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Water Resources Data
Mississippi
Water Year 2005

Water-Data Report MS-05-1

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

CALENDAR FOR WATER YEAR 2005

2004

OCTOBER

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2005

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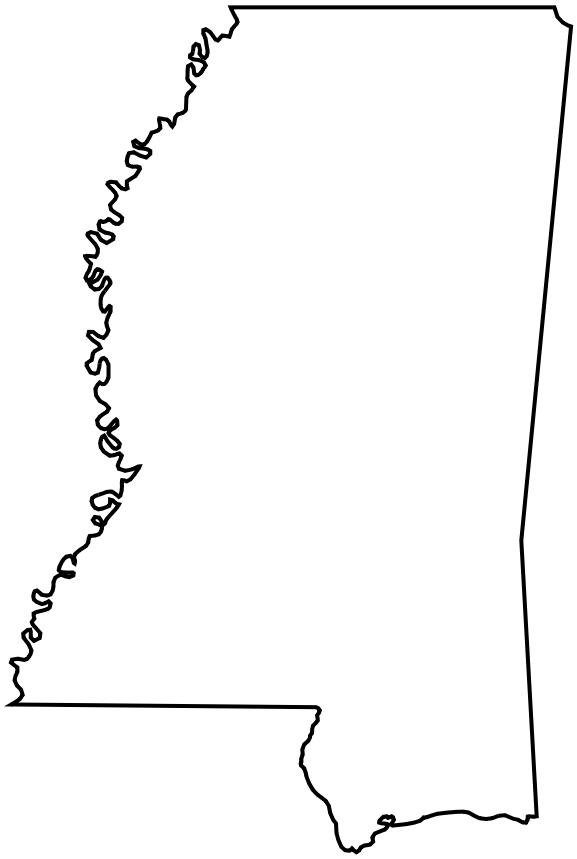
Water Resources Data Mississippi Water Year 2005

By Fred Morris III, Michael S. Runner, Kenneth E. Burks, Michael A. Manning

Water-Data Report MS-05-1



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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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2006

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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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Joyce Kellum is responsible for typing and editing this report.

This report was prepared in cooperation with the State of Mississippi and with other agencies under the general supervision of Michael L. Plunkett, Director, Mississippi Water Science Center.

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13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 2005 water year for Mississippi consist of records of surface water and ground water in the State. Specifically, it contains: (1) Discharge records for 85 streamflow-gaging stations, stage records for 17 of these gaging stations, discharge records for 101 partial-record stations or miscellaneous streamflow sites, including 8 flood hydrograph partial-record stations, 93 crest-stage partial-record stations, and 0 special study and miscellaneous sites; (2) stage only at 2 gaging stations; (3) water-quality records for 12 streamflow-gaging stations, 11 stage-only stations, 2 water-quality monitor stations, 0 partial-record stations or miscellaneous sites, 64 short-term study sites, and 30 wells; and (4) water-level records for 20 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 Creek near Booneville, MS (d)	02429900*	27.1	1973-03
Little Brown Creek near New Site, MS (d)	02429949	42.2	1973-89
Pollard Mill Branch at Paden, MS (d)	02429980*	2.01	1973-03
Mackeys Creek near Dennis, MS (d)	02430000	66.9	1938-80
Mackeys Creek Bl Bay Springs Lock and Dam, MS (d)	02430012	68.2	1980-83
Rock Creek near Belmont, MS (d)	02430038	8.98	1975-80
Mackeys Creek near Moores Mill, MS (d)	02430100	118	1983-95
Tombigbee River near Marietta, MS (d)	02430500	308	1937-50, 1968-00
Tombigbee River at Beans Ferry near Fulton, MS (d)	02431500	706	1937-47
Bull Mountain Creek near Smithville, MS (d)	02433000	336	1941-84, 1986-87
Burkett Creek at Amory, MS (d)	02433530	6.60	1964-67
Town Creek at Tupelo, MS (d)	02434000*	111	1944-46, 1952-71
Tishomingo Creek near Saltillo, MS (d)	02434250	30.1	1949-63
Euclautubba Creek at Saltillo, MS (d)	02434500	19.1	1952-67
Town Creek at Eason Boulevard at Tupelo, MS (d,e)	02435020*	233	1970-03
Town Creek near Verona, MS (d)	02435500	271	1944-47
Chiwapa Creek at Shannon, MS (d)	02436000*	145	1952-67
Tombigbee River near Amory, MS (d)	02437000*	1930	1938-85
Tombigbee River at Aberdeen, MS (d)	02437500	2171	1928-58, 1972-82
James Creek at Aberdeen, MS (d)	02437600*	28.4	1964-68
Buttahatchee River near Caledonia, MS (d)	02439500	831	1928-32
Chuquatonchee Creek near Okalona, MS (d)	02439980*	68.5	1963-68
Chuquatonchee Creek near Egypt, MS (d)	02440000*	167.0	1952-73
Houlka Creek near McCondy, MS (d)	02440400*	189.0	1963-68
Chuquatonchee Creek near West Point, MS (d)	02440500	505	1943-46, 1947-73, 1996-04
Tibbee Creek near Tibbee, MS (d)	02441000*	926.0	1929-30, 1940-88
Catalpa Creek at Mayhew, MS (d)	02441300*	98.0	1963-68
Luxapallila Creek at Steens, MS (d)	02443000*	309	1944-47
Cedar Creek near Trinity, MS (d)	02443710	11.5	1980-82
Noxubee River near Brooksville, MS (d)	02447500	446	1940-42
Sucarnoochee River near Porterville, MS (d)	02467200*	135	1997-03
PASCAGOULA RIVER BASIN			
Oakohay Creek at Mize, MS (d)	02471500*	171	1944-49
Tallahala Creek at Waldrup, MS (d)	02473460	102	1979-04
Tallahattah Creek near Waldrup, MS (d)	02473480*	30.4	1965-70
Tallahoma Creek near Laurel, MS (d)	02474000	139	1941-48
Bogue Homo near Richton,MS (d)	02474600	344	1970-83, 1984-04
Leaf River at Beaumont, MS (e)	02474740	3011	1972-76
Okatibbee Creek near Meridian, MS (d)	02476000	236	1939-74
Chickasawhay River at Shubuta, MS (e)	02477350	1458	1972-97
Chickasawhay River near Waynesboro, MS (d,e)	02477500	1650	1939-97
Buckatunna Creek at Denham, MS (d)	02478000	506	1939-49
Flint Creek near Wiggins, MS (d)	02479200	24.9	1957-68
Bluff Creek near Vancleave, MS (d)	02480250	52.0	1974-79
TCHOUTACABOUFFA RIVER BASIN			
Tuxachanie Creek near Biloxi, MS (d)	02480500*	92.4	1953-71
WOLF RIVER BASIN			
Wolf River near Lyman, MS (d)	02481500	253	1945-48
JOURDAN RIVER BASIN			
Catahoula Cr near Santa Rosa, MS (d)	02481570	155	1962-66
ST. LOUIS BAY			
Bay Waveland Yacht Club at St. Louis Bay, MS (g,k,t,)	301932089193120	indeterminate	2001-04

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

Station name	Station number	Drainage area (mi^2)	Period of record
PEARL RIVER BASIN			
Lobutcha Creek near Carthage, MS (d)	02482500	309	1937-60
Pearl River at Meeks Bridge near Canton, MS (d)	02485000	2780	1939-63
Pelahatchie Creek near Fannin, MS (d)	02485500	206	1951-60
Copiah Creek near Hazlehurst, MS (d)	02487900*	47.4	1965-68
Pearl River at Rockport, MS (d)	02488000*	4556	1985-03
Bahala Creek near Oma, MS (d)	02488100	150	1966-68
Whitesand Creek near Oak Vale, MS (d,g)	02488700	130	1965-04
Holiday Creek at Goss, MS (d)	02488850	78.5	1965-68
Lower Little Creek near Baxterville, MS (d)	02489240	81.5	1961-70
East Pearl R at CSX Railroad near Claiborne, MS (d)	301141089320300	8674	2001
THE RIGOLETS			
The Rigolets at CSX Railroad near Rigolets, LA (d)	300910089374820	indeterminate	2000-02
TENNESSEE RIVER BASIN			
Yellow Creek near Doskie, MS (d)	03592800	143	1938-59, 1973-78
Tennessee-Tombigbee Waterway at Cross Roads (e)	03592824	indeterminate	1981-95
HATCHIE RIVER BASIN			
Hatchie River near Walnut, MS (d)	07029270	274	1948-73
TUSCUMBIA RIVER BASIN			
Tuscumbia River Canal near Corinth, MS (d)	07029300	277	1950-59
YAZOO RIVER BASIN			
Cane Creek near New Albany, MS (d)	07266000	22.2	1939-41
Cypress Creek near Etta, MS (d)	07268500*	28.5	1939-42
North Tippah Creek near Ripley, MS (d)	07269000*	20.0	1939-42
Clear Creek near Oxford, MS (d)	07271000	10.3	1939-41, 1950-74
Little Tallahatchie River at Sardis, MS (d)	07272500	1545	1940-80
Tallahatchie River near Sardis, MS (d)	07273000	1595	1932-42
Hotopha Creek near Batesville, MS (d)	07273100*	35.1	1986-01
Little Tallahatchie River at Batesville, MS (d)	07273500	1750	1907-13
Town Creek at Water Valley, MS (d)	07274251*	3.97	1985-01
Otoucalofa Creek Canal near Water Valley, MS (d)	07274252*	97.1	1985-01
Yocona River at Enid Dam, MS (d)	07275000	560	1928-80
Peters (Long) Creek near Pope, MS (d)	07275530*	79.2	1987-01
Coldwater River near Lewisburg, MS (d)	07276000	218	1940-53
Pigeonroost Creek near Lewisburg, (d)	07277000	228	1940-53
Coldwater River near Coldwater, MS (d)	07277500	617	1928-42
Senatobia Creek near Senatobia, MS (d)	07277730*	62.8	1986-01
Coldwater River at Arkabutla Dam, MS (d)	07278500	1000	1937-80
Coldwater River at Savage, MS (d)	07279500	1225	1909-12, 1936-42
Tallahatchie River near Lambert, MS (d)	07280000	1980	1936-80
Tillatoba Creek Bl Oakland, MS (d)	07280270	37.1	1974-84
South Fork Tillatoba Creek near Charleston, MS (d)	07280340	53.9	1975-87
North Fork Tillatoba Creek near Teasdale, MS (d)	07280460	30.8	1984-89
Tallahatchie River at Swan Lake, MS (d)	07281000	5130	1939-80
Yalobusha River at Graysport, MS (d)	07282500	607	1940-49
Skuna River near Coffeeville, MS (d)	07283500	435	1940-49
Yalobusha River at Grenada Dam near Grenada, MS (d)	07285000	1320	1961-80
Batupan Bogue at Grenada, MS (d)	07285400	240	1985-97
Askalmore Creek at Retention Dam near Cascilla, MS (d)	07285900	10.5	1967-74
Thompson Creek at McCarley, MS (d)	07286500	14.4	1957-64
Yazoo River at Greenwood, MS (d)	07287000	7450	1908-13, 1928-80
Fannegusha Creek near Howard, MS (d)	07287355	107	1987-96, 1999-00
Harland Creek near Howard, MS (d)	07287404*	62.1	1987-97, 1999-00
Black Creek at Howard, MS (d)	07287405*	178	1999-01
Big Sunflower River at Clarksdale, MS (d)	07288000	108	1937-42
BIG BLACK RIVER BASIN			
Big Black River at Goodman, MS (d)	07289460*	1338	2001-03
Big Black River at Pickens, MS (d)	07289500	1493	1936-71
BAYOU PIERRE BASIN			
Bayou Pierre near Carpenter, MS (d)	07290500	371	1945-51
MISSISSIPPI RIVER MAIN STEM			
Mississippi River at Natchez, MS (d)	07290880	1145400	1949-78
HOMOCHITTO RIVER BASIN			
Homochitto River near Bude, MS (d)	07291500	399	1942-50
Homochitto River near Kingston, MS (d)	07293500	1000	1945-49
Homochitto River near Doloroso, MS (d)	07294500	1120.	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 Mississippi Water Science Center 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 85 streamflow-gaging stations, stage records for 17 of these gaging stations, discharge records for 101 partial-record stations or miscellaneous streamflow sites, including 8 flood hydrograph partial-record stations, 93 crest-stage partial-record stations and 0 special study and miscellaneous sites; (2) stage only at 2 gaging station; (3) water-quality records for 12 streamflow-gaging stations, 11 stage-only stations, 2 water-quality monitor stations, 0 partial-record stations or miscellaneous sites, 64 short-term study sites, and 30 wells; and (4) water-level records for 20 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, Larry Benton, Interim Acting 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, Frank E. Melton, 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 2005 water year. Comparisons of monthly mean and annual mean discharges in the 2005 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 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 28.31 inches for the water year, or 130 percent of the median annual runoff of 21.75 inches for the reference period 1971-2000. Discharge was above normal (± 25 percent of the median for the reference period) in October, November, June, December, June, July, August, and September, when the monthly mean discharges were 424, 426, 297, 266 and 249,305 of the percent of the median monthly discharges for the reference period, respectively. Discharge was below normal (± 25 percent of the median for the reference period) in March and May, when the monthly mean discharges were 42 and 35 percent of the median monthly discharges for the reference period, respectively. Monthly mean discharges for January, February, and April were within the normal range.

Runoff of the Pascagoula River at Merrill was 24.56 inches for the water year, or 116 percent of the median annual runoff 21.21 inches for the reference period 1971-2000. Discharges were above normal in February, April, August, and September, when the monthly mean discharges were 157, 144, 230, 238, and 477 percent of the monthly median discharge for the reference period, respectively. Discharge was below normal (± 25 percent of the median for the reference period) in January and March, when the monthly mean discharges were 51 and 55 percent of the median monthly discharge for the reference period, respectively. Monthly mean discharges for October, November, May, and June were within the normal range.

Runoff of the Big Black River near Bovina was 22.17 inches for the water year, or 112 percent of the median annual runoff of 21.21 inches for the reference period 1971-2000. Discharge was above normal (± 25 percent of the median for the reference period) in December, April, August, and September, when the monthly mean discharges were 191, 279, 169, 203, and 1,230 percent, of the monthly median discharge for the reference period, respectively. Discharge was below normal (± 25 percent of the median for the reference period) in January, when the monthly mean discharge was 59 percent of the median monthly discharge for the reference period. Monthly mean discharges for October, February, March, May, June, and July 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 non agricultural 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 2005 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 2005

	Minimum	Median	Maximum
Dissolved-oxygen concentration, in milligrams per liter	5.0	6.3	10.2
pH, in standard units	6.5	7.0	7.4

Ground Water

Ground-Water Levels

Ground-water levels in most artesian aquifers in Mississippi continued long-term declines in the latter part of the 2005 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.

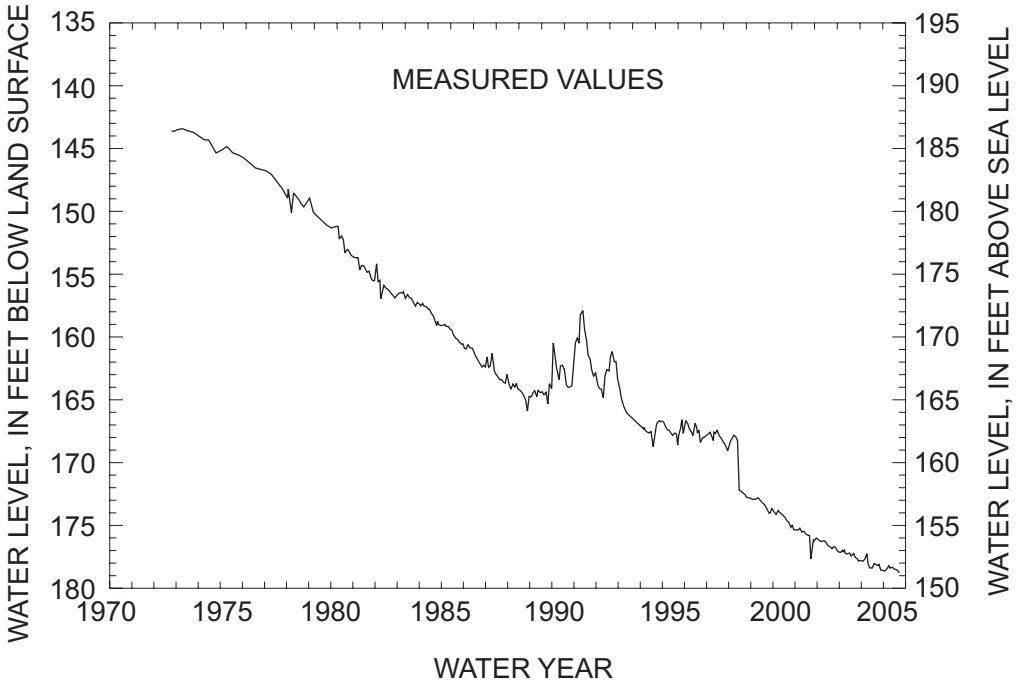

Figure 1.--Hydrograph of well in the Cockfield aquifer in the Jackson metropolitan area.

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)

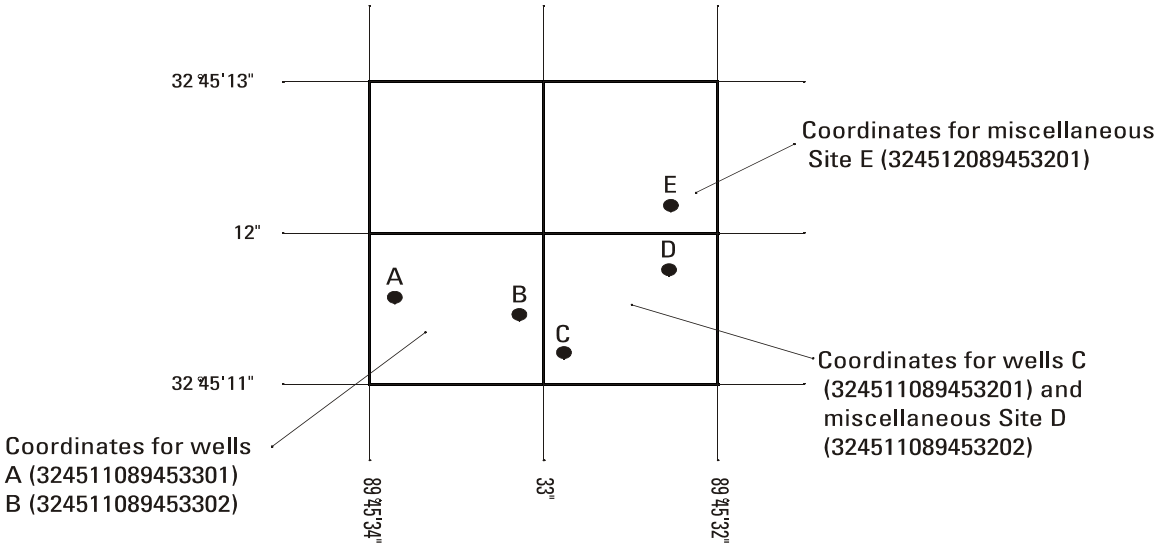

Figure2. System for numbering wells and miscellaneous sites (latitude and longitude).

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://ny.cf.er.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 2005, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of five 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 for collaboration 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 that are 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, the stage-discharge relation is affected by changing stage. At these stations, the rate of change in stage is used as a factor in computing discharge.

At some 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 USGS Water Science Center (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 three 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 USGS Water Science Center. 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 USGS Water Science Center (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.

EXPLANATION OF 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 (Based on combined fouling and calibration drift corrections applied to the record)			
	Excellent	Good	Fair	Poor
Turbidity	≤± 0.5 turbidity units or ≤ ±5%, whichever is greater	>±0.5 to 1.0 turbidity units or >±5 to 10%, whichever is greater	>±1.0 to 1.5 turbidity units or > ± 10 to 15%, whichever is greater	>±1.5 turbidity units or > ± 15%, whichever is greater
Dissolved oxygen	≤±0.3 mg/L or ≤ ± 5%, whichever is greater	>±0.3 to 0.5 mg/L or > ±5 to 10%, whichever is greater	>±0.5 to 0.8 mg/L or > ±10 to 15%,whichever is greater	>±0.8 mg/L or >±15%, whichever is greater
pH	≤±0.2 units	>±0.2 to 0.5 units	>± 0.5 to 0.8 units	>±0.8 units
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.

Onsite 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 onsite when the samples are collected. 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 onsite 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 Water Science Center (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 USGS Water Science Center.

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 are 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 Lawrence, 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

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

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 Method (82398)

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

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

8. Pumping
10. Open hole
15. Bailing
24. Water flooding
26. Production and development test
27. Production by unknown method
30. Seeping

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

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 nondetection 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 either was 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 USGS Water Science Center 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 USGS Water Science Center.

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 by this USGS Water Science Center 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 Onsite 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 onsite 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 and each well is identified by its local well or county well number on a map in this report (fig. 6).

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 affect 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 onsite 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 Water Science Center (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 onsite. 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 USGS Water Science Center (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_2005.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*.

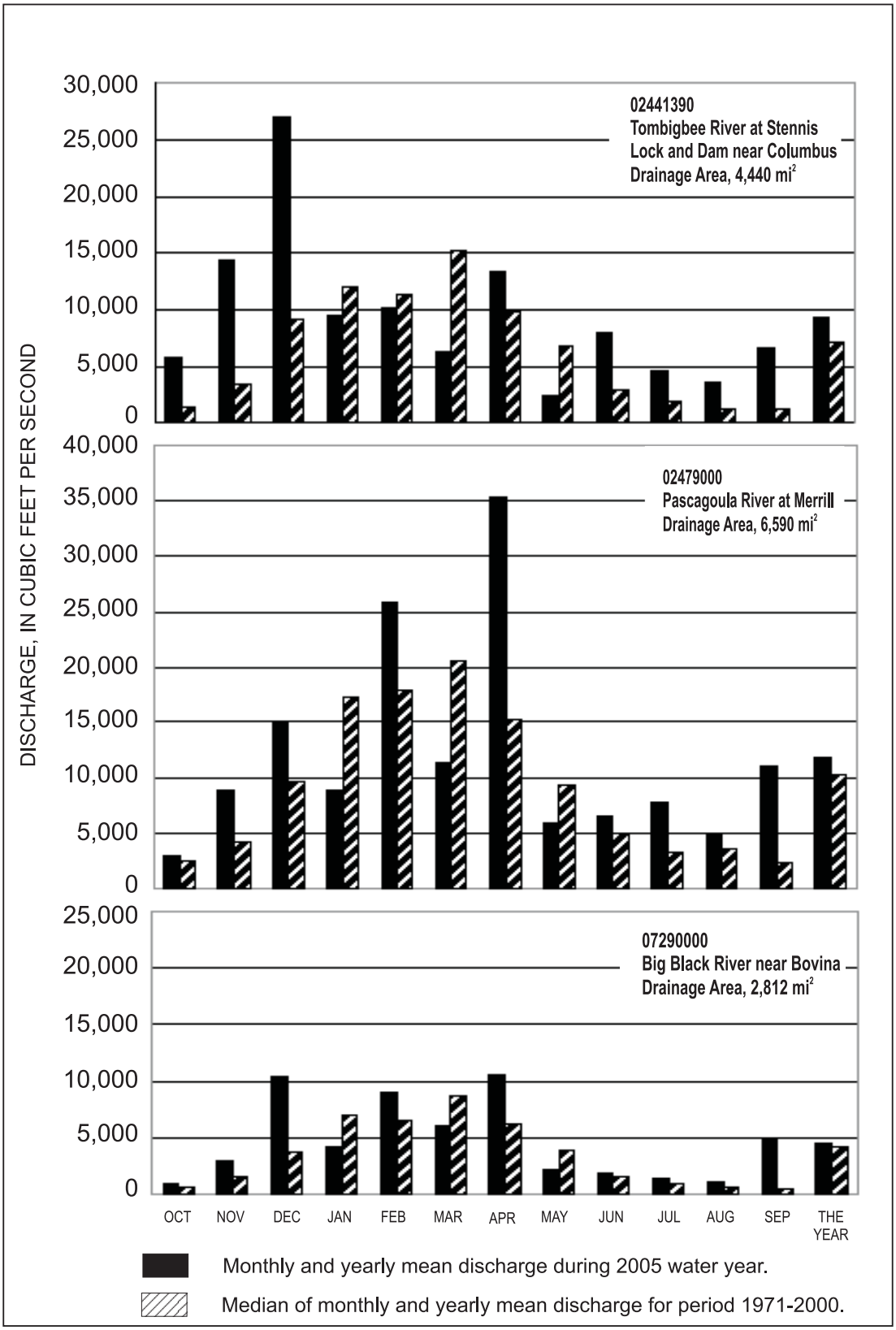

Figure 3.--Relation of discharge during 2005 water year with median discharge for period 1971-2000 for three representative gaging stations.

