUS LOW FLOW			253	Oct 7	65	Oct 2 1954
ANNUAL RUNOFF (CFSM)	1.81		1.51		1.36	
ANNUAL RUNOFF (INCHES)	24.60		20.57		18.54	
10 PERCENT EXCEEDS	11200		12400		11000	
50 PERCENT EXCEEDS	2030		2100		1150	
90 PERCENT EXCEEDS	539		557		202	

e Estimated

07290650 BAYOU PIERRE NEAR WILLOWS, MS

LOCATION.--Lat 32°01'04", long 90°52'37", in NE1/4 sec. 16, T.12 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, near right bank at downstream side of bridge on county highway, 1.4 mi upstream from South Fork Bayou Pierre, and 1.7 mi southeast of Willows.

DRAINAGE AREA.--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 NGVD of 1929. Sept. 9, 1958, to May 31, 1961, crest-stage gage at same site and datum.

REMARKS.--Estimated daily discharges: Jul. 21-25, 28-31 and Aug. 3-4, 7-19. 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)
Feb. 6	0945	*36,500	*24.31	May 18	0230	16,000	18.02
May 15	1600	34,000	23.99				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	75	246	326	371	589	190	452	7430	6920	175	176
2	68	73	195	226	319	544	185	1440	4080	6390	305	146
3	66	72	165	186	282	561	180	636	3070	5070	e185	166
4	67	71	155	165	244	498	176	335	1700	2570	e160	474
5	67	73	141	2650	8280	446	172	241	976	1300	179	404
6	65	72	127	2040	27100	1620	170	203	1020	1080	168	370
7	66	72	118	669	6160	1950	167	184	2010	1090	e135	240
8	84	75	114	529	2120	917	176	171	1080	1240	e132	173
9	74	74	114	2410	1190	532	177	161	839	1200	e128	149
10	74	73	155	1300	993	436	169	163	545	899	e120	140
11	72	72	157	579	1390	381	193	170	439	535	e115	134
12	70	83	150	386	7040	348	336	975	382	423	e113	127
13	72	78	177	297	5000	318	376	3280	343	366	e109	121
14	73	78	224	248	2420	299	298	8310	404	328	e104	119
15	72	76	194	227	3970	373	224	30800	476	292	e101	120
16	69	119	164	217	1990	418	199	17400	2570	263	e97	111
17	68	142	131	488	1080	368	174	7470	2850	279	e92	106
18	70	371	114	2230	779	311	162	10300	1090	312	e89	106
19	70	434	106	1150	623	280	154	8560	599	252	e86	102
20	69	211	100	549	533	262	150	3100	645	229	167	98
21	69	146	97	373	473	252	147	1710	480	e224	759	96
22	69	108	96	290	416	235	146	1210	598	e190	546	93
23	69	98	249	248	1900	223	144	970	2260	e179	241	91
24	69	209	360	238	3530	216	140	801	2420	e179	188	94
25	71	181	213	5400	2840	213	207	682	2320	e181	160	95
26	83	139	155	4300	3260	207	2150	588	1460	e196	141	94
27	128	3630	131	1700	1800	204	905	519	2130	293	128	92
28	99	2050	114	716	1010	202	360	507	4760	e235	117	90
29	92	741	843	488	719	203	238	496	5600	e177	119	90
30	84	356	1880	434	---	210	762	470	3280	e172	653	89
31	78	---	663	408	---	198	---	3880	---	e172	323	---
TOTAL	2317	10052	7848	31467	87832	13814	9227	106184	57856	33236	6135	4506
MEAN	74.7	335	253	1015	3029	446	308	3425	1929	1072	198	150
MAX	128	3630	1880	5400	27100	1950	2150	30800	7430	6920	759	474
MIN	65	71	96	165	244	198	140	161	343	172	86	89
CFSM	0.11	0.51	0.39	1.55	4.63	0.68	0.47	5.24	2.95	1.64	0.30	0.23
IN.	0.13	0.57	0.45	1.79	5.00	0.79	0.52	6.04	3.29	1.89	0.35	0.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2004, BY WATER YEAR (WY)

MEAN	266	509	1128	1571	1680	1756	1672	999	450	319	245	203
MAX	1885	2241	5324	6064	4833	5992	6776	3960	1929	1637	1755	2278
(WY)	1965	1987	1983	1990	1979	1980	1983	1978	2004	1989	1992	2002
MIN	26.4	53.1	139	86.9	73.8	239	133	60.1	58.0	52.4	37.9	48.0
(WY)	1964	1970	2000	2000	2000	1967	1963	1963	1988	2000	1969	2000

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1961 - 2004	
ANNUAL TOTAL	260406		370474			
ANNUAL MEAN	713		1012		895	
HIGHEST ANNUAL MEAN					2099	1983
LOWEST ANNUAL MEAN					191	2000
HIGHEST DAILY MEAN	43700	Feb 22	30800	May 15	72900	Apr 7 1983
LOWEST DAILY MEAN	65	Oct 6	65	Oct 6	17	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	67	Oct 1	67	Oct 1	18	Sep 2 2000
MAXIMUM PEAK FLOW			36500	Feb 6	88000	Apr 7 1983
MAXIMUM PEAK STAGE			24.31	Feb 6	29.36	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.09		1.55		1.37	
ANNUAL RUNOFF (INCHES)	14.81		21.07		18.59	
10 PERCENT EXCEEDS	1350		2410		1790	
50 PERCENT EXCEEDS	188		232		200	
90 PERCENT EXCEEDS	75		77		58	

e Estimated

07291000 HOMOCHITTO RIVER AT EDDICETON, MS

LOCATION.--Lat 31°30'11", long 90°46'39", in SW1/4 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, 0.6 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 NGVD of 1929. Prior to May 18, 1984, at datum 5.0 ft higher. Prior to May 26, 1942, nonrecording gage at site 900 ft upstream.

REMARKS.--Estimated daily discharges: Feb. 5-17. 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)
Feb. 5	unknown	*23,500	[a]*19.25	Feb. 12	unknown	18,300	[a]16.74

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	34	85	90	190	154	89	101	240	3510	405	57
2	40	34	69	73	152	142	90	124	243	3210	166	54
3	40	34	59	62	118	136	89	99	288	980	102	64
4	41	34	53	57	96	132	87	89	228	459	85	70
5	41	34	45	931	e23500	130	86	85	160	508	80	85
6	42	34	40	367	e20000	299	86	83	168	646	76	66
7	48	33	39	155	e5000	181	86	81	248	324	73	56
8	55	34	38	211	e2000	146	86	80	180	257	70	53
9	49	33	42	680	e1000	132	85	80	158	237	66	51
10	51	34	59	264	e500	121	85	80	142	214	66	51
11	48	34	44	131	e800	116	91	96	130	166	75	50
12	46	35	39	89	e13000	111	93	291	123	145	84	50
13	45	33	69	71	e5200	110	90	217	117	131	67	51
14	44	33	74	60	e2000	110	87	1470	139	119	65	50
15	43	34	53	52	e3000	128	84	2120	140	110	60	50
16	42	44	45	44	e1500	123	84	287	171	104	59	49
17	42	50	40	238	e550	111	84	312	327	110	58	48
18	42	84	38	747	361	108	84	468	226	108	57	48
19	42	113	37	261	344	105	84	341	152	98	56	47
20	41	55	36	138	331	102	84	128	128	94	99	47
21	41	44	35	88	309	99	84	106	112	90	172	46
22	41	41	35	66	299	98	83	103	111	90	154	46
23	41	42	50	56	802	98	81	104	173	98	77	48
24	41	87	56	52	363	95	81	107	185	105	64	51
25	47	65	45	2000	335	93	295	112	326	93	60	47
26	73	50	40	822	437	93	397	118	187	164	62	46
27	67	896	38	402	238	94	144	125	806	108	65	45
28	42	338	37	282	188	94	118	133	1100	94	64	44
29	37	132	255	222	167	92	106	144	1460	90	124	44
30	35	102	301	337	---	94	101	153	1270	89	76	43
31	34	---	117	268	---	91	---	184	---	103	61	---
TOTAL	1382	2650	2013	9316	82780	3738	3224	8021	9438	12654	2848	1557
MEAN	44.6	88.3	64.9	301	2854	121	107	259	315	408	91.9	51.9
MAX	73	896	301	2000	23500	299	397	2120	1460	3510	405	85
MIN	34	33	35	44	96	91	81	80	111	89	56	43
CFSM	0.25	0.49	0.36	1.66	15.8	0.67	0.59	1.43	1.74	2.26	0.51	0.29
IN.	0.28	0.54	0.41	1.91	17.01	0.77	0.66	1.65	1.94	2.60	0.59	0.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

MEAN	97.8	153	306	424	542	528	454	269	138	142	96.8	87.5
MAX	765	742	1428	1398	2854	1722	1981	1818	534	1036	557	611
(WY)	1965	1958	1983	1990	2004	2001	1974	1953	1975	1989	1992	2002
MIN	31.4	37.5	61.8	47.2	46.7	72.3	64.4	47.1	42.3	35.0	34.2	33.3
(WY)	1953	1939	2000	2000	2000	2000	1963	2000	1972	2000	2000	1956

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	88151		139621			
ANNUAL MEAN	242		381		268	
HIGHEST ANNUAL MEAN					587	1983
LOWEST ANNUAL MEAN					55.5	2000
HIGHEST DAILY MEAN	18400	Feb 21	23500	Feb 5	34600	Apr 13 1974
LOWEST DAILY MEAN	33	Nov 7	33	Nov 7	11	Jun 1 1989
ANNUAL SEVEN-DAY MINIMUM	34	Nov 3	34	Nov 3	13	May 29 1989
MAXIMUM PEAK FLOW			23500	Feb 5	55400	Apr 13 1974
MAXIMUM PEAK STAGE			19.25a	Feb 5	24.53b	Apr 13 1974
ANNUAL RUNOFF (CFSM)	1.33		2.11		1.48	
ANNUAL RUNOFF (INCHES)	18.12		28.70		20.15	
10 PERCENT EXCEEDS	357		398		433	
50 PERCENT EXCEEDS	72		90		83	
90 PERCENT EXCEEDS	41		41		43	

e Estimated
a From flood mark.
b To present datum.

07292500 HOMOCHITTO RIVER AT ROSETTA, MS

LOCATION.--Lat 31°19'29", long 91°06'34", in NW1/4 sec. 13, 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 NGVD of 1929. June 16 to Nov. 12, 1906, nonrecording gage at present site, at different datum, December 1976 to April 1978, near right bank on downstream side of Illinois Central and Gulf Railroad bridge, 800 ft upstream and nonrecording gage read twice daily at present site, all at same datum.

REMARKS.--No estimated daily discharges. Records good. 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)
Jan. 25	1445	17,800	13.87	Feb. 23	1615	40,700	17.65
Feb. 5	2030	*67,700	20.49	May 15	0445	51,500	18.91
Feb. 12	0200	52,300	18.99	May 19	0000	16,100	13.48

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	318	516	550	1010	1380	533	483	1530	6910	749	361
2	252	321	469	500	858	1230	517	919	1550	6740	876	346
3	251	323	445	481	780	1120	507	689	1820	4690	520	414
4	255	324	435	466	720	1040	496	491	1650	1970	438	743
5	259	324	420	2060	20900	1010	491	445	936	1320	424	465
6	260	324	407	1900	20500	3730	485	423	1230	2810	590	425
7	274	322	405	756	4320	2320	486	402	1760	1830	437	378
8	293	320	405	715	2810	1330	493	392	1240	1430	389	355
9	293	319	408	2320	2010	1040	492	387	841	1330	374	343
10	296	315	435	1340	1740	923	479	378	689	1660	368	338
11	297	315	433	764	8150	883	486	387	615	918	378	333
12	288	315	402	613	25600	793	588	2740	566	755	610	328
13	282	310	469	557	4340	783	589	5320	528	670	437	477
14	279	303	602	527	4630	788	537	15900	509	616	361	387
15	277	302	484	510	5540	1440	488	31600	558	578	340	355
16	277	303	446	485	2580	1160	470	8060	625	545	328	343
17	276	305	433	1300	1760	873	463	4490	949	534	321	335
18	277	308	425	3800	1400	770	456	8820	1110	582	315	326
19	277	569	421	1400	1180	723	449	8410	1010	520	312	318
20	275	457	417	819	1050	687	445	3340	913	485	314	317
21	275	384	415	655	938	653	441	2120	643	465	461	320
22	273	365	413	589	820	618	437	1660	758	451	726	338
23	270	360	432	551	18100	599	428	1400	1160	448	470	325
24	267	438	487	528	6000	590	425	1220	1640	642	373	330
25	272	483	451	8470	4300	588	1220	1080	4540	517	365	339
26	354	403	424	4180	6370	580	4650	985	2100	1030	373	325
27	399	3320	415	1830	3250	571	1290	909	1830	775	361	316
28	357	2490	411	1160	2040	569	674	845	5300	519	348	311
29	332	922	808	949	1570	586	529	807	4040	467	881	308
30	322	604	1500	1870	---	631	481	760	2880	443	676	306
31	318	---	729	1670	---	567	---	1030	---	442	409	---
TOTAL	8929	16466	15362	44315	155266	30575	20525	106892	45520	43092	14324	10905
MEAN	288	549	496	1430	5354	986	684	3448	1517	1390	462	364
MAX	399	3320	1500	8470	25600	3730	4650	31600	5300	6910	881	743
MIN	251	302	402	466	720	567	425	378	509	442	312	306
CFSM	0.37	0.70	0.63	1.82	6.80	1.25	0.87	4.38	1.93	1.77	0.59	0.46
IN.	0.42	0.78	0.73	2.09	7.34	1.45	0.97	5.05	2.15	2.04	0.68	0.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2004, BY WATER YEAR (WY)

MEAN	576	735	1307	1776	2107	1987	1880	1248	743	636	488	497
MAX	3855	3010	5344	6205	6024	6206	8806	7650	3184	3753	1716	2131
(WY)	1965	1958	1962	1990	2003	1961	1974	1953	1975	1989	1992	2001
MIN	141	202	335	255	253	477	313	247	232	208	166	158
(WY)	1953	1964	1954	1957	2000	2000	1963	1963	1988	2000	1954	1956

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1952 - 2004	
ANNUAL TOTAL	370676		512171			
ANNUAL MEAN	1016		1399		1160	
HIGHEST ANNUAL MEAN					2342	1983
LOWEST ANNUAL MEAN					344	2000
HIGHEST DAILY MEAN	56100	Feb 22	31600	May 15	118000	Apr 13 1974
LOWEST DAILY MEAN	248	Sep 30	251	Oct 3	123	Oct 5 2000
ANNUAL SEVEN-DAY MINIMUM	252	Sep 29	258	Oct 1	129	Sep 1 2000
MAXIMUM PEAK FLOW			67700	Feb 5	150000	Apr 13 1974
MAXIMUM PEAK STAGE			20.49	Feb 5	36.03	May 4 1953
INSTANTANEOUS LOW FLOW			247	Oct 3		
ANNUAL RUNOFF (CFSM)	1.29		1.78		1.47	
ANNUAL RUNOFF (INCHES)	17.52		24.21		20.03	
10 PERCENT EXCEEDS	1500		2760		2080	
50 PERCENT EXCEEDS	436		528		475	
90 PERCENT EXCEEDS	295		315		230	

07295000 BUFFALO RIVER NEAR WOODVILLE, MS

LOCATION.--Lat 31°13'37", long 91°17'44", 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, 31 mi upstream from mouth.

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 NGVD of 1929. Prior to June 1, 1942, nonrecording gage at same site. Prior to Oct. 1, 1964, at datum 3.00 ft higher.

REMARKS.--No estimated daily discharges. Records good. 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)
Jan. 25	1045	25,200	17.56	Feb. 23	1230	13,700	14.57
Feb. 5	1630	19,600	16.29	May 14	0230	17,000	15.59
Feb. 11	2300	18,800	16.07	May 15	0030	*27,400	*18.00

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	54	94	91	221	237	104	182	1280	703	117	69
2	39	54	87	86	192	218	102	244	637	2250	111	69
3	39	54	83	84	176	221	100	103	1540	1360	105	75
4	39	54	81	79	161	198	97	81	459	272	101	222
5	40	54	78	930	6790	194	94	77	983	188	98	123
6	41	54	75	242	1800	748	93	74	2790	182	108	78
7	76	53	73	145	503	272	95	72	1280	147	94	73
8	63	53	72	305	319	200	106	71	474	136	90	70
9	48	53	73	551	255	178	100	70	325	173	88	70
10	56	52	90	218	362	164	94	69	260	810	88	69
11	51	53	76	167	6170	155	97	70	223	176	88	69
12	47	53	70	150	4150	150	114	4210	197	142	106	71
13	45	53	214	142	809	145	109	1470	177	133	88	106
14	45	52	149	136	1730	177	99	12400	201	123	82	74
15	43	52	90	130	894	449	95	7740	255	119	82	72
16	42	72	79	125	414	217	96	1290	186	114	82	71
17	42	93	72	2250	315	169	97	767	345	114	81	70
18	42	153	69	1080	267	151	96	1000	370	128	80	70
19	43	121	67	319	238	141	96	1130	199	110	78	69
20	43	70	65	228	218	133	96	489	847	106	79	68
21	42	62	64	202	195	128	96	381	199	104	93	67
22	42	60	64	186	178	121	96	329	151	104	82	68
23	42	62	87	175	4450	119	95	295	225	103	80	69
24	41	134	96	169	913	117	95	267	1380	109	77	74
25	45	82	71	7840	873	116	810	246	3760	103	76	71
26	78	67	66	787	556	114	590	229	979	1170	81	70
27	62	1440	63	354	356	110	116	216	1140	178	76	69
28	58	251	63	253	286	108	92	207	786	138	74	70
29	56	131	524	220	255	120	84	203	346	127	75	69
30	55	103	199	686	---	146	86	193	439	123	72	69
31	54	---	108	318	---	111	---	1850	---	128	70	---
TOTAL	1498	3699	3162	18648	34046	5827	4140	36025	22433	9873	2702	2354
MEAN	48.3	123	102	602	1174	188	138	1162	748	318	87.2	78.5
MAX	78	1440	524	7840	6790	748	810	12400	3760	2250	117	222
MIN	39	52	63	79	161	108	84	69	151	103	70	67
CFSM	0.27	0.69	0.57	3.34	6.52	1.04	0.77	6.46	4.15	1.77	0.48	0.44
IN.	0.31	0.76	0.65	3.85	7.04	1.20	0.86	7.45	4.64	2.04	0.56	0.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2004, BY WATER YEAR (WY)

MEAN	123	187	337	475	545	558	439	278	182	153	94.3	120
MAX	1169	1008	1771	2402	1605	2074	1539	1928	991	1110	429	697
(WY)	1986	1949	1972	1990	1987	1973	1983	1953	1989	1969	1992	1958
MIN	19.5	30.0	45.7	49.2	40.2	84.4	48.8	35.3	39.1	26.2	23.3	22.9
(WY)	1964	1970	1967	1981	2000	1955	1963	1963	1965	2000	2000	1952

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1942 - 2004	
ANNUAL TOTAL	81998		144407			
ANNUAL MEAN	225		395		290	
HIGHEST ANNUAL MEAN					552	1983
LOWEST ANNUAL MEAN					70.6	2000
HIGHEST DAILY MEAN	17000	Feb 21	12400	May 14	30700	Mar 25 1973
LOWEST DAILY MEAN	33	Sep 11	39	Oct 1	9.0	Oct 26 1993
ANNUAL SEVEN-DAY MINIMUM	35	Sep 5	42	Oct 18	17	Aug 31 2000
MAXIMUM PEAK FLOW			27400	May 15	65000	Mar 25 1973
MAXIMUM PEAK STAGE			18.00	May 15	22.30a	Mar 25 1973
INSTANTANEOUS LOW FLOW			39	Oct 1		
ANNUAL RUNOFF (CFSM)	1.25		2.19		1.61	
ANNUAL RUNOFF (INCHES)	16.95		29.84		21.92	
10 PERCENT EXCEEDS	290		810		484	
50 PERCENT EXCEEDS	70		108		87	
90 PERCENT EXCEEDS	42		54		36	

a To present datum.

07375280 TANGIPAHOA RIVER AT OSYKA, MS

LOCATION.--Lat 31°00'44", long 90°27'40", in SW1/4 NW1/4 NW1/4 sec.36, T.1 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, County code 113, on upstream left bank end of bridge on State Highway 584 at Osyka, Ms, about 1/2 mi north northeast of Osyka, MS, and about 1/2 mi upstream of the Louisiana-Mississippi State Line.

DRAINAGE AREA.--158 mi^2.

PERIOD OF RECORD.--Occasional discharge measurements, water years 1976-91. October 1996 to current water year.

GAGE.--Water-stage recorder. Datum of gage is 215.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 7	0530	6,120	15.08	Feb. 26	0015	4,310	14.39
Feb. 12	2130	7,350	15.46	May 13	1145	3,950	14.23
Feb. 24	0745	4,960	14.66	May 16	0545	*10,000	*16.14

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	121	129	177	328	377	323	131	208	732	2250	137	161
2	123	129	153	234	280	289	127	619	629	1650	141	149
3	122	128	137	198	234	262	124	337	659	694	135	138
4	118	129	132	181	205	246	122	242	516	393	130	139
5	120	130	131	198	350	237	120	181	340	291	127	150
6	123	129	134	262	4310	602	117	168	356	246	154	143
7	125	129	131	275	5240	406	117	152	661	248	144	125
8	127	130	128	236	1940	305	119	143	510	237	128	123
9	127	126	131	501	494	237	118	142	331	333	125	123
10	138	125	139	525	362	203	115	132	244	269	125	124
11	146	125	132	363	863	179	127	135	205	207	124	124
12	138	125	135	259	5360	170	243	730	184	182	276	141
13	134	126	201	214	5510	168	164	3270	171	168	141	139
14	131	130	302	191	2510	166	136	1320	165	159	140	142
15	130	116	220	178	1050	227	126	3710	180	153	142	344
16	125	120	181	171	688	206	118	7980	172	148	137	210
17	125	131	161	176	451	184	118	3990	212	153	128	118
18	128	220	148	292	359	169	117	2030	220	155	126	113
19	126	279	142	283	304	160	114	966	201	148	127	110
20	126	174	140	237	280	156	111	693	179	142	135	106
21	123	140	142	196	255	150	114	426	164	139	172	101
22	122	129	139	177	232	146	114	310	161	139	257	100
23	120	124	145	167	1160	135	111	252	204	161	175	101
24	120	179	196	160	4050	133	119	219	191	152	151	103
25	123	165	177	296	3590	135	381	198	383	143	148	102
26	229	133	162	1140	2220	137	977	184	658	159	147	101
27	176	208	153	1090	835	134	378	173	911	147	152	101
28	146	499	149	461	508	133	237	162	1460	137	151	102
29	135	469	510	275	379	132	177	158	1240	133	431	105
30	130	248	1070	431	---	141	164	158	1210	132	251	110
31	128	---	617	489	---	133	---	225	---	131	185	---
TOTAL	4105	5124	6615	10184	44396	6404	5356	29613	13449	9799	5042	3948
MEAN	132	171	213	329	1531	207	179	955	448	316	163	132
MAX	229	499	1070	1140	5510	602	977	7980	1460	2250	431	344
MIN	118	116	128	160	205	132	111	132	161	131	124	100
MED	126	129	148	259	508	169	121	225	288	159	141	123
CFSM	0.84	1.08	1.35	2.08	9.69	1.31	1.13	6.05	2.84	2.00	1.03	0.83
IN.	0.97	1.21	1.56	2.40	10.45	1.51	1.26	6.97	3.17	2.31	1.19	0.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

MEAN	207	195	207	392	591	406	347	232	247	227	196	246
MAX	872	548	430	1044	1531	932	1355	955	448	525	532	923
(WY)	2003	2003	1998	1998	2004	2001	1997	2004	2004	2003	2002	2002
MIN	66.8	81.0	101	103	87.9	105	106	69.5	72.4	65.4	69.2	79.3
(WY)	2001	2000	2000	2000	2000	2000	1999	2001	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	109450		144035			
ANNUAL MEAN	300		394		289	
HIGHEST ANNUAL MEAN					402	2003
LOWEST ANNUAL MEAN					90.7	2000
HIGHEST DAILY MEAN	6840	Feb 22	7980	May 16	23300	Apr 28 1997
LOWEST DAILY MEAN	116	Nov 15	100	Sep 22	55	May 31 2000
ANNUAL SEVEN-DAY MINIMUM	122	Sep 30	101	Sep 21	55	May 29 2000
MAXIMUM PEAK FLOW			10000	May 16	31000	Apr 28 1997
MAXIMUM PEAK STAGE			16.14	May 16	18.66	Apr 28 1997
INSTANTANEOUS LOW FLOW			99	Sep 26	50	Jun 9 2000
ANNUAL RUNOFF (CFSM)	1.90		2.49		1.83	
ANNUAL RUNOFF (INCHES)	25.77		33.91		24.87	
10 PERCENT EXCEEDS	477		660		448	
50 PERCENT EXCEEDS	163		161		134	
90 PERCENT EXCEEDS	129		122		80	

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. Satellite telemetry and rain gage at station. Datum of gage is 145.81 ft above NGVD of 1929. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

REMARKS.--Records not available at this time. Records may be found in the "Water Resources Data, Louisiana, Water Year 2004" (WDR LA-04-1).

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the U.S. Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low- or flood-flow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better area coverage to these events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

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

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

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

Flood hydrograph partial-record stations

MOBILE RIVER BASIN

02437000 TOMBIGBEE RIVER NEAR AMORY, MS

LOCATION.--Lat 33°59'08", long 88°33'04", in NW1/4 NE1/4 sec.3, T.12 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.--1,930 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 NGVD of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 10, 1939, nonrecording gage at site 1,500 ft upstream at same datum. Oct. 10, 1939 to Oct. 16, 1948, nonrecording gage at present site and datum. Water-stage recorder for station at Aberdeen (station 02437500),20 mi downstream, was used as an auxiliary gage for this station 1950-58.

REMARKS.--Records 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.--Maximum discharge, 44,700 ft^3/s, Feb 6, gage height, 26.64 ft.

Flood hydrograph partial-record stations--continued

MOBILE RIVER BASIN--Continued

02437000 TOMBIGBEE RIVER NEAR AMORY, MS--Continued

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
02 05	0600	12.05	2550	03 05	0600	14.01	5070	06 25	0100	12.15	2660
02 05	0700	12.23	2750	03 05	0700	14.04	5120	06 25	0200	12.59	3140
02 05	0800	12.51	3070	03 05	0800	14.09	5190	06 25	0300	13.00	3680
02 05	0900	13.49	4340	03 05	0900	14.16	5300	06 25	0400	13.40	4210
02 05	1000	16.35	9060	03 05	1000	14.23	5400	06 25	0500	13.82	4800
02 05	1100	18.07	12700	03 05	1100	14.32	5540	06 25	0600	14.96	6550
02 05	1200	19.13	15300	03 05	1200	14.41	5670	06 25	0700	16.51	9380
02 05	1300	19.96	17400	03 05	1300	14.45	5740	06 25	0800	17.60	11700
02 05	1400	20.64	19300	03 05	1400	14.49	5800	06 25	0900	18.44	13600
02 05	1500	21.21	20900	03 05	1500	14.52	5840	06 25	1000	18.98	14900
02 05	1600	21.85	23100	03 05	1600	14.52	5840	06 25	1100	19.54	16400
02 05	1700	22.41	25000	03 05	1700	14.51	5830	06 25	1200	19.89	17200
02 05	1800	22.91	26900	03 05	1800	14.49	5800	06 25	1300	20.54	18100
02 05	1900	23.43	28900	03 05	1900	14.53	5860	06 25	1400	20.54	19000
02 05	2000	23.89	30700	03 05	2000	14.84	6360	06 25	1500	20.82	19700
02 05	2100	24.30	32600	03 05	2100	15.39	7290	06 25	1600	21.04	20400
02 05	2200	24.74	34700	03 05	2200	16.92	10200	06 25	1700	21.35	21400
02 05	2300	25.11	36500	03 05	2300	18.67	14200	06 25	1800	21.37	21500
02 06	0000	25.49	38300	03 06	0000	19.91	17300	06 25	1900	21.54	22000
02 06	0100	25.72	39700	03 06	0100	20.75	19600	06 25	2000	21.70	22600
02 06	0200	26.01	41000	03 06	0200	21.51	21900	06 25	2045	21.80	22900
02 06	0300	26.21	42100	03 06	0300	22.09	23900	06 25	2100	21.81	22900
02 06	0400	26.38	43200	03 06	0400	22.56	25600	06 25	2115	21.85	23100
02 06	0500	26.43	43500	03 06	0500	23.09	27500	06 25	2130	21.93	23400
02 06	0600	26.51	43900	03 06	0600	23.51	29200	06 25	2145	21.92	23300
02 06	0700	26.56	44300	03 06	0700	23.88	30700	06 25	2200	21.92	23300
02 06	0715	26.59	44400	03 06	0800	24.26	32400	06 25	2215	21.92	23300
02 06	0730	26.54	44100	03 06	0900	24.57	33900	06 25	2230	21.92	23300
02 06	0745	26.59	44400	03 06	1000	24.83	35100	06 25	2245	21.96	23500
02 06	0800	26.62	44600	03 06	1100	25.00	36000	06 25	2300	21.96	23500
02 06	0815	26.59	44400	03 06	1200	25.15	36700	06 25	2315	21.96	23500
02 06	0830	26.61	44600	03 06	1300	25.26	37200	06 25	2330	21.94	23400
02 06	0845	26.62	44600	03 06	1315	25.29	37300	06 25	2345	21.92	23300
02 06	0900	26.62	44600	03 06	1330	25.31	37400	06 26	0000	21.93	23400
02 06	0915	26.64	44700	03 06	1345	25.28	37300	06 26	0100	21.89	23200
02 06	0930	26.63	44700	03 06	1400	25.30	37400	06 26	0200	21.81	22900
02 06	0945	26.63	44700	03 06	1415	25.33	37500	06 26	0400	21.69	22500
02 06	1000	26.61	44600	03 06	1430	25.35	37600	06 26	0600	21.60	22200
02 06	1015	26.62	44600	03 06	1445	25.34	37600	06 26	0800	21.42	21600
02 06	1030	26.64	44700	03 06	1500	25.35	37600	06 26	1400	19.94	17400
02 06	1045	26.63	44700	03 06	1515	25.36	37700	06 26	1600	19.10	15200
02 06	1100	26.60	44500	03 06	1530	25.32	37500	06 26	1800	18.32	13300
02 06	1115	26.63	44700	03 06	1545	25.35	37600	06 26	2000	17.63	11700
02 06	1130	26.59	44400	03 06	1600	25.34	37600	06 26	2200	17.01	10400
02 06	1145	26.57	44300	03 06	1615	25.34	37600	06 27	0000	16.56	9480
02 06	1200	26.56	44300	03 06	1630	25.31	37400	06 27	0400	15.93	8260
02 06	1300	26.45	43600	03 06	1645	25.32	37500	06 27	0800	15.61	7680
02 06	1400	26.32	43800	03 06	1700	25.27	37300	06 27	1200	15.52	7520
02 06	1500	26.16	41800	03 06	1800	25.11	36900	06 27	1600	15.76	7950
02 06	1600	25.95	40600	03 06	1900	25.02	36000				
02 06	1700	25.73	39500	03 06	2000	24.83	35100				
02 06	1800	25.46	38200	03 06	2100	24.56	33800				
02 06	1900	25.23	37100	03 06	2200	24.28	32500				
02 06	2000	24.97	35800	03 06	2300	23.95	31000				
02 06	2100	24.71	34500	03 07	0000	23.64	29700				
02 06	2200	24.43	33200	03 07	0200	22.92	26900				
02 06	2300	24.19	32100	03 07	0400	22.18	24200				
02 07	0000	23.92	30900	03 07	0600	21.44	21700				
02 07	0500	23.08	27500	03 07	0800	20.71	19400				
02 07	1000	23.07	27500	03 07	1000	20.06	17700				
02 07	1500	23.29	28300	03 07	1200	19.56	16400				
02 07	2000	23.59	29500	03 07	1400	19.17	15400				
02 08	0000	23.72	30000	03 07	1600	18.88	14700				
02 08	0600	23.67	29800								
02 08	1200	22.99	27200								
02 08	1800	22.24	24400								
02 09	0000	21.19	20900								
02 09	0800	20.06	17700								
02 09	1600	18.56	13900								
02 10	0000	17.71	11900								
02 10	0800	16.85	10100								
02 10	1600	16.72	9800								