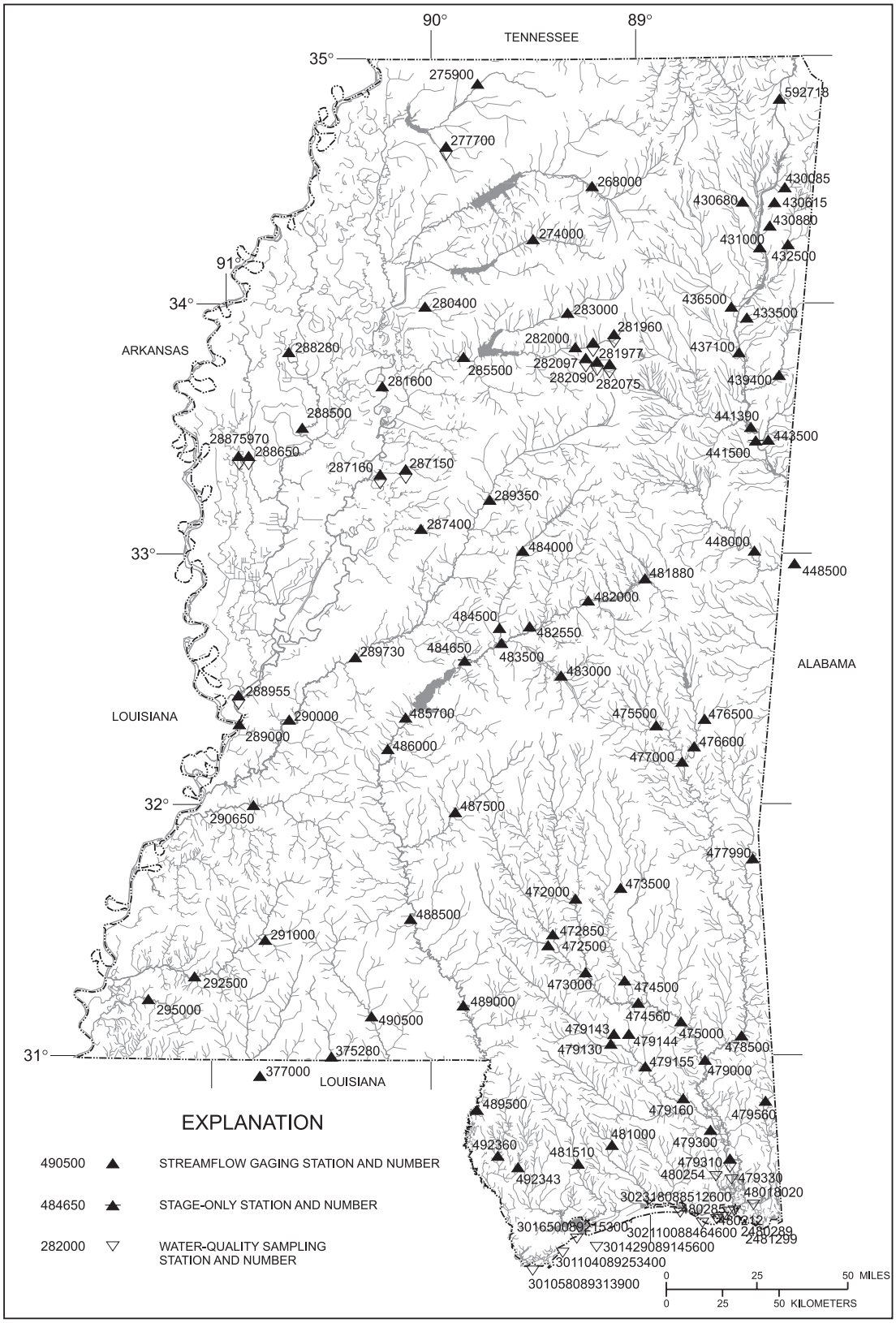

Figure 4.--Location of hydrologic-data stations.

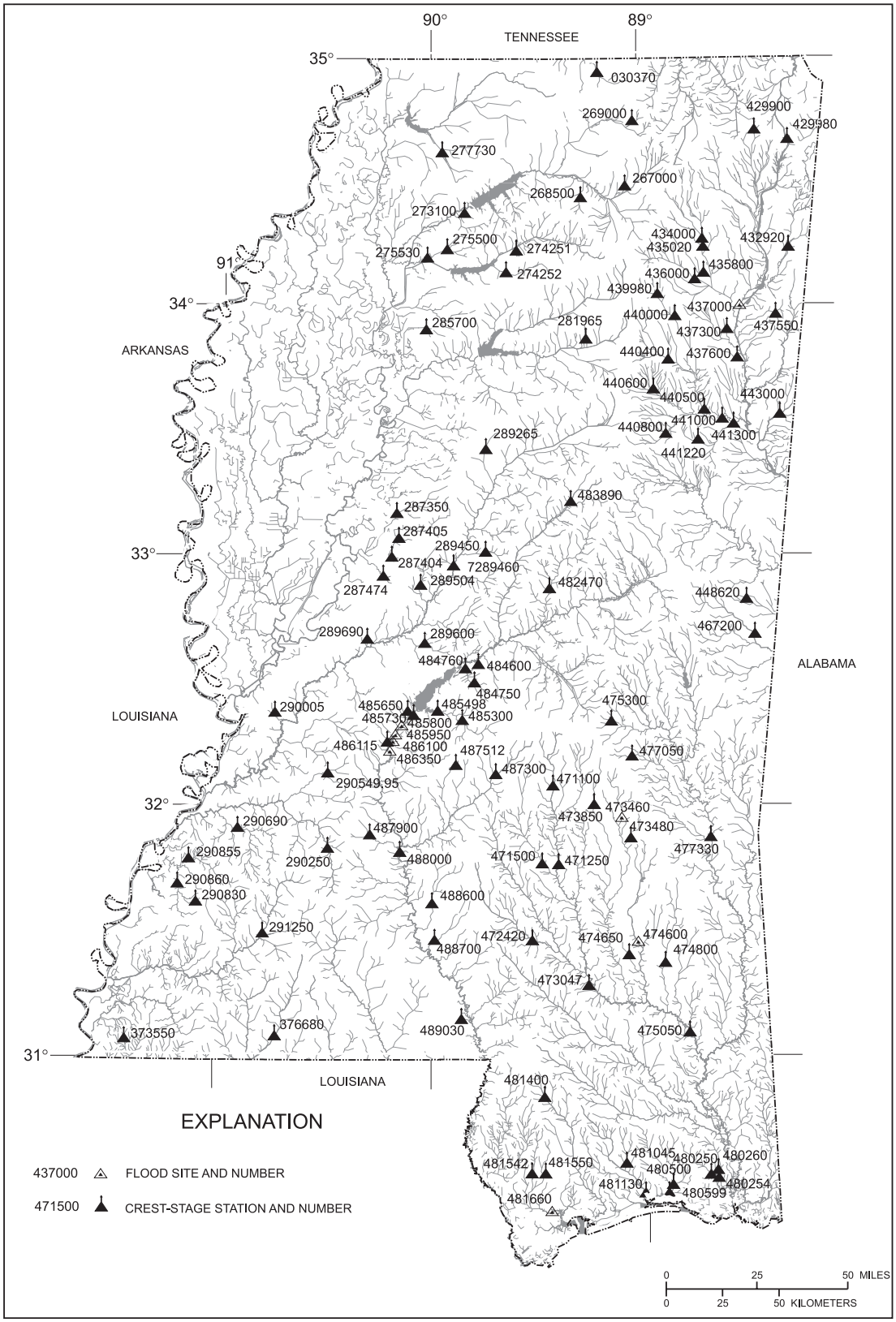

Figure 5.--Location of partial-record stations.

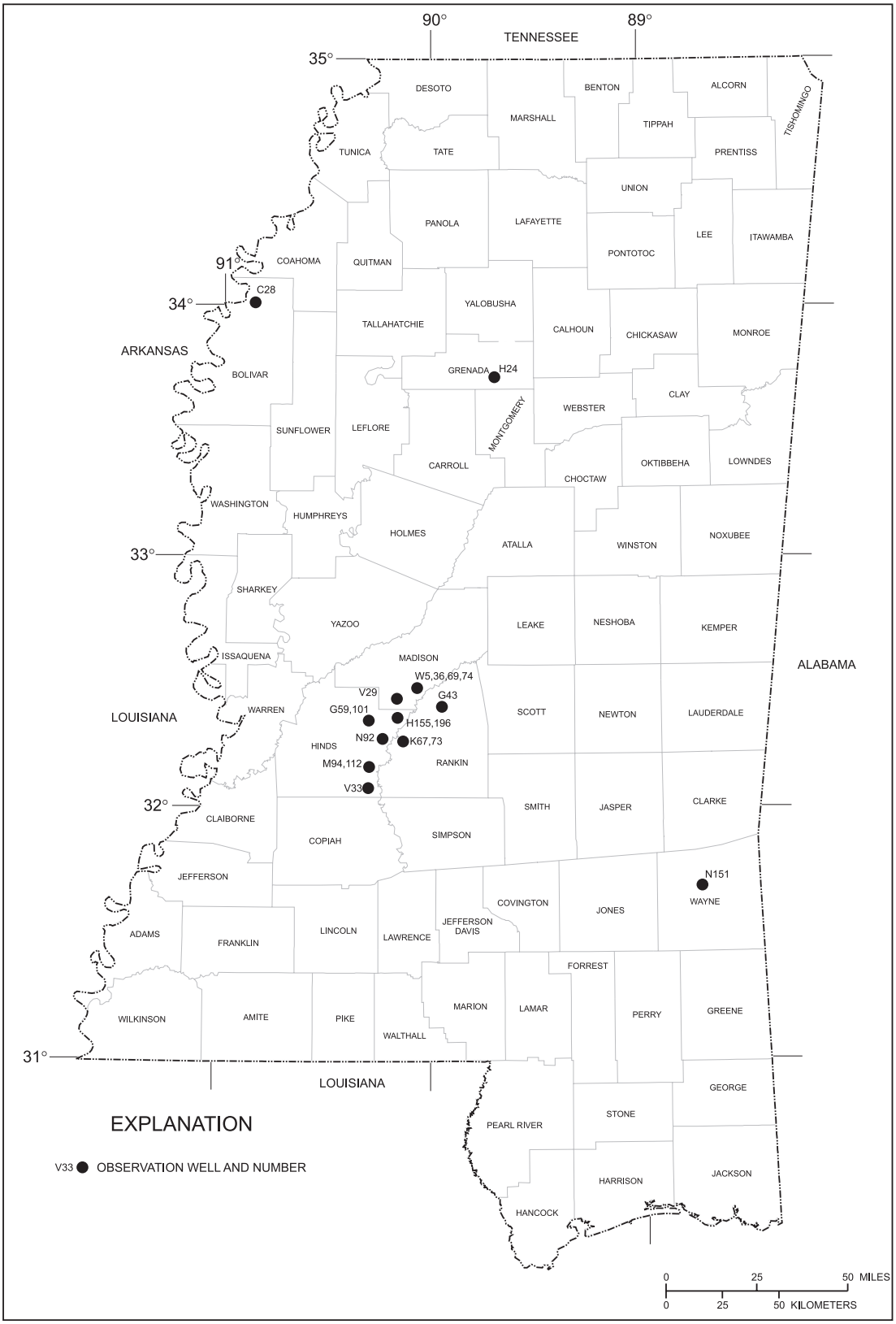

Figure 6.--Location of observation wells.

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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: May 31 - Jun. 14-22, Jun. 29 - Jul. 9 and Jul. 13-29. 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)
Oct. 19	1115	815	11.14	Dec. 9	0915	944	11.39
Nov. 24	0545	663	10.81	Jan 7	2300	781	11.07
Dec. 6	2015	*1,130	*11.70	Aug. 8	0300	618	10.70

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	22	117	23	23	54	55	24	e25	e10	11	10
2	8.1	20	44	22	53	44	43	19	e20	e12	10	8.2
3	8.3	35	27	22	38	40	30	16	e14	e12	5.7	7.1
4	8.3	25	21	21	29	36	27	15	9.8	e12	5.2	6.5
5	8.6	18	33	21	26	32	25	14	8.9	e13	4.9	6.0
6	8.5	16	600	25	25	29	184	13	8.4	e17	5.0	5.7
7	8.9	15	472	153	30	40	187	13	8.6	e17	5.6	5.5
8	9.5	13	111	184	42	42	104	12	8.2	e14	6.3	5.4
9	12	12	424	64	31	39	67	12	8.6	e10	5.6	5.3
10	13	12	123	46	26	42	51	13	8.0	7.1	5.6	5.1
11	21	15	72	40	24	33	48	12	40	78	5.4	4.8
12	96	16	55	39	24	30	59	11	108	12	5.2	4.7
13	26	13	43	139	57	28	40	11	24	e6.2	5.2	4.6
14	20	11	35	84	53	25	34	14	e14	e5.5	4.9	4.6
15	18	10	32	58	36	26	29	15	e12	e5.8	4.7	4.8
16	17	11	30	47	32	26	26	11	e11	e6.9	4.7	5.4
17	19	10	29	39	27	25	24	10	e10	e7.3	4.6	5.1
18	21	10	27	36	25	23	23	9.6	e9.9	e7.6	4.7	4.5
19	280	12	25	35	24	24	21	9.3	e9.4	e5.0	4.9	4.5
20	87	11	23	33	158	23	19	9.5	e9.6	e6.2	4.5	4.5
21	43	12	23	31	166	22	19	9.1	e15	e5.1	4.5	4.3
22	29	20	95	29	112	33	45	8.7	e9.9	e5.8	4.5	4.5
23	40	91	142	24	99	30	24	8.7	7.2	e5.7	4.5	4.2
24	64	345	55	25	98	24	19	8.2	6.9	e6.1	4.3	4.5
25	26	68	42	26	63	23	18	7.8	6.8	e5.7	4.3	24
26	20	38	35	25	50	21	20	7.6	6.9	4.3	4.4	22
27	22	63	30	22	72	28	18	7.4	7.3	4.0	4.3	6.8
28	24	42	28	22	82	34	16	7.5	7.0	4.0	4.4	5.5
29	22	30	27	35	---	24	16	7.4	e7.4	4.4	13	4.9
30	19	231	26	27	---	22	58	7.9	e8.2	4.4	169	4.8
31	30	---	24	24	---	23	---	e8.2	---	4.4	18	---
TOTAL	1037.1	1247	2870	1421	1525	945	1349	351.9	450.0	318.5	348.9	197.8
MEAN	33.5	41.6	92.6	45.8	54.5	30.5	45.0	11.4	15.0	10.3	11.3	6.59
MAX	280	345	600	184	166	54	187	24	108	78	169	24
MIN	7.9	10	21	21	23	21	16	7.4	6.8	4.0	4.3	4.2
MED	20	16	35	31	37	28	28	11	9.5	6.2	4.9	5.1
CFSM	2.13	2.65	5.90	2.92	3.47	1.94	2.86	0.72	0.96	0.65	0.72	0.42
IN.	2.46	2.95	6.80	3.37	3.61	2.24	3.20	0.83	1.07	0.75	0.83	0.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	12.9	26.0	43.2	40.2	46.7	48.5	39.2	34.5	19.6	11.5	10.6	9.27
MAX	33.5	64.5	128	96.6	108	119	116	207	86.3	50.2	37.4	34.5
(WY)	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	13999.8		12061.2			
ANNUAL MEAN	38.3		33.0		28.4	
HIGHEST ANNUAL MEAN					58.0	1991
LOWEST ANNUAL MEAN					12.6	1981
HIGHEST DAILY MEAN	600	Dec 6	600	Dec 6	1200	May 26 1991
LOWEST DAILY MEAN	4.8	Aug 19	4.0	Jul 27	1.4	Oct 5 1986
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 13	4.4	Aug 22	1.6	Sep 30 1986
MAXIMUM PEAK FLOW			1130	Dec 6	2330	May 26 1991
MAXIMUM PEAK STAGE			11.70	Dec 6	13.13	May 26 1991
ANNUAL RUNOFF (CFSM)	2.44		2.10		1.81	
ANNUAL RUNOFF (INCHES)	33.17		28.58		24.58	
10 PERCENT EXCEEDS	66		63		55	
50 PERCENT EXCEEDS	21		20		15	
90 PERCENT EXCEEDS	8.4		5.0		3.7	

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)
Oct. 19	1100	737	9.50	Dec. 9	0945	553	9.19
Dec. 6	2045	*830	*9.63	Aug. 30	0430	366	8.75

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	19	59	24	19	28	36	22	28	8.1	12	10
2	6.7	18	42	23	35	25	27	17	23	7.7	12	8.0
3	6.7	28	37	22	26	24	20	15	17	7.4	7.9	6.9
4	6.5	21	34	22	21	22	18	14	13	7.6	6.7	6.3
5	6.4	16	43	21	19	22	17	14	11	10	6.5	6.0
6	6.2	15	398	28	19	21	92	13	11	13	7.1	5.7
7	6.4	14	344	81	23	26	58	13	11	9.9	11	5.7
8	6.7	13	64	77	29	25	39	12	11	8.4	11	5.7
9	9.0	12	213	34	21	26	32	13	11	7.9	7.8	5.5
10	9.1	12	63	29	19	27	27	14	10	8.0	7.8	5.3
11	17	16	48	27	18	21	27	12	40	56	6.7	5.2
12	39	17	43	25	18	20	36	17	110	21	6.5	5.0
13	15	14	39	61	33	19	26	19	26	13	6.0	5.1
14	12	13	36	35	32	19	24	16	16	13	5.6	5.0
15	10	12	35	29	23	18	21	16	13	13	5.4	6.2
16	9.1	12	34	26	21	18	20	12	11	12	5.2	15
17	10	12	32	24	19	19	19	12	10	12	5.2	9.4
18	11	13	31	23	18	18	18	11	9.6	10	5.4	6.9
19	300	14	30	23	18	18	17	13	8.9	8.9	5.2	6.2
20	42	13	28	22	70	18	16	17	8.6	8.4	4.9	5.8
21	26	16	28	22	49	17	16	13	8.7	8.0	4.8	5.7
22	21	29	64	21	38	27	27	11	8.1	7.7	4.9	5.9
23	32	65	68	19	41	25	20	11	7.6	7.5	5.0	5.6
24	39	152	37	19	40	19	18	11	7.4	6.9	4.8	5.6
25	22	43	33	20	30	18	17	10	7.4	6.7	4.8	35
26	18	35	31	19	27	17	18	9.6	8.1	6.2	4.9	28
27	17	50	29	18	38	25	18	9.3	8.7	6.0	4.8	11
28	25	39	28	18	40	23	16	11	8.2	6.3	4.9	8.6
29	27	33	27	27	---	18	16	11	8.6	7.1	15	7.7
30	18	102	26	21	---	17	37	11	8.9	7.4	123	7.1
31	26	---	25	20	---	17	---	11	---	8.1	17	---
TOTAL	806.4	868	2049	880	804	657	793	410.9	480.8	333.2	339.8	255.1
MEAN	26.0	28.9	66.1	28.4	28.7	21.2	26.4	13.3	16.0	10.7	11.0	8.50
MAX	300	152	398	81	70	28	92	22	110	56	123	35
MIN	6.2	12	25	18	18	17	16	9.3	7.4	6.0	4.8	5.0
MED	15	16	36	23	24	20	20	13	10	8.1	6.0	6.1
CFSM	2.34	2.61	5.95	2.56	2.59	1.91	2.38	1.19	1.44	0.97	0.99	0.77
IN.	2.70	2.91	6.87	2.95	2.69	2.20	2.66	1.38	1.61	1.12	1.14	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	10.6	19.1	29.0	25.0	28.9	31.3	26.5	24.7	15.7	9.60	8.33	8.40
MAX	26.0	46.3	95.7	49.2	78.0	71.3	82.8	134	61.0	19.8	20.9	18.3
(WY)	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	9302.1		8677.2			
ANNUAL MEAN	25.4		23.8		19.6	
HIGHEST ANNUAL MEAN					45.2	1991
LOWEST ANNUAL MEAN					9.80	1986
HIGHEST DAILY MEAN	398	Dec 6	398	Dec 6	984	May 3 1993
LOWEST DAILY MEAN	4.6	Aug 19	4.8	Aug 21	0.82	Aug 18 2000
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 13	4.9	Aug 21	0.84	Aug 18 2000
MAXIMUM PEAK FLOW			830	Dec 6	1510	May 3 1993
MAXIMUM PEAK STAGE			9.63	Dec 6	10.49	May 3 1993
INSTANTANEOUS LOW FLOW			4.1	Aug 26		
ANNUAL RUNOFF (CFSM)	2.29		2.14		1.77	
ANNUAL RUNOFF (INCHES)	31.17		29.08		24.03	
10 PERCENT EXCEEDS	39		39		34	
50 PERCENT EXCEEDS	16		17		12	
90 PERCENT EXCEEDS	7.0		6.3		4.3	

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)
Nov. 24	0300	12,100	24.33	Dec. 23	0045	10,800	23.81
Nov. 30	1600	10,800	23.80	Aug. 30	0500	12,500	25.18
Dec. 6	2000	*15,100	*26.24				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	174	1130	109	95	348	232	80	38	8.1	15	93
2	3.8	219	453	105	441	192	272	51	54	6.7	17	55
3	4.0	272	268	102	342	159	104	44	33	6.1	11	38
4	4.2	161	203	98	155	137	87	35	23	10	9.9	27
5	4.6	94	306	96	117	122	79	33	18	139	8.7	21
6	4.6	75	6190	155	104	106	3080	30	17	71	15	16
7	4.5	66	5170	2080	160	237	1560	28	21	116	185	14
8	3.3	56	736	1740	558	484	726	26	131	22	33	12
9	2.7	48	3750	422	197	228	287	24	90	12	17	10
10	2.9	47	809	242	130	462	180	25	29	8.4	11	9.9
11	517	47	409	200	103	183	364	23	356	894	8.4	9.3
12	780	54	271	190	97	134	1110	21	4010	254	7.2	8.6
13	51	46	203	1710	216	112	248	34	287	65	9.3	7.9
14	23	41	158	706	412	98	158	223	101	168	9.1	7.7
15	12	38	138	270	178	95	115	56	64	633	7.5	314
16	10	37	128	187	131	96	96	29	41	2480	14	78
17	14	37	120	144	103	99	88	20	33	463	8.5	47
18	30	39	114	126	91	89	82	17	26	292	6.7	24
19	2290	54	104	122	87	87	75	17	21	701	5.6	16
20	410	54	94	116	2010	87	68	17	18	582	5.0	13
21	113	47	100	108	1630	83	64	15	16	118	4.4	11
22	74	63	1760	101	698	131	73	13	13	77	4.1	10
23	631	1060	3110	83	555	127	62	13	11	56	4.5	9.4
24	740	4740	462	82	761	95	53	13	8.9	43	5.0	8.6
25	130	540	257	87	265	88	49	11	7.8	38	5.2	2870
26	81	247	196	87	182	82	58	10	7.7	31	4.2	1280
27	63	852	162	77	422	202	58	9.5	8.7	24	3.9	149
28	558	555	143	72	1210	149	46	9.8	7.8	21	7.3	71
29	422	239	135	150	---	107	47	9.1	8.6	20	274	44
30	119	5530	128	149	---	86	375	10	8.5	18	4750	29
31	122	---	119	105	---	80	---	12	---	16	245	---
TOTAL	7228.3	15532	27326	10021	11450	4785	9896	958.4	5509.0	7393.3	5711.5	5303.4
MEAN	233	518	881	323	409	154	330	30.9	184	238	184	177
MAX	2290	5530	6190	2080	2010	484	3080	223	4010	2480	4750	2870
MIN	2.7	37	94	72	87	80	46	9.1	7.7	6.1	3.9	7.7
MED	51	64	203	122	190	112	92	21	22	56	8.7	18
CFSM	1.78	3.95	6.73	2.47	3.12	1.18	2.52	0.24	1.40	1.82	1.41	1.35
IN.	2.05	4.41	7.76	2.85	3.25	1.36	2.81	0.27	1.56	2.10	1.62	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	71.8	235	413	368	465	354	312	283	168	53.1	46.9	33.3
MAX	545	844	1157	1001	1195	652	912	1946	773	282	329	177
(WY)	2002	2002	1992	2002	1990	1994	1991	1991	1997	1989	1992	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	120088.8		111113.9			
ANNUAL MEAN	328		304		233	
HIGHEST ANNUAL MEAN					435	1991
LOWEST ANNUAL MEAN					66.6	1988
HIGHEST DAILY MEAN	8640	Feb 5	6190	Dec 6	15500	May 26 1991
LOWEST DAILY MEAN	2.7	Sep 25	2.7	Oct 9	0.00	Aug 19 1988
ANNUAL SEVEN-DAY MINIMUM	2.9	Sep 21	3.8	Oct 4	0.05	Aug 14 1988
MAXIMUM PEAK FLOW			15100	Dec 6	41500	May 27 1991
MAXIMUM PEAK STAGE			26.24	Dec 6	30.88	May 27 1991
INSTANTANEOUS LOW FLOW			2.4	Oct 9	0.00	Aug 19 1988
ANNUAL RUNOFF (CFSM)	2.50		2.32		1.78	
ANNUAL RUNOFF (INCHES)	34.10		31.55		24.21	
10 PERCENT EXCEEDS	673		632		441	
50 PERCENT EXCEEDS	91		87		45	
90 PERCENT EXCEEDS	5.4		8.6		2.2	

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.--Estimated daily discharges: December 2-5,7,8,10,11 and July 11. Records good except for estimated daily discharges, which are poor. 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)
Oct. 19	1130	*1,060	*11.23	Jan. 7	2200	466	8.97
Nov. 24	0230	477	9.05	Jun. 12	0200	371	8.24
Dec. 7	0615	897	10.89	Aug. 30	0045	644	10.02
Dec. 9	0730	584	9.71	Sep. 25	1945	380	8.32