Flood hydrograph partial-record stations--Continued

JOURDAN RIVER BASIN

02481660 JOURDAN RIVER NEAR BAY ST. LOUIS, MS

LOCATION.--Lat 30°23'14", long 89°26'29", SE1/4 SW1/4 sec.31, T.7 S., R.14 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, at State Highway 43, 1.5 mi south of Kiln, MS, about 10 mi north of Bay St. Louis, MS, and about 10.6 mi upstream of the Gulf of Mexico.

DRAINAGE AREA.--210 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is NAVD 1988.

REMARKS.--Records fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 9-10, 1995, discharge 37,000 ft^3/s, May 10, 1995, gage height 12.48 ft.

EXTREMES FOR CURRENT WATER YEAR.--Maximum discharge 13,500 ft^3/s, Sept. 15, gage height 4.27 ft.

GAGE-HEIGHT, IN FEET, AND DISCHARGE IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
05 04	0700	1.46	4680	09 04	2130	1.39	4440
05 04	0900	1.57	5050	09 04	2230	1.59	5110
05 04	1000	2.02	6510	09 04	2330	1.93	6220
05 04	1100	2.26	7280	09 04	0030	2.29	6830
05 04	1200	2.35	7570	09 04	0130	2.52	8110
05 04	1300	2.52	8110	09 04	0230	2.56	8240
05 04	1400	2.75	8840	09 04	0330	2.44	7860
05 04	1500	2.88	9260	09 04	0430	2.41	7760
05 04	1600	2.86	9190	09 04	0530	2.58	8300
05 04	1700	2.82	9070	09 04	0630	2.79	8970
05 04	1800	2.86	9190	09 04	0730	2.92	9390
05 04	1900	2.94	9450	09 04	0830	2.94	9450
05 04	2000	3.09	9920	09 04	0930	2.92	9390
05 04	2100	3.23	10300	09 04	1030	2.89	9290
05 04	2130	3.26	10400	09 04	1130	3.01	9670
05 04	2200	3.32	10600	09 04	1230	3.34	10700
05 04	2230	3.32	10600	09 04	1330	3.67	11700
05 04	2300	3.36	10700	09 04	1430	3.92	12400
05 04	2330	3.44	11000	09 04	1530	3.98	12600
05 04	0000	3.48	11100	09 04	1630	4.12	13000
05 04	0030	3.46	11100	09 04	1700	4.18	13200
05 04	0100	3.52	11200	09 04	1730	4.23	13400
05 04	0115	3.54	11300	09 04	1800	4.27	13500
05 04	0130	3.49	11100	09 04	1815	4.27	13500
05 04	0200	3.50	11200	09 04	1830	4.26	13500
05 04	0230	3.53	11300	09 04	1900	4.16	13200
05 04	0300	3.50	11200	09 04	1930	4.05	12800
05 04	0600	3.48	11100	09 04	2000	3.91	12400
05 04	0630	3.45	11000	09 04	2030	3.79	12000
05 04	0700	3.44	11000	09 04	2100	3.63	11600
05 04	0800	3.15	10100	09 04	2200	3.25	10400
05 04	0900	3.22	10300	09 04	2300	3.01	9670
05 04	1000	3.17	10200				
05 04	1100	3.08	9880				
05 04	1200	3.11	9980				
05 04	1300	3.07	9850				
05 04	1400	3.09	9920				
05 04	1500	3.11	9980				
05 04	1600	3.05	9790				
05 04	1700	2.92	9390				
05 04	1800	2.83	9100				
05 04	1900	2.77	8910				
05 04	2000	2.76	8880				
05 04	2200	2.68	8620				

Flood hydrograph partial-record stations--Continued

PEARL RIVER BASIN

02485800 EUBANKS CREEK AT JACKSON, MS

LOCATION.--Lat 32°20'23", long 90°09'52", 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, about 1,600 ft upstream from Interstate 55 and 1.3 mi upstream from the mouth.

DRAINAGE AREA.--5.20 mi^2, revised. (Incluldes 1.28 mi^2 impounded by Lake Hico.)

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

REMARKS.--Records good. 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, 1,260 ft^3/s, May 4, gage height 9.56 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11 03	0445	4.81	160								
11 03	0500	5.26	222	05 04	1715	5.34	234	08 05	1800	6.24	389
11 03	0515	5.70	292	05 04	1730	8.68	983	08 05	1815	6.72	486
11 03	0530	5.72	295	05 04	1745	9.49	1230	08 05	1830	6.97	541
11 03	0545	5.86	319	05 04	1800	9.56	1260	08 05	1845	8.70	989
11 03	0600	6.51	442	05 04	1815	9.32	1180	08 05	1900	9.36	1190
11 03	0615	8.36	891	05 04	1830	8.67	980	08 05	1915	9.16	1130
11 03	0630	8.96	1070	05 04	1845	7.55	677	08 05	1930	8.10	819
11 03	0645	8.83	1030	05 04	1900	6.64	469	08 05	1945	7.13	577
11 03	0700	8.09	817	05 04	1915	6.02	348	08 05	2000	6.24	389
11 03	0715	7.25	605	05 04	1930	5.66	285	08 05	2015	5.52	262
11 03	0730	6.48	436	05 04	1945	5.39	242	08 05	2030	5.03	189
11 03	0745	5.86	319	05 04	2000	5.16	207	08 05	2045	4.67	142
11 03	0800	5.38	240	05 04	2015	4.97	181	08 05	2100	4.40	111
11 03	0815	5.04	190	05 04	2030	4.76	153	08 05	2115	4.18	89
11 03	0830	4.74	151	05 04	2045	4.56	129	08 05	2130	4.00	72
11 03	0845	4.50	122	05 04	2100	4.38	109				
11 03	0900	4.29	100	05 04	2115	4.21	92				
11 03	0915	4.12	83	05 04	2130	4.08	79				

Flood hydrograph partial-record stations--Continued

PEARL RIVER BASIN--Continued

02485950 TOWN CREEK AT JACKSON, MS

LOCATION.--Lat 32°18'13", long 90°11'33", in NW1/4 SW1/4 sec.3, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at bridge on Gallatin street in Jackson, 300 ft upstream of Illinois Central Railroad and 2.5 mi upstream from mouth.

DRAINAGE AREA.--11.4 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 NGVD of 1929. 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, 7,480 ft^3/s, April 7, 2003, maximum gage height, 18.39 ft, April 7, 2003.

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, 2,600 ft^3/s, Nov. 27, gage height, 9.36 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-27	0445	4.55	755	05-14	2000	3.51	458	05-18	1715	3.02	335
11-27	0500	4.65	786	05-14	2015	4.59	767	05-18	1730	6.66	1480
11-27	0515	5.02	903	05-14	2030	5.54	1080	05-18	1745	8.10	2050
11-27	0530	5.36	1020	05-14	2045	5.87	1190	05-18	1800	8.47	2210
11-27	0545	5.80	1170	05-14	2100	6.60	1460	05-18	1815	8.41	2180
11-27	0600	6.34	1360	05-14	2115	7.20	1690	05-18	1830	8.14	2070
11-27	0615	7.61	1850	05-14	2130	8.16	2080	05-18	1845	7.70	1890
11-27	0630	8.84	2370	05-14	2145	8.89	2390	05-18	1900	7.13	1660
11-27	0645	9.36	2600	05-14	2200	9.14	2500	05-18	1915	6.46	1410
11-27	0700	9.33	2580	05-14	2215	9.22	2540	05-18	1930	6.04	1250
11-27	0715	8.90	2390	05-14	2230	8.96	2420	05-18	1945	5.62	1100
11-27	0730	8.28	2130	05-14	2245	8.50	2220	05-18	2000	5.34	1010
11-27	0745	7.68	1880	05-14	2300	7.96	1990	05-18	2015	4.90	865
11-27	0800	6.97	1600	05-14	2315	7.48	1800	05-18	2030	4.65	786
11-27	0815	6.37	1370	05-14	2330	7.19	1680	05-18	2045	4.55	755
11-27	0830	5.90	1200	05-14	2345	6.79	1530	05-18	2100	4.32	686
11-27	0845	5.38	1020	05-15	0000	6.39	1380	05-18	2115	4.17	641
11-27	0900	4.88	858	05-15	0015	6.16	1300	05-18	2130	3.98	587
11-27	0915	4.58	764	05-15	0030	5.93	1210	05-18	2145	3.90	564
11-27	0930	4.35	695	05-15	0045	5.77	1160	05-18	2200	3.74	520
11-27	0945	4.02	598	05-15	0100	5.55	1080	05-18	2215	3.51	458
11-27	1000	3.83	545	05-15	0115	5.25	979	05-18	2230	3.41	432
11-27	1015	3.67	501	05-15	0130	5.18	956	05-18	2245	3.19	376
				05-15	0145	4.95	881	05-18	2300	3.06	344
				05-15	0200	4.74	814				
				05-15	0215	4.42	716				
				05-15	0230	4.25	665				
				05-15	0245	4.10	621				
				05-15	0300	3.87	556				
				05-15	0315	3.64	493				
				05-15	0330	3.44	440				
				05-15	0345	3.27	396				
				05-15	0400	3.11	356				

Flood hydrograph partial-record stations--Continued

PEARL RIVER BASIN--Continued

02486100 LYNCH CREEK AT JACKSON, MS

LOCATION.--Lat 32°17'05", long 90°12'54", 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.--12.1 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 NGVD of 1929.

REMARKS.--Records poor. Occasional backwater from Pearl River.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,470 ft^3/s, Apr. 7, 2003, gage height, 18.85 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, 4,450 ft^3/s, May 14, 2004 , gage height 15.41 ft (from flood mark).

GAGE-HEIGHT, IN FEET, AND DISCHARGE IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11 27	0200	4.00	79	05 14	0800	4.36	108	05 31	0415	4.39	111
11 27	0230	6.96	495	05 14	0900	5.66	261	05 31	0430	4.45	117
11 27	0300	8.60	917	05 14	1000	5.83	287	05 31	0445	5.63	257
11 27	0330	8.33	837	05 14	1100	5.88	295	05 31	0500	6.68	437
11 27	0400	8.51	890	05 14	1200	5.41	226	05 31	0515	8.23	808
11 27	0415	8.39	854	05 14	1300	5.03	178	05 31	0530	9.49	1210
11 27	0430	8.18	794	05 14	1400	4.74	145	05 31	0545	10.13	1450
11 27	0445	7.92	724	05 14	1500	4.53	124	05 31	0600	10.65	1660
11 27	0500	7.88	713	05 14	1600	4.41	113	05 31	0615	11.22	1920
11 27	0515	8.07	764	05 14	1700	4.31	104	05 31	0630	11.86	2230
11 27	0530	8.45	872	05 14	1800	4.21	96	05 31	0645	12.23	2420
11 27	0545	8.87	1000	05 14	1900	4.35	107	05 31	0700	12.20	2400
11 27	0600	9.39	1170	05 14	2000	5.63	258	05 31	0715	12.24	2420
11 27	0615	10.71	1690	05 14	2015	7.30	570	05 31	0730	12.12	2360
11 27	0630	12.26	2430	05 14	2030	8.77	969	05 31	0745	12.03	2310
11 27	0645	12.86	2760	05 14	2045	10.11	1440	05 31	0800	12.24	2420
11 27	0700	12.82	2740	05 14	2100	11.10	1860	05 31	0815	12.37	2490
11 27	0715	12.53	2580	05 14	2115	12.31	2460	05 31	0830	12.15	2380
11 27	0730	12.15	2380	05 14	2130	13.66	3140	05 31	0845	11.83	2210
11 27	0745	11.72	2160	05 14	2145	14.87	4050	05 31	0900	11.47	2030
11 27	0800	11.22	1920	05 14	2200	15.17	4270	05 31	0915	11.24	1930
11 27	0815	10.63	1660	05 14	2215	15.31	4370	05 31	0930	10.98	1810
11 27	0830	10.01	1400	05 14	2230	15.41	4450	05 31	0945	10.70	1680
11 27	0845	9.37	1170	05 14	2245	15.12	4230	05 31	1000	10.43	1570
11 27	0900	8.73	957	05 14	2300	14.67	3910	05 31	1015	10.11	1440
11 27	0915	8.18	794	05 14	2315	14.44	3750	05 31	1030	9.81	1330
11 27	0930	7.66	657	05 14	2330	13.99	3450	05 31	1045	9.49	1210
11 27	1000	6.89	480	05 14	2345	13.21	2960	05 31	1100	9.13	1090
11 27	1030	6.35	375	05 15	0000	12.61	2620	05 31	1115	8.81	982
11 27	1100	5.95	306	05 15	0015	11.90	2250	05 31	1130	8.48	881
11 27	1130	5.63	257	05 15	0030	11.14	1880	05 31	1145	8.18	794
11 27	1200	5.35	218	05 15	0045	10.44	1570	05 31	1200	7.87	710
11 27	1230	5.13	190	05 15	0100	9.79	1320	05 31	1300	6.95	493
11 27	1300	4.96	169	05 15	0115	9.18	1100	05 31	1400	6.29	364
11 27	1330	4.78	149	05 15	0130	8.63	926	05 31	1500	5.75	275
11 27	1400	4.65	136	05 15	0145	8.17	792	05 31	1600	5.35	218
11 27	1430	4.54	125	05 15	0200	7.78	687	05 31	1700	5.05	180
11 27	1500	4.45	117	05 15	0215	7.43	601	05 31	1800	4.83	156
11 27	1530	4.38	110	05 15	0230	7.17	541	05 31	1900	4.66	137
11 27	1600	4.30	103	05 15	0300	6.77	455	05 31	2000	4.53	134
11 27	1630	4.24	98	05 15	0400	6.20	348	05 31	2100	4.41	113
11 27	1700	4.19	94	05 15	0500	5.80	282	05 31	2200	4.32	105
11 27	1730	4.14	90	05 15	0600	5.54	244	05 31	2300	4.25	99
				05 15	0700	5.65	260				
				05 15	0800	5.51	240				
				05 15	0900	5.30	211				
				05 15	1000	5.42	227				
				05 15	1200	5.07	182				
				05 15	1400	4.94	167				
				05 15	1600	4.69	140				

Flood hydrograph partial-record stations--Continued

PEARL RIVER BASIN--Continued

02486350 CANY CREEK AT JACKSON, MS

LOCATION.--Lat 32°14'17", long 90°13'59", in NW1/4 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 current year (high water records only).

GAGE.--Water-stage recorder. Datum of gage is 255.00 ft above NGVD of 1929. November 1960 to September 1977 crest-stage gage at same site and datum 55 ft lower.

REMARKS.--Records fair. Backwater from Pearl River: February 7-16. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,700 ft^3/s, Apr. 7, 2003, gage height, 15.04 ft present datum, minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,940 ft^3/s, May 14, gage height 11.74 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2004 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
05 14	1700	3.77	77	05 18	1500	3.48	53	07 02	1515	3.48	53
05 14	1730	3.75	75	05 18	1530	3.47	52	07 02	1545	3.49	53
04 14	1800	3.77	77	05 18	1600	3.48	53	07 02	1615	3.48	53
05 14	1830	3.78	78	05 18	1645	5.06	245	07 02	1645	3.46	51
05 14	1900	3.76	76	05 18	1700	6.57	573	07 02	1715	3.44	50
05 14	1930	3.84	84	05 18	1715	8.57	1230	07 02	1730	3.53	57
05 14	2000	4.15	116	05 18	1730	9.69	1790	07 02	1745	4.93	224
05 14	2015	4.24	127	05 18	1745	10.17	2150	07 02	1800	7.37	805
05 14	2030	5.04	242	05 18	1800	10.32	2290	07 02	1815	9.92	1940
05 14	2045	6.10	455	05 18	1815	10.35	2320	07 02	1830	11.10	3120
05 14	2100	7.04	705	05 18	1830	10.17	2150	07 02	1845	11.32	3390
05 14	2115	7.92	986	05 18	1845	9.83	1880	07 02	1900	10.72	2690
05 14	2130	9.07	1440	05 18	1900	9.24	1530	07 02	1915	9.88	1920
05 14	2145	10.40	2370	05 18	1915	8.61	1240	07 02	1930	8.81	1320
05 14	2200	11.19	3230	05 18	1930	8.03	1020	07 02	1945	7.70	912
05 14	2215	11.62	3780	05 18	1945	7.46	833	07 02	2015	6.70	608
05 14	2230	11.74	3940	05 18	2000	6.97	684	07 02	2045	6.04	441
05 14	2245	11.42	3510	05 18	2015	6.65	594	07 02	2115	5.61	348
05 14	2300	11.09	3110	05 18	2030	6.41	531	07 02	2145	5.31	289
05 14	2315	10.39	2360	05 18	2045	6.20	479	07 02	2245	4.94	225
05 14	2330	9.63	1750	05 18	2145	5.47	320	07 02	2345	4.69	187
05 14	2345	8.79	1310	05 18	2245	4.98	232				
05 15	0000	8.00	1010	05 18	2345	4.71	190				
05 15	0015	7.47	837	05 19	0045	4.47	156				
05 15	0030	6.99	690	05 19	0145	4.40	134				
05 15	0045	6.71	610								
05 15	0100	6.46	544								
05 15	0130	6.14	465								
05 15	0200	5.79	385								
05 15	0230	5.51	328								
05 15	0300	5.29	286								
05 15	0330	5.17	264								
05 15	0400	5.05	243								

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.

Maximum discharge at crest-stage partial-record stations

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
MOBILE RIVER BASIN								
Big Brown Creek near Booneville, MS (02429900)	Lat 34°37'29", long 88°26'42", in SW1/4 NE1/4 sec.27, T.5 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101 on State Highway 30, 2.5 mi upstream from Martin Creek, 8 mi east of Highway 45 at Booneville and 14.2 mi upstream from the mouth at Tombigbee River. Datum of gage is 326.56 ft. above NGVD of 1929. Drainage area is 27.1 mi^2.	1951-60, 1961-2003, 2004	02-05-04	20.55	2,560	04-17-70 01-23-99	h99.97 22.92	3,900 3,510
Pollard Mill Branch at Paden, MS (02429980)	Lat 34°39'14", long 88°14'56", in SW1/4 SE1/4 sec.9, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101 on State Highway 30, 0.8 mi east of Paden. Datum of gage is 440 ft. above NGVD of 1929. Drainage area is 2.01 mi^2.	1967-72, 1973-03‡, 2004	08-25-04	13.53	2,350	08-25-04	13.53	2,350
Bull Mountain Creek near Tilden, MS (02432920)	Lat 34°10'48", long 88°18'47", Itawamba County, Hydrologic Unit 03160101 on county highway, 2 mi east of Tilden. Datum of gage is assumed at 290 ft.	1992-97g, 2001-2004	02-06-04	20.53	12,400	04-04-01	21.90	23,300
Town Creek at Tupelo, MS (02434000)	Lat 34°17'40", long 88°42'33", in SW1/4 SE1/4 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. Datum of gage is 243.84 ft. above NGVD of 1929. Drainage area is 111 mi^2.	1944-46‡, 1952-70‡, 1971-2004	02-05-04	21.26	10,600	03-21-55	27.72	23,000
Town Creek at Eason Blvd. at Tupelo, MS (2435020)	Lat 34°14'08", long 88°41'45", in NE1/4 NW1/4 sec.8, T.10 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on Eason Blvd. in Tupelo, 400 ft upstream from Kings Creek and 2.0 mi upstream from the mouth. Datum of gage is 230.00 ft. above NGVD of 1929. Drainage area is 233 mi^2, including Kings Creek.	1971-03‡, 2004	02-05-04	22.80	14,200	05-27-91	27.80	37,900
Coonewah Creek at Shannon, MS (02435800)	Lat 34°07'48", long 88°42'07", in NE1/4 SE1/4 sec.12, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 1.0 mi north of Shannon and 4.5 mi upstream from mouth. Datum of gage is 229.67 ft. above NGVD 0f 1929. Drainage area is 53.1 mi^2.	1953-2004	03-05-04	f15.60	f5,600	04-11-62	19.57	22,400
Chiwapa Creek at Shannon, MS (02436000)	Lat 34°06'36", long 88°43'20" in NE1/4 SE1/4 sec.24, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, at bridge on U.S. Highway 45W at Shannon, and 0.7 mi above Gulf, Mobile, and Ohio Railroad bridge. Datum of gage is 227.50 ft. above NVGD of 1929. Drainage area is 145 mi^2.	1952-67‡, 1968-2004	03-05-04	12.07	16,200	03-21-55	15.72	35,500
Mattubby Creek near Aberdeen, MS (02437300)	Lat 33°52'14", long 88°35'45", in SW1/4 SW1/4 sec.8, 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. Datum of gage is 112.25 ft. above NGVD of 1929. Drainage area is 92.2 mi^2.	1952-2004	02-06-04	94.09	11,500	12-21-90	95.27	14,600

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
		MOBILE RIVER BASIN--Continued						
Nichols Creek tributary near Quincy, MS (02437550)	Lat 33°54'18", long 88°21'02", in SE1/4 NW1/4 SW1/4 sec.29, T.13 S.,R.17 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, at culvert on U.S. Highway 278, 1.0 mi southeast of Quincy. Datum of gage is assumed at 330 ft. Drainage area is 0.54 mi^2.	1967-2004	02-06-04	6.01	185	10-30-93	9.70	630
James Creek at Aberdeen, MS (02437600)	Lat 33°48'48", long 88°33'59", in SW1/4 SE1/4 sec.33, T.14 S., R.7 E. Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, at bridge on State Highway 25, 0.4 mi southwest of Aberdeen. Prior to Oct. 1988, at datum 10.00 ft higher. Datum of gage is 182.00 ft. above NAVD of 1988 Drainage area is 28.4 mi^2.	1964-68‡, 1969-2004	06-24-04	23.63	4,400	10-22-84	15.21	6,970
Chuquatonchee Creek near Okalona, MS (02439980)	Lat 34°00'08", long 88°52'52", in SW1/4 SE1/4 sec.28, T.12 S., R.4 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, at bridge on State Highway 32, 7.5 mi west of Okolona. Datum of gage is 285.00 ft. above NGVD of 1929. Drainage area is 68.5 mi^2.	1963-68, 1969-80, 1984-86, 1988-2004	06-09-04	11.76	3,010	03-16-73	16.93	15,000
Chuquatonchee Creek near Egypt, MS (02440000)	Lat 33°50'24", long 88°45'43", in NW1/4NE1/4 sec.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. Datum of gage is 221.07 ft. NGVD of 1929, Drainage area is 167 mi^2.	1952-73‡ 1974-2004	06-09-04	14.13	11,100	03-16-73	16.61	36,300
Houlka Creek near McCondy MS (02440400)	Lat 33°47'07", long 88°51'17", in SE1/4 SW1/4 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. Datum of gage is 225 ft. above NGVD of 1929. Drainage area is 189 mi^2.	1963-68‡ 1969-2004	02-06-04	14.84	10,400	03-16-73	18.65	40,000
Line Creek near Maben, MS (02440600)	Lat 33°39'17", long 89°03'40", in SE1/4 SW1/4 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. Datum of gage is 283.46 ft. above NGVD of 1929. Drainage area is 4.76 mi^2.	1952-2004	02-06-04	<18.26	<1,620	12-03-83	28.33	7,540
Trim Cane Creek near Starkville, MS (02440800)	Lat 33°28'10", long 88°54'30", in SE1/4 NW1/4 sec.35, T.19 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 3.0 mi above Biba Wila Creek, and 6.0 mi west of Starkville. Datum of gage is 214.24 ft above NGVD of 1929. Drainage area is 44.9 mi^2.	1952-2004	02-06-04	18.32	2,340	05-19-83	28.10	9,980
Tibbee Creek near Tibbee,MS (02441000)	Lat 33°32'16", long 88°38'00", in NW1/4 NW1/4 sec.4, T.18 S., R.16 E., Choctaw Meridian, Clay County, Hydrologic Unit 03160104. Datum of gage is assumed at 154.07 ft. Drainage area is 926 mi^2.	1939-80‡, 1981-03g, 2004	02-07-04	25.42	20,800	03-17-73	32.26	81,600
Sand Creek tributary, near Mayhew, MS (02441220)	Lat 33°28'38", long 88°43'24", NE1/4 SW1/4 sec. 26, T.19 N., R.15 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, on U.S. Highway 82, 3.7 mi west of Hayhew. Datum of gage is assumed at 250 ft. Drainage area is 0.44 mi^2.	1966-2004	02-06-04	4.98	155	04-27-84	8.75	395
Catalpa Creek at Mayhew, MS (02441300)	Lat 33°28'53", long 88°37'43", in NE1/4 SW1/4 sec.28, T.19 N., R.16 E., Chowtaw Meridian, Lowndes County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 0.5 mi east of Mayhew. Datum of gage is 173.02 ft. above NGVD of 1929. Drainage area is 98.0 mi^2.	1963-68‡, 1969-2004	02-06-04	20.25	16,000	04-13-79	21.52	19,800

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
		MOBILE RIVER BASIN--Continued						
Luxapallila Creek at Steens, MS (02443000)	Lat 33°33'37", long 88°18'55", in NE1/4 sec.28, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county highway 0.2 mi southeast of Steens. Datum of gage is 179.45 ft. above NGVD of 1929. Drainage area is 309 mi^2.	1944-47‡, 1950-77‡, 1978-2004	02-07-04	18.48	12,800	01-06-49	19.20	16,000
Flat Scooba Creek tributary near Scooba, MS (02448620)	Lat 32°50'26", long 88°28'08", in SE1/4 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. Datum of gage is 195.06 ft. above NGVD of 1929. Drainage area is 0.44 mi^2.	1967-2004	02-06-04	5.35	210	04-12-79	8.87	427
Sucarnoochee River near Porterville, MS (02467200)	Lat 32°41'55", long 88°29'06", in NE1/4 SE1/4 sec.19, T.20 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, at bridge on U.S. Highway 45, 4.9 mi south of Electric Mills. Datum of gage is 175.00 ft. above MDOT elevation. Drainage area is 135 mi^2.	1997-03‡, 2004	02-06-04	19.74	6.300	01-08-98	19.93	7,170
		PASCAGOULA RIVER BASIN						
Leaf River near Raleigh, MS (02471100)	Lat 32°00'45", long 89°25'57", in SE1/4 SE1/4 NW1/4 sec.13, T.2 N.,R.8 E., Chowtaw Meridian, Smith County, Hydologic Unit 03170004, at bridge on State Highway 18, 6.0 mi east of Raleigh. Datum of gage is 274.94 ft. above NGVD of 1929. Drainage area is 143 mi^2.	1940-43c, 1957-2004	02-06-04	25.73	10,500	04-13-74	28.17	17,000
Leaf River near Taylorsville, MS (02471250)	Lat 31°49'41", long 89°24'26", in SE1/4 SW1/4 SE1/4 sec.16, T.10 N., R.14 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 1.0 mi east of Taylorsville. Datum of gage is 200.00 ft. above NGVD of 1929. Drainage area is 459 mi^2.	1968-2004	02-06-04	54.71	25,500	04-14-74	57.44	37,600
Oakohay Creek at Mize, MS (02471500)	Lat 31°52'00", long 89°32'51", in SE1/4 NW1/4 sec.6, T.10 N., R.15 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, at Mize. Datum of gage is 274.18 ft. above NGVD of 1929. Drainage area is 171 mi^2.	1943-49‡, 1968-2004	02-06-04	14.94	11,400	04-13-74	17.26	28,900
Bouie Creek near Sandford, MS (02472420)	Lat 31°28'18", long 89°31'18", in SE1/4 SE1/4 NE1/4 sec.20, T.6 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, at bridge on State Highway 589, 5.0 mi southwest of junction with U.S. Highway 49. Datum of gage is 190.00 ft. above NGVD of 1929. Drainage area is 262 mi^2.	1968-2004	02-24-04	21.48	6,080	04-13-74	32.22	a32,000
Gordon Creek at Hattiesburg, MS (02473047)	Lat 31°19'41", long 89°18'14", in NW1/4 NE1/4 sec.9, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, at bridge on Broad Street in Hattiesburg Datum of gage is 145.00 ft. above NGVD of 1929. Drainage area is 8.83 mi^2.	1969-2004	06-01-04	12.77	4,290	04-06-83	16.89	6,920
Tallahattah Creek near Waldrup, MS (02473480)	Lat 31°51'41", long 89°05'12", in SW1/4 NW1/4 SE1/4 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. Datum of gage is 265.25 ft. above NGVD of 1929. Drainage area is 30.4 mi^2.	1965-70‡, 1971-2004	02-06-04	15.26	2,420	03-03-79	17.20	7,200
Tallahoma Creek tributary at Lake Como, MS (02473850)	Lat 31°57'43", long 89°12'19", in SW1/4 SE1/4 SE1/4 sec. 31, T.2 N., R.11 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, at culvert on State Highway 528, 0.5 mi east of Lake Como. Datum of gage is assumed at 310 ft. Drainage area is 3.16 mi^2.	1966-2004	02-06-04	9.64	1,650	07-13-93	11.49	2,380