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	35	89	43	38	39	49	33	51	18	16	19
2	11	35	e65	42	55	36	39	28	40	18	18	15
3	11	47	e67	42	44	35	32	25	31	17	13	13
4	11	39	e63	42	39	34	29	24	25	22	12	12
5	11	35	e83	42	36	33	28	23	21	36	11	11
6	11	34	455	50	35	32	107	23	21	43	12	11
7	11	34	e487	120	39	38	77	22	21	30	16	11
8	12	34	e89	99	44	39	55	21	19	24	17	11
9	16	33	232	56	37	38	46	20	20	22	16	11
10	16	33	e87	50	35	39	41	22	18	23	16	10
11	30	38	e62	47	33	35	42	21	64	e94	12	10
12	53	40	58	44	33	33	55	19	138	37	14	9.7
13	26	35	54	82	47	33	40	18	42	26	10	9.6
14	20	33	50	54	45	33	37	20	29	22	9.1	9.5
15	18	32	50	47	36	31	34	23	23	21	10	12
16	16	32	50	44	33	31	32	19	19	20	9.0	23
17	19	32	50	42	32	32	31	18	18	19	8.1	17
18	22	33	50	43	31	31	30	18	17	18	8.5	12
19	376	36	49	44	31	31	29	20	16	15	7.6	11
20	64	36	49	44	79	31	27	24	15	14	7.0	10
21	44	40	49	42	63	30	27	20	15	13	6.6	11
22	38	61	77	43	46	39	30	18	14	12	6.9	11
23	55	89	85	41	49	35	27	17	13	12	7.0	10
24	61	234	54	41	51	32	26	16	13	11	6.6	11
25	38	66	50	42	39	31	25	15	14	11	6.6	79
26	33	53	48	41	36	29	28	15	17	11	6.6	51
27	31	75	45	39	49	36	26	15	19	13	6.7	24
28	34	68	44	39	48	35	24	25	18	16	7.1	17
29	39	66	44	46	---	31	23	20	20	18	36	15
30	34	139	43	41	---	30	52	21	21	17	178	14
31	39	---	43	40	---	31	---	23	---	21	32	---
TOTAL	1211	1597	2821	1532	1183	1043	1148	646	812	694	542.4	490.8
MEAN	39.1	53.2	91.0	49.4	42.2	33.6	38.3	20.8	27.1	22.4	17.5	16.4
MAX	376	234	487	120	79	39	107	33	138	94	178	79
MIN	11	32	43	39	31	29	23	15	13	11	6.6	9.5
MED	26	36	54	43	39	33	32	20	20	18	10	11
CFSM	2.05	2.79	4.76	2.59	2.21	1.76	2.00	1.09	1.42	1.17	0.92	0.86
IN.	2.36	3.11	5.49	2.98	2.30	2.03	2.24	1.26	1.58	1.35	1.06	0.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	18.4	30.9	43.4	40.2	46.5	49.1	44.5	39.8	25.1	17.2	14.6	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	14249.4		13720.2			
ANNUAL MEAN	38.9		37.6		31.9	
HIGHEST ANNUAL MEAN					65.0	1991
LOWEST ANNUAL MEAN					17.2	1986
HIGHEST DAILY MEAN	487	Dec 7	487	Dec 7	1200	Dec 3 1983
LOWEST DAILY MEAN	9.4	Aug 16	6.6	Aug 21	2.1	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	9.6	Aug 13	6.7	Aug 21	2.7	Aug 17 2000
MAXIMUM PEAK FLOW			1060	Oct 19	2350	May 27 1991
MAXIMUM PEAK STAGE			11.23	Oct 19	12.71	May 27 1991
ANNUAL RUNOFF (CFSM)	2.04		1.97		1.67	
ANNUAL RUNOFF (INCHES)	27.75		26.72		22.70	
10 PERCENT EXCEEDS	62		59		56	
50 PERCENT EXCEEDS	30		31		22	
90 PERCENT EXCEEDS	12		11		8.8	

e Estimated

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.--No estimated daily discharges. Records good. Some regulation by Tennessee-Tombigbee Waterway since 1985. Statistics shown below are for water years 1985 to the current year, except for instantaneous extremes,which are shown for the entire period of record. Telemeter, satellite telemeter, and U.S. Army Corps of Engineers radio telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 25	0500	8,530	18.11	Dec. 7	1900	*29,100	*21.24
Dec. 1	1500	8,980	18.20				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	710	8410	600	523	1950	462	625	190	164	173	3720
2	182	610	7210	564	595	1600	746	512	256	159	187	1950
3	180	687	3940	564	1010	1230	646	445	269	160	173	1060
4	171	767	2110	528	879	964	539	371	229	174	151	604
5	157	643	1430	505	751	784	492	307	193	195	147	389
6	152	553	2800	473	644	665	950	266	170	402	161	295
7	159	466	20900	483	571	596	5850	235	214	408	232	248
8	157	405	17200	4350	933	853	6140	214	176	380	286	206
9	163	347	8540	5500	1050	834	3460	200	296	264	196	168
10	174	301	8720	3060	926	974	1990	189	216	201	179	164
11	181	280	5270	1870	752	962	1370	184	230	482	148	169
12	1090	289	2700	1330	631	802	1730	173	2920	1290	140	170
13	808	294	1760	1400	610	685	1790	163	6180	965	150	164
14	464	275	1250	2910	955	603	1350	189	3900	709	150	175
15	345	253	972	2580	982	529	1030	515	1990	855	151	320
16	271	234	782	1850	843	495	791	305	1070	1370	150	387
17	228	216	675	1330	717	482	636	230	591	3090	172	336
18	199	206	613	991	594	469	536	193	375	3050	184	288
19	1360	204	576	790	516	445	473	168	282	1990	180	243
20	4360	228	526	683	778	439	427	155	225	1730	192	199
21	3210	237	482	621	3390	430	385	140	190	1180	187	173
22	1820	287	574	582	4150	437	357	147	172	659	168	160
23	1040	586	4720	526	2880	603	374	144	159	438	167	166
24	1720	4770	6820	475	2480	597	330	134	158	332	169	169
25	1610	7960	3760	453	1970	583	298	131	177	265	154	298
26	1090	5010	2070	441	1460	551	282	129	180	226	144	2510
27	761	2630	1440	416	1150	511	287	129	182	205	152	2350
28	543	2450	1070	399	1690	595	278	139	169	191	158	1240
29	1120	1810	861	416	---	534	244	152	166	195	202	698
30	937	2280	726	551	---	469	450	160	167	192	2400	449
31	721	---	650	545	---	448	---	164	---	191	5180	---
TOTAL	25554	35988	119557	37786	34430	22119	34693	7208	21692	22112	12583	19468
MEAN	824	1200	3857	1219	1230	714	1156	233	723	713	406	649
MAX	4360	7960	20900	5500	4150	1950	6140	625	6180	3090	5180	3720
MIN	152	204	482	399	516	430	244	129	158	159	140	160
CFSM	1.35	1.96	6.30	1.99	2.01	1.17	1.89	0.38	1.18	1.17	0.66	1.06
IN.	1.55	2.19	7.27	2.30	2.09	1.34	2.11	0.44	1.32	1.34	0.76	1.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	302	604	1469	1371	1812	1498	1064	1006	729	320	276	249
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	493400		393190			
ANNUAL MEAN	1348		1077		887	
HIGHEST ANNUAL MEAN					1837	1991
LOWEST ANNUAL MEAN					353	1988
HIGHEST DAILY MEAN	26800	Feb 7	20900	Dec 7	55100	May 27 1991
LOWEST DAILY MEAN	137	Sep 25	129	May 26	33	Oct 5 1984
ANNUAL SEVEN-DAY MINIMUM	150	May 8	136	May 22	36	Oct 1 1984
MAXIMUM PEAK FLOW			29100	Dec 7	82200	Mar 22 1955
MAXIMUM PEAK STAGE			21.24	Dec 7	27.72	May 27 1991
ANNUAL RUNOFF (CFSM)	2.20		1.76		1.45	
ANNUAL RUNOFF (INCHES)	29.99		23.90		19.70	
10 PERCENT EXCEEDS	2650		2600		1890	
50 PERCENT EXCEEDS	544		482		346	
90 PERCENT EXCEEDS	169		164		120	

02431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.40	10.90	18.08	10.29	9.83	15.59	9.45	10.57	7.69	7.25	7.34	16.85
2	7.41	10.34	17.83	10.07	10.24	14.78	11.09	9.91	8.23	7.21	7.46	15.43
3	7.39	10.77	16.92	9.86	12.45	13.45	10.54	9.50	8.33	7.21	7.33	12.56
4	7.31	11.21	15.75	9.72	11.79	12.22	9.92	9.02	8.02	7.34	7.13	10.17
5	7.19	10.53	14.22	9.52	11.12	11.30	9.64	8.57	7.71	7.52	7.10	8.85
6	7.14	10.01	15.98	9.58	10.53	10.65	11.72	8.27	7.52	9.05	7.23	8.19
7	7.21	9.48	20.00	10.88	10.11	10.26	17.46	8.04	7.89	9.10	7.81	7.84
8	7.19	9.08	19.48	16.86	12.04	11.65	17.59	7.88	7.57	8.91	8.24	7.49
9	7.24	8.69	18.11	17.42	12.68	11.56	16.73	7.76	8.49	8.08	7.53	7.17
10	7.34	8.36	18.15	16.54	12.03	12.27	15.58	7.68	7.89	7.58	7.38	7.13
11	7.40	8.20	17.34	15.38	11.13	12.21	13.99	7.64	7.95	9.42	7.10	7.17
12	12.56	8.27	16.33	13.85	10.46	11.39	14.97	7.54	15.72	13.70	7.03	7.19
13	11.38	8.31	15.15	13.95	10.34	10.76	15.25	7.45	17.60	12.23	7.12	7.14
14	9.46	8.16	13.55	16.49	12.18	10.30	13.93	7.67	16.91	10.89	7.12	7.23
15	8.67	8.00	12.26	16.27	13.31	9.87	12.60	9.98	15.50	11.63	7.14	8.31
16	8.13	7.84	11.29	15.36	11.61	9.66	11.39	8.59	12.69	13.84	7.13	8.83
17	7.80	7.70	10.71	13.83	10.94	9.57	10.55	8.02	10.22	16.56	7.32	8.49
18	7.56	7.62	10.36	12.36	10.25	9.49	9.98	7.71	8.87	16.57	7.43	8.14
19	12.33	7.60	10.14	11.33	9.78	9.34	9.59	7.50	8.21	15.55	7.40	7.80
20	17.09	7.80	9.85	10.76	11.05	9.30	9.30	7.38	7.77	15.13	7.49	7.44
21	16.63	7.87	9.57	10.41	16.63	9.24	9.03	7.24	7.48	13.15	7.46	7.21
22	15.21	8.23	10.10	10.18	17.02	9.29	8.85	7.30	7.33	10.61	7.29	7.09
23	12.59	10.09	16.73	9.85	16.46	10.30	8.97	7.28	7.20	9.29	7.28	7.15
24	14.90	16.84	17.75	9.53	16.20	10.27	8.67	7.18	7.20	8.58	7.29	7.17
25	14.74	17.99	16.85	9.39	15.58	10.19	8.45	7.15	7.37	8.08	7.16	8.05
26	12.81	17.27	15.72	9.32	14.30	9.99	8.34	7.13	7.39	7.78	7.07	15.98
27	11.17	16.30	14.25	9.23	13.13	9.75	8.38	7.13	7.41	7.61	7.14	15.98
28	9.95	16.18	12.77	9.04	14.94	10.25	8.31	7.23	7.30	7.49	7.20	13.39
29	12.94	15.27	11.70	9.15	---	9.90	8.07	7.35	7.27	7.52	7.55	10.78
30	12.08	15.57	10.99	9.99	---	9.49	9.45	7.43	7.27	7.50	15.19	9.30
31	10.96	---	10.57	9.96	---	9.36	---	7.46	---	7.49	17.34	---
MEAN	10.30	10.68	14.47	11.82	12.43	10.76	11.26	7.95	9.13	10.00	7.90	9.38
MAX	17.09	17.99	20.00	17.42	17.02	15.59	17.59	10.57	17.60	16.57	17.34	16.85
MIN	7.14	7.60	9.57	9.04	9.78	9.24	8.07	7.13	7.20	7.21	7.03	7.09

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 9.59 ft, Dec. 7, minimum discharge, 17 ft^3/s, August 24-25, 28-29.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	105	---	180	148	---	180	158	107	49	35	166
2	41	95	---	173	186	---	---	117	---	37	51	117
3	40	126	---	168	---	---	193	103	138	33	42	89
4	38	---	---	163	185	---	174	93	92	33	34	74
5	37	---	---	161	169	---	163	87	70	55	31	63
6	35	155	---	166	161	192	---	82	60	104	29	57
7	34	127	---	---	156	---	---	81	57	89	36	51
8	33	109	---	---	---	---	---	75	54	57	37	47
9	35	93	---	---	193	---	---	70	52	45	33	44
10	41	84	---	---	177	---	---	70	56	40	31	42
11	48	83	---	---	162	---	---	69	58	---	31	39
12	93	148	---	---	157	---	---	62	---	---	30	37
13	109	119	---	---	168	193	---	59	---	190	34	35
14	66	94	---	---	---	---	---	65	178	166	29	34
15	56	82	---	---	---	---	---	192	128	141	30	33
16	51	77	---	---	---	187	184	119	98	121	25	35
17	48	72	---	---	---	191	170	80	79	109	24	43
18	57	70	---	---	190	182	161	69	68	93	24	42
19	---	74	---	---	177	171	151	63	61	81	23	34
20	---	76	---	---	---	167	141	66	55	71	21	31
21	---	72	---	---	---	162	136	63	50	65	20	30
22	---	94	---	197	---	165	144	55	56	61	18	29
23	---	---	---	180	---	---	179	51	47	56	18	30
24	---	---	---	169	---	181	135	49	42	51	18	28
25	---	---	---	168	---	167	123	45	47	47	23	48
26	199	---	---	167	---	160	120	41	44	43	23	---
27	155	---	---	159	---	156	132	39	46	40	20	---
28	146	---	---	149	---	165	111	40	44	37	18	---
29	141	---	---	155	---	166	104	43	38	36	21	150
30	121	---	196	159	---	148	139	42	64	37	---	124
31	109	---	188	150	---	160	---	46	---	36	---	---
TOTAL	---	---	---	---	---	---	---	2294	---	---	---	---
MEAN	---	---	---	---	---	---	---	74.0	---	---	---	---
MAX	---	---	---	---	---	---	---	192	---	---	---	---
MIN	---	---	---	---	---	---	---	39	---	---	---	---
MED	---	---	---	---	---	---	---	66	---	---	---	---
CFSM	---	---	---	---	---	---	---	0.54	---	---	---	---
IN.	---	---	---	---	---	---	---	0.63	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	40.3	118	218	359	477	447	328	152	70.1	52.8	37.5	40.9
MAX	118	714	1132	1027	1095	907	902	681	188	149	124	256
(WY)	1961	1958	1962	1949	1948	1955	1962	1963	1974	1989	1950	1950
MIN	8.70	26.1	41.5	64.4	113	136	60.7	36.3	13.2	12.8	8.82	7.18
(WY)	2001	1944	1944	1956	1978	1985	1986	1992	1988	1990	1988	1954

SUMMARY STATISTICS WATER YEARS 1944 - 2005

ANNUAL MEAN	213	
HIGHEST ANNUAL MEAN	361	1962
LOWEST ANNUAL MEAN	125	1954
HIGHEST DAILY MEAN	10300	Mar 21 1955
LOWEST DAILY MEAN	4.0	Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	4.5	Aug 27 1988
ANNUAL RUNOFF (CFSM)	1.56	
ANNUAL RUNOFF (INCHES)	21.25	
10 PERCENT EXCEEDS	412	
50 PERCENT EXCEEDS	96	
90 PERCENT EXCEEDS	24	

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: January 30-31. 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)
Nov. 24	1230	16,200	17.26	Dec. 8	2015	*44,700	*23.25
Nov. 26	0000	17,000	16.30	Dec. 11	1700	20,400	17.28
Dec. 3	1300	12,900	14.89	Jun. 12	0900	18,900	16.99

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	277	1390	8940	1940	1380	3720	862	947	504	391	606	4240
2	287	1390	8670	2020	1560	3800	2290	1370	893	385	392	4950
3	290	878	12100	1610	2340	2810	1640	1170	963	385	391	3990
4	290	2190	9900	1310	2080	2420	1220	733	506	388	366	2400
5	381	1150	6310	1890	1820	2110	1140	598	885	629	342	1080
6	276	1710	9600	1210	1640	1770	2670	539	401	710	419	650
7	266	904	21700	1640	1410	1580	9940	500	591	931	380	697
8	265	953	39200	8740	1720	1950	8660	602	422	600	421	431
9	657	552	40400	6160	2080	2330	11200	616	523	778	462	388
10	293	480	26500	8170	2010	2250	8850	900	526	915	383	380
11	308	753	20700	8220	1760	1760	5930	402	973	2270	359	367
12	1280	909	13900	5480	1180	1820	4160	397	14000	2340	331	370
13	1950	446	9250	4640	1340	1880	3690	522	8170	1860	309	368
14	1300	435	6030	6810	2960	1640	3150	853	7850	1860	312	359
15	633	411	3550	4960	2420	1800	2540	965	7580	1260	312	364
16	502	395	2910	5320	2370	1400	2170	794	4620	1300	318	537
17	541	787	2690	4520	1630	1230	1580	519	2550	2190	311	571
18	384	368	1960	3490	1350	861	1410	437	1240	2380	336	1040
19	3010	454	2060	2730	1470	828	1100	430	762	3170	346	479
20	5080	526	1830	2250	1710	1530	1170	403	842	3130	336	432
21	9050	441	1680	1920	4900	1310	1140	563	1210	2460	338	400
22	7350	938	1430	1810	4600	948	934	365	541	1840	337	379
23	5210	2410	5320	1710	6140	1620	873	359	642	1050	325	352
24	4350	13300	4820	1540	7820	1540	1070	550	578	659	320	350
25	2760	14300	7540	1320	5550	964	910	345	417	529	321	1440
26	2770	15400	8140	1340	4530	965	1300	340	876	463	310	6170
27	2170	12500	5340	1290	3770	1320	905	337	573	470	301	2980
28	1640	9460	3360	1300	4490	862	861	337	422	402	333	3450
29	1150	6350	2540	1440	---	940	671	349	952	606	1100	3310
30	1820	7060	2490	e1380	---	1310	1670	449	446	624	6810	1340
31	1630	---	2060	e1210	---	1170	---	369	---	500	5230	---
TOTAL	58170	99240	292920	99370	78030	52438	85706	18060	61458	37475	23157	44264
MEAN	1876	3308	9449	3205	2787	1692	2857	583	2049	1209	747	1475
MAX	9050	15400	40400	8740	7820	3800	11200	1370	14000	3170	6810	6170
MIN	265	368	1430	1210	1180	828	671	337	401	385	301	350
MED	1150	924	6030	1920	2040	1580	1500	519	802	778	338	554
CFSM	1.53	2.70	7.71	2.61	2.27	1.38	2.33	0.48	1.67	0.99	0.61	1.20
IN.	1.77	3.01	8.89	3.02	2.37	1.59	2.60	0.55	1.86	1.14	0.70	1.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	680	1207	3201	2944	3710	3389	2595	2449	1595	708	524	630
MAX	1981	3666	9449	7248	9187	6211	7958	17810	8068	1900	1200	1770
(WY)	2003	1987	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	1041724		950288			
ANNUAL MEAN	2846		2604		1961	
HIGHEST ANNUAL MEAN					4530	1991
LOWEST ANNUAL MEAN					613	1988
HIGHEST DAILY MEAN	40400	Dec 9	40400	Dec 9	89500	May 28 1991
LOWEST DAILY MEAN	265	Oct 8	265	Oct 8	54	Oct 7 1984
ANNUAL SEVEN-DAY MINIMUM	294	Oct 2	294	Oct 2	83	Oct 1 1984
MAXIMUM PEAK FLOW			44700	Dec 8	101000	May 28 1991
MAXIMUM PEAK STAGE			23.25	Dec 8	27.49	May 28 1991
INSTANTANEOUS LOW FLOW			265	Oct 7,8	102	Oct 9 1985
ANNUAL RUNOFF (CFSM)	2.32		2.12		1.60	
ANNUAL RUNOFF (INCHES)	31.61		28.83		21.73	
10 PERCENT EXCEEDS	6320		6530		4430	
50 PERCENT EXCEEDS	1320		1280		778	
90 PERCENT EXCEEDS	332		359		268	

e Estimated

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.71	5.69	13.55	6.52	5.83	9.10	5.29	5.41	4.64	4.20	4.64	9.67
2	3.74	5.68	12.88	6.64	6.17	9.17	7.35	6.02	5.32	4.18	4.20	10.23
3	3.75	4.96	14.56	6.00	7.37	8.07	6.39	5.73	5.43	4.18	4.20	9.24
4	3.75	6.88	13.56	5.55	6.93	7.54	5.78	5.08	4.65	4.19	4.13	7.30
5	3.98	5.33	11.27	6.42	6.56	7.08	5.67	4.84	5.25	4.66	4.06	5.39
6	3.71	6.16	14.39	5.41	6.29	6.60	7.98	4.72	4.41	4.78	4.23	4.74
7	3.67	4.98	19.69	6.31	5.97	6.31	14.30	4.64	4.80	5.17	4.15	4.79
8	3.67	5.05	22.58	13.99	6.48	6.90	13.00	4.82	4.46	4.65	4.27	4.29
9	4.57	4.40	22.38	11.31	6.99	7.39	14.21	4.79	4.68	4.92	4.36	4.19
10	3.76	4.25	19.50	12.60	6.90	7.44	13.06	5.24	4.69	5.10	4.17	4.17
11	3.81	4.66	17.39	12.65	6.52	6.60	11.18	4.41	5.22	7.42	4.11	4.13
12	5.55	4.92	15.24	10.59	5.68	6.69	10.11	4.40	15.69	7.30	4.03	4.14
13	6.51	4.17	13.21	10.13	5.94	6.77	9.07	4.66	12.71	6.54	3.97	4.13
14	5.57	4.14	11.06	11.82	8.23	6.40	8.47	5.21	12.45	6.54	3.98	4.11
15	4.55	4.09	8.60	10.13	7.49	6.64	7.71	5.41	12.27	5.65	3.98	4.13
16	4.29	4.04	7.85	10.49	7.45	6.03	7.17	5.17	9.88	5.70	4.00	4.52
17	4.34	4.82	7.56	9.68	6.40	5.80	6.30	4.68	7.50	7.10	3.98	4.60
18	4.02	3.97	6.55	8.55	5.97	5.28	6.04	4.50	5.62	7.36	4.05	5.30
19	7.58	4.15	6.70	7.67	6.16	5.23	5.61	4.48	4.94	8.32	4.08	4.40
20	10.76	4.33	6.35	7.03	6.65	6.26	5.71	4.41	5.04	8.28	4.05	4.30
21	13.07	4.14	6.11	6.56	10.70	5.93	5.67	4.75	5.58	7.42	4.05	4.22
22	12.04	5.01	5.72	6.39	9.99	5.39	5.39	4.32	4.53	6.51	4.05	4.16
23	10.36	7.42	11.66	6.25	11.35	6.36	5.30	4.30	4.72	5.35	4.02	4.09
24	9.64	15.99	10.10	6.00	12.49	6.26	5.57	4.69	4.61	4.76	4.00	4.09
25	7.66	15.75	12.19	5.68	10.85	5.43	5.36	4.26	4.26	4.51	4.00	5.52
26	7.65	15.77	12.59	5.71	9.92	5.43	5.91	4.25	5.04	4.37	3.97	11.22
27	6.82	14.72	10.49	5.65	9.12	5.92	5.35	4.24	4.57	4.37	3.94	7.97
28	6.05	13.26	8.39	5.68	9.94	5.29	5.28	4.24	4.27	4.22	4.03	8.55
29	5.34	11.37	7.37	5.90	---	5.40	4.95	4.27	5.14	4.59	5.42	8.36
30	6.31	12.25	7.30	---	---	5.90	6.47	4.50	4.32	4.70	13.16	5.66
31	6.04	---	6.70	---	---	5.72	---	4.33	---	4.45	11.04	---
MEAN	6.01	7.08	11.73	---	7.73	6.46	7.52	4.73	6.22	5.53	4.66	5.72
MAX	13.07	15.99	22.58	---	12.49	9.17	14.30	6.02	15.69	8.32	13.16	11.22

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.--No estimated daily discharges. Records good. 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)
Nov. 23	2345	33,500	20.49	Jan. 13	1330	16,500	19.40
Nov. 30	1600	19,000	20.99	Feb. 24	0100	15,200	19.15
Dec. 7	1200	*38,200	*27.43	Apr. 6	1600	28,000	21.24
Dec. 22	2245	31,400	21.05	Jun. 12	0100	21,100	19.75
Jan. 7	2030	31,000	20.48	Aug. 30	0030	37,300	20.40