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
		PASCAGOULA RIVER BASIN--Continued						
Buck Creek near Runnelstown, MS (02474650)	Lat 31°21'50", long 89°03'08", in NW1/4 SW1/4 SE1/4 sec.25, T.5 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, at bridge on State Highway 42, 2.5 mi above mouth and 3.7 mi east of Runnelstown. Datum of gage is 128.00 ft. above NGVD of 1929. Drainage area is 20.8 mi^2.	1951-2004	02-23-04	7.74	1,790	04-03-79	17.93	5,700
Thompson Creek at Richton, MS (02474800)	Lat 31°21'21", long 88°55'27", in NW1/4 SW1/4 NW1/4 sec. 32, T.5 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit03170005, at bridge on State Highway 42, 0.7 mi east of Richton. Datum of gage is 130.00 ft above NGVD of 1929. Drainage area is 183 mi^2.	1998-2004	02-23-04	14.29	2,800	03-03-01	16.63	10,900
Waterfall Branch near McLain, MS (02475050)	Lat 31°07'09", long 88°45'26", in SW1/4 NE1/4 SE1/4 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. Datum of gage is assumed at 100 ft. Drainage area is 0.65 mi^2.	1955-2004	06-01-04	7.74	355	06-01-59	11.71	764
Potterchitto Creek at Newton (02475300)	Lat 32°20'39", long 89°08'09", in SE1/4 NE1/4 SE1/4 sec. 23, T.6 N., R.11 E., Choctaw Meridian, Newton County, at bridge on State Highway 15, 2 mi north of Newton. Hydrologic Unit 03170001, Datum of gage is assumed at 340 ft. Drainage area is 30.1 mi^2.	2004	02-06-04	(†)	(†)	02-06-04	(†)	(†)
Souinlovey Creek near Baxter, MS (02477050)	Lat 32°13'10", long 89°09'31", Jasper County, Hydrologic Unit 03170002, at culvert on State Highway 15, 2.6 mi north of Baxter. Datum of gage is assumed at 420 ft. Drainage area is 1.14 mi^2.	1965-2004	02-06-04	10.71	760	06-24-93	13.56	1,150
Shubuta Creek near Shubuta, MS (02477330)	Lat 31°53'08", long 88°44'21", in SW1/4 SW1/4 NW1/4 sec.35, T.1 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, at bridge or culvert on county highway, 1.5 mi northwest of Shubuta and 5.0 mi above mouth. Datum of gage is 181.97 ft above NGVD of 1929. Drainage area is 75.5 mi^2.	1963-2004	02-06-04	16.46	2,200	04-25-73	24.88	12,700
Bluff Creek at Vancleave MS (02480254)	Lat 30°31'55", long 88°41'25", in NE1/4 sec.16, T.6 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, at bridge on State Highway 57 in Vancleve. Datum of gage is 10.0 ft above MDOT elevation. Drainage area is 54.6 mi^2.	2004	05-13-04	6.13	(†)	05-13-04	6.13	(†)
Moungers Creek near Vancleave MS (02480260)	Lat 30°34'48", long 88°40'15", in SE 1/4 sec. 27, T.5 S., R.7 W., St. Stephens Meridian Jackson County, Hydrologic Unit 03170006, 0.8 mi north of county road bridge. Datum gage is 31.00 ft. above NAVD of 1988. Drainage area is 30.2 mi^2.	2004	05-13-04	<26.02	(†)	05-13-04	<26.02	(†)
		TCHOUTACABOUFFA RIVER BASIN						
Tuxachanie Creek near Biloxi, MS (02480500)	Lat 30°30'36", long 88°54'41", in SE1/4 NW1/4 sec.20, T.6 S., R.9 W., St. Stephens Meridian, Harrison County, Hdrologic Unit 03170009, at bridge on State Highway 15, 7.0 mi north of city limits of Biloxi. Datum of gage is 2.91 ft. above NGVD of 1929. Drainage area is 92.4 mi^2.	1952-71‡, 1972-2004	05-13-04	12.59	3,000	09-29-98	26.06	20,300

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
TCHOUTACABOUFFA RIVER BASIN--Continued								
Tchoutacabouffa River at D'Iberville, MS (02480599)	Lat 30°27'36", long 88°54'03", in SW1/4 SE1/4 sec.5, T.7 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, at State Highway 67, 0.5 mi north of I-10, at D'Iberville. Datum of gage is NAVD of 1988. Drainage area is 217 mi^2.	1998-2004	05-13-04	<4.97	<10,700	09-29-98	16.56	48,000
BILOXI RIVER BASIN								
Saucier Creek near Saucier, MS (02481045)	Lat 30°36'14", long 89°05'49", in SE1/4 SW1/4 sec.16, T.5 S., R.11W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, at bridge on county road, 3.2 mi southeast of Saucier. Datum of gage is 35.00 ft. above NGVD of 1929. Drainage area is 36.9 mi^2.	1998-2004	05-13-04	<15.57	<1,230	09-29-98	28.90	f16,000
Biloxi River near Lyman, MS (02481130)	Lat 30°29'18", long 89°02'09", in SW1/4 SE1/4 sec.25, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county highway, 1.2 mi downstream from Little Biloxi River, 4.6 mi east of Lyman. Datum of gage is -3.00 ft. above NGVD of 1929. Drainage area is 251 mi^2.	1965-2004	05-13-04	17.04	7,000	05-10-95	23.95	36,800
WOLF RIVER BASIN								
Wolf River near Poplarville, MS (02481400)	Lat 30°50'50", long 89°28'20", in SW1/4 NW1/4 sec.26, T.2 S., R.15 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03170009, at bridge on State Highway 26, 3.6 mi east of Poplarville. Datum of gage is 160.55 ft. above NGVD of 1929. Drainage area is 72.6 mi^2.	1952-71, 1998-2004	04-26-04	25.33	1,520	12-10-61	32.87	12,800
JOURDAN RIVER BASIN								
Catahoula Creek near Picayune, MS (02481542)	Lat 30°31'00", long 89°32'10", in SE1/4 SW1/4 sec.18, T.6 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, at bridge on State Highway 43, 8.8 mi east of Picayune. Datum of gage is 50.00 ft. above MDOT elevation. Drainage area is 32.1 mi^2.	1998-2004	05-13-04	15.19	2,170	03-03-01	17.02	4,590
Hickory Creek near Kiln, MS (02481550)	Lat 30°30'23", long 89°29'45", in NE1/4 SE1/4 sec.21, T.6 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, at bridge on State Highway 43, 8 mi north of Kiln. Datum is 35.00 ft. above MDOT elevation. Drainage area is 60.9 mi^2.	1998-2004	05-13-04	18.44	5,030	01-07-98	23.25	13,200
PEARL RIVER BASIN								
Lobutcha Creek at Renfroe, MS (02482470)	Lat 32°51'44", long 89°26'36", in NE1/4 SE1/4 sec.26, T.12 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, at bridge on State Highway 25, 0.5 mi east of Renfroe. Datum is 354.18 ft. above NGVD of 1929.	1999-2004	06-28-04	21.78	3,360	04-05-01	25.14	18,600
Yockanookany River tributary near McCool, MS (02483890)	Lat 33°10'07", long 89°25'28", in SW1/4 SW1/4 sec.12, T.15 N., R.8 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, at culvert on State Highway 12, 4.0 mi southwest of McCool. Datum of gage is assumed at 430 ft. Drainage area is 0.34 mi^2.	1965-2004	02-05-04	3.02	58	02-20-91	7.73	540
Coffee Bogue at Ludlow, MS (02484600)	Lat 32°34'26", long 89°43'47", in NE1/4 NE1/4 sec.1, T.8 N., R.5 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, at bridge on county road, 1.0 mi west of Ludlow. Datum of gage is 310.76 ft. above NGVD of 1929. Drainage area is 77.0 mi^2.	1975-2004	02-05-04	15.79	6,640	04-07-03	19.28	17,400
Red Cane Creek tributary near Pisgah, MS (02484750)	Lat 32°28'03", long 89°47'55", in NE1/4 NE1/4 sec.8, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at circular culvert on Highway 43, 4.1 mi east of Pisgah. Datum of gage is assumed at 340 ft. Drainage area is 0.10 mi^2.	1965-2004	02-05-04	5.31	67	07-14-93	7.81	155

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations --Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 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								
Fannegusha Creek near Sand Hill, MS (02484760)	Lat 32°30'20", long 89°48'46", in NW1/4 SW1/4 sec.29, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at bridge on county road, 3.9 mi east of Sand Hill. Datum is 304.53 ft. above NGVD of 1929. Drainage area is 52.3 mi^2.	1971-2004	02-05-04	12.13	4,580	04-07-03	14.91	17,200
Pelahatchie Creek at Pelahatchie MS (02485300)	Lat 32°18'43", long 89°48'33" in SE1/4 SW1/4 sec. 32., T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, located approx. 1 mi west of the town of Pelahatchie on U.S. Highway 80. Datum is 349 ft above NGVD of 1929. Drainage area is 69.0 mi^2.	2004	02-06-04	15.97	9,200	02-06-04	15.97	9,200
Pelahatchie Creek at Sate Highway 25 near Fannin MS (02485498)	Lat 32°23'19", long 89°58'03" Rankin County, Hydrologic Unit 03180002, at bridge on State Highway 25, 1 mi northeast of junction of State Highways 25 and 471. Datum of gage is assumed at 280 ft. above NGVD of 1929. Drainage area is 206 mi^2.	2004	02-06-04	24.06	17,500	02-06-04	24.06	17,500
Purple Creek at Jackson, MS (02485650)	Lat 32°22'44", long 90°07'16", in SE1/4 NW 1/4 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. Datum is 265.30 ft. above NGVD of 1929. Drainage area is 6.12 mi^2.	1952-2004	08-23-04	7.92	727	04-29-53	99.92	2,890
Hog Creek at Flowood Drive at Luckney, MS (02485730)	Lat 32°20'00", long 90°05'02", in NE1/4 NE1/4 SW1/4 sec.27, T.6 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at bridge on Flowood Drive, between county road 475 and State Highway 25. Datum of gage is 280 ft above NGVD of 1929. Drainage area is 11.2 mi^2.	2004	02-05-04	19.12	1,960	02-05-04	19.12	1,960
Three Mile Creek at Jackson, MS (02486115)	Lat 32°16'22", long 90°12'59", in NW1/4 SE1/4 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 Railroad. Datum of gage is 273.42 ft. above NGVD of 1929. Drainage area is 1.05 mi^2.	1962-2004	05-14-04	8.21	505	08-30-74	31.52	1,720
Strong River near Puckett, MS (02487300)	Lat 32°03'48", long 89°44'50", in NE1/4 SE1/4 SE1/4 sec.26, T.3 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at bridge or culvert on State Highway 18, 2.0 mi southeastof Puckett. Datum of gage is 295.53 ft. above NGVD of 1929. Drainage area is 248 mi^2.	1955-2004	02-06-04	26.36	18,200	02-23-03	26.47	20,600
Dabbs Creek near Johns, MS (02487512)	Lat 32°09'24", long 89°53'23", in NW1/4 NE1/4 SE1/4 sec.28, T.4 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at bridge on State Highway 18, 3.5 mi northwest of Johns. Datum of gage is assumed at 355 ft. Drainage area is 7.33 mi^2.	1998-2004	02-06-04	25.29	(†)	02-06-04	25.29	(†)
Copiah Creek near Hazlehurst, MS (02487900)	Lat 31°53'24", long 90°17'11", in SW1/4 SW1/4 SE1/4 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. Datum of gage is 283.42 ft. above NGVD of 1929. Drainage area is 47.4 mi^2.	1948-65, 1966-68‡, 1969-2004	02-22-04	18.31	11,800	04-12-80	25.11	32,000

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 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						
Pearl River at Rockport MS (02488000)	Lat 31°47'27", long 90°08'33", in NW 1/4 sec.31, T.10 N., R. 11 E., Washington Meridian, Copiah County, Hydrologic Unit 03180003, about 1 mi upstream from Sinkler Creek, 2 mi south of Rockport, 7.5 mi downstream from Strong River, 9 mi west of Shivers, and 221.7 mi upstream from the mouth. Datum of gage is 180.19 ft above NGVD of 1929. Drainage area is 4,556 mi^2.	1984-04‡,	02-08-04	30.38	42,000	05-05-91	35.66	6,500
Silver Creek at Silver Creek, MS (02488600)	Lat 31°36'17", long 89°59'38", in SE1/4 SE1/4 NE1/4 sec.3, T.7 N., R. 20 W., St.Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, at bridge on U.S. Highway 84, 0.3 mi east of Silver Creek. Datum of gage is 244.30 ft. above NGVD of 1929. Drainage area is 123 mi^2.	1998-2004	02-06-04	17.12	17,500	02-06-04	17.12	17,500
Elmers Draw near Columbia, MS, (02489030)	Lat 31°12'00", long 89°57'58", in SE1/4 SE1/4 NW1/4 sec.26, T.3 N., R.12 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, at bridge or culvert on U.S. Highway 98, 5.7 mi west of Columbia. Prior to Oct. 1, 1964, at datum 1.12 ft higher. Datum of gage is assumed at 290 ft. Drainage area is 0.91 mi^2.	1955-2004	02-06-04	<4.58	<225	04-06-83	16.22	1,620
		MISSISSIPPI RIVER BASIN						
Wolf River at Springhill, MS (07030370)	Lat 34°56'47", long 89°11'49", in NE1/4 NE1/4 sec.4, T.2 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, at bridge on U.S. Highway 72,0.8 mi east of Scenic Route 5. Datum of gage is 408.64 ft. of NAVD of 1988. Drainage area is 104 mi^2.	1999-2004	02-06-04	12.82	4,570	11-29-01	15.00	13,300
		YAZOO RIVER BASIN						
Hell Creek near New Albany, MS (07267000)	Lat 34°31'05", long 89°03'02", in NW1/4 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. Datum of gage is 326.92 ft. above NGVD of 1929. Drainage area is 26.8 mi^2.	1939-42‡, 1952-2004	02-05-04	14.22	5,670	11-29-01	15.08	6,240
Cypress Creek near Etta, MS (07268500)	Lat 34°26'31", long 89°17'25", in NE1/4 SW1/4 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. Datum of gage is 319.90 ft. above NGVD of 1929. Drainage area is 28.5 mi^2.	1939-42‡, 1952-2004	02-05-04	15.40	2,400	05-19-83	19.94	f5,000
North Tippah Creek near Ripley, MS (07269000)	Lat 34°44'00", long 89°01'34", in NW1/4 SE1/4 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. Datum of gage is 386.36 ft. above NGVD of 1929. Drainage area is 19.3 mi^2.	1939-42‡, 1952-85, 1988-2004	02-06-04	16.08	3,060	04-12-79	21.60	(†)
Hotopha Creek near Batesville, MS (07273100)	Lat 34°21'50", long 89°52'43", in NW1/4 NW1/4 sec.30, T.8 S., R.6 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030201, on State Highway 35, 4.4 mi northeast of Batesville. Datum of gage is 195.45 ft. above NGVD of 1929. Drainage area is 35.1 mi^2.	1986-01‡, 2002-2004	02-05-04	11.12	2,470	02-19-91	16.83	10,400
Town Creek at Water Valley, MS (07274251)	Lat 34°08'51", long 89°38'00", in NE1/4 NE1/4 sec.8, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, at bridge or culvert on State Highway 7 in Water Valley. Datum of gage is 276.00 ft. above NGVD of 1929. Drainage area is 3.97 mi^2.	1985-01‡, 2002-2004	06-25-04	6.31	369	11-30-01	11.29	1,840

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations --Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
		YAZOO RIVER BASIN--Continued						
Otoucalofa Creek Canal near Water Valley, MS (07274252)	Lat 34°08'39", long 89°39'09", in SE1/4 NE1/4 sec.7, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, at bridge or culvert on State Highway 7 bypass, 1.0 mi west of Water Valley. Datum is 250.95 ft. above NGVD of 1929. Drainage area is 97.1 mi^2.	1985-01‡, 2002-2004	02-05-04	14.98	7,910	02-19-91 05-01-91	18.23 20.10	17,700 (†)
Long Creek at Courtland, MS (07275500)	Lat 34°13'42", long 89°56'21", in NW1/4 SE1/4 sec.9, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, at bridge on U.S. Highway 51, 1.0 mi south of Courtland, 5.5 mi above mouth and 6.0 mi south of Batesville. Datum of gage is 195.33 ft. above NGVD of 1929. Drainage area is 66.3 mi^2.	1940-43‡, 1952-2004	02-05-04	19.60	12,800	05-28-54	25.02	38,300
Peters (Long) Creek near Pope, MS (07275530)	Lat 34°12'50", long 89°58'55", in NW1/4 SW1/4 sec.18, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, at bridge or culvert on county road 1.5 mi west of Pope. Datum of gage is 182.51 ft. above NGVD of 1929. Drainage area is 79.2 mi^2.	1986-01‡, 2002-2004	02-05-04	16.66	10,500	02-03-90 02-19-91	19.86 21.13	26,500 25,600
Senatobia Creek near Senatobia, MS (07277730)	Lat 34°37'00", long 89°56'29", in SE1/4 NW1/4 sec.28, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 4, 0.5 mi east of Senatobia. Datum of gage is 233.80 ft. above NGVD 1929. Drainage area is 62.8 mi^2.	1942-1973, 1974-1985c, 1986-2001‡, 2002-2004	02-05-04	18.03	(†)	05-06-03 09-24-97	20.16 16.94	(†) 12,700
Cane Creek at Vardaman, MS (07281965)	Lat 33°52'31", long 89°11'27", in NE1/4 SE1/4 sec.9, T.14 N., R.1 E., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, at bridge on State Highway 8, 0.8 mi west of Vardaman. Datum of gage is 250.00 ft. above NGVD of 1929. Drainage area is 25.1 mi^2.	1999-2004	02-05-04	23.13	2,750	01-23-99	27.57	d7,200
Long Creek near Cascilla, MS (07285700)	Lat 33°51'42", long 89°59'08", in SW1/4 SW1/4 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. Datum of gage is assumed at 280 ft. Drainage area is 1.64 mi^2.	1965-2004	07-06-04	7.87	780	05-08-84	12.70	1,860
Fannegusha Creek near Tchula, MS (07287350)	Lat 33°10'05", long 90°10'11", in NE1/4 NW1/4 sec.14, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, at bridge or culvert on State Highway 12, east of Tchula. Datum of gage is 135.74 ft. above NGVD of 1929. Drainage area is 103 mi^2.	1953-65e, 1968-2004	05-15-04	<18.11	<5,190	04-05-01	25.13	32,000
Harland Creek near Howard, MS (07287404)	lat 33°06'06", long 90°10'24", Holmes County, Hydrologic Unit 08030206,at bridge or culvert on county road 1.8 mi southeast of Howard. Datum of gage is 132.85 ft above NGVD of 1929. Drainage area is 62.1 mi^2.	1986-00‡, 2001g, 2002-2004	05-15-04	17.71	3,680	03-18-87 01-18-95	21.36 22.95	7,440 6,420
Black Creek at Howard, MS (07287405)	Lat 33°07'10", long 90°11'28", in SW1/4 sec.27, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206,at bridge or culvert on county road, 0.2 mi south of Howard. Datum of gage is 124.52 ft. above NGVD of 1929. Drainage area is 178 mi^2.	1999-00‡, 2001g, 2002-2004	05-15-04	17.98	15,100	04-05-01	18.31	15,600
Piney Creek near Benton, MS (07287474)	Lat 32°50'57", long 90°14'09", in NE1/4 NW1/4 sec.31, T.12 N., R.1 E., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, at bridge on State Highway 433, 2.1 mi northeast of Benton. Datum of gage is 212.14 ft. above NGVD of 1929. Drainage area is 12.9 mi^2.	1999-2004	05-14-04	10.18	3,660	04-07-03	11.35	4,480

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft^3/s)	Date	Gage height (ft)	Dis-charge (ft^3/s)
BIG BLACK RIVER BASIN								
Hays Creek tributary No 1 near Vaiden, MS (07289265)	Lat 33°23'17", long 89°45'40", in SE1/4 SE1/4 SW1/4 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. Datum of gage is 295.97 ft. above NGVD of 1929. Drainage area is 14.0 mi^2.	1960-74, 1976-2004	03-06-04	24.83	2,960	12-03-83	26.67	3,830
Long Creek at Sallis, MS (07289450)	Lat 33°00'56", long 89°45'55", in NE1/4 NE1/4 sec.3, T.13 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08030206, at bridge on State Highway 429, 0.3 mi south of Sallis. Datum of gage is 250.00 ft. above NAVD of 1988. Drainage area is 42.1 mi^2.	1999-2004	02-05-04	21.09	2,070	04-05-01	25.14	14,100
Big Black River near Goodman MS (07289460)	Lat 32°57'15", long 89°53'32", in SW1/4 sec.21, T. 13 N., R. 4 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, at bridge on State Highway 14, 1.6 mi east of intersection with U.S. Highway 51 in Goodman. Datum of gage is 208.45 ft above MDOT elevation. Drainage area is 1,338 mi^2.	2001-03†, 2004	07-03-04	<23.20	<22,000	12-17-01	23.67	26,900
Big Cypress Creek near Pickens, MS (07289504)	Lat 32°52'46", long 90°03'32", Yazoo County, Hydrologic Unit 08030206, at bridge on state Highway 432, 5 mi west of Pickens. Datum of gage is 215.41 ft. above NGVD of 1929. Drainage area is 58.4 mi^2.	1999-2004	02-05-04	16.54	3,620	04-07-03	17.92	5,770
Tilda Bogue near Canton, MS (07289600)	Lat 32°39'18", long 90°00'53", in NW1/4 NE1/4 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. Datum of gage is 208.00 ft. above NGVD of 1929. Drainage area is 24.2 mi^2.	1948-2004	08-23-04	18.75	4,240	04-29-53	19.00	8,800
Walesheba Creek near Bentonia, MS (07289690)	Lat 32°41'06", long 90°18'19", in SE1/4 NW1/4 sec.28, T.10 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, at bridge on State Highway 433, 2.8 mi southwest of Myrleville, and 5.6 mi east of Bentonia. Datum of gage is 169.09 ft. above NGVD of 1929. Drainage area is 36.4 mi^2.	1966, 1998-2004	05-14-04	19.43	2,700	02-10-66	d22.76	f10,500
Clear Creek near Bovina, MS (07290005)	Lat 32°21'45", long 90°43'40", in SE 1/4 NW1/4 SE1/4 sec.17, T.16 N., R.5 E., Washington Meridian, Warren County, HydrologicUnit 08060202, at bridge or culvert on county road, 1.0 mi northeast of Bovina. Datum of gage is 113.30 ft. above NGVD of 1929. Dainage area is 32.0 mi^2.	1953-2004	05-14-04	21.33	3,740	04-13-69	30.03	21,000
BAYOU PIERRE BASIN								
Bayou Pierre near Glancy, MS (07290250)	Lat 31°49'42", long 90°28'54", in NE1/4 NE1/4 NE1/4 sec.22, T.10 N., R.7 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, at bridge on State Highway 28, 1.2 mi northeast of Glancy. Datum of gage is 246.60 ft. above NGVD of 1929. Drainage area is 122 mi^2.	1998-2004	02-05-04	17.50	8,600	02-22-03	18.98	20,000
Tallahalla Creek at Utica, MS (07290549.95)	Lat 32°04'54", long 90°35'53", in NE1/4 SE1/4 SW1/4 sec.22, T.3 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060203, at bridge on State Highway 27, 2.5 mi southeast of Utica. Datum of gage is 112.36 ft. above NGVD of 1929. Drainage area is 72.0 mi^2.	1998-2004	02-05-04	<18.10	<5,810	09-26-02	22.64	8,520

Crest-stage partial-record stations--Continued

Maximum discharge at crest-stage partial-record stations --Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
BAYOU PIERRE BASIN--Continued								
Clarks Creek near Pattison MS (07290690)	Lat 31°53'36", long 90°50'30", in SW1/4 sec.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. Datum of gage is 113.84 ft. above NGVD of 1929. Drainage area is 77.4 mi^2.	1961-62†, 1963-2004	02-05-04	20.50	11,000	04-12-80	27.90	31,000
COLES CREEK BASIN								
Little Creek near Fayette, MS (07290830)	Lat 31°40'31", long 91°04'10", in SE1/4 sec.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. Datum of gage is assumed at 250 ft. Drainage area is 1.51 mi^2.	1967-2004	02-05-04	11.22	820	04-12-74	15.45	1,800
North Fork Coles Creek near Church Hill, MS (07290855)	Lat 31°46'45", long 91°10'01", in SW1/4 SE1/4 sec.4, T.9 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, at bridge on county road, 1.7 mi upstream of mouth and 0.6 mi northwest of Natchez Trace Parkway. Datum of gage is assumed at 50 ft. Drainage area is 115 mi^2.	1999-2004	02-05-04	38.09	13,900	03-02-01	39.62	15,700
South Fork Coles Creek near Church Hill, MS (07290860)	Lat 31°44'53", long 91°10'48", in SE1/4 NW1/4 sec.32, T.9 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, at bridge on State Highway 553, 2.5 mi upstream of mouth and 0.3 mi west of Natchez Trace Parkway. Datum of gage is 78.72 ft. above NGVD of 1929. Drainage area is 108 mi^2.	1999-2004	02-05-04	27.45	17,500	03-02-01	29.05	22,500
HOMOCHITTO RIVER BASIN								
McCall Creek near Lucien, MS (07291250)	Lat 31°30'55", long 90°38'53", in SW1/4 NW1/4 SW1/4 sec.6, T.6 N., R.6 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, at bridge or culvert on U.S. Highway 84, 0.8 mi east of Lucien. Datum of gage is 208.35 ft. above NGVD of 1929. Drainage area is 60.8 mi^2.	1953, 1955-2004	02-05-04	83.38	7,690	04-13-74	92.70	23,000
THOMPSON CREEK BASIN								
Moores Branch near Woodville, MS (07373550)	Lat 31°05'15", long 91°14'30", in SE1/4 SW1/4 SW1/4 sec.32, T.2 N., R.1 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08070201, at bridge or culvert on State Highway 24, 3.3 mi east of Woodville. Prior to Oct. 1, 1964, at datum 0.88 ft lower. Datum of gage is assumed at 330 ft. Drainage area is 0.21 mi^2.	1955-2004	05-14-04	5.21	218	03-24-73	9.90	455
MISSISSIPPI RIVER DELTA BASIN								
East Fork Amite River near Peoria, MS (07376680)	Lat 31°05'55", long 90°43'10", in SW1/4 NE1/4 NE1/4 sec.32, T.2 N., R.5 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, at bridge on State Highway 584, 6.7 mi southeast of Liberty and about 5 mi south of Peoria. Datum of gage is 247.34 ft. above NGVD of 1929. Drainage area is 179 mi^2.	1990, 1998-2004	02-05-04	17.65	13,400	01-25-90	a21.10	f34,000

† Discharge not determined.
‡ Operated as a continuous-record gaging station.
a Approximately.
b High-water mark was not determined.
c Gage heights and discharge measurements in files of Corps of Engineers.
d Revised.
e Published at site near Howard, 3 mi downstream.
f Estimated.
g Operated as a flood-hydrograph station.
h Gage height at different site and (or) datum.