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	643	5520	573	462	1520	1240	749	265	75	109	1540
2	85	562	2800	532	1760	1020	1020	438	329	70	98	964
3	83	1220	2020	502	1640	844	502	338	204	66	110	637
4	81	955	1570	491	860	735	390	288	142	478	88	443
5	80	542	1460	473	645	652	339	250	116	1030	80	344
6	79	424	19100	472	560	561	9080	223	354	1460	77	280
7	77	369	34100	5420	562	581	6940	208	313	481	119	238
8	77	322	9520	10900	1600	1170	3330	187	160	243	161	189
9	85	289	17500	2640	961	888	1790	172	165	169	106	159
10	98	268	6400	1670	677	1930	1300	171	116	141	89	141
11	288	254	3620	1210	537	867	1200	161	518	3180	79	124
12	2630	283	2790	999	491	662	5460	145	12100	1110	76	109
13	457	255	2290	6460	836	561	1770	134	2470	386	74	101
14	219	237	1810	3790	1960	653	1160	889	1030	470	65	91
15	161	225	1460	1720	852	480	894	2180	620	731	63	83
16	137	222	1190	1210	671	453	722	421	430	1480	62	123
17	128	217	1010	930	525	448	613	313	341	1700	74	142
18	146	222	819	801	454	408	537	261	276	1250	131	103
19	5280	221	679	720	418	389	483	225	230	448	79	82
20	4660	240	581	663	2310	395	502	204	197	1530	63	72
21	1770	259	551	615	4940	377	476	176	169	1010	60	70
22	1140	563	3270	563	1960	693	438	159	148	533	57	296
23	1030	5340	10500	477	1680	777	417	145	125	314	54	82
24	3360	18600	2660	443	4820	483	310	133	111	245	55	56
25	1190	4500	1720	440	1400	404	283	123	103	203	52	2270
26	804	2720	1330	432	1060	371	276	110	94	173	82	3640
27	585	4300	1020	399	1330	418	279	100	98	153	49	790
28	1600	3230	844	399	3680	445	245	107	97	178	52	438
29	1350	1820	749	508	---	401	232	107	92	195	462	286
30	641	9230	694	556	---	344	1630	109	80	148	18900	214
31	549	---	632	486	---	320	---	114	---	133	3410	---
TOTAL	28955	58532	140209	47494	39651	20250	43858	9340	21493	19783	25036	14107
MEAN	934	1951	4523	1532	1416	653	1462	301	716	638	808	470
MAX	5280	18600	34100	10900	4940	1930	9080	2180	12100	3180	18900	3640
MIN	77	217	551	399	418	320	232	100	80	66	49	56
CFSM	1.51	3.15	7.29	2.47	2.28	1.05	2.36	0.49	1.16	1.03	1.30	0.76
IN.	1.74	3.51	8.41	2.85	2.38	1.22	2.63	0.56	1.29	1.19	1.50	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	199	729	1455	1684	1956	2102	1544	1037	534	369	199	231
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	536979		468708			
ANNUAL MEAN	1467		1284		999	
HIGHEST ANNUAL MEAN					2342	1991
LOWEST ANNUAL MEAN					306	1954
HIGHEST DAILY MEAN	34100	Dec 7	34100	Dec 7	95300	Mar 22 1955
LOWEST DAILY MEAN	77	Oct 7	49	Aug 27	1.0	Sep 14 1942
ANNUAL SEVEN-DAY MINIMUM	80	Oct 2	57	Aug 22	1.6	Oct 8 1942
MAXIMUM PEAK FLOW			38200	Dec 7	151000	Mar 22 1955
MAXIMUM PEAK STAGE			27.43	Dec 7	33.88a	Mar 22 1955
ANNUAL RUNOFF (CFSM)	2.37		2.07		1.61	
ANNUAL RUNOFF (INCHES)	32.22		28.12		21.89	
10 PERCENT EXCEEDS	3270		2750		2200	
50 PERCENT EXCEEDS	539		453		214	
90 PERCENT EXCEEDS	103		85		22	

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: Jul. 15, Aug. 28 and Sept. 11, 14-20, 22-23, 26. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	805	3030	22800	3030	3230	7070	2830	2510	1780	528	1390	8000
2	564	2920	13000	3310	4120	6740	5660	2760	2770	417	1020	7520
3	867	2960	14200	2700	5720	5090	3150	2770	2320	878	434	6110
4	646	4680	12500	1660	3690	4100	2810	1700	1560	387	926	3580
5	800	2800	9670	3110	2430	3710	2120	836	2030	2580	674	2030
6	1060	3320	25600	2000	2350	3530	11500	1370	1080	4650	953	1560
7	566	1970	54400	5190	2960	3380	29200	1040	2310	2390	883	1640
8	685	2380	62900	26400	4910	4400	15900	1870	963	1260	1050	461
9	1700	1520	61400	10200	4760	4350	13700	964	1690	1460	814	1040
10	990	1290	50600	9560	3590	6600	12200	1790	1160	1650	440	579
11	1020	1920	26500	9330	3280	3960	9790	890	5050	6480	918	e397
12	5770	2270	18500	7110	2430	3550	13200	831	32400	7240	356	493
13	3230	1530	12900	12800	2750	3530	8200	1210	19400	3590	349	609
14	2520	1700	9170	15500	7850	3640	6200	2220	10900	3400	332	e736
15	1250	1310	6690	8910	5040	3170	5090	7060	10400	e3240	414	e400
16	1560	1640	5180	8100	4490	2560	4190	2150	6480	2960	317	e1120
17	1550	1790	4640	7370	3470	2770	3240	1260	3680	5960	445	e1240
18	859	872	3620	5980	3100	1780	3020	1290	1770	5110	396	e1600
19	8840	1900	3480	4780	3210	1670	2370	1580	2120	4530	492	e994
20	15900	1770	3100	4150	4010	2760	2510	1170	1270	5580	570	e741
21	11600	1690	3010	3740	15200	2880	2080	1730	1320	4450	450	624
22	11200	2760	3280	4050	8810	2720	2490	762	710	3400	577	e738
23	8240	10100	21900	2460	9530	4000	1820	863	1040	2010	349	e780
24	10800	38900	10500	2280	13500	3170	2080	1240	591	1390	390	411
25	5890	29000	10500	2430	9210	2420	1850	727	577	1090	369	2440
26	4830	18800	11200	2510	7480	2170	2160	907	927	747	219	e21100
27	3970	17600	7870	2280	6770	2760	1560	482	994	1080	658	7540
28	5120	15300	5150	1870	11100	2570	1190	463	569	988	e279	5480
29	3970	10300	3880	2620	---	2080	1280	1100	890	544	2910	4860
30	3430	17900	3750	2410	---	2710	4620	1120	890	1220	21900	1760
31	3180	---	3090	2560	---	2950	---	1240	---	1080	20800	---
MEAN	3981	6864	16290	5819	5678	3509	5934	1545	3988	2654	2002	2886
MAX	15900	38900	62900	26400	15200	7070	29200	7060	32400	7240	21900	21100
MIN	564	872	3010	1660	2350	1670	1190	463	569	387	219	397

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	1699	2953	6320	6135	7692	6885	5394	4917	3491	2000	1326	1269
MAX	4594	8154	16290	13090	17580	11750	16630	29390	14180	10680	3496	3711
(WY)	2003	1987	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL MEAN	5782		5093		4182	
HIGHEST ANNUAL MEAN					8424	1991
LOWEST ANNUAL MEAN					1781	1988
HIGHEST DAILY MEAN	62900	Dec 8	62900	Dec 8	103000	May 28 1991
LOWEST DAILY MEAN	173	Sep 28	219	Aug 26	77	Jun 15 1985
ANNUAL SEVEN-DAY MINIMUM	465	Sep 26	373	Aug 12	138	Sep 16 1984
MAXIMUM PEAK FLOW			65600	Dec 9	123000	Mar 18 1973
MAXIMUM PEAK STAGE			31.36	Dec 10	45.02	Mar 18 1973
10 PERCENT EXCEEDS	12900		11500		9760	
50 PERCENT EXCEEDS	3030		2700		2010	
90 PERCENT EXCEEDS	859		618		556	

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

REMARKS.--Estimated daily discharges: March 3-9. 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)
Nov. 26	0215	*36,000	*19.48	Apr. 9	0215	11,200	16.12
Dec. 3	0245	10,400	15.93	Sep. 27	2000	9,250	15.53
Dec. 9	0230	23,000	18.37				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264	659	4960	1010	978	2710	1600	1530	1040	397	632	3530
2	255	606	7180	980	1050	2830	1900	1690	1860	366	504	4700
3	269	782	9440	955	1420	e2150	1970	1140	2570	372	452	2210
4	302	1590	6180	933	1640	e1720	1680	911	2780	345	431	932
5	284	2020	3890	915	1390	e1400	1380	820	1410	357	389	744
6	247	1750	3140	908	1200	e1210	1700	759	879	619	355	644
7	225	1120	5120	933	1100	e1220	3480	716	748	992	335	563
8	212	898	15600	1330	1240	e1400	7200	687	671	778	346	505
9	219	784	19200	2230	1540	e1850	9770	656	645	579	360	462
10	269	698	12500	2950	1550	1770	6190	623	697	459	344	432
11	387	661	14900	2400	1340	1740	3760	597	908	1140	345	414
12	500	731	8680	1720	1180	1600	3220	572	3140	2290	387	388
13	676	846	5670	1860	1110	1410	3330	537	3810	3230	351	361
14	693	814	3950	2600	1340	1340	3810	512	4690	3440	348	343
15	501	712	3080	3510	2070	1540	3790	611	4300	2360	316	333
16	408	641	2400	4760	2420	1540	2640	945	2070	1680	329	340
17	357	593	2000	3520	1940	1370	1840	810	1160	1280	306	405
18	325	572	1790	2170	1560	1280	1510	630	887	1000	296	401
19	319	565	1630	1680	1330	1200	1330	546	760	860	285	364
20	621	576	1480	1490	1240	1140	1200	512	680	760	280	338
21	1670	613	1350	1390	1580	1100	1090	475	608	898	246	314
22	1920	882	1280	1300	2390	1090	1030	466	548	1390	227	295
23	1060	1620	1360	1200	3050	1320	1060	437	515	959	214	285
24	1040	6230	1660	1100	2970	1690	1150	407	465	743	228	280
25	1050	20300	1630	1020	2850	1470	970	383	428	643	330	380
26	968	25400	1340	1000	2850	1240	896	351	417	560	364	2050
27	783	10000	1240	989	2260	1150	902	323	482	500	300	7130
28	694	6170	1160	952	2220	1140	909	308	562	464	250	8250
29	849	4540	1100	944	---	1140	831	447	459	437	280	5190
30	927	4620	1060	1020	---	1090	1040	726	410	662	1750	1650
31	744	---	1030	1050	---	1170	---	681	---	840	2580	---
TOTAL	19038	97993	147000	50819	48808	46020	73178	20808	40599	31400	14160	44233
MEAN	614	3266	4742	1639	1743	1485	2439	671	1353	1013	457	1474
MAX	1920	25400	19200	4760	3050	2830	9770	1690	4690	3440	2580	8250
MIN	212	565	1030	908	978	1090	831	308	410	345	214	280
MED	500	830	2400	1200	1540	1370	1640	611	754	760	344	423
CFSM	0.77	4.09	5.94	2.05	2.18	1.86	3.06	0.84	1.70	1.27	0.57	1.85
IN.	0.89	4.57	6.85	2.37	2.28	2.15	3.41	0.97	1.89	1.46	0.66	2.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

MEAN	519	1028	1999	2376	2406	2730	2276	1788	888	586	414	414
MAX	2349	3266	5698	4954	5459	6815	6130	8329	5020	1880	1267	1474
(WY)	1976	2005	1968	1974	1991	1980	1991	1991	1997	1994	2003	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1966 - 2005	
ANNUAL TOTAL	675737		634056			
ANNUAL MEAN	1846		1737		1448	
HIGHEST ANNUAL MEAN					2747	1991
LOWEST ANNUAL MEAN					503	1988
HIGHEST DAILY MEAN	25800	Feb 7	25400	Nov 26	63900	Mar 17 1973
LOWEST DAILY MEAN	202	Aug 19	212	Oct 8	56	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	234	Aug 15	251	Oct 3	59	Sep 2 2000
MAXIMUM PEAK FLOW			36000	Nov 26	80000	Mar 17 1973
MAXIMUM PEAK STAGE			19.48	Nov 26	23.48	Mar 17 1973
INSTANTANEOUS LOW FLOW			207	Oct 8,9	54	Sep 6 2000
ANNUAL RUNOFF (CFSM)	2.31		2.18		1.82	
ANNUAL RUNOFF (INCHES)	31.50		29.56		24.66	
10 PERCENT EXCEEDS	3950		3510		3120	
50 PERCENT EXCEEDS	880		1020		769	
90 PERCENT EXCEEDS	300		342		226	

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: Dec. 13, Mar. 5,8, 12-13,21,23,27, Apr. 1,8, 14-15, 19, 22-23, 25,26, May 2-4, 10,11,20, Jun. 2-7, 14, 17-19, 21,25, 27-29, Jul. 2,3,6,15, 20-21, 24,28, Aug. 3-8, 10,17,22,26, and Aug. 30 - Sept. 7, 12-19. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	891	3270	48100	4280	4200	14500	e5380	5000	2430	1060	1830	e24100
2	1210	3940	27100	4560	9390	13500	11600	e4060	e3900	e1180	1610	e14100
3	1270	6100	28300	2970	13000	8820	8070	e4150	e4740	e1120	e1350	e12300
4	1040	7450	29100	3170	9240	7210	5630	e3050	e3280	1100	e951	e8490
5	992	5680	17700	4560	7170	e5970	4460	2310	e4890	1050	e1340	e4870
6	1260	5160	32200	3360	4930	5340	16900	1700	e1730	e3860	e1380	e3180
7	933	3800	70400	4520	5020	5410	58500	2090	e4250	4100	e1480	e2990
8	770	3640	73400	30700	12700	e8860	e42000	2320	2080	2600	e1610	1500
9	2030	2230	80500	20600	10700	7870	34700	2120	2970	1810	1260	1580
10	1400	2350	98500	17200	8260	10300	33000	e2600	1990	2760	e968	693
11	1410	2740	68000	20100	5630	7370	20600	e1990	9050	12200	1150	1070
12	7880	3500	52900	13600	4620	e6380	34900	1170	65100	13000	1280	e813
13	4780	2380	e34400	16800	4150	e5360	e26500	1780	47600	9720	842	e1010
14	2770	2730	19300	30400	11800	6410	e20700	2720	e23500	8650	577	e1260
15	1950	2090	12800	17700	9940	5870	16000	8670	19200	e14100	554	e927
16	2140	2170	9310	18000	8120	5240	10600	2890	12000	8330	1040	e1490
17	1990	2170	8270	15700	6220	5510	6500	2940	e6720	9260	e751	e2140
18	999	1940	6630	10000	5660	3610	4620	1540	e2840	5900	1010	e2670
19	6080	2260	5960	6450	4020	3990	e4290	2310	e3270	6740	e990	e2270
20	17400	2440	4680	5700	5240	4160	3940	e1760	2180	e6020	994	1090
21	12800	2970	4940	5460	19300	e4370	4120	1850	e2740	e4860	765	830
22	12900	7190	4280	4500	13800	5020	e3490	1560	1420	4440	e1040	948
23	10600	17100	22400	4250	14700	e8950	e3060	1480	1890	3260	893	727
24	22300	62600	16000	3680	25200	6460	3840	1590	1230	e2650	552	920
25	12100	60400	14000	3810	17800	4720	e2510	1200	e1480	1600	727	5170
26	9870	51100	15400	4020	14000	4170	e3380	1050	1350	1580	e416	41100
27	5640	60300	9990	3210	11600	e4750	3090	1020	e1990	1380	506	16000
28	4420	48400	7120	2940	19900	4420	2120	1110	e964	e1890	468	15600
29	6150	24900	5340	4040	---	3290	2140	1860	e798	2240	2160	17500
30	5360	30800	5190	3240	---	4650	6760	2580	807	1440	e25700	8200
31	5140	---	4350	3540	---	4880	---	2350	---	2050	e55000	---
TOTAL	166475	433800	836560	293060	286310	197360	403400	74820	238389	141950	111194	195538
MEAN	5370	14460	26990	9454	10230	6366	13450	2414	7946	4579	3587	6518
MAX	22300	62600	98500	30700	25200	14500	58500	8670	65100	14100	55000	41100
MIN	770	1940	4280	2940	4020	3290	2120	1020	798	1050	416	693
CFSM	1.21	3.26	6.08	2.13	2.30	1.43	3.03	0.54	1.79	1.03	0.81	1.47
IN.	1.39	3.63	7.01	2.46	2.40	1.65	3.38	0.63	2.00	1.19	0.93	1.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	2517	4804	12590	12040	14830	12990	11830	10120	5907	3196	2022	1940
MAX	7208	14460	36640	26290	33900	22820	37260	56740	24690	12310	6482	6518
(WY)	2003	2005	1983	1989	1991	1995	1983	1991	1997	1994	2003	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	3777936		3378856			
ANNUAL MEAN	10320		9257		7865	
HIGHEST ANNUAL MEAN					15970	1991
LOWEST ANNUAL MEAN					2742	1988
HIGHEST DAILY MEAN	98500	Dec 10	98500	Dec 10	166000	May 29 1991
LOWEST DAILY MEAN	414	Sep 30	416	Aug 26	120	Sep 25 1984
ANNUAL SEVEN-DAY MINIMUM	863	Aug 14	657	Aug 22	170	Oct 20 1981
MAXIMUM PEAK FLOW			104000	Dec 10	194000	Mar 19 1973
MAXIMUM PEAK STAGE			62.28	Dec 10	42.22	Mar 19 1973
ANNUAL RUNOFF (CFSM)	2.32		2.08		1.77	
ANNUAL RUNOFF (INCHES)	31.65		28.31		24.07	
10 PERCENT EXCEEDS	28000		22300		19200	
50 PERCENT EXCEEDS	4560		4290		3250	
90 PERCENT EXCEEDS	1280		1050		743	

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, 31.15 ft, Dec. 10, minimum daily, 7.88 ft, Jan. 3.

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	8.21	17.83	8.20	8.25	10.59	8.59	8.44	8.56	8.18	8.13	11.95
2	---	8.15	14.07	8.24	9.35	10.17	9.62	8.39	8.48	8.20	8.18	11.35
3	---	8.46	13.65	7.88	10.24	9.16	9.04	8.40	8.62	8.21	8.23	11.11
4	---	8.63	13.93	8.03	9.29	8.78	8.62	8.20	8.56	8.21	8.21	9.74
5	---	8.37	11.31	8.23	8.87	8.56	8.46	8.06	8.57	8.44	8.24	8.23
6	---	8.33	13.35	8.03	8.40	8.39	10.69	8.09	8.13	8.55	8.14	8.14
7	---	8.19	21.86	8.14	8.38	8.42	20.23	8.04	8.30	8.31	8.10	8.08
8	---	8.00	25.57	13.07	10.12	9.08	19.18	8.15	8.14	8.26	8.19	8.02
9	---	7.97	28.44	12.17	9.80	8.83	17.16	8.02	8.23	8.22	8.12	8.12
10	---	8.08	30.90	10.73	9.21	9.39	15.73	8.14	8.19	8.16	8.07	7.89
11	---	8.11	28.13	11.47	8.63	8.77	12.40	8.02	9.20	10.25	8.14	8.00
12	---	8.08	22.24	10.34	8.43	8.67	14.88	7.92	20.79	11.01	8.08	7.97
13	8.31	7.90	16.23	10.43	8.35	8.40	14.24	8.14	20.50	10.60	8.05	8.09
14	8.06	8.04	11.77	14.40	9.64	8.48	12.38	8.06	13.66	9.71	8.04	8.04
15	7.97	7.95	9.90	11.48	9.41	8.46	11.11	8.78	11.81	10.49	8.00	7.94
16	8.03	8.05	9.13	11.25	8.95	8.38	9.72	8.06	10.01	9.30	8.11	8.07
17	8.03	8.00	8.82	10.65	8.53	8.41	8.77	8.05	8.74	9.17	8.03	8.07
18	7.94	7.96	8.53	9.16	8.48	8.16	8.47	7.90	8.22	8.85	8.00	8.01
19	8.49	8.05	8.40	8.47	8.19	8.29	8.50	8.04	8.26	8.81	8.04	7.98
20	10.58	7.92	8.27	8.51	8.39	8.26	8.29	7.94	8.22	8.85	8.14	8.05
21	9.39	8.08	8.30	8.47	11.04	8.23	8.28	7.99	8.17	8.49	7.99	7.93
22	9.53	8.52	8.18	8.24	10.13	8.43	8.26	8.06	8.14	8.36	8.09	8.08
23	9.04	10.64	11.26	8.09	10.17	9.08	8.20	7.94	8.20	8.24	8.07	7.93
24	11.88	19.44	10.74	8.22	12.63	8.74	8.23	7.93	8.08	8.27	8.11	8.02
25	9.65	22.15	9.80	8.19	11.42	8.33	8.22	7.89	8.17	8.06	8.05	8.50
26	9.14	19.49	10.29	8.23	10.40	8.22	8.23	7.94	8.14	8.09	7.97	14.93
27	8.36	20.72	9.13	7.98	9.67	8.36	8.21	7.90	8.19	8.20	8.07	11.34
28	8.21	18.63	8.63	8.08	11.61	8.28	8.09	7.90	8.19	8.25	7.93	10.57
29	8.42	13.51	8.19	8.26	---	8.17	8.19	8.01	8.23	8.18	8.66	11.15
30	8.31	13.41	8.27	8.03	---	8.32	8.67	8.09	8.18	8.11	17.04	9.26
31	8.28	---	8.17	8.13	---	8.38	---	8.07	---	8.23	17.47	---
MEAN	---	10.57	13.65	9.32	9.50	8.65	10.62	8.08	9.50	8.72	8.70	9.02
MAX	---	22.15	30.90	14.40	12.63	10.59	20.23	8.78	20.79	11.01	17.47	14.93
MIN	---	7.90	8.17	7.88	8.19	8.16	8.09	7.89	8.08	8.06	7.93	7.89
MED	---	8.17	10.74	8.24	9.32	8.42	8.64	8.05	8.23	8.27	8.10	8.08

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.--Estimated daily discharges: Feb. 4,12 and Sept. 2-5. 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.--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)
Dec.10	2000	*15,700	*20.00	Apr. 8	1900	10,200	15.62

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	172	484	3100	670	850	2200	1190	1750	1260	388	463	3340
2	167	421	3350	661	1420	2070	1800	2410	1900	389	393	e2500
3	170	488	3650	638	2010	1700	2030	2270	3320	337	340	e1600
4	180	1010	3060	617	e2250	1460	1770	1870	3170	340	299	e980
5	180	1270	2480	599	1890	1240	1430	1260	2230	351	261	e620
6	174	1280	2300	622	1560	1080	2020	917	1410	330	237	534
7	166	1010	4480	674	1280	991	5440	769	870	428	224	466
8	157	763	8540	1260	1960	1310	9190	674	698	481	239	401
9	158	584	13500	1410	2450	1480	8280	608	824	450	219	344
10	175	484	15600	1570	2580	1510	4740	571	720	363	242	296
11	236	430	13000	1380	2040	1360	3350	537	1250	1320	325	259
12	448	434	6240	1170	e1670	1240	3730	504	4780	2300	341	228
13	593	465	3500	1400	1380	1120	3800	464	4920	3820	318	213
14	529	564	2570	2450	1460	1260	3840	422	4780	3160	272	203
15	497	586	2010	3180	1530	1190	3250	466	3450	2750	245	196
16	402	527	1660	2830	1530	1270	2600	656	2270	2180	253	191
17	324	449	1440	2240	1360	1300	2060	679	1440	1770	235	216
18	279	397	1280	1690	1160	1330	1700	603	932	1230	204	253
19	255	373	1150	1300	997	1220	1460	482	697	903	200	310
20	248	359	1040	1080	913	1100	1300	369	567	709	228	294
21	277	409	965	979	1150	1020	1180	353	479	554	202	248
22	280	679	917	913	1390	1040	1100	323	413	464	174	220
23	349	1630	922	835	1590	1380	998	298	363	431	167	200
24	1560	3300	907	767	2180	1440	945	274	325	416	196	188
25	1600	4480	922	718	2320	1390	931	247	294	360	223	215
26	1320	5080	885	679	2290	1240	904	229	279	312	208	572
27	994	3910	819	656	1920	1130	914	210	270	277	185	1220
28	768	3310	763	640	2200	1070	923	196	276	286	166	2520
29	631	2820	719	694	---	1020	899	219	276	474	292	1710
30	520	2640	690	770	---	951	1290	300	304	609	2720	1300
31	504	---	673	842	---	920	---	553	---	637	2740	---
TOTAL	14313	40636	103132	35934	47330	40032	75064	21483	44767	28819	12811	21837
MEAN	462	1355	3327	1159	1690	1291	2502	693	1492	930	413	728
MAX	1600	5080	15600	3180	2580	2200	9190	2410	4920	3820	2740	3340
MIN	157	359	673	599	850	920	899	196	270	277	166	188
MED	280	585	1660	842	1580	1240	1740	504	847	464	239	303
AC-FT	28390	80600	204600	71280	93880	79400	148900	42610	88800	57160	25410	43310
CFSM	0.65	1.89	4.65	1.62	2.36	1.81	3.50	0.97	2.09	1.30	0.58	1.02
IN.	0.74	2.11	5.37	1.87	2.46	2.08	3.91	1.12	2.33	1.50	0.67	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	401	823	1436	1929	2031	2331	2029	1289	671	505	297	308
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	499933		486158			
ANNUAL MEAN	1366		1332		1169	
HIGHEST ANNUAL MEAN					2277	1991
LOWEST ANNUAL MEAN					320	1988
HIGHEST DAILY MEAN	17400	Feb 8	15600	Dec 10	38000	Apr 14 1979
LOWEST DAILY MEAN	147	Aug 21	157	Oct 8	25	Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	169	Oct 3	169	Oct 3	29	Aug 14 1988
MAXIMUM PEAK FLOW			15700	Dec 10	40400	Apr 14 1979
MAXIMUM PEAK STAGE			20.00	Dec 10	32.35	Apr 14 1979
INSTANTANEOUS LOW FLOW			157	Oct 8	28	Sep 2 1988
ANNUAL RUNOFF (AC-FT)	991600		964300		847100	
ANNUAL RUNOFF (CFSM)	1.91		1.86		1.64	
ANNUAL RUNOFF (INCHES)	26.01		25.29		22.22	
10 PERCENT EXCEEDS	3120		2820		2570	
50 PERCENT EXCEEDS	722		899		587	
90 PERCENT EXCEEDS	227		229		127	

e Estimated

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 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: November 2-4. 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)
Nov. 24	2100	5,440	22.99	Jun. 2	0200	5,280	22.66
Dec. 11	0300	*13,900	*29.21	Jun. 13	1600	11,600	28.28
Apr. 8	0300	5,730	23.52	Jul. 16	0400	8,630	27.06
Apr. 17	0700	5,510	23.12	Aug. 31	2100	9,390	29.15

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106	207	3680	299	567	2880	1290	863	4570	176	891	8360
2	103	e200	3450	283	2770	2260	2120	526	4990	168	696	6700
3	100	e300	2560	270	4330	1860	1410	472	2700	180	710	5200
4	99	e1250	2000	259	4220	1500	1130	416	1170	150	494	4520
5	96	805	1840	251	3230	1050	978	343	790	149	368	4320
6	93	422	1680	253	2860	810	1330	301	558	180	331	3600
7	90	337	3820	275	2970	846	5180	276	428	190	343	1770
8	88	276	4670	936	3730	3260	5560	248	377	183	288	894
9	91	231	5960	1130	3820	2810	4670	231	338	166	236	580
10	97	202	9900	887	3300	1530	3640	223	316	161	219	403
11	128	184	12800	817	2720	1310	3680	234	995	2010	234	320
12	202	183	9300	654	2710	1030	4350	217	6440	2030	205	271
13	980	198	7560	1370	2690	836	4380	202	10600	5310	247	247
14	537	181	6500	3510	2460	1090	4030	197	9300	6270	266	228
15	262	168	5340	2920	2030	961	3950	238	7110	7880	231	208
16	213	161	3640	1900	1620	1200	4930	310	5100	8310	211	194
17	181	157	1310	1750	1490	1270	5430	310	1910	6390	192	188
18	156	151	801	1830	1220	980	4610	633	627	2640	168	189
19	143	146	649	1400	974	799	2430	465	441	960	163	182
20	155	143	536	767	933	796	954	331	351	773	144	175
21	742	1070	459	518	1830	791	640	276	295	669	134	167
22	461	3150	422	413	1710	1160	504	239	252	672	126	158
23	309	4700	419	347	1310	2210	425	210	224	651	190	150
24	592	4970	407	293	2040	1600	399	189	221	462	144	146
25	444	4970	392	250	2430	1350	357	173	200	357	122	165
26	581	4300	441	222	2080	1220	335	159	174	292	119	1280
27	445	3350	426	201	2130	1150	362	148	161	247	130	1770
28	364	3970	379	196	3030	1090	350	141	156	277	129	1070
29	373	3700	352	523	---	875	314	152	162	3440	574	881
30	282	3070	334	796	---	732	972	392	207	2750	5450	585
31	233	---	318	605	---	672	---	1440	---	1040	8030	---
TOTAL	8746	43152	92345	26125	67204	41928	70710	10555	61163	55133	21785	44921
MEAN	282	1438	2979	843	2400	1353	2357	340	2039	1778	703	1497
MAX	980	4970	12800	3510	4330	3260	5560	1440	10600	8310	8030	8360
MIN	88	143	318	196	567	672	314	141	156	149	119	146
CFSM	0.37	1.87	3.88	1.10	3.13	1.76	3.07	0.44	2.65	2.32	0.92	1.95
IN.	0.42	2.09	4.47	1.27	3.26	2.03	3.43	0.51	2.96	2.67	1.06	2.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	195	453	1155	1916	2376	2388	2037	984	390	451	207	235
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	456418		543767			
ANNUAL MEAN	1247		1490		1059	
HIGHEST ANNUAL MEAN					2666	1983
LOWEST ANNUAL MEAN					248	1963
HIGHEST DAILY MEAN	16300	Feb 7	12800	Dec 11	110000	Apr 13 1979
LOWEST DAILY MEAN	88	Oct 8	88	Oct 8	23	Aug 26 1943
ANNUAL SEVEN-DAY MINIMUM	93	Oct 4	93	Oct 4	25	Aug 24 1943
MAXIMUM PEAK FLOW			13900	Dec 11	125000	Apr 13 1979
MAXIMUM PEAK STAGE			29.21	Dec 11	38.97	Apr 13 1979
INSTANTANEOUS LOW FLOW			88	Oct 7,8,9	22	Aug 25 1943
ANNUAL RUNOFF (CFSM)	1.62		1.94		1.38	
ANNUAL RUNOFF (INCHES)	22.11		26.34		18.73	
10 PERCENT EXCEEDS	3760		4360		3200	
50 PERCENT EXCEEDS	375		567		242	
90 PERCENT EXCEEDS	169		160		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 2005" (WDR AL-05-1).

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: Nov. 21,22, Feb. 3-9, and Aug. 29-31. 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)
Dec. 9	2000	8,870	17.12	Apr. 9	1500	9,490	17.64
Feb. 2	1830	*10,000	*18.07	Aug. 30	unknown	8,680	16.95

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	114	1880	357	4090	717	6800	1520	392	171	207	7620
2	103	116	2160	345	9030	642	7030	763	360	193	191	5570
3	103	408	1920	333	e9000	592	6660	589	306	192	186	2500
4	103	648	1060	323	e7000	561	3950	515	269	164	213	1170
5	104	632	722	310	e4600	533	1990	473	244	154	188	628
6	105	576	1330	309	e2700	502	1720	436	423	175	268	469
7	104	347	2830	319	e1600	511	6970	412	471	195	256	401
8	106	257	3890	1290	e1800	858	7370	393	770	180	197	347
9	114	217	6450	2500	e5600	1740	8950	376	666	172	164	313
10	156	195	7190	2450	5820	1830	5110	370	445	175	150	290
11	257	201	6070	1690	4630	1030	2870	361	424	218	153	268
12	253	218	4750	877	3250	734	4440	344	424	259	183	251
13	220	224	2400	1090	2090	625	3990	327	481	230	202	240
14	232	287	1720	3350	3200	613	3530	315	525	272	201	232
15	192	317	974	4050	4210	956	2250	316	350	438	182	225
16	161	248	709	4030	4010	1960	1220	346	273	546	181	219
17	143	215	610	2270	2770	1950	961	325	239	720	154	216
18	132	197	552	1490	1910	1860	822	297	232	729	140	251
19	125	192	507	843	1250	1250	731	280	225	505	133	237
20	121	216	467	664	975	1000	667	270	205	324	153	220
21	119	e270	434	588	926	1440	620	299	194	238	173	208
22	120	e352	461	542	992	2060	582	311	186	226	165	200
23	121	802	870	499	927	2650	915	288	179	219	246	195
24	121	1100	727	460	1190	2450	782	258	173	207	200	191
25	126	2040	654	431	1390	1770	650	244	167	189	181	189
26	137	2260	575	416	1270	1120	641	232	163	169	147	257
27	133	2020	487	398	969	2240	996	226	160	155	131	637
28	125	2370	437	386	815	3970	994	216	166	152	122	811
29	120	2650	407	561	---	3960	826	227	227	225	e1850	761
30	117	2220	385	737	---	2780	1840	374	198	335	e8200	455
31	115	---	369	1190	---	5930	---	399	---	211	e6460	---
TOTAL	4292	21909	53997	35098	88014	50834	86877	12102	9537	8338	21577	25571
MEAN	138	730	1742	1132	3143	1640	2896	390	318	269	696	852
MAX	257	2650	7190	4050	9030	5930	8950	1520	770	729	8200	7620
MIN	103	114	369	309	815	502	582	216	160	152	122	189
CFSM	0.19	0.98	2.34	1.52	4.23	2.21	3.90	0.53	0.43	0.36	0.94	1.15
IN.	0.21	1.10	2.70	1.76	4.41	2.55	4.35	0.61	0.48	0.42	1.08	1.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	311	605	1151	1807	2410	2279	2086	1028	450	518	339	309
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	468039		418146			
ANNUAL MEAN	1279		1146		1101	
HIGHEST ANNUAL MEAN					2291	1980
LOWEST ANNUAL MEAN					285	2000
HIGHEST DAILY MEAN	29700	Feb 8	9030	Feb 2	51000	Apr 14 1974
LOWEST DAILY MEAN	103	Oct 2	103	Oct 2	39	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	104	Oct 1	104	Oct 1	41	Sep 1 2000
MAXIMUM PEAK FLOW			10000	Feb 2	54200	Apr 14 1974
MAXIMUM PEAK STAGE			18.07	Feb 2	32.60	Apr 14 1974
INSTANTANEOUS LOW FLOW			102	Oct 1,3,4,5	38	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.72		1.54		1.48	
ANNUAL RUNOFF (INCHES)	23.43		20.94		20.13	
10 PERCENT EXCEEDS	3030		3290		2740	
50 PERCENT EXCEEDS	440		416		369	
90 PERCENT EXCEEDS	132		154		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: September 7. 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. 10	0530	4,950	13.33	Aug. 30	1130	6,950	16.11
Apr. 1	1330	*12,100	*21.49				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	138	548	212	1190	277	11400	897	283	184	216	2190
2	122	141	485	211	3020	256	6720	553	244	176	203	1340
3	122	297	324	210	2860	297	1860	328	213	178	199	847
4	122	610	257	205	1900	410	868	275	196	182	190	434
5	122	384	239	202	1200	325	638	255	186	192	186	308
6	127	217	382	202	548	274	568	244	188	201	194	266
7	131	180	923	213	414	252	1700	233	246	217	258	e220
8	128	168	1170	379	529	261	2160	225	293	220	196	199
9	133	160	1090	480	2670	302	1490	220	231	196	176	194
10	169	156	1960	331	4750	269	951	217	202	192	188	182
11	277	167	2380	262	2750	250	545	217	196	197	339	176
12	290	293	1410	241	1050	241	1140	211	185	200	321	174
13	210	292	535	556	587	229	1080	204	185	193	232	170
14	168	199	369	1640	716	222	646	201	177	194	196	168
15	153	177	287	1070	920	219	467	196	170	217	183	169
16	147	167	263	648	689	1080	387	199	169	239	170	164
17	143	161	250	392	488	919	342	193	166	255	162	164
18	142	159	241	303	380	462	315	187	174	474	158	164
19	141	158	232	268	329	346	301	185	188	308	158	163
20	141	168	221	253	301	421	287	182	191	218	158	159
21	141	278	214	245	290	670	279	217	177	201	165	155
22	141	360	215	236	286	838	270	207	172	192	199	153
23	141	277	470	226	285	1290	308	185	171	239	224	153
24	140	379	672	213	392	689	284	179	169	195	172	156
25	141	640	371	206	411	459	260	177	168	178	168	161
26	142	352	284	206	364	356	260	174	164	170	163	165
27	144	444	253	204	306	966	271	169	163	165	159	168
28	142	791	236	200	294	708	278	166	163	163	163	163
29	140	483	226	235	---	510	260	172	186	179	1610	160
30	138	317	220	298	---	362	867	210	209	294	6330	158
31	139	---	215	276	---	4720	---	295	---	304	4290	---
TOTAL	4659	8713	16942	10823	29919	18880	37202	7573	5825	6713	17726	9443
MEAN	150	290	547	349	1069	609	1240	244	194	217	572	315
MAX	290	791	2380	1640	4750	4720	11400	897	293	474	6330	2190
MIN	122	138	214	200	285	219	260	166	163	163	158	153
CFSM	0.49	0.96	1.80	1.15	3.51	2.00	4.08	0.80	0.64	0.71	1.88	1.04
IN.	0.57	1.07	2.07	1.32	3.66	2.31	4.55	0.93	0.71	0.82	2.17	1.16
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)												
MEAN	210	305	489	639	800	811	700	453	273	267	235	234
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	163600		174418			
ANNUAL MEAN	447		478		449	
HIGHEST ANNUAL MEAN					868	1949
LOWEST ANNUAL MEAN					172	2000
HIGHEST DAILY MEAN	6320	Feb 13	11400	Apr 1	33500	Apr 14 1974
LOWEST DAILY MEAN	122	Oct 1	122	Oct 1	83	Aug 29 1957
ANNUAL SEVEN-DAY MINIMUM	124	Sep 30	124	Oct 1	84	Aug 24 1957
MAXIMUM PEAK FLOW			12100	Apr 1	45500	Apr 14 1974
MAXIMUM PEAK STAGE			21.49	Apr 1	28.18	Apr 14 1974
INSTANTANEOUS LOW FLOW			122	Oct 1	83	Aug 29 1957
ANNUAL RUNOFF (CFSM)	1.47		1.57		1.48	
ANNUAL RUNOFF (INCHES)	20.02		21.34		20.09	
10 PERCENT EXCEEDS	732		919		862	
50 PERCENT EXCEEDS	221		225		228	
90 PERCENT EXCEEDS	141		158		133	

e Estimated

02472850 OKATOMA CREEK AT SANFORD, MS

LOCATION.--Lat 31°29'21", long 89°26'00", 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: February 23-28. 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)
Dec. 11	0000	3,450	13.20	Mar. 31	2115	*8,140	*20.47
Feb. 4	0645	3,060	12.59	Aug. 30	0245	5,930	17.18
Feb. 9	1930	4,290	14.56				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	117	568	198	1600	380	5960	1280	347	128	203	2180
2	92	120	553	198	2880	347	2050	727	265	122	209	1860
3	92	637	458	194	2780	389	1260	393	224	135	179	1250
4	94	734	280	191	2880	382	850	332	202	124	204	689
5	97	367	239	188	1850	344	641	304	184	117	220	290
6	101	198	568	191	901	323	717	286	307	144	241	213
7	103	159	1270	199	445	318	1930	274	462	152	235	177
8	103	144	1280	588	688	501	2050	264	400	139	174	171
9	112	133	1770	787	3190	592	2310	257	262	125	149	166
10	162	128	2890	548	2870	426	1780	255	214	135	271	165
11	321	150	2800	343	1610	355	886	256	192	162	217	161
12	295	234	1660	266	1290	322	1410	243	178	171	269	153
13	191	175	833	678	778	308	1180	232	173	147	195	146
14	141	151	372	1440	1190	298	1030	230	163	202	231	144
15	125	143	294	1020	1140	395	650	232	154	586	227	143
16	120	137	262	1140	1080	1260	497	286	148	809	199	143
17	118	130	244	923	961	1010	440	238	140	737	193	144
18	117	129	231	342	557	673	408	215	170	738	193	154
19	116	131	219	272	456	487	376	207	159	347	190	178
20	114	156	206	249	418	472	357	199	148	236	185	167
21	116	324	198	237	406	982	342	216	140	272	196	156
22	115	300	209	227	400	1140	335	205	136	847	220	153
23	124	239	887	209	e423	1330	324	191	133	280	220	152
24	121	507	481	194	e630	978	306	181	128	212	219	157
25	124	451	321	188	e730	660	302	177	125	183	182	163
26	151	401	261	188	e590	560	317	172	121	168	170	163
27	141	633	230	183	e450	1150	432	171	116	156	180	185
28	128	741	215	182	e425	911	443	169	117	149	187	178
29	122	554	205	287	---	1030	353	172	206	179	1730	170
30	121	418	201	353	---	1030	869	344	159	509	4980	150
31	118	---	200	331	---	5310	---	416	---	288	2520	---
TOTAL	4087	8841	20405	12534	33618	24663	30805	9124	5873	8699	14988	10321
MEAN	132	295	658	404	1201	796	1027	294	196	281	483	344
MAX	321	741	2890	1440	3190	5310	5960	1280	462	847	4980	2180
MIN	92	117	198	182	400	298	302	169	116	117	149	143
CFSM	0.51	1.15	2.56	1.57	4.67	3.10	4.00	1.15	0.76	1.09	1.88	1.34
IN.	0.59	1.28	2.95	1.81	4.87	3.57	4.46	1.32	0.85	1.26	2.17	1.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

MEAN	209	278	415	551	781	763	586	244	267	235	191	225
MAX	396	583	658	1520	1872	1664	1384	718	574	680	483	652
(WY)	2003	2003	2005	1998	2004	2001	1997	1997	2004	2003	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	175155		183958			
ANNUAL MEAN	479		504		393	
HIGHEST ANNUAL MEAN					504	2005
LOWEST ANNUAL MEAN					187	2000
HIGHEST DAILY MEAN	6770	Feb 8	5960	Apr 1	10900	Mar 4 2001
LOWEST DAILY MEAN	92	Sep 29	92	Oct 1	52	Jul 17 2000
ANNUAL SEVEN-DAY MINIMUM	93	Sep 27	96	Oct 1	55	Jul 13 2000
MAXIMUM PEAK FLOW			8140	Mar 31	11500	Mar 4 2001
MAXIMUM PEAK STAGE			20.47	Mar 31	23.65	Mar 4 2001
INSTANTANEOUS LOW FLOW			91	Oct 1	50	Jul 17 2000
ANNUAL RUNOFF (CFSM)	1.86		1.96		1.53	
ANNUAL RUNOFF (INCHES)	25.35		26.63		20.79	
10 PERCENT EXCEEDS	1100		1160		869	
50 PERCENT EXCEEDS	237		239		198	
90 PERCENT EXCEEDS	117		128		101	

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)
Dec. 11	1115	13,100	13.17	Apr. 1	2330	*35,500	*22.63
Feb. 4	0315	15,400	14.67	Apr. 10	0745	12,400	12.65
Feb. 10	1300	17,500	15.87	Aug. 30	2145	18,100	16.25

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	522	591	3900	1280	5330	2170	30600	5650	1740	967	1280	13700
2	518	594	3580	1260	12500	1980	30000	4020	1550	866	1260	11800
3	516	861	3510	1240	14800	2040	15700	2590	1350	847	1080	9210
4	518	2130	2800	1220	15000	2210	10500	1970	1200	874	1040	4900
5	515	2110	2000	1200	13600	1970	6750	1710	1100	863	1090	2830
6	522	1530	2080	1200	9780	1780	4710	1580	1060	1060	1080	1950
7	531	1240	4110	1220	5360	1690	6690	1500	1400	1070	1190	1550
8	535	961	6980	2040	4270	1730	11600	1440	1630	1020	1140	1330
9	564	818	7030	3460	9040	2470	12000	1390	1760	992	974	1210
10	857	744	10600	4210	16900	3260	12100	1360	1560	933	941	1120
11	1240	779	12700	3670	13900	2900	8340	1340	1370	1040	1090	1060
12	1300	927	10800	2700	8790	2100	7800	1310	1310	1050	1170	995
13	1150	1080	7310	2900	6040	1790	8680	1260	1290	1060	1130	945
14	906	920	4080	6130	5090	1640	7280	1250	1320	1010	1010	908
15	823	865	3060	6850	7050	1650	5940	1210	1320	1370	979	882
16	743	874	2230	6570	7240	3600	4010	1220	1120	2260	900	862
17	689	783	1890	5920	6440	5020	2950	1260	1010	2570	858	844
18	655	728	1710	3730	4670	4110	2560	1190	1030	2580	814	831
19	643	703	1600	2710	3550	3320	2310	1140	1030	2390	775	869
20	623	790	1500	2030	2800	2680	2140	1100	991	1600	754	871
21	614	1050	1420	1790	2480	3120	2010	1120	933	1250	755	831
22	608	1350	1390	1670	2390	4360	1920	1190	885	1460	875	795
23	604	1310	2000	1560	2400	5850	2000	1150	858	1480	1050	778
24	614	2280	3120	1450	2750	5650	2310	1090	834	1170	1020	792
25	614	3020	2380	1380	3290	4480	2090	1040	813	1020	913	794
26	661	3310	1880	1330	3260	3210	1880	1000	794	947	848	780
27	680	3660	1650	1300	2840	3820	1910	974	777	886	780	833
28	661	4620	1500	1280	2410	5510	2360	956	768	847	766	1200
29	627	4160	1400	1360	---	6230	2240	1000	804	846	3720	1390
30	606	3920	1340	1810	---	5910	3470	1210	1080	1080	16200	1310
31	596	---	1310	2020	---	11000	---	1600	---	1600	17200	---
TOTAL	21255	48708	112860	78490	193970	109250	214850	47820	34687	39008	64682	68170
MEAN	686	1624	3641	2532	6928	3524	7162	1543	1156	1258	2087	2272
MAX	1300	4620	12700	6850	16900	11000	30600	5650	1760	2580	17200	13700
MIN	515	591	1310	1200	2390	1640	1880	956	768	846	754	778
CFSM	0.39	0.93	2.08	1.45	3.96	2.02	4.10	0.88	0.66	0.72	1.19	1.30
IN.	0.45	1.04	2.40	1.67	4.13	2.33	4.57	1.02	0.74	0.83	1.38	1.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	1023	1632	2889	4055	5153	5127	4617	2737	1468	1492	1167	1127
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	1037899		1033750			
ANNUAL MEAN	2836		2832		2694	
HIGHEST ANNUAL MEAN					5121	1980
LOWEST ANNUAL MEAN					851	2000
HIGHEST DAILY MEAN	27200	Feb 9	30600	Apr 1	110000	Apr 15 1974
LOWEST DAILY MEAN	515	Oct 5	515	Oct 5	247	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	520	Sep 30	520	Oct 1	260	Sep 1 2000
MAXIMUM PEAK FLOW			35500	Apr 1	121000	Apr 15 1974
MAXIMUM PEAK STAGE			22.63	Apr 1	34.03	Apr 15 1974
INSTANTANEOUS LOW FLOW			513	Oct 2,3,4,5,6	240	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.62		1.62		1.54	
ANNUAL RUNOFF (INCHES)	22.09		22.00		20.94	
10 PERCENT EXCEEDS	6300		6710		6210	
50 PERCENT EXCEEDS	1480		1380		1310	
90 PERCENT EXCEEDS	661		778		562	

02473000 LEAF RIVER AT HATTIESBURG, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.54	1.67	5.78	2.66	6.91	3.75	21.12	7.31	3.21	2.12	2.59	13.58
2	1.53	1.67	5.47	2.62	12.69	3.52	20.95	5.76	2.96	1.96	2.56	12.27
3	1.53	2.11	5.40	2.60	14.34	3.59	14.72	4.25	2.69	1.93	2.30	10.35
4	1.53	3.86	4.65	2.56	14.45	3.80	11.23	3.51	2.48	1.98	2.23	6.73
5	1.52	3.84	3.72	2.53	13.49	3.50	8.26	3.18	2.33	1.96	2.31	4.67
6	1.54	3.11	3.81	2.54	10.70	3.26	6.45	3.01	2.27	2.27	2.30	3.67
7	1.55	2.70	5.93	2.56	7.06	3.15	8.15	2.90	2.75	2.28	2.46	3.19
8	1.56	2.28	8.53	3.65	6.03	3.20	12.05	2.81	3.07	2.20	2.38	2.91
9	1.62	2.06	8.58	5.25	9.97	4.11	12.38	2.75	3.24	2.16	2.13	2.73
10	2.10	1.93	11.41	6.03	15.55	4.99	12.42	2.71	2.98	2.07	2.08	2.61
11	2.70	1.99	12.92	5.48	13.66	4.60	9.56	2.68	2.71	2.23	2.31	2.51
12	2.79	2.23	11.51	4.43	9.94	3.67	9.15	2.63	2.63	2.24	2.43	2.42
13	2.57	2.47	8.79	4.62	7.66	3.27	9.86	2.57	2.61	2.27	2.37	2.34
14	2.20	2.22	5.88	7.80	6.80	3.08	8.72	2.55	2.64	2.19	2.19	2.28
15	2.06	2.13	4.83	8.42	8.54	3.10	7.57	2.49	2.64	2.71	2.14	2.24
16	1.93	2.15	3.88	8.19	8.69	5.28	5.75	2.50	2.35	3.85	2.02	2.21
17	1.84	2.00	3.46	7.61	8.01	6.74	4.65	2.57	2.19	4.22	1.95	2.18
18	1.78	1.91	3.24	5.53	6.40	5.87	4.21	2.47	2.23	4.24	1.88	2.16
19	1.76	1.86	3.09	4.44	5.30	5.05	3.93	2.38	2.23	4.02	1.81	2.22
20	1.72	2.01	2.95	3.64	4.49	4.35	3.72	2.32	2.16	3.03	1.78	2.22
21	1.71	2.41	2.85	3.34	4.12	4.84	3.56	2.35	2.07	2.55	1.78	2.16
22	1.70	2.85	2.80	3.18	4.01	6.11	3.45	2.47	2.00	2.83	1.98	2.10
23	1.69	2.81	3.58	3.03	4.03	7.50	3.54	2.41	1.95	2.86	2.25	2.07
24	1.71	4.04	4.90	2.89	4.43	7.32	3.93	2.32	1.91	2.42	2.20	2.09
25	1.71	4.90	4.06	2.79	5.02	6.22	3.65	2.23	1.88	2.21	2.04	2.10
26	1.79	5.20	3.45	2.72	4.99	4.94	3.39	2.18	1.85	2.09	1.94	2.07
27	1.82	5.54	3.16	2.69	4.53	5.54	3.43	2.14	1.82	2.00	1.82	2.16
28	1.79	6.45	2.95	2.65	4.04	7.19	3.98	2.11	1.80	1.93	1.80	2.72
29	1.73	6.03	2.82	2.76	---	7.83	3.84	2.18	1.86	1.93	5.01	2.99
30	1.69	5.80	2.74	3.35	---	7.55	5.16	2.48	2.30	2.30	15.10	2.88
31	1.67	---	2.69	3.62	---	11.21	---	3.03	---	3.03	15.75	---
MEAN	1.82	3.07	5.16	4.07	8.07	5.10	7.76	2.88	2.39	2.52	3.09	3.63
MAX	2.79	6.45	12.92	8.42	15.55	11.21	21.12	7.31	3.24	4.24	15.75	13.58
MIN	1.52	1.67	2.69	2.53	4.01	3.08	3.39	2.11	1.80	1.93	1.78	2.07