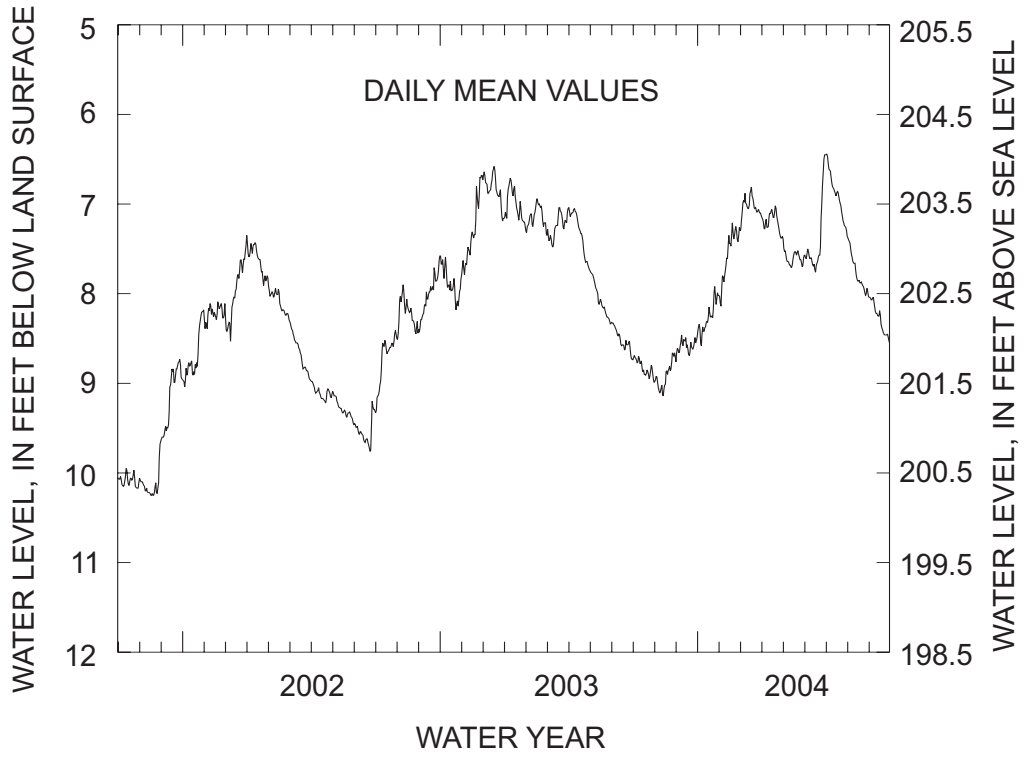
GROUND-WATER LEVELS

GRENADA COUNTY

334215089442701. Local number H0024.
LOCATION.--Lat 33°42'21", long 89°44'27", in NW1/4 NE1/4 sec. 11, T.21 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, at old Camp McCain site, 1 mi northeast of Elliott.
AQUIFER.--124MUWX: Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused water-table well, diameter of casing 18-12 in, depth 118 ft.
INSTRUMENTATION.--Handar 555 Data Collection Platform installed February 1998. Water level transmitted every 4 hours.
DATUM.--Land-surface datum is 210.5 ft above NGVD of 1929 (from topographic map). Measuring point: Top of 12-in casing, 1.65 ft above land-surface datum.
PERIOD OF RECORD.--Miscellaneous water-level measurements 1943, February 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.95 ft below land-surface datum Mar. 19, 1998, lowest measured 11.18 ft, Nov. 21, 2001.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.71	8.93	8.62	8.39	7.93	7.09	7.27	7.52	7.55	6.54	7.44	8.07
10	8.70	9.09	8.46	8.42	7.75	6.99	7.26	7.65	7.60	6.76	7.66	8.20
15	8.84	9.06	8.53	8.31	7.35	7.01	7.08	7.68	7.67	6.88	7.84	8.25
20	8.91	8.90	8.68	8.26	7.21	6.93	7.09	7.54	7.64	6.91	7.88	8.40
25	8.95	8.84	8.61	7.99	7.25	7.07	7.22	7.59	7.16	7.13	7.95	8.46
EOM	8.95	---	8.52	8.02	---	7.10	---	7.60	---	7.30	8.03	---
WTR		HIGH 6.44 JUL 3			LOW 9.14 NOV. 14							

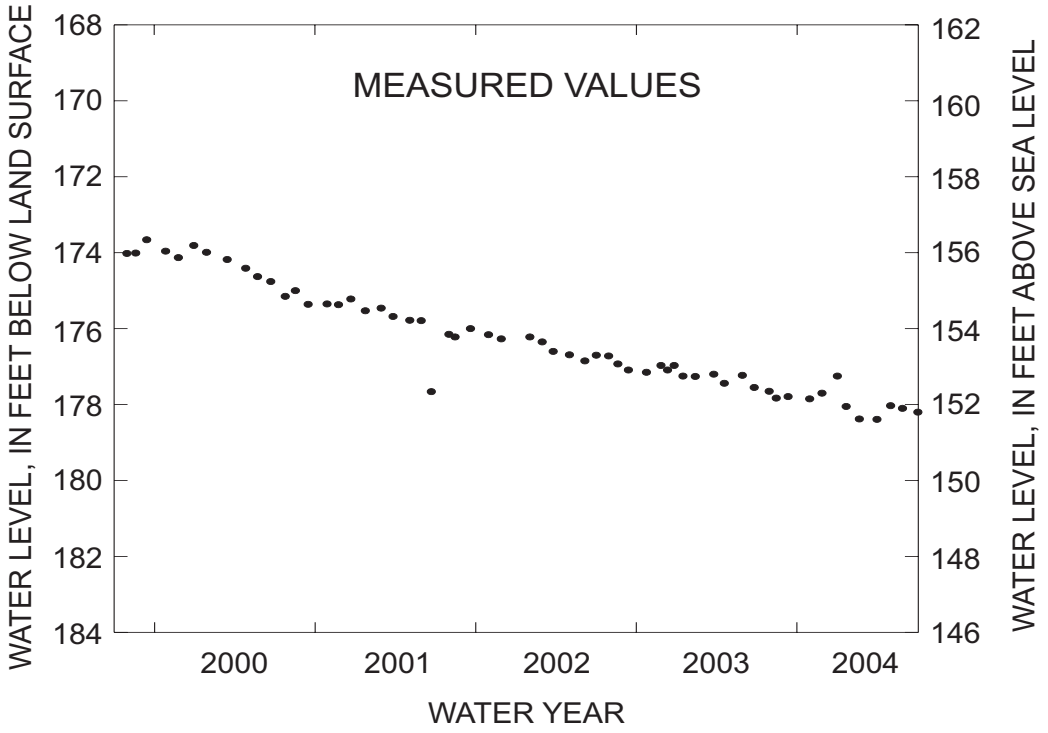


HINDS COUNTY

321957090105601. Local number, H0155.
LOCATION.--Lat 32°19'51", long 90°10'58", 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.
AQUIFER.--124CCKF: Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well (test hole), diameter 4 in, depth 200 ft.
DATUM.--Land-surface datum is 330 ft above NGVD of 1929 (from topographic map). Measuring point: Top of casing, 40 ft above land-surface datum.
REMARKS.--Slug tested June 1998, well response sluggish, cleaned well with air, water level changed about 4 feet.
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, 178.39 ft below land-surface datum, Jun. 28, 2004.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	177.65	DEC 9	177.79	FEB 24	177.70	--- --	------	MAY 19	178.38	JUL 29	178.03	SEP 29	178.20
NOV 12	177.83	JAN 27	177.85	MAR 30	177.25	APR 19	178.05	JUN 28	178.39	AUG 25	178.10		



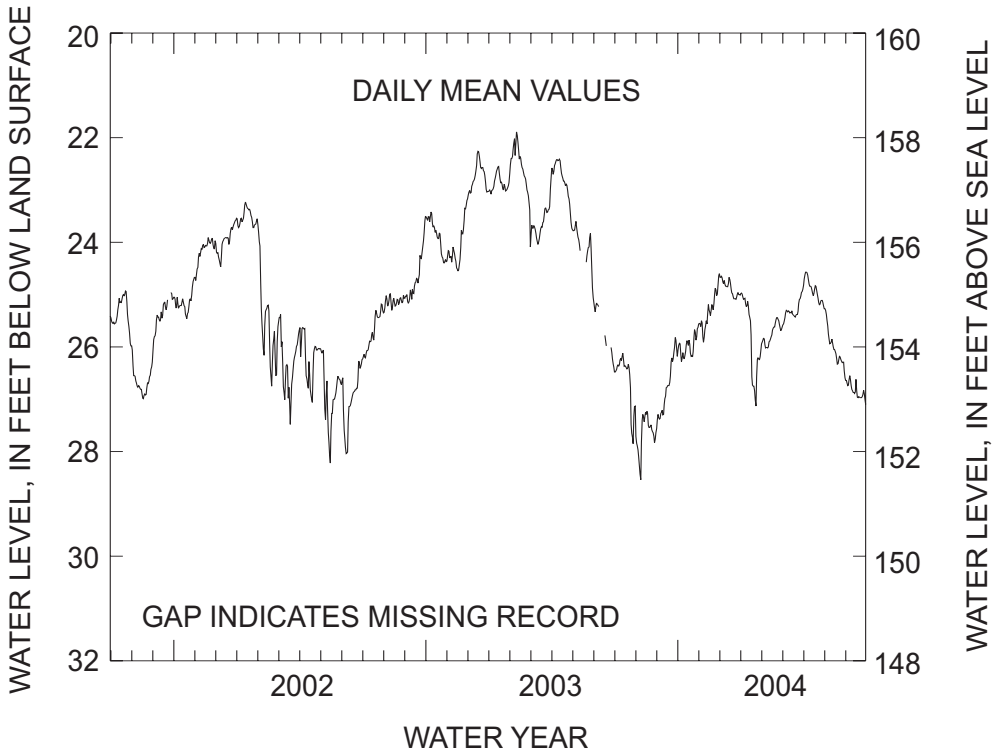
WAYNE COUNTY

3141150883923O1. Local number, N0151.
LOCATION.--Lat 31°41'07", long 88°39'27", in NE1/4 SE1/4 sec.2, T.8 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, 1 mi northwest of center of Waynesboro at Turner Street and Gulf Mobile and Ohio Railroad.
AQUIFER.--123VKBG: Vicksburg Group of Byram Formation of Oligocene age.
WELL CHARACTERISTICS.--Drilled unused artesian aquifer, diameter 18-8 in, depth 82 ft.
INSTRUMENTATION.--Handar 555 Data Collection Platform. Water level transmitted very 4 hours.
DATUM.--Land-surface datum is 180 ft above NGVD of 1929 (from topographic map). Measuring point: 1-in breather pipe outside shelter, 2.30 ft above land-surface datum.
PERIOD OF RECORD.--Miscellaneous measurements 1973, February 1975 to September 1993, February 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.52 ft below land-surface datum, Apr. 5, 1990, lowest measured, 35.73 ft below land-surface datum, Jan. 22, 1981.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.43	27.97	27.35	25.94	25.50	24.65	25.05	25.83	25.44	24.57	25.49	26.73
10	26.25	27.82	27.21	26.20	25.67	24.80	25.23	26.01	25.31	24.80	25.93	26.81
15	26.25	27.32	26.94	25.88	25.19	24.79	25.43	25.85	25.31	24.97	26.05	26.86
20	26.42	27.50	26.74	26.12	25.19	24.97	26.75	25.62	25.43	24.84	26.33	26.95
25	26.78	27.58	26.28	25.83	24.88	25.08	26.57	25.44	25.17	25.20	26.24	26.95
EOM	27.14	---	26.04	25.63	---	25.00	---	25.66	---	25.22	26.59	---

WTR HIGH 24.57 JUL 5,6 LOW 28.54 NOV 9



HINDS COUNTY

322112090195601. Local number, G0059.
LOCATION.--Lat 32°21'15", long 90°20'42", 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.
AQUIFER.--124CCKF: 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 320 ft above NGVD of 1929 (from topographic map).
Measuring point: Air vent at pump base, 2.10 ft above land-surface datum.
REMARKS.--Water level affected by length of time pump off before measurement made.
PERIOD OF RECORD.--April 1960, September 1976, October 1980, July 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 192.0 ft below land-surface datum, Apr. 15, 1960, lowest measured, 254.58 ft below land-surface datum, Apr.19, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	247.47	APR 19	245.58

322128090174901. Local number, G0101.
LOCATION.--Lat 32°21'30", long 90°17'46", 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.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16 x 10 in, depth 842 ft.
DATUM.--Land-surface datum is 297 ft above NGVD of 1929 (from topographic map).
Measuring point: One inch plug on steel late 1.65 ft.
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 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	274.55	APR 19	269.25

322003090092501. Local number, H0196.
LOCATION.--Lat 32°20'11", long 90°09'33", 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.
AQUIFER.--124CCKF: 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 NGVD of 1929 (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, 149.29 ft below land-surface datum, Aug. 25, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	148.89	DEC 9	148.93	FEB 24	148.79	APR 19	149.25	JUN 28	149.00	AUG 25	149.29
NOV 12	148.03	JAN 27	149.05	MAR 30	148.57	MAY 19	149.20	JUL 29	147.99	SEP 28	149.22

321930090092501. Local number, H0197.
LOCATION.--Lat 32°19'30", long 90°09'25", in SW1/4 NW1/4 NW1/4 sec. 36, T.6 N.,R.1 E., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, near intersection of Interstate 55 and Lakeland Drive at Mississippi Museum of Natural History.
AQUIFER:--124CCKF: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8x4 in, depth 795 ft.
DATUM.--Land-surface datum is 355 ft above NGVD of 1929 (from topographic map).
Measuring point: Top of 2-in vent pipe, 2.40 ft above land-surface datum.
REMARKS.--Water levels affected by nearby pumping.
PERIOD OF RECORD.--August 1999, June 2003 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 317 ft below land-surface datum, Aug. 1999, lowest measured, 345.80 ft below land-surface datum Jun. 25, 2003.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	337.16	DEC 12	335.69	FEB 26	334.29	APR 20	334.72	JUN 28	335.19	AUG 31	340.08
NOv 12	337.06	JAN 27	334.72	MAR 30	334.16	MAY 19	336.19	JUL 29	338.49	SEP 29	341.27

321929090092601. Local number, H0199.
LOCATION.--Lat 32°19'29", long 90°09'26", in SW1/4 NW1/4 NW1/4 sec. 36, T.6 N.,R.1 E., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, near intersection of Interstate 55 and Lakeland Drive at Mississippi Museum of Natural History.
AQUIFER:--124CCKF: Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 300 ft.
DATUM.--Land-surface datum is 353 ft above NGVD of 1929 (from topographic map).
Measuring point: Top of 2-in vent pipe, 1.38 ft above land-surface datum.
REMARKS.--Water levels affected by nearby pumping.
PERIOD OF RECORD.--April 2000, June 2003 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 210.15 ft below land-surface datum, Aug 27, 2003, lowest measured, 215.94 ft below land-surface datum Sept. 29, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	215.07	DEC 12	215.32	FEB 26	215.32	APR 20	215.59	JUN 28	215.52	AUG 31	215.83
NOV 12	215.28	JAN 27	215.26	MAR 30	215.21	MAY 19	215.64	JUL 29	215.61	SEP 29	215.94

HINDS COUNTY--Continued

321445090160001. Local number, M0094.
LOCATION.--Lat 32°14'52", long 90°15'59", in SW1/4 NE1/4 sec. 26, T.5 N., R.1 W., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, on Forest Hill Road in south Jackson.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 x 8 in, depth 1,089 ft.
DATUM.--Land-surface datum is 360 ft above NGVD of 1929 (from topographic map).
Measuring point: Air vent at pump base, 4.10 ft above land-surface datum.
REMARS.--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, 326.36 ft below land-surface datum Sept. 28, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	321.55	DEC 9	320.67	FEB 24	322.68	APR 19	321.37	JUN 28	321.78	AUG 25	325.70	SEP 28	326.26
NOV 12	321.54	JAN 27	321.92	MAR 29	322.24	MAY 19	321.89	JUL 30	322.97	AUG 31	323.02		

321423090180201. Local number, M0112.
LOCATION.--Lat 32°14'25", long 90°18'01", in SW1/4 SE1/4 sec. 28, T.5 N., R.1 W., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, on Siwell Road next to fire station in south Jackson.
AQUIFER.--124SPRT Sparta sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16 x 10 in, depth 1,398 ft.
DATUM.--Land-surface datum is 330 ft above NGVD of 1929 (from topograpic map).
Measuring point: Top of 2-in vent pipe at pump base.
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, 315.80 ft below land-surface datum, OCT.23, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	302.17	DEC 12	301.00	FEB 26	305.52	APR 28	304.98	JUN 28	306.48	--- --	------
NOV 13	302.85	JAN 28	305.35	MAR 29	305.48	--- --	------	JUL 30	310.95	SEP 30	313.95