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1880, about 26 ft, Dec. 9, 1919. Flood in April 1900 reached a stage of about 24 ft, from information by local residents. Flood in April 1938 reached a stage of 20.7 ft, from information by Mississippi 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. 5	1230	*3,160	*14.19	Apr. 10	1030	3,080	13.96

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	18	657	153	939	333	2050	846	112	36	114	769
2	15	20	529	145	1740	299	1730	812	142	33	102	807
3	15	56	566	139	1950	265	1700	733	151	31	84	1290
4	14	87	398	134	2240	239	2120	489	123	30	83	1670
5	14	240	259	128	3070	225	2210	390	93	28	95	1480
6	14	233	309	126	2590	214	1750	330	73	28	82	917
7	14	136	618	134	1900	208	1240	282	61	29	83	295
8	14	89	834	209	799	263	1200	244	53	31	78	156
9	14	65	952	473	1730	346	1680	214	48	34	79	116
10	60	51	1050	586	1940	394	2930	193	65	39	74	94
11	68	104	1110	476	1400	368	2410	177	95	53	68	81
12	57	120	1980	264	1240	271	1990	163	171	65	65	69
13	83	135	2440	717	1250	230	1410	151	273	90	63	63
14	82	152	1860	1100	1280	238	1330	140	347	124	81	56
15	53	115	749	1020	1060	259	1440	133	373	133	68	51
16	39	85	316	997	1040	499	1420	125	204	141	64	47
17	32	66	245	927	1060	613	673	120	125	222	58	43
18	27	55	212	487	994	637	417	112	141	382	55	41
19	25	51	191	289	509	499	348	105	125	384	52	39
20	23	59	173	235	363	370	304	97	106	212	51	40
21	22	84	159	210	312	369	275	90	91	145	51	41
22	24	103	156	195	335	613	290	83	79	110	59	40
23	26	214	244	177	393	814	467	76	73	94	64	37
24	24	352	703	161	471	909	381	71	61	85	56	37
25	22	397	790	145	570	948	259	67	51	82	60	37
26	21	467	528	138	666	723	234	62	44	75	77	134
27	20	673	298	135	510	989	285	71	38	73	67	201
28	20	754	229	134	379	1060	322	78	34	75	57	387
29	20	651	196	154	---	947	278	75	35	69	550	433
30	20	674	176	259	---	1010	687	67	37	64	928	455
31	19	---	162	430	---	1680	---	72	---	81	948	---
TOTAL	916	6306	19089	10877	32730	16832	33830	6668	3424	3078	4416	9926
MEAN	29.5	210	616	351	1169	543	1128	215	114	99.3	142	331
MAX	83	754	2440	1100	3070	1680	2930	846	373	384	948	1670
MIN	14	18	156	126	312	208	234	62	34	28	51	37
CFSM	0.12	0.88	2.59	1.47	4.91	2.28	4.74	0.90	0.48	0.42	0.60	1.39
IN.	0.14	0.99	2.98	1.70	5.12	2.63	5.29	1.04	0.54	0.48	0.69	1.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	74.5	171	392	584	760	787	669	319	129	137	76.8	79.2
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	119447		148092			
ANNUAL MEAN	326		406		346	
HIGHEST ANNUAL MEAN					726	1980
LOWEST ANNUAL MEAN					104	2000
HIGHEST DAILY MEAN	4380	Feb 9	3070	Feb 5	18400	Apr 14 1974
LOWEST DAILY MEAN	14	Oct 4	14	Oct 4	1.8	Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	14	Oct 3	14	Oct 3	2.0	Oct 26 1963
MAXIMUM PEAK FLOW			3160	Feb 5	23300	Apr 14 1974
MAXIMUM PEAK STAGE			14.19	Feb 5	23.28	Apr 14 1974
INSTANTANEOUS LOW FLOW			13	Oct 4,5,7,8	1.8	Nov 3 1952
ANNUAL RUNOFF (CFSM)	1.37		1.70		1.45	
ANNUAL RUNOFF (INCHES)	18.67		23.15		19.76	
10 PERCENT EXCEEDS	828		1100		950	
50 PERCENT EXCEEDS	122		159		98	
90 PERCENT EXCEEDS	27		36		14	

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: Oct. 15-18, Jun. 13,14,26, Aug. 22-24, and Sept. 9-22. 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. 11	0255	5,580	15.88	Apr. 12	0815	6,120	16.56
Apr. 1	1430	*10,200	*20.84				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	104	1700	405	1920	837	8980	2070	357	194	191	3010
2	76	126	1540	378	4160	732	8470	1990	442	175	236	2350
3	74	272	1200	359	4540	712	6720	1750	412	171	225	2240
4	73	362	1130	346	4500	694	4870	1200	384	171	231	2570
5	72	391	908	335	4500	602	4130	743	322	168	214	2900
6	70	560	1130	326	4640	550	4300	598	273	198	232	2870
7	70	473	1420	328	4870	514	4300	525	243	215	228	1960
8	71	305	2260	733	4540	509	3340	475	225	195	191	850
9	73	231	2130	699	3810	696	2890	440	215	220	191	e620
10	92	199	2290	1060	5230	935	3110	414	221	203	177	e400
11	299	258	2390	1170	5520	980	3880	392	364	263	187	e300
12	272	378	2460	914	4790	735	5750	376	580	283	202	e260
13	190	360	2820	794	3460	560	5020	363	e800	252	180	e230
14	186	318	3300	3320	2930	487	3890	345	e1250	296	158	e210
15	e187	318	3110	3080	2840	466	3050	333	1100	533	162	e193
16	e196	297	1610	2250	2570	904	2830	327	810	906	166	e187
17	e168	257	796	1930	2340	1390	2370	327	464	1000	148	e182
18	e136	236	645	1600	2210	1350	1330	327	427	824	138	e180
19	121	223	566	965	1840	1200	926	302	372	967	131	e178
20	113	212	504	689	1180	944	787	286	277	779	130	e176
21	107	218	459	596	931	886	694	284	246	542	126	e174
22	104	243	431	535	836	1000	626	278	230	447	e145	e172
23	102	268	541	490	825	1510	646	263	212	309	e240	171
24	104	715	835	446	995	1580	1030	257	209	243	e200	171
25	104	1200	1470	412	1220	1650	950	241	195	214	167	167
26	106	1020	1340	383	1270	1500	635	227	e180	198	193	162
27	108	1190	940	365	1270	1580	564	214	172	187	183	304
28	107	2000	642	354	1060	2040	649	207	169	177	167	396
29	106	1790	530	386	---	1890	666	222	163	173	1060	748
30	106	1480	469	472	---	1690	1070	337	175	197	4380	788
31	105	---	430	628	---	3470	---	325	---	182	3940	---
TOTAL	3776	16004	41996	26748	80797	34593	88473	16438	11489	10882	14519	25119
MEAN	122	533	1355	863	2886	1116	2949	530	383	351	468	837
MAX	299	2000	3300	3320	5520	3470	8980	2070	1250	1000	4380	3010
MIN	70	104	430	326	825	466	564	207	163	168	126	162
CFSM	0.20	0.87	2.21	1.41	4.72	1.82	4.82	0.87	0.63	0.57	0.77	1.37
IN.	0.23	0.97	2.55	1.63	4.91	2.10	5.38	1.00	0.70	0.66	0.88	1.53
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)												
MEAN	246	478	1041	1513	1909	1984	1717	942	402	448	268	274
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	313202		370834			
ANNUAL MEAN	856		1016		926	
HIGHEST ANNUAL MEAN					1949	1949
LOWEST ANNUAL MEAN					279	2000
HIGHEST DAILY MEAN	7170	Feb 12	8980	Apr 1	29600	Feb 25 1961
LOWEST DAILY MEAN	70	Oct 6	70	Oct 6	22	Oct 26 2000
ANNUAL SEVEN-DAY MINIMUM	72	Oct 3	72	Oct 3	24	Oct 24 2000
MAXIMUM PEAK FLOW			10200	Apr 1	32800	Feb 24 1961
MAXIMUM PEAK STAGE			20.84	Apr 1	30.07a	Feb 24 1961
INSTANTANEOUS LOW FLOW			69	Oct 6,7	22	Oct 25 2000
ANNUAL RUNOFF (CFSM)	1.40		1.66		1.51	
ANNUAL RUNOFF (INCHES)	19.04		22.54		20.57	
10 PERCENT EXCEEDS	2250		2890		2500	
50 PERCENT EXCEEDS	376		442		354	
90 PERCENT EXCEEDS	120		165		76	

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: September 23 and 30. 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. 5	1415	18,500	17.96	Apr. 3	0145	*43,800	*26.54
Feb. 11	1715	19,900	18.94	Sep. 1	0415	19,200	18.46

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	702	711	5790	1770	4560	3990	22100	6560	2330	1330	1670	18800
2	693	775	5690	1720	12700	3630	38900	6630	2200	1210	1510	16100
3	682	1600	5010	1680	17000	3630	41000	4660	1950	1090	1420	13600
4	671	1940	4650	1640	18100	3850	27900	3490	1760	1110	1360	9570
5	665	2550	3710	1600	18400	3580	17900	2610	1590	1180	1360	6510
6	662	2200	3580	1590	17500	3240	11400	2250	1480	1660	1310	5290
7	669	1870	4540	1590	13200	3030	10300	2040	1460	1640	1350	4250
8	671	1430	8290	2800	9410	2960	12900	1910	1860	1410	1380	2860
9	677	1140	9200	3470	9170	3370	14600	1810	1930	1420	1260	2220
10	857	990	10300	4740	15800	4420	14800	1750	1990	1380	1140	1960
11	1620	1190	13100	4960	19400	4840	14600	1700	1900	1450	1220	1790
12	1620	1260	14000	4120	18200	3950	14900	1650	1920	1470	1320	1660
13	1470	1370	12100	3310	13200	3230	15000	1600	2140	1420	1350	1570
14	1230	1310	8600	7270	9370	2910	13100	1550	2350	1390	1210	1490
15	1080	1170	6880	9540	9550	2770	10400	1520	2490	1570	1130	1420
16	987	1140	4820	8570	10300	3640	8210	1490	2210	2540	1100	1360
17	898	1060	3170	7930	9760	6740	6370	1520	1700	3410	1030	1320
18	837	953	2710	6160	8350	6380	4840	1520	1530	3320	1040	1290
19	810	900	2450	4210	6730	5540	3890	1430	1560	3460	1030	1270
20	784	901	2240	3110	5260	4610	3460	1380	1410	2810	946	1270
21	759	1340	2080	2600	4430	4420	3160	1360	1320	2060	932	1250
22	752	1500	1980	2420	4090	5560	2930	1420	1250	1900	947	1210
23	738	1620	2390	2140	4030	7350	2860	1420	1190	2010	1190	e1190
24	737	3420	3520	2030	4210	8060	3170	1380	1150	1640	1240	1200
25	743	4150	4050	1900	5060	7260	3380	1310	1120	1370	1140	1190
26	754	4310	3440	1800	5290	5990	2780	1260	1080	1240	1030	1140
27	785	4840	2860	1730	5120	5380	2500	1230	1060	1150	997	1190
28	784	6620	2340	1700	4580	7390	2750	1210	1040	1100	944	1390
29	756	6480	2080	1750	---	8310	2970	1220	1030	1060	4420	1960
30	732	5690	1930	1980	---	8280	3630	1690	1140	1180	14400	e2150
31	720	---	1830	2460	---	9410	---	1890	---	1470	18400	---
TOTAL	26545	66430	159330	104290	282770	157720	336700	64460	49140	52450	70776	109470
MEAN	856	2214	5140	3364	10100	5088	11220	2079	1638	1692	2283	3649
MAX	1620	6620	14000	9540	19400	9410	41000	6630	2490	3460	18400	18800
MIN	662	711	1830	1590	4030	2770	2500	1210	1030	1060	932	1140
CFSM	0.34	0.87	2.02	1.32	3.97	2.00	4.42	0.82	0.64	0.67	0.90	1.44
IN.	0.39	0.97	2.33	1.53	4.14	2.31	4.93	0.94	0.72	0.77	1.04	1.60
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)												
MEAN	1682	2669	3666	6261	7518	7099	4945	3627	2504	2302	1547	1549
MAX	5047	6466	7355	16280	21510	14800	11220	18250	6190	6709	2516	4851
(WY)	2003	1994	1987	1998	1990	2001	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	1463956		1480081			
ANNUAL MEAN	4000		4055		3780	
HIGHEST ANNUAL MEAN					6332	1990
LOWEST ANNUAL MEAN					1195	2000
HIGHEST DAILY MEAN	27200	Feb 11	41000	Apr 3	74000	Feb 20 1990
LOWEST DAILY MEAN	662	Oct 6	662	Oct 6	360	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	671	Oct 3	671	Oct 3	366	Aug 20 2000
MAXIMUM PEAK FLOW			43800	Apr 3	74700	May 15 1990
MAXIMUM PEAK STAGE			26.54	Apr 3	30.71	May 15 1990
INSTANTANEOUS LOW FLOW			654	Oct 6	353	Oct 19 2000
ANNUAL RUNOFF (CFSM)	1.57		1.60		1.49	
ANNUAL RUNOFF (INCHES)	21.42		21.66		20.20	
10 PERCENT EXCEEDS	9210		9650		8900	
50 PERCENT EXCEEDS	2170		1950		1960	
90 PERCENT EXCEEDS	897		994		830	

e Estimated

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.13	2.19	7.85	3.69	6.86	5.65	19.72	9.23	4.58	3.04	3.54	18.14
2	2.12	2.30	7.76	3.62	13.79	5.26	25.58	9.30	4.39	2.86	3.31	16.26
3	2.11	3.63	7.10	3.55	16.86	5.26	26.01	7.43	4.05	2.67	3.17	14.45
4	2.10	4.09	6.74	3.50	17.64	5.51	22.61	6.19	3.78	2.69	3.08	11.47
5	2.10	4.89	5.75	3.45	17.87	5.20	17.42	5.17	3.53	2.80	3.09	8.95
6	2.09	4.46	5.61	3.43	17.22	4.82	12.53	4.71	3.36	3.52	3.01	7.84
7	2.11	4.01	6.60	3.43	14.17	4.59	11.63	4.45	3.31	3.49	3.07	6.82
8	2.11	3.38	10.10	4.97	11.28	4.50	13.72	4.26	3.87	3.17	3.12	5.31
9	2.12	2.93	10.88	5.78	11.05	4.96	14.99	4.13	3.96	3.17	2.93	4.54
10	2.45	2.68	11.76	7.12	15.93	6.10	15.17	4.04	4.03	3.12	2.74	4.19
11	3.66	3.01	13.99	7.34	18.61	6.53	15.06	3.96	3.91	3.22	2.87	3.96
12	3.66	3.12	14.61	6.48	17.73	5.60	15.27	3.88	3.91	3.26	3.02	3.78
13	3.44	3.30	13.18	5.60	13.83	4.81	15.39	3.80	4.19	3.17	3.07	3.64
14	3.08	3.20	10.42	9.44	10.68	4.44	13.99	3.72	4.45	3.13	2.86	3.53
15	2.84	2.98	8.94	11.40	10.84	4.28	11.97	3.66	4.63	3.40	2.72	3.43
16	2.68	2.94	7.01	10.60	11.50	5.24	10.20	3.60	4.28	4.68	2.68	3.34
17	2.53	2.80	5.29	10.06	11.02	8.32	8.62	3.64	3.59	5.71	2.56	3.28
18	2.42	2.62	4.78	8.49	9.78	8.00	7.20	3.63	3.34	5.61	2.57	3.23
19	2.37	2.53	4.48	6.57	8.31	7.22	6.26	3.49	3.38	5.77	2.57	3.19
20	2.32	2.53	4.25	5.37	6.94	6.30	5.83	3.40	3.16	5.02	2.42	3.20
21	2.28	3.24	4.07	4.77	6.11	6.11	5.54	3.35	3.02	4.08	2.40	3.16
22	2.27	3.49	3.96	4.55	5.76	7.22	5.31	3.44	2.91	3.86	2.42	3.10
23	2.24	3.67	4.50	4.18	5.69	8.87	5.28	3.42	2.82	4.01	2.82	---
24	2.24	5.80	5.83	4.04	5.88	9.52	5.68	3.35	2.76	3.50	2.89	3.08
25	2.25	6.56	6.41	3.87	6.75	8.78	5.97	3.24	2.71	3.10	2.75	3.08
26	2.27	6.62	5.75	3.73	6.98	7.63	5.31	3.15	2.65	2.90	2.57	2.99
27	2.33	7.05	5.08	3.63	6.81	7.06	5.01	3.09	2.61	2.77	2.51	3.07
28	2.32	8.65	4.44	3.58	6.27	8.91	5.33	3.04	2.58	2.68	2.42	3.38
29	2.27	8.49	4.10	3.66	---	9.74	5.60	3.05	2.56	2.62	6.50	4.19
30	2.23	7.76	3.90	3.97	---	9.71	6.32	3.73	2.75	2.81	15.00	---
31	2.21	---	3.77	4.59	---	10.67	---	4.00	---	3.25	17.88	---
MEAN	2.43	4.16	7.06	5.43	11.15	6.67	11.48	4.28	3.50	3.52	3.82	---
MAX	3.66	8.65	14.61	11.40	18.61	10.67	26.01	9.30	4.63	5.77	17.88	---
MIN	2.09	2.19	3.77	3.43	5.69	4.28	5.01	3.04	2.56	2.62	2.40	---

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: October 30-31. 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)
Dec. 13	0615	18,400	16.00	Apr. 3	2345	*60,300	*25.26
Feb. 6	1845	28,600	19.88	Apr. 13	2015	24,500	18.53
Feb. 13	0200	28,100	19.74	Sep. 2	0515	27,100	19.46

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	930	964	8040	2320	5850	4700	27400	9950	3590	1370	1820	26300
2	919	986	8440	2240	18500	4110	50700	10000	3290	1430	1860	26700
3	908	2260	7360	2170	24400	3930	56600	7560	2990	1390	1790	23000
4	899	3690	6440	2120	25800	4560	58500	6010	2670	1220	1720	18000
5	897	3670	5510	2060	27400	4280	50600	4630	2470	1350	1810	11400
6	887	3580	5320	2040	28400	3710	32000	3560	2300	1940	1670	8710
7	878	3000	6710	2010	26600	3340	20200	3020	2130	2380	1690	7030
8	892	2470	11400	2940	19000	3150	16900	2710	2050	1780	1760	5170
9	942	2000	13600	5640	14200	3140	18000	2500	2350	1700	1700	3550
10	1060	1710	13800	5740	18500	3890	19100	2390	2520	1880	1720	2860
11	1760	1830	15800	6400	24300	4810	19500	2300	3110	2390	1680	2470
12	2230	2220	17600	5770	26800	4570	21400	2210	5030	2250	1580	2200
13	2030	2210	18100	5730	26300	3620	24400	2130	4040	1940	1550	2010
14	1810	2260	13200	9930	19100	3030	22800	2050	3940	1790	1490	1880
15	1550	2030	9330	12500	14400	2770	18200	1990	3920	2010	1350	1790
16	1420	1850	6970	12200	13800	3130	14200	1930	3820	3160	1290	1710
17	1320	1770	4320	11000	12800	6080	11100	1880	3320	4670	1220	1650
18	1230	1620	3440	9500	10800	7600	8330	1910	2620	5100	1160	1600
19	1150	1510	3040	6750	8470	6630	5840	1930	2160	4580	1230	1560
20	1120	1470	2780	4970	6540	5620	4670	1860	1940	4100	1100	1540
21	1070	1840	2590	3710	5180	5100	4090	1760	1750	3030	1110	1520
22	1050	2250	2480	3260	4500	6310	3730	1730	1610	2580	1120	1490
23	1040	2440	3520	2880	4210	9220	3510	1760	1500	2900	1500	1450
24	1020	8360	4040	2740	4230	10000	3620	1700	1410	2600	1830	1410
25	1020	9760	4920	2570	4870	9400	4430	1640	1350	2080	1670	1400
26	1020	7040	4660	2440	5540	7910	4410	1560	1280	1730	1400	1450
27	1040	6780	3970	2310	5580	6660	3980	1500	1230	1550	1230	1410
28	1060	9920	3300	2270	5370	7510	3720	1450	1200	1420	1130	1510
29	1050	10000	2840	2380	---	9080	3870	1440	1170	1320	3110	1880
30	e1020	8230	2590	2570	---	9530	6370	1770	1170	1340	21300	2440
31	e990	---	2420	2960	---	12200	---	2360	---	1450	24800	---
TOTAL	36212	109720	218530	144120	411440	179590	542170	91190	73930	70430	91390	167090
MEAN	1168	3657	7049	4649	14690	5793	18070	2942	2464	2272	2948	5570
MAX	2230	10000	18100	12500	28400	12200	58500	10000	5030	5100	24800	26700
MIN	878	964	2420	2010	4210	2770	3510	1440	1170	1220	1100	1400
MED	1040	2260	5320	2940	14000	4810	15600	1990	2320	1940	1670	1880
CFSM	0.33	1.05	2.02	1.33	4.20	1.66	5.17	0.84	0.71	0.65	0.84	1.59
IN.	0.39	1.17	2.33	1.53	4.38	1.91	5.77	0.97	0.79	0.75	0.97	1.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	1863	2949	5865	8185	10400	10860	9502	5728	2909	2982	2131	2197
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	2125778		2135812			
ANNUAL MEAN	5808		5852		5440	
HIGHEST ANNUAL MEAN					11060	1949
LOWEST ANNUAL MEAN					1514	2000
HIGHEST DAILY MEAN	41400	Feb 27	58500	Apr 4	126000	Feb 26 1961
LOWEST DAILY MEAN	878	Oct 7	878	Oct 7	401	Nov 2 2000
ANNUAL SEVEN-DAY MINIMUM	897	Oct 2	897	Oct 2	405	Oct 29 2000
MAXIMUM PEAK FLOW			60300	Apr 3	128000	Feb 26 1961
MAXIMUM PEAK STAGE			25.26	Apr 3	31.64	Feb 26 1961
INSTANTANEOUS LOW FLOW			863	Oct 7	397	Nov 3 2000
ANNUAL RUNOFF (CFSM)	1.66		1.67		1.56	
ANNUAL RUNOFF (INCHES)	22.63		22.73		21.15	
10 PERCENT EXCEEDS	13700		15000		13600	
50 PERCENT EXCEEDS	2800		2710		2570	
90 PERCENT EXCEEDS	1160		1230		925	

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

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 2	1300	5,580	12.52	Sep. 1	1315	7,690	15.17
Apr. 8	1245	*8,700	*16.37				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	186	1270	307	1630	376	3690	546	754	71	172	6860
2	48	175	1460	296	3160	355	5360	463	646	67	161	3600
3	46	768	1100	289	3950	324	4310	317	403	66	143	727
4	45	1960	759	282	4250	300	1630	273	277	65	119	379
5	45	1650	657	275	2030	281	780	255	216	61	105	284
6	45	829	734	268	761	265	993	240	179	59	115	233
7	44	435	1650	272	595	281	3210	225	157	66	149	197
8	44	350	2200	1080	869	1300	7690	209	157	314	132	171
9	46	293	2630	1680	1830	1610	5360	195	148	757	106	155
10	58	259	3620	1220	2110	836	2250	183	134	437	85	141
11	379	295	4180	580	1690	494	885	182	297	741	88	128
12	721	620	3380	475	797	403	2210	182	1470	1000	92	119
13	457	458	1200	532	597	347	3890	170	1310	669	94	111
14	275	335	758	1900	1450	377	3910	156	994	544	90	105
15	184	287	624	1960	2050	492	1500	145	544	424	79	101
16	148	259	558	1130	1650	523	751	137	307	454	69	98
17	131	243	521	592	792	859	596	130	240	600	60	96
18	118	231	488	474	579	752	498	121	213	521	52	100
19	111	226	459	419	478	609	432	112	191	322	44	100
20	160	236	429	390	433	555	385	105	168	246	46	95
21	207	687	403	372	441	533	344	100	146	198	44	87
22	241	1870	384	354	479	534	314	99	128	173	48	81
23	202	1790	405	324	471	833	304	104	115	158	40	77
24	1570	2350	464	294	450	917	294	100	105	142	39	74
25	1530	2620	468	272	443	793	262	89	98	123	39	185
26	614	2310	446	266	423	688	306	79	91	109	35	2050
27	340	1620	414	262	386	1300	829	72	85	96	31	2000
28	268	2430	386	256	369	1590	679	66	80	85	31	1710
29	235	2380	358	333	---	1100	405	62	77	355	267	580
30	218	1680	337	578	---	576	446	313	75	436	2130	284
31	200	---	322	494	---	1880	---	678	---	218	4790	---
TOTAL	8781	29832	33064	18226	35163	22083	54513	6108	9805	9577	9495	20928
MEAN	283	994	1067	588	1256	712	1817	197	327	309	306	698
MAX	1570	2620	4180	1960	4250	1880	7690	678	1470	1000	4790	6860
MIN	44	175	322	256	369	265	262	62	75	59	31	74
CFSM	0.77	2.69	2.89	1.59	3.40	1.93	4.92	0.53	0.89	0.84	0.83	1.89
IN.	0.89	3.01	3.33	1.84	3.54	2.23	5.50	0.62	0.99	0.97	0.96	2.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	121	289	553	856	1110	1104	990	434	200	235	124	109
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	259363		257575			
ANNUAL MEAN	709		706		507	
HIGHEST ANNUAL MEAN					1076	2003
LOWEST ANNUAL MEAN					118	2000
HIGHEST DAILY MEAN	20800	Feb 7	7690	Apr 8	34700	Apr 8 2003
LOWEST DAILY MEAN	44	Oct 7	31	Aug 27	0.99	Sep 11 2000
ANNUAL SEVEN-DAY MINIMUM	45	Oct 3	38	Aug 22	1.1	Sep 5 2000
MAXIMUM PEAK FLOW			8700	Apr 8	42700	Apr 8 2003
MAXIMUM PEAK STAGE			16.37	Apr 8	27.33	Apr 8 2003
INSTANTANEOUS LOW FLOW			26	Aug 29	0.99	Sep 9 2000
ANNUAL RUNOFF (CFSM)	1.92		1.91		1.37	
ANNUAL RUNOFF (INCHES)	26.15		25.97		18.67	
10 PERCENT EXCEEDS	1690		1870		1270	
50 PERCENT EXCEEDS	322		337		166	
90 PERCENT EXCEEDS	90		77		25	

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.--Estimated daily discharges: October 6. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1900, 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)
Nov. 3	2015	2,030	7.71	Apr. 7	0000	1,950	7.62
Nov. 11	2200	1,500	7.02	Jun. 12	0815	1,850	7.49
Nov. 24	1015	1,510	7.03	Jul. 11	0100	1,770	7.38
Dec. 9	1100	1,530	7.29	Jul. 13	0730	1,340	6.80
Feb. 2	0530	2,000	7.68	Aug. 29	1830	2,020	7.70
Mar. 31	1645	*2,710	*8.58	Sep. 25	2230	1,420	6.91

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	27	245	47	548	70	1570	104	177	11	148	83
2	10	27	122	46	1690	64	580	64	59	9.2	42	57
3	9.4	1160	98	44	507	60	258	49	39	8.7	31	42
4	8.7	995	83	43	245	59	190	43	29	8.4	25	33
5	7.6	194	104	45	170	56	145	35	23	7.6	26	26
6	e8.7	111	160	49	127	54	666	34	23	40	24	22
7	7.1	81	442	61	107	253	1410	30	24	32	22	19
8	8.4	66	172	304	232	500	368	28	22	99	20	17
9	7.8	52	1040	88	542	134	224	27	21	47	18	16
10	127	46	468	68	227	98	159	26	23	343	23	14
11	207	271	220	60	143	82	142	27	581	1250	19	12
12	62	583	141	57	112	70	323	24	1330	288	41	12
13	39	123	109	389	176	68	139	23	209	823	34	10
14	27	83	86	183	696	86	103	21	106	168	17	11
15	23	67	76	100	199	72	91	20	71	125	15	8.9
16	19	56	70	81	145	167	78	20	51	193	11	7.6
17	17	50	67	68	112	102	70	17	41	528	11	6.6
18	17	45	60	61	92	82	64	17	33	139	10	6.5
19	22	45	55	58	80	75	59	14	27	82	10	7.1
20	47	51	52	54	80	75	53	22	25	66	8.7	5.6
21	32	621	48	55	98	90	47	62	22	80	15	5.6
22	25	239	78	50	79	126	47	25	21	57	10	4.9
23	57	129	233	44	112	117	46	20	18	41	7.4	5.7
24	732	1200	89	44	189	83	39	17	17	33	8.0	5.5
25	112	308	72	43	98	76	36	16	15	29	6.4	185
26	68	147	64	44	80	134	181	13	13	25	6.7	630
27	51	684	56	42	81	680	92	14	16	23	5.6	89
28	42	311	54	59	85	160	56	11	14	96	5.5	52
29	36	154	51	133	---	108	48	30	13	77	618	37
30	31	173	50	69	---	91	336	77	11	36	1240	29
31	27	---	48	281	---	1690	---	73	---	33	158	---
TOTAL	1897.7	8099	4713	2770	7052	5582	7620	1003	3074	4797.9	2636.3	1460.0
MEAN	61.2	270	152	89.4	252	180	254	32.4	102	155	85.0	48.7
MAX	732	1200	1040	389	1690	1690	1570	104	1330	1250	1240	630
MIN	7.1	27	48	42	79	54	36	11	11	7.6	5.5	4.9
CFSM	1.17	5.18	2.92	1.72	4.83	3.46	4.88	0.62	1.97	2.97	1.63	0.93
IN.	1.35	5.78	3.37	1.98	5.04	3.99	5.44	0.72	2.19	3.43	1.88	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	23.5	36.2	81.9	110	144	162	131	55.1	35.2	36.6	20.7	18.7
MAX	147	270	448	393	464	438	594	234	197	252	92.7	157
(WY)	1990	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	40108.7		50704.9			
ANNUAL MEAN	110		139		70.9	
HIGHEST ANNUAL MEAN					162	2003
LOWEST ANNUAL MEAN					14.0	2000
HIGHEST DAILY MEAN	2240	Feb 6	1690	Feb 2	6620	Apr 7 2003
LOWEST DAILY MEAN	5.5	Aug 19	4.9	Sep 22	0.17	Jul 15 2000
ANNUAL SEVEN-DAY MINIMUM	7.2	Aug 13	5.8	Sep 18	0.17	Aug 31 2000
MAXIMUM PEAK FLOW			2710	Mar 31	11900	Apr 7 2003
MAXIMUM PEAK STAGE			8.58	Mar 31	32.04a	Mar 28 1951
INSTANTANEOUS LOW FLOW			4.0	Sep 24	0.16	Jul 26 2000
ANNUAL RUNOFF (CFSM)	2.10		2.67		1.36	
ANNUAL RUNOFF (INCHES)	28.64		36.20		18.48	
10 PERCENT EXCEEDS	254		309		143	
50 PERCENT EXCEEDS	48		57		20	
90 PERCENT EXCEEDS	13		11		2.4	

e Estimated
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: Oct. 7, 15-17, 19, Nov. 11, 26-29, Dec. 3-4, 11-18, May 13, 22-25 and Jun. 17-23. 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. 24	0630	2,660	13.57	Apr. 7	0700	4,720	17.02
Nov. 4	0200	4,180	16.34	Jun. 12	1530	3,540	15.35
Nov. 25	0100	3,330	14.98	Jul. 11	0630	3,210	14.74
Dec. 9	1600	3,600	15.45	Aug. 30	0030	3,650	16.00
Feb. 2	1200	*4,930	*17.24	Sep. 26	0600	2,690	13.63
Apr. 1	1630	4,900	17.20				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137	479	1280	355	1370	840	4660	824	573	144	421	705
2	135	481	1230	339	4180	676	3930	535	472	138	287	830
3	152	2200	e1350	324	3190	597	1950	466	596	132	222	1130
4	134	3420	e1330	316	1390	440	965	372	646	128	195	1220
5	132	1240	1210	314	1330	393	1110	298	629	124	187	1230
6	131	1080	1220	329	1400	385	1670	284	446	227	188	1240
7	e136	1190	1690	331	1350	543	4390	273	242	197	177	1220
8	141	1150	1440	992	1400	1430	3340	262	161	606	166	1200
9	152	1110	2660	685	1740	778	1670	246	149	356	155	1080
10	391	930	2350	465	1510	558	1390	213	145	539	152	681
11	893	e855	e1520	720	1460	709	1550	202	786	2890	190	523
12	456	1580	e1610	844	1520	798	1620	190	3310	1090	198	495
13	454	771	e1560	1140	1260	783	1470	e181	2400	1700	301	373
14	475	637	e1500	1040	1940	779	1460	176	1020	1360	167	291
15	e472	574	e1450	734	1260	466	1540	167	1070	1060	145	277
16	e460	537	e1440	861	1290	637	1540	163	1270	1300	132	265
17	e453	414	e1400	872	1380	589	1510	158	e1330	2090	127	232
18	439	343	e1360	844	1350	474	1490	153	e1330	1520	123	181
19	e470	334	1310	671	1300	433	1450	149	e1310	1040	117	170
20	592	344	1290	562	1280	421	1350	152	e1290	905	114	163
21	512	1120	1270	541	986	455	1210	243	e1270	967	117	158
22	467	1370	920	448	718	536	1020	e178	e1250	1140	116	153
23	457	746	970	368	899	599	857	e160	e1150	870	109	150
24	2240	2450	973	347	981	453	785	e145	779	798	107	155
25	1320	2550	1140	294	1000	398	749	e135	375	763	101	276
26	783	e1100	1140	263	1160	383	797	122	205	715	108	2160
27	642	e790	1120	251	1020	1610	665	117	182	444	106	729
28	570	e1100	945	263	888	828	615	114	170	415	106	663
29	532	e1370	708	528	---	649	621	151	158	392	908	777
30	507	1360	473	358	---	614	1030	294	149	249	3250	588
31	490	---	380	618	---	3250	---	321	---	225	1890	---
TOTAL	15325	33625	40239	17017	40552	22504	48404	7444	24863	24524	10682	19315
MEAN	494	1121	1298	549	1448	726	1613	240	829	791	345	644
MAX	2240	3420	2660	1140	4180	3250	4660	824	3310	2890	3250	2160
MIN	131	334	380	251	718	383	615	114	145	124	101	150
CFSM	1.45	3.28	3.80	1.61	4.23	2.12	4.72	0.70	2.42	2.31	1.01	1.88
IN.	1.67	3.66	4.38	1.85	4.41	2.45	5.26	0.81	2.70	2.67	1.16	2.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2005, BY WATER YEAR (WY)

MEAN	180	330	578	806	1041	1074	950	514	298	272	176	194
MAX	725	1121	1569	2314	3160	2295	2427	1977	1275	1169	510	820
(WY)	2003	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1969 - 2005	
ANNUAL TOTAL	270357		304494			
ANNUAL MEAN	739		834		532	
HIGHEST ANNUAL MEAN					1031	2003
LOWEST ANNUAL MEAN					123	2000
HIGHEST DAILY MEAN	6540	Feb 6	4660	Apr 1	18700	Feb 16 1990
LOWEST DAILY MEAN	95	Jun 12	101	Aug 25	19	Nov 9 1981
ANNUAL SEVEN-DAY MINIMUM	113	May 24	108	Aug 22	22	Nov 13 1981
MAXIMUM PEAK FLOW			4930	Feb 2	22800	Feb 16 1990
MAXIMUM PEAK STAGE			17.24	Feb 2	22.65	Feb 16 1990
ANNUAL RUNOFF (CFSM)	2.16		2.44		1.55	
ANNUAL RUNOFF (INCHES)	29.41		33.12		21.12	
10 PERCENT EXCEEDS	1550		1530		1380	
50 PERCENT EXCEEDS	458		642		219	
90 PERCENT EXCEEDS	138		151		60	

e Estimated

02476600 OKATIBBEE CREEK AT ARUNDEL, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.26	5.94	9.03	5.67	9.46	7.54	16.93	7.48	6.56	4.57	5.84	6.99
2	4.25	5.95	8.83	5.60	16.15	6.95	15.91	6.42	6.16	4.52	5.25	7.30
3	4.37	11.46	---	5.53	14.58	6.66	11.35	6.14	6.65	4.48	4.93	8.45
4	4.25	14.99	---	5.50	9.54	6.03	7.98	5.74	6.84	4.45	4.79	8.80
5	4.23	8.88	8.78	5.49	9.29	5.84	8.50	5.41	6.77	4.42	4.74	8.87
6	4.23	8.26	8.79	5.56	9.56	5.80	10.32	5.34	6.05	5.00	4.74	8.89
7	---	8.69	10.58	5.56	9.36	6.40	16.61	5.29	5.12	4.87	4.68	8.82
8	4.29	8.54	9.69	8.08	9.54	9.68	14.95	5.23	4.68	6.55	4.61	8.74
9	4.37	8.36	13.01	6.98	10.79	7.32	10.46	5.16	4.60	5.61	4.54	8.26
10	5.41	7.68	12.56	6.14	9.96	6.51	9.53	4.98	4.57	6.26	4.52	6.72
11	7.54	---	---	7.10	9.77	7.07	10.13	4.92	7.03	14.04	4.75	6.12
12	5.84	10.15	---	7.55	10.0	7.39	10.41	4.86	14.92	8.39	4.76	6.01
13	5.84	7.06	---	8.64	9.04	7.33	9.82	---	12.81	10.68	5.28	5.50
14	5.93	6.55	---	8.24	11.50	7.32	9.78	4.77	8.20	9.38	4.61	5.12
15	---	6.32	---	7.15	9.06	6.14	10.08	4.72	8.35	8.26	4.47	5.06
16	---	6.18	---	7.61	9.17	6.80	10.08	4.69	9.10	9.16	4.38	5.00
17	---	5.67	---	7.65	9.47	6.62	9.97	4.66	---	11.98	4.34	4.83
18	5.78	5.37	---	7.55	9.37	6.17	9.87	4.63	---	9.99	4.31	4.55
19	---	5.33	9.24	6.93	9.20	6.00	9.72	4.60	---	8.20	4.27	4.49
20	6.39	5.37	9.14	6.53	9.13	5.95	9.39	4.62	---	7.70	4.25	4.44
21	6.08	8.41	9.07	6.44	8.06	6.10	8.86	5.14	---	7.93	4.27	4.41
22	5.90	9.40	7.82	6.06	7.10	6.41	8.17	---	---	8.57	4.26	4.37
23	5.85	6.97	8.00	5.73	7.75	6.66	7.60	---	---	7.57	4.21	4.36
24	12.36	12.44	8.01	5.63	8.04	6.09	7.34	---	7.32	7.31	4.19	4.39
25	9.20	13.14	8.60	5.39	8.11	5.86	7.21	---	5.74	7.17	4.14	4.98
26	7.11	---	8.62	5.24	8.67	5.79	7.38	4.40	4.94	7.00	4.20	12.08
27	6.57	---	8.53	5.18	8.17	10.36	6.90	4.37	4.81	5.94	4.18	6.91
28	6.31	---	7.91	5.23	7.71	7.49	6.72	4.34	4.73	5.79	4.18	6.65
29	6.16	---	7.06	6.38	---	6.85	6.75	4.56	4.66	5.72	7.26	7.09
30	6.06	9.36	6.16	5.68	---	6.72	8.21	5.39	4.60	5.07	15.50	6.37
31	5.99	---	5.78	6.65	---	13.91	---	5.49	---	4.95	11.73	---
MEAN	---	---	---	6.41	9.56	7.02	9.90	---	---	7.15	5.23	6.49
MAX	---	---	---	8.64	16.15	13.91	16.93	---	---	14.04	15.50	12.08
MIN	---	---	---	5.18	7.10	5.79	6.72	---	---	4.42	4.14	4.36

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.--Estimated daily discharges: April 7-13. Records good except for estimated daily discharges, which are poor. 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. 3	0530	10,200	25.02	Apr. 2	1500	*11,800	*26.35

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	225	685	3450	733	3670	1690	9290	2120	1750	266	728	7220
2	222	678	3270	724	7960	1470	11600	1460	1560	253	691	6460
3	236	2730	2760	711	9840	1260	9910	1110	1220	243	471	3480
4	221	6050	2300	684	7950	1120	5280	928	1120	234	398	1920
5	220	4930	2110	675	5280	956	3060	779	1010	230	364	1670
6	218	2460	2610	696	3380	931	2820	696	889	293	398	1560
7	215	1830	3980	748	2570	995	e8000	654	642	403	457	1510
8	213	1590	4530	2220	2800	3190	e11000	612	450	1270	362	1430
9	243	1440	5970	3010	4740	3170	e7700	578	398	1730	324	1340
10	358	1260	7610	2220	5020	2020	e4600	552	411	1140	312	952
11	1560	1180	6650	1540	3940	1560	e3500	560	1230	3950	330	619
12	1660	2400	5780	1610	2980	1570	e4200	546	5560	3640	319	555
13	1090	1570	3820	2230	2590	1490	e6600	499	5320	2440	489	485
14	860	1100	2630	3750	4250	1800	6620	466	3220	2460	335	343
15	694	904	2290	3280	4470	1650	4650	444	1950	2050	282	310
16	619	801	2140	2570	3550	1730	2990	424	1770	2330	252	295
17	580	690	2040	1960	2750	2140	2570	412	1750	3280	229	283
18	555	553	1960	1740	2430	1700	2390	390	1700	2810	219	240
19	576	527	1880	1560	2240	1380	2250	374	1620	1730	211	219
20	851	544	1790	1330	2130	1320	2130	376	1570	1390	210	209
21	845	1470	1730	1270	2140	1570	1930	520	1520	1250	208	194
22	785	3830	1620	1190	1780	1630	1750	451	1480	1650	217	184
23	702	3040	1960	1010	1800	2220	1520	401	1410	1270	227	176
24	4160	4690	1800	921	2440	1890	1390	369	1100	1070	194	173
25	3990	6300	1770	864	1880	1420	1300	331	681	981	187	318
26	2100	4490	1680	797	1970	1260	1440	299	361	917	180	5440
27	1200	3860	1580	778	1850	3870	2120	280	308	740	177	4220
28	970	5480	1450	777	1730	3470	1730	264	318	526	179	2850
29	842	4440	1200	1410	---	2370	1380	269	388	1040	876	1990
30	773	3560	955	1500	---	1730	1710	703	285	1020	5340	1210
31	721	---	775	1460	---	4860	---	1430	---	569	6730	---
TOTAL	28504	75082	86090	45968	100130	59432	127430	19297	42991	43175	21896	47855
MEAN	919	2503	2777	1483	3576	1917	4248	622	1433	1393	706	1595
MAX	4160	6300	7610	3750	9840	4860	11600	2120	5560	3950	6730	7220
MIN	213	527	775	675	1730	931	1300	264	285	230	177	173
CFSM	1.00	2.73	3.03	1.62	3.90	2.09	4.63	0.68	1.56	1.52	0.77	1.74
IN.	1.16	3.04	3.49	1.86	4.06	2.41	5.16	0.78	1.74	1.75	0.89	1.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	327	693	1380	2048	2752	2777	2504	1186	569	646	363	329
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	645979		697850			
ANNUAL MEAN	1765		1912		1290	
HIGHEST ANNUAL MEAN					2797	2003
LOWEST ANNUAL MEAN					311	2000
HIGHEST DAILY MEAN	28900	Feb 8	11600	Apr 2	58500	Feb 23 1961
LOWEST DAILY MEAN	201	Aug 19	173	Sep 24	18	Sep 25 1954
ANNUAL SEVEN-DAY MINIMUM	221	Oct 2	194	Aug 22	18	Sep 24 1954
MAXIMUM PEAK FLOW			11800	Apr 2	61700	Feb 23 1961
MAXIMUM PEAK STAGE			26.35	Apr 2	43.05a	Apr 9 2003
INSTANTANEOUS LOW FLOW			170	Sep 24	18	Sep 25 1954
ANNUAL RUNOFF (CFSM)	1.92		2.08		1.41	
ANNUAL RUNOFF (INCHES)	26.18		28.28		19.09	
10 PERCENT EXCEEDS	4150		4480		3200	
50 PERCENT EXCEEDS	924		1430		496	
90 PERCENT EXCEEDS	292		276		97	

e Estimated
a To present datum.

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.59	7.48	14.35	7.63	14.83	9.84	24.20	10.99	10.02	5.54	7.39	21.95
2	5.57	7.46	13.93	7.61	22.57	9.26	26.18	9.25	9.52	5.47	7.27	20.60
3	5.65	12.46	12.77	7.56	24.74	8.71	24.75	8.31	8.60	5.41	6.52	14.38
4	5.56	19.85	11.69	7.48	22.77	8.35	18.25	7.80	8.34	5.36	6.22	10.64
5	5.56	17.56	11.24	7.45	18.30	7.88	13.40	7.38	8.03	5.34	6.08	10.00
6	5.55	12.08	12.44	7.52	14.17	7.81	12.79	7.12	7.70	5.67	6.23	9.74
7	5.52	10.57	15.52	7.68	12.18	7.99	---	6.98	6.94	6.18	6.47	9.60
8	5.51	9.98	16.76	11.44	12.76	13.68	---	6.84	6.26	8.68	6.08	9.38
9	5.69	9.59	19.49	13.35	17.17	13.67	---	6.73	6.04	10.05	5.91	9.15
10	6.19	9.11	22.48	11.40	17.79	10.71	---	6.64	6.10	8.49	5.85	8.09
11	9.89	8.91	20.97	9.64	15.46	9.51	---	6.67	8.47	15.46	5.93	7.09
12	10.14	11.91	19.33	9.77	13.22	9.55	---	6.62	18.88	14.73	5.89	6.87
13	8.66	9.92	15.17	11.32	12.22	9.32	---	6.45	18.40	11.89	6.58	6.61
14	8.01	8.69	12.48	15.05	16.12	10.14	19.89	6.32	13.77	11.94	5.97	6.02
15	7.51	8.14	11.67	13.94	16.64	9.74	16.46	6.23	10.56	10.90	5.71	5.87
16	7.27	7.84	11.30	12.17	14.59	9.95	13.17	6.15	10.09	11.61	5.55	5.79
17	7.14	7.50	11.06	10.55	12.65	11.04	12.19	6.10	10.03	13.94	5.43	5.73
18	7.05	7.04	10.88	9.97	11.81	9.87	11.70	6.01	9.91	12.83	5.37	5.49
19	7.12	6.95	10.68	9.51	11.31	9.03	11.33	5.94	9.73	10.08	5.32	5.37
20	7.98	7.01	10.47	8.91	11.01	8.88	11.01	5.94	9.59	9.21	5.31	5.31
21	7.97	9.51	10.32	8.75	11.04	9.53	10.49	6.52	9.46	8.84	5.30	5.22
22	7.79	15.23	10.05	8.55	10.09	9.69	10.01	6.26	9.36	9.89	5.36	5.15
23	7.54	13.43	10.88	8.03	10.15	11.26	9.41	6.06	9.18	8.88	5.42	5.10
24	15.82	16.91	10.49	7.79	11.83	10.37	9.06	5.92	8.37	8.36	5.22	5.08
25	15.56	20.32	10.42	7.63	10.36	9.13	8.81	5.75	7.15	8.11	5.17	5.64
26	11.20	16.65	10.20	7.43	10.60	8.72	9.19	5.59	5.98	7.94	5.12	18.63
27	8.97	15.26	9.98	7.37	10.27	15.25	10.97	5.49	5.74	7.40	5.10	16.06
28	8.32	18.74	9.62	7.37	9.96	14.37	9.94	5.41	5.79	6.69	5.12	12.96
29	7.96	16.57	8.96	9.12	---	11.66	9.02	5.43	6.11	8.28	7.35	10.81
30	7.76	14.60	8.28	9.35	---	9.95	9.90	7.06	5.64	8.22	18.44	8.79
31	7.60	---	7.77	9.24	---	17.06	---	9.16	---	6.86	21.09	---
MEAN	7.86	11.91	12.63	9.37	14.16	10.38	---	6.75	8.99	8.98	6.77	9.24
MAX	15.82	20.32	22.48	15.05	24.74	17.06	---	10.99	18.88	15.46	21.09	21.95
MIN	5.51	6.95	7.77	7.37	9.96	7.81	---	5.41	5.64	5.34	5.10	5.08

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: March 12, 24-26, Apr. 17-23, 26-27, Jun. 16, 25-30, Jul. 1-5, Aug. 19-22, 24-28, and Sept. 13-25, 27. 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. 2	2115	6,020	23.23	Apr. 5	0515	5,990	23.17
Feb. 10	0730	5,080	20.89	Apr. 12	2145	*6,300	*23.93

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	369	1930	419	2540	1190	4120	801	1440	e208	500	1460
2	68	315	1710	402	5310	1070	4370	1240	890	e206	387	1280
3	65	1000	1310	380	5510	928	4810	1280	810	e205	351	1270
4	62	1370	1110	361	4490	788	5710	774	698	e205	391	1320
5	59	1300	932	345	3810	697	5890	544	487	e204	593	1220
6	56	1410	1410	341	3360	638	5220	455	376	309	417	734
7	55	1660	2010	346	3230	592	4120	397	320	314	336	476
8	56	2010	2180	683	3070	584	2740	368	281	223	301	365
9	57	2120	1920	1050	3440	734	2090	339	264	295	271	300
10	71	1020	2060	908	4920	997	2210	321	303	708	252	257
11	105	609	2010	853	4570	1100	2570	304	502	2090	320	223
12	202	593	1930	661	3990	e820	5430	291	986	1920	349	202
13	657	701	1940	1190	2890	686	5770	274	953	1970	353	e184
14	642	784	2070	2210	2280	595	4880	266	1150	2260	440	e171
15	416	643	1870	1500	1950	564	3850	323	1200	2730	631	e161
16	276	512	1070	1330	1680	1050	2290	301	e1420	3220	611	e154
17	207	424	779	1230	1640	1050	e1280	344	1030	3400	402	e148
18	167	366	680	915	1710	981	e995	308	593	2520	296	e145
19	143	334	620	698	1470	892	e891	248	452	1660	e231	e143
20	128	312	565	599	1050	755	e852	214	379	1450	e217	e142
21	196	362	523	541	871	1590	e748	207	328	1250	e208	e141
22	475	448	496	502	829	1630	e683	366	291	920	e203	e141
23	359	611	641	465	871	1420	e592	749	262	744	265	e139
24	282	2130	745	423	866	e1300	597	636	240	740	e217	e138
25	232	2310	855	387	920	e1240	565	444	e226	702	e205	e136
26	756	1570	905	360	1030	e1190	e513	298	e222	524	e200	449
27	1110	1760	751	343	1130	2040	e506	240	e220	424	e198	e1200
28	1370	2420	608	334	1180	1910	583	198	e217	366	e193	1590
29	1570	1990	528	388	---	1540	637	320	e214	331	806	1410
30	914	1570	479	499	---	1360	628	481	e212	335	3040	1320
31	476	---	444	775	---	2360	---	643	---	442	2550	---
TOTAL	11303	33023	37081	21438	70607	34291	76140	13974	16966	32875	15734	17019
MEAN	365	1101	1196	692	2522	1106	2538	451	566	1060	508	567
MAX	1570	2420	2180	2210	5510	2360	5890	1280	1440	3400	3040	1590
MIN	55	312	444	334	829	564	506	198	212	204	193	136
CFSM	0.74	2.24	2.43	1.41	5.13	2.25	5.16	0.92	1.15	2.16	1.03	1.15
IN.	0.85	2.50	2.80	1.62	5.34	2.59	5.76	1.06	1.28	2.49	1.19	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2005, BY WATER YEAR (WY)

MEAN	214	438	812	1353	1487	1562	1336	634	410	348	178	229
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1972 - 2005	
ANNUAL TOTAL	255306		380451			
ANNUAL MEAN	698		1042		748	
HIGHEST ANNUAL MEAN					1388	1980
LOWEST ANNUAL MEAN					240	2000
HIGHEST DAILY MEAN	4320	Feb 26	5890	Apr 5	11700	Mar 7 1979
LOWEST DAILY MEAN	55	Oct 7	55	Oct 7	3.4	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	59	Oct 3	59	Oct 3	3.7	Oct 24 2000
MAXIMUM PEAK FLOW			6300	Apr 12	12200	Mar 6 1979
MAXIMUM PEAK STAGE			23.93	Apr 12	34.90a	Mar 6 1979
INSTANTANEOUS LOW FLOW			54	Oct 7,8	3.3	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.42		2.12		1.52	
ANNUAL RUNOFF (INCHES)	19.30		28.77		20.64	
10 PERCENT EXCEEDS	1790		2280		2010	
50 PERCENT EXCEEDS	424		638		319	
90 PERCENT EXCEEDS	118		205		43	

e Estimated
a To present datum.