321752090102601. Local number, N0092.
LOCATION.--Lat 32°17'59", long 90°10'32", 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.
AQUIFER.--124CCKF: 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 NGVD of 1929 (from topographic map).
Measuring point: Top of 4-in casing, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--June 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 99.01 ft below land-surface datum, June 6, 1986, lowest measured 112.97 ft below land-surface datum, Sept. 28, 2003.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	112.20	DEC 9	112.12	FEB 24	112.20	APR 19	112.56	JUN 28	112.11	AUG 25	112.69
NOV 12	112.37	--- --	------	MAR 29	112.03	MAY 19	112.20	JUL 29	111.74	SEP 28	112.97

320554090173902. Local number, V0033.
LOCATION.--Lat 32°05'54", long 90°17'41", 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.
AQUIFER.--123FRHL: Sand of Forest Hill Formation of Oligocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10 x 6 in, depth 473 ft.
DATUM.--Land-surface datum is 286 ft above NGVD of 1929 (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, Sept. 1959, lowest measured, 200.58 ft below land-surface datum, Oct.17, 2003.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	199.43	APR 19	190.54

MADISON COUNTY

322415090085001. Local number, V0029.
LOCATION.--Lat 32°24'21", long 90°09'46", 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.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled institutional use artesian well, diameter 12 x 6 in, depth 831 ft.
DATUM.-Land-surface datum is 355 ft above NGVD of 1929 (from topographic map).
Measuring point: 3/4-in air vent, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--June 1969, July 1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 233 ft below land-surface datum, June 1969, lowest measured, 325.64 ft below land-surface datum, Nov. 15, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	321.35	DEC 12	319.34	FEB 24	317.74	APR 20	316.56	JUN 28	317.25	AUG 25	325.35
NOV 13	321.29	JAN 27	318.84	MAR 29	317.83	MAY 19	318.81	JUL 29	324.22	SEP 29	325.60

MADISON COUNTY--Continued

322627090062401. Local number, W0005.
LOCATION.--Lat 32°26'36", long 90°06'25", in SE1/4 SE1/4 sec.17, T.7 N., R.2 E., Choctaw Meridian, Madison County.
Hydrologic Unit 03180002, 1 mi southeast of center of Madison near Bruce Campbell Airport.
AQUIFER.--124CCKF: 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 318 ft above NGVD of 1929 (from topographic map).
Measuring point: Top of concrete base 0.50 ft or hole in plate on well head (since Apr. 24, 1961) at land-surface datum.
REMARKS.--Water levels affectd by nearby pumping.
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, 216.91 ft below land-surface datum, Oct.10, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	202.94	APR 19	197.74

322514090080901. Local number, W0069.
LOCATION.--Lat 32°25'14", long 90°08'10", 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.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16 x 10 inch, depth 1161 ft.
DATUM.--Land-surface datum is 350 ft above NGVD of 1929 (from topographic map).
Measuring point: 3/4-inch water faucet tap at the top of pump column, 2.45 ft above land-surface datum (old measuring point of 1.70 ft changed Aug. 3, 2001).
REMARKS.--Water levels affectd by the length of pumping time prior to recovery and measurement.
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, 338.35 ft below land-surface datum, Sept.29, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	328.38	DEC 12	322.89	FEB 26	322.74	APR 20	319.10	JUN 28	323.10	AUG 31	330.26
NOV 12	333.30	JAN 28	328.35	MAR 31	322.74	MAY 20	326.07	JUL 30	336.20	SEP 29	338.35

322702090082301. Local number, W0074.
LOCATION.--Lat 32°27'02", long 90°08'26", 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.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 x 8 in, depth 1380 ft.
DATUM.--Land-surface datum is 390 ft above NGVD of 1929 (from topographic map).
Measuring point: Vent pipe at pump base, 1.10 ft above land-surface datum.
REMARKS.--Water level affected by limited time pump off.
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, 350.82 below land-surface datum, Oct.15, 2003.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	350.82	APR 20	347.44

RANKIN COUNTY

322249089582101. Local number, G0043.
LOCATION.--Lat 32°22'50", long 89°59'15", in SE1/4 NE1/4 sec.9, T.6 N., R.3 E., Choctaw Meridian, Rankin County.
Hydrologic Unit 03180002, 7.4 mi north of Brandon on Spillway road.
AQUIFER.--124SPRT: Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16 x 10 in, depth 1,170 ft.
DATUM.--Land-surface datum is 307 ft above NGVD of 1929 (from topographic map).
Measuring point: Air vent at pump motor base, 1.70 ft above land-surface datum.
REMARKS.--Water level affected by limited time pump off.
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, 244.50 ft below land-surface datum, Oct. 5, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	232.49	APR 19	243.67

321735090022201. Local number, K0067.
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.
AQUIFER.--124SPRT: 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 NGVD of 1929 (from topographic map).
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 244.78 ft below land-surface datum, Oct.15, 2003.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	244.78	APR 28	242.45

RANKIN COUNTY--Continued

321423090045501. Local number. K0073.
LOCATION.--Lat 32°14'25", long 90°04'48", in SW1/4 SE1/4 sec. 27, T.5 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, near intersecton of State Highway 468 and Airport Road at Whitfield.
AQUIFER.--124CCKF: Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 x 6-in casing, 10-in screen, depth 789 ft.
DATUM.--Land-surface datum is 305 ft above NGVD of 1929 (from topographic map).
Measuring point: Twelve-inch plug on top of 10-in casing, 1.00 ft above land-surface datum.
PERIOD OF RECORD:--Miscellaneous water-level measurements June 1961, September 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 133 ft below land-surface datum, Jun. 9, 1961, lowest measured, 208.68 ft below land-surface datum Aug. 21, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	201.84	DEC 9	199.80	FEB 24	199.08	APR 19	200.48	JUN 28	199.17	--- --	------
NOV 12	200.98	JAN 27	198.82	MAR 30	198.81	MAY 19	199.76	JUL 29	200.15	SEP 28	202.12

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
124TLLT	Tallahatta Formation, Eocene
124MUWX	Meridian-Upper Wilcox aquifer, Eocene
124WLCXM	Middle Wilcox aquifer, Eocene
124WLCXL	Lower Wilcox aquifer, Eocene
211RPLY	Ripley Formation, Upper Cretaceous
211COFF	Coffee Sand, Upper Cretaceous
211EUTW	Eutaw Formation, Upper Cretaceous
211EUTWR	Eutaw Formation (restricted), Upper Cretaceous
211EUTWL	Lower Eutaw Formation, Upper Cretaceous
211MCSN	McShan Formation, Upper Cretaceous
211GORD	Gordo Formation, Upper Cretaceous
211COKR	Coker Formation, Upper Cretaceous
211MSSV	Massive Sand, Upper Cretaceous
300PLZC	Paleozoic Erathem, Paleozoic
331TCMB	Tuscumbia Limestone, Upper Mississippian
337FRPN	Fort Payne Chert, Lower Mississippian

HARRISON COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

303405089100001 B0245 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 26...	1110	122PCGL	706.	110.	--	5	5	4045	120	8.3	220	25.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	2.40	149	9	12	26.00	4045	8.00

303732089032101 C0019 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 26...	1345	121GRMF	230	221.	--	10	10	4040	120	8.0	291	23.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	2.20	190	55	16	26.00	4040	8.00

303812089011001 D0021 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 26...	1530	121GRMF	252.	65.	--	11	10	4090	120	8.2	301	22.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	3.40	182	4	5	27.00	4090	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

303132089153501 E0126 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 28...	1405	121GRMF	550.	140.	--	20	5	4090	120	7.3	180	22.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 28...	3.40	148	61	59	27.00	4090	8.00

303104089034001 G0457 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 26...	1211	121GRMF	450.	30.	--	5	10	4040	120	8.5	334	23.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	2.50	219	27	16	26.00	4040	8.00

303244089003601 H0279 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 26...	1430	121GRMF	490.	130	--	5	10	4040	120	7.7	330	23.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	2.30	211	52	38	26.00	4040	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

302610089173401 J0210 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 28...	0840	121GRMF	435.	100.	--	10	5	4040	120	7.5	178	20.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 28...	5.00	150	61	114	26.00	4040	8.00

302403089153301 J0290 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	1405	122PCGL	935.	70.	--	5	10	4045	120	9.0	430	26.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	2.70	258	5	10	26.00	4045	8.00

302656089111201 K0382 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 28...	1520	122PCGL	800.	75.	--	10	5	4040	120	8.4	286	25.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 28...	2.90	190	10	23	26.00	4040	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

302503089115301 K0388 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
MAY 03...	1200	121GRMF	600.	15.	--	5	8	4040	120	7.5	229	23.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
MAY 03...	3.00	168	115	297	26.00	4040	8.00

302545089054501 L0701 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	0745	121GRMF	829.	25.	--	--	5	4045	120	8.1	260	26.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	2.90	176	4	13	26.00	4045	8.00

302642089043701 L0702 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 29...	1340	121GRMF	560.	30.	--	10	5	4090	120	7.3	176	23.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 29...	3.10	148	142	64	27.00	4090	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

302800089072001 L0725 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	0820	121GRMF	710.	70.	--	--	5	4045	120	7.6	238	25.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	2.80	176	50	34	26.00	4045	8.00

302745089004401 M0399 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
MAY 03...	1305	121GRMF	528.	20.00	--	5	7	4040	120	7.6	176	24.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
MAY 03...	3.00	147	299	14	26.00	4040	8.00

302640088555301 M0742 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 28...	1235	--	--	45	--	15	10	4040	120	7.4	204	23.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 28...	3.40	164	290	156	26.00	4040	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

302708088532601 M0749 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 29...	0905	122PCGL	860.	26.	--	10	10	4045	120	8.9	395	27.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 29...	16.0	235	<2	13	26.00	4045	8.00

302611088572201 M0795 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 29...	0800	122PCGL	900.	25.	--	--	10	4045	120	9.0	333	27.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 29...	7.70	199	<2	7	26.00	4045	8.00

302334088583501 M0800 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 29...	1035	121GRMF	680.	20.	--	10	10	4040	120	9.0	334	25.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 29...	4.60	203	<2	8	26.00	4040	8.00

Remark codes:
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HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

305403088593401 M0812 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
MAY 03...	1440	122PCGL	950.	20.	--	12	9	4045	120	9.0	366	28.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
MAY 03...	14.0	215	5	5	26.00	4045	8.00

301830089173701 N0287 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	1220	122PCGL	966.	5.00	200	5	10	4040	120	8.7	533	27.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	31.0	317	5	7	26.00	4040	8.00

301832089171301 N0313 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	1145	122PCGL	982.	5.	--	10	10	4045	120	9.0	585	24.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	36.0	340	42	12	26.00	4045	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004--Continued

302246089160201 N0337 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 28...	0750	121GRMF	357.	23.	--	10	<5	4090	120	7.8	210	21.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 28...	3.40	162	87	120	27.00	4090	8.00

302020089110001 O0123 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	1015	122PCGL	873.	25.	--	--	10	4045	120	7.4	288	25.5

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	2.90	194	112	242	26.00	4045	8.00

302132089084901 O0355 HARRISON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Color, water, fltrd, Pt-Co units (00080)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
APR 27...	0945	122HBRG	1670.	27.	--	--	10	4045	120	8.8	406	31.0

Date	Chlor-ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 27...	21.0	234	3	12	26.00	4045	8.00

Remark codes:
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SHARKEY COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

325338090505505 F0028 SHARKEY

Date	Time	End time	Field sample comment	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Color, water, fltrd, Pt-Co units (00080)	Sampling method, code (82398)
MAR 25-APR 01	0900	0915	Interstitial H2O from deposits overlying 112MRVA	24.00	95.	10	8010
APR 01-05	0915	1015	Interstitial H2O from deposits overlying 112MRVA	24.00	95.	--	8010

Date	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)
MAR 25-APR 01	7.9	4720	490	187	3.20	510	532	260	.4	44.0	2080	4170
APR 01-05	--	--	--	--	--	--	--	--	--	--	--	--

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Strontium, water, fltrd, ug/L (01080)	Tritium 2-sigma water unfltrd pCi/L (75985)	Tritium water unfltrd pCi/L (07000)	Sample source, code (72005)	Sampler type, code (84164)	Sampling condition, code (72006)
MAR 25-APR 01	.96	2580	--	--	74.00	8010	30.00
APR 01-05	--	--	.58	6.9	74.00	8010	30.00

325338090505506 F0029 SHARKEY

Date	Time	End time	Field sample comment	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Color, water, fltrd, Pt-Co units (00080)	Sampling method, code (82398)
MAR 25-APR 01	0920	0910	Interstitial H2O from deposits overlying 112MRVA	10.00	95.	10	8010
APR 01-05	0910	1005	Interstitial H2O from deposits overlying 112MRVA	10.00	95.	--	8010

Date	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)
MAR 25-APR 01	7.8	3130	240	106	6.20	390	771	77.0	.5	44.0	940	2170
APR 01-05	--	--	--	--	--	--	--	--	--	--	--	--

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Strontium, water, fltrd, ug/L (01080)	Tritium 2-sigma water unfltrd pCi/L (75985)	Tritium water unfltrd pCi/L (07000)	Sample source, code (72005)	Sampler type, code (84164)	Sampling condition, code (72006)
MAR 25-APR 01	.59	2020	--	--	74.00	8010	30.00
APR 01-05	--	--	.58	1.3	74.00	8010	30.00

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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^{1}	millimeter (mm)
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^{0}	kilometer (km)
Area		
acre	4.047×10^{3}	square meter (m^2)
	4.047×10^{-1}	square hectometer (hm^2)
	4.047×10^{-3}	square kilometer (km^2)
square mile (mi^2)	2.590×10^{0}	square kilometer (km^2)
Volume		
gallon (gal)	3.785×10^{0}	liter (L)
	3.785×10^{-3}	cubic meter (m^3)
	3.785×10^{0}	cubic decimeter (dm^3)
million gallons (Mgal)	3.785×10^{3}	cubic meter (m^3)
	3.785×10^{-3}	cubic hectometer (hm^3)
cubic foot (ft^3)	2.832×10^{-2}	cubic meter (m^3)
	2.832×10^{1}	cubic decimeter (dm^3)
cubic-foot-per-second-per-day [(ft^3/s/d]	2.447×10^{3}	cubic meter (m^3)
	2.447×10^{-3}	cubic hectometer (hm^3)
acre-foot (acre-ft)	1.223×10^{3}	cubic meter (m^3)
	1.223×10^{-3}	cubic hectometer (hm^3)
	1.223×10^{-6}	cubic kilometer (km^3)
Flow rate		
cubic foot per second (ft^3/s)	2.832×10^{1}	liter (L/s)
	2.832×10^{-2}	cubic meter per second (m^3/s)
	2.832×10^{1}	cubic decimeter per second (dm^3/s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m^3/s)
	6.309×10^{-2}	cubic decimeter per second (dm^3/s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second
	4.381×10^{1}	cubic decimeter per second (dm^3/s)
Mass		
ton, short (2,000 lb)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

°F = (1.8 x °C) + 32