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'55", long 88°32'53", 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: Oct. 1-6, Oct. 11 - Dec. 5, Jun. 30-31 and Sept. 16-22. 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. 6	0345	19,100	24.68	Apr. 3	1800	*22,800	*26.27
Feb. 12	1930	17,400	23.77	Apr. 14	0415	21,700	25.86

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e795	e1400	e10000	2790	4540	5200	15500	6780	3550	970	2160	11600
2	e771	e1900	e9800	2540	9900	4930	21000	5890	5700	1020	2340	11100
3	e743	e3200	e8700	2390	14900	4560	22500	5750	5190	956	2040	10000
4	e725	e4500	e7300	2290	17300	4310	22400	4940	4160	914	1930	9590
5	e710	e4200	e6100	2230	18700	3860	21400	3790	3780	989	2140	9450
6	e690	e4000	6020	2170	19100	3490	21000	3010	2920	4210	2710	7850
7	677	e3500	6810	2120	18600	3190	21200	2590	2420	7760	2890	4890
8	661	e2800	8710	2440	17600	3020	20000	2310	2220	3180	2040	3440
9	657	e2500	10200	3910	15100	3110	17600	2120	2340	2220	1660	2940
10	676	e1900	11300	4670	13100	4880	16100	1990	1940	2560	1480	2660
11	e1600	e2200	11400	5410	15500	6350	15800	1910	1860	6490	1320	2460
12	e2100	e2400	11700	5000	17200	5510	16900	1820	4320	8300	1310	2230
13	e1650	e1800	12200	4160	16800	4170	18900	1740	6040	7590	1360	1890
14	e1500	e2000	12600	5770	14500	3620	21000	1660	7540	7580	1410	1620
15	e1300	e2500	12200	7690	11300	3360	21600	1600	8670	8270	1500	1480
16	e1090	e2300	9650	8330	10100	3680	20200	1700	8440	8590	1520	e1380
17	e1050	e2050	6180	7670	10300	5070	17400	2600	6290	8770	1470	e1200
18	e1000	e1850	4810	6400	9910	5290	12400	2220	4390	8400	1270	e1150
19	e960	e1600	4270	4880	8650	5190	7780	1670	3690	8110	1110	e1100
20	e1050	e1400	3970	3960	7020	4710	6200	1470	3140	7120	1010	e1050
21	e1000	e1800	3770	3550	5830	4200	5540	1350	2790	5400	942	e1000
22	e950	e2100	3670	3220	5260	5390	5050	1300	2550	4090	896	e970
23	e850	e2300	4060	2920	5120	7060	5160	1430	2370	3360	1220	995
24	e1100	e6000	4450	2750	4900	7220	5450	1750	2230	3120	1920	996
25	e1300	e11000	4640	2590	4820	7030	4520	1770	2120	3060	1510	1050
26	e1200	e8600	4800	2430	6000	6390	3980	1720	1950	2700	1190	1160
27	e1900	e8000	4330	2270	5780	6060	3680	1430	1670	2340	1070	2060
28	e3000	e11500	3850	2180	5250	7310	3550	1300	1420	2070	949	5570
29	e2500	e12300	3530	2260	---	8770	3930	1300	e1150	1850	2100	7680
30	e2100	e10500	3310	2530	---	8930	5240	1290	e950	1690	8190	7170
31	e1850	---	3060	2890	---	8380	---	1730	---	1660	11100	---
TOTAL	38155	124100	217390	116410	313080	164240	402980	73930	107800	135339	65757	117731
MEAN	1231	4137	7013	3755	11180	5298	13430	2385	3593	4366	2121	3924
MAX	3000	12300	12600	8330	19100	8930	22500	6780	8670	8770	11100	11600
MIN	657	1400	3060	2120	4540	3020	3550	1290	950	914	896	970
MED	1050	2450	6100	2890	10200	5070	16000	1750	2860	3180	1500	2140
CFSM	0.46	1.54	2.61	1.40	4.16	1.97	4.99	0.89	1.34	1.62	0.79	1.46
IN.	0.53	1.72	3.01	1.61	4.33	2.27	5.57	1.02	1.49	1.87	0.91	1.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	1107	1900	4025	5825	7479	8470	7555	4086	2131	2103	1365	1330
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	1564070		1876912			
ANNUAL MEAN	4273		5142		3929	
HIGHEST ANNUAL MEAN					7710	1949
LOWEST ANNUAL MEAN					1252	2000
HIGHEST DAILY MEAN	25900	Feb 15	22500	Apr 3	72600	Feb 28 1961
LOWEST DAILY MEAN	657	Oct 9	657	Oct 9	162	Oct 30 1963
ANNUAL SEVEN-DAY MINIMUM	685	Oct 4	685	Oct 4	166	Oct 25 1963
MAXIMUM PEAK FLOW			22800	Apr 3	73600	Feb 28 1961
MAXIMUM PEAK STAGE			26.27	Apr 3	33.52	Feb 28 1961
INSTANTANEOUS LOW FLOW			655	Oct 8,9	160	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.59		1.91		1.46	
ANNUAL RUNOFF (INCHES)	21.63		25.96		19.85	
10 PERCENT EXCEEDS	10200		11500		10500	
50 PERCENT EXCEEDS	2500		3440		1890	
90 PERCENT EXCEEDS	1030		1100		488	

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: June 11-12. 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)
Dec. 14	0000	30,600	18.17	Apr. 4	2000	*81,400	*24.74
Feb. 7	1100	46,900	22.18	Sep. 2	2200	39,500	20.21

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1810	3480	18900	5540	9010	10700	30400	18400	6720	2550	3820	35900
2	1770	3140	18600	5180	19100	9910	52000	17900	8790	2680	4730	38800
3	1740	5130	17600	4870	30200	9210	69000	15600	9070	2760	4600	38900
4	1710	10500	15500	4680	36900	9570	79700	12800	7620	2550	4230	35600
5	1680	10500	13500	4540	41600	9210	78200	10200	6720	2490	4480	30000
6	1660	10400	12600	4460	44900	8070	70300	7830	6050	6460	4660	23000
7	1650	10900	13400	4400	46700	7190	62100	6500	5320	15200	5170	17000
8	1640	10700	17200	5470	44900	6690	52500	5750	4650	10100	4680	12000
9	1690	8660	21600	9370	39800	6460	47000	5280	4760	6000	4010	8610
10	1920	6820	25000	10700	34100	7430	43700	4980	5050	6170	3680	6940
11	2860	6630	26500	12000	32600	10500	41200	4760	e5500	9260	3490	6050
12	4210	6470	28400	12200	35300	11300	41900	4550	e10000	12000	3210	5440
13	4030	5850	30100	10700	38900	9160	43400	4360	10400	11700	3140	4820
14	4300	5690	30000	13600	38900	7320	46200	4180	10900	10500	3150	4370
15	4530	6330	26400	18400	33700	6550	47400	4030	12000	10500	3040	4020
16	4070	5810	21900	20900	27700	6630	45700	3910	12600	13500	2990	3780
17	3510	4910	15800	20400	23800	9360	41100	4140	11600	14500	2940	3580
18	3070	4280	10400	18500	21900	13100	34000	4680	8620	15000	2770	3400
19	2910	3860	8500	14900	19500	12700	24200	4140	6570	13900	2580	3260
20	3000	3660	7610	10900	16200	11600	14800	3790	5620	13000	2410	3180
21	2680	3950	7020	8410	13000	10100	11200	3520	4950	10700	2220	3110
22	2560	4480	6630	7220	11000	10700	9820	3350	4470	8280	2230	2980
23	2650	4740	7920	6460	10100	15200	9030	3340	4120	7250	2660	3040
24	2980	7750	9580	5950	9840	17500	9410	3490	3860	6520	3570	3110
25	2870	19000	10100	5530	9930	17500	9600	3650	3670	5760	3850	3200
26	2760	18600	10500	5180	11200	16000	9390	3510	3490	5080	3150	3240
27	4140	16900	9550	4880	12200	14200	8640	3360	3260	4510	2660	3260
28	5720	18500	8260	4690	11600	14100	7870	3060	2960	4030	2410	4880
29	5060	20100	7140	4800	---	16700	7930	2910	2740	3630	2330	8460
30	4290	19700	6440	5300	---	18500	10400	3120	2600	3430	23500	10400
31	4000	---	5960	5780	---	18900	---	4220	---	3420	31200	---
TOTAL	93470	267440	468610	275910	724580	352060	1058090	185310	194680	243430	153560	334330
MEAN	3015	8915	15120	8900	25880	11360	35270	5978	6489	7853	4954	11140
MAX	5720	20100	30100	20900	46700	18900	79700	18400	12600	15200	31200	38900
MIN	1640	3140	5960	4400	9010	6460	7870	2910	2600	2490	2220	2980
CFSM	0.46	1.35	2.29	1.35	3.93	1.72	5.35	0.91	0.98	1.19	0.75	1.69
IN.	0.53	1.51	2.65	1.56	4.09	1.99	5.97	1.05	1.10	1.37	0.87	1.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2005, BY WATER YEAR (WY)

MEAN	3246	5184	10260	15140	18880	20390	18470	10450	5524	5610	4061	3846
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931 - 2005	
ANNUAL TOTAL	4019200		4351470			
ANNUAL MEAN	10980		11920		10040	
HIGHEST ANNUAL MEAN					19410	1949
LOWEST ANNUAL MEAN					2921	2000
HIGHEST DAILY MEAN	70300	Feb 16	79700	Apr 4	176000	Feb 27 1961
LOWEST DAILY MEAN	1640	Oct 8	1640	Oct 8	648	Oct 30 2000
ANNUAL SEVEN-DAY MINIMUM	1680	Oct 3	1680	Oct 3	656	Oct 25 2000
MAXIMUM PEAK FLOW			81400	Apr 4	178000	Feb 27 1961
MAXIMUM PEAK STAGE			24.74	Apr 4	30.66	Feb 27 1961
INSTANTANEOUS LOW FLOW			1640	Oct 7,8,9	647	Aug 25 2000
ANNUAL RUNOFF (CFSM)	1.67		1.81		1.52	
ANNUAL RUNOFF (INCHES)	22.69		24.56		20.70	
10 PERCENT EXCEEDS	25700		30100		24900	
50 PERCENT EXCEEDS	6010		7140		5140	
90 PERCENT EXCEEDS	2670		2970		1600	

e Estimated

02479000 PASCAGOULA RIVER AT MERRILL, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.46	5.13	14.17	6.94	9.16	10.14	17.89	13.96	7.71	4.45	5.60	19.47
2	3.42	4.82	14.05	6.68	14.29	9.67	22.10	13.74	9.03	4.58	6.33	20.06
3	3.39	6.37	13.58	6.44	18.31	9.28	23.77	12.67	9.19	4.65	6.24	20.08
4	3.35	9.82	12.57	6.30	20.03	9.48	24.62	11.23	8.32	4.45	5.94	19.41
5	3.31	9.80	11.50	6.19	21.08	9.28	24.50	9.83	7.75	4.39	6.14	18.00
6	3.30	9.75	11.02	6.12	21.77	8.60	23.88	8.45	7.29	7.23	6.28	15.78
7	3.28	10.02	11.44	6.08	22.14	8.05	23.17	7.60	6.78	12.45	6.66	13.26
8	3.27	9.92	13.38	6.88	21.97	7.73	22.25	7.09	6.28	9.73	6.30	10.64
9	3.33	8.76	15.30	9.35	21.10	7.57	21.54	6.75	6.36	7.25	5.76	8.72
10	3.59	7.62	16.50	10.09	20.02	8.20	21.02	6.53	6.58	7.38	5.49	7.69
11	4.54	7.50	16.99	10.84	19.76	9.98	20.55	6.36	---	9.28	5.33	7.10
12	5.74	7.39	17.54	10.93	20.50	10.44	20.68	6.20	---	10.83	5.08	6.66
13	5.59	6.97	18.03	10.10	21.32	9.24	20.97	6.05	9.94	10.66	5.01	6.21
14	5.81	6.85	18.01	11.66	21.41	8.13	21.42	5.90	10.25	9.98	5.02	5.86
15	5.99	7.29	16.96	13.95	20.37	7.64	21.62	5.78	10.85	9.98	4.92	5.57
16	5.63	6.94	15.41	15.03	18.53	7.69	21.34	5.69	11.15	11.61	4.88	5.37
17	5.15	6.28	12.70	14.81	17.10	9.34	20.53	5.87	10.61	12.13	4.82	5.21
18	4.76	5.80	9.84	13.99	16.17	11.39	19.02	6.29	8.92	12.35	4.66	5.05
19	4.61	5.45	8.79	12.28	14.98	11.20	16.14	5.87	7.64	11.83	4.48	4.93
20	4.69	5.28	8.27	10.22	13.27	10.60	12.25	5.59	6.99	11.36	4.31	4.85
21	4.39	5.52	7.92	8.80	11.45	9.80	10.40	5.35	6.50	10.12	4.11	4.78
22	4.27	5.95	7.68	8.07	10.30	10.14	9.62	5.20	6.13	8.73	4.12	4.67
23	4.36	6.15	8.50	7.57	9.77	12.43	9.17	5.20	5.85	8.09	4.55	4.72
24	4.67	8.08	9.49	7.22	9.64	13.53	9.39	5.33	5.64	7.61	5.39	4.79
25	4.57	14.23	9.80	6.93	9.69	13.53	9.50	5.46	5.48	7.09	5.64	4.87
26	4.47	14.03	10.01	6.68	10.41	12.82	9.38	5.34	5.33	6.60	5.02	4.90
27	5.66	13.28	9.47	6.45	10.93	11.94	8.94	5.21	5.12	6.16	4.56	4.92
28	6.87	14.00	8.71	6.30	10.61	11.91	8.48	4.94	4.85	5.78	4.31	6.22
29	6.39	14.71	8.02	6.39	---	13.18	8.51	4.80	4.64	5.45	4.23	8.63
30	5.80	14.52	7.56	6.76	---	14.00	9.92	4.99	4.50	5.27	15.91	9.73
31	5.57	---	7.23	7.11	---	14.16	---	5.93	---	5.27	18.34	---
MEAN	4.62	8.61	11.95	8.81	16.29	10.36	17.09	6.94	---	8.15	5.98	8.94
MAX	6.87	14.71	18.03	15.03	22.14	14.16	24.62	13.96	---	12.45	18.34	20.08
MIN	3.27	4.82	7.23	6.08	9.16	7.57	8.48	4.80	---	4.39	4.11	4.67

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)
Apr. 1	1730	*10,900	*21.46	Apr. 30	1430	4,010	13.72
Apr. 12	0930	3,850	13.42	Aug. 30	2030	8,010	19.49

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	114	749	338	1530	543	8180	1470	1920	111	158	5500
2	83	176	647	345	2740	475	7960	802	1010	115	232	3280
3	82	783	548	338	2450	574	5710	644	511	118	187	1910
4	81	495	462	333	1650	776	2600	448	354	116	170	1100
5	82	372	401	331	1160	661	1390	319	270	113	204	740
6	83	294	569	332	802	555	955	274	235	334	175	528
7	82	230	758	349	557	485	1080	249	224	461	153	380
8	83	183	882	1020	501	511	839	232	243	273	136	312
9	102	164	803	1100	846	482	735	219	250	218	127	277
10	229	153	791	817	1580	451	691	221	215	350	125	254
11	538	230	637	603	1620	423	567	221	252	408	115	234
12	422	283	503	479	1540	404	3050	211	284	367	114	217
13	282	260	465	868	1130	388	1650	199	221	278	115	205
14	219	247	385	1430	1080	377	958	190	193	215	136	194
15	172	213	350	1080	949	378	733	183	183	210	131	187
16	146	187	333	884	778	704	534	178	171	232	130	177
17	131	173	327	730	677	667	437	170	155	217	118	172
18	124	164	320	511	583	595	379	158	161	196	114	170
19	130	161	317	403	502	570	348	161	164	210	110	167
20	136	203	307	379	467	471	320	166	156	221	118	165
21	128	407	300	368	459	492	301	155	149	185	115	163
22	125	431	310	366	467	607	284	147	136	277	130	158
23	124	356	861	343	449	962	267	178	123	170	204	161
24	122	1920	716	320	508	736	265	174	113	142	211	183
25	121	1170	505	310	729	611	312	150	112	128	169	214
26	120	719	429	308	687	521	309	140	108	125	137	208
27	122	777	372	305	589	547	312	134	105	123	121	188
28	124	1030	350	304	622	500	284	129	101	128	113	173
29	122	736	338	367	---	462	261	135	101	145	2380	163
30	120	602	330	387	---	452	2370	654	109	139	7770	154
31	118	---	326	401	---	1120	---	916	---	143	7120	---
TOTAL	4639	13233	15391	16449	27652	17500	44081	9627	8329	6468	21338	17934
MEAN	150	441	496	531	988	565	1469	311	278	209	688	598
MAX	538	1920	882	1430	2740	1120	8180	1470	1920	461	7770	5500
MIN	81	114	300	304	449	377	261	129	101	111	110	154
CFSM	0.42	1.24	1.40	1.49	2.78	1.59	4.14	0.87	0.78	0.59	1.94	1.68
IN.	0.49	1.39	1.61	1.72	2.90	1.83	4.62	1.01	0.87	0.68	2.24	1.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	319	434	703	995	1041	1035	966	609	457	402	305	315
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	191753		202641			
ANNUAL MEAN	524		555		630	
HIGHEST ANNUAL MEAN					998	1980
LOWEST ANNUAL MEAN					159	2000
HIGHEST DAILY MEAN	6830	Feb 26	8180	Apr 1	32200	Apr 8 1983
LOWEST DAILY MEAN	81	Oct 4	81	Oct 4	32	Aug 25 2000
ANNUAL SEVEN-DAY MINIMUM	82	Oct 2	82	Oct 2	36	Sep 30 2000
MAXIMUM PEAK FLOW			10900	Apr 1	42500	Apr 7 1983
MAXIMUM PEAK STAGE			21.46	Apr 1	29.96	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.48		1.56		1.77	
ANNUAL RUNOFF (INCHES)	20.09		21.23		24.10	
10 PERCENT EXCEEDS	1170		1010		1370	
50 PERCENT EXCEEDS	304		308		340	
90 PERCENT EXCEEDS	129		122		117	

02479143 MIDDLE CREEK NEAR BROOKLYN, MS

LOCATION.--Lat 31°05'03", long 89°07'31", in NW1/4 NW1/4 sec.32, T.2 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, at county road maintained by the U.S. Army National Guard at Camp Shelby about 3 miles east northeast of Brooklyn, MS.

DRAINAGE AREA.--4.05 mi^2.

PERIOD OF RECORD.--2004 to current.

GAGE.--Water-stage recorder. Datum of gage is 175 ft above NGVD of 1929 (from topo map).

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--
2004 Water Year: Maximum discharge 87 ft^3/s, maximum gage height 3.33 ft, July 16, minimum dishcarge, 0.33 ft^3/s, Sept. 10-12.
2005 Water Year: Maximum discharge 887 ft^3/s, maximum gage height 7.27 ft, August 29, minimum discharge, 0.30 ft^3/s, May 27-29 and Jun. 27-30.

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	---	---	---	---	---	---	---	---	---	---	11	1.1
2	---	---	---	---	---	---	---	---	---	---	5.3	0.94
3	---	---	---	---	---	---	---	---	---	---	3.0	0.96
4	---	---	---	---	---	---	---	---	---	---	2.2	1.6
5	---	---	---	---	---	---	---	---	---	---	1.8	1.7
6	---	---	---	---	---	---	---	---	---	---	1.7	1.1
7	---	---	---	---	---	---	---	---	---	---	1.5	0.78
8	---	---	---	---	---	---	---	---	---	---	1.3	0.56
9	---	---	---	---	---	---	---	---	---	---	1.2	0.46
10	---	---	---	---	---	---	---	---	---	---	2.0	0.41
11	---	---	---	---	---	---	---	---	---	---	5.1	0.40
12	---	---	---	---	---	---	---	---	---	---	4.2	0.40
13	---	---	---	---	---	---	---	---	---	---	3.3	0.46
14	---	---	---	---	---	---	---	---	---	---	2.2	0.54
15	---	---	---	---	---	---	---	---	---	2.6	1.6	0.77
16	---	---	---	---	---	---	---	---	---	27	1.2	6.0
17	---	---	---	---	---	---	---	---	---	36	1.0	12
18	---	---	---	---	---	---	---	---	---	18	0.89	5.4
19	---	---	---	---	---	---	---	---	---	10	0.81	3.1
20	---	---	---	---	---	---	---	---	---	6.7	0.89	2.3
21	---	---	---	---	---	---	---	---	---	5.0	1.8	1.9
22	---	---	---	---	---	---	---	---	---	4.1	3.2	1.7
23	---	---	---	---	---	---	---	---	---	3.5	2.7	1.6
24	---	---	---	---	---	---	---	---	---	3.0	2.4	1.7
25	---	---	---	---	---	---	---	---	---	2.6	2.4	1.7
26	---	---	---	---	---	---	---	---	---	2.6	2.0	1.6
27	---	---	---	---	---	---	---	---	---	10	1.7	1.4
28	---	---	---	---	---	---	---	---	---	5.6	1.3	1.2
29	---	---	---	---	---	---	---	---	---	3.5	1.2	1.2
30	---	---	---	---	---	---	---	---	---	2.7	1.2	1.1
31	---	---	---	---	---	---	---	---	---	3.2	1.2	---
TOTAL	---	---	---	---	---	---	---	---	---	---	73.29	56.08
MEAN	---	---	---	---	---	---	---	---	---	---	2.36	1.87
MAX	---	---	---	---	---	---	---	---	---	---	11	12
MIN	---	---	---	---	---	---	---	---	---	---	0.81	0.40
CFSM	---	---	---	---	---	---	---	---	---	---	0.58	0.46
IN.	---	---	---	---	---	---	---	---	---	---	0.67	0.52

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

MEAN	---	---	---	---	---	---	---	---	---	---	2.36	1.87
MAX	---	---	---	---	---	---	---	---	---	---	2.36	1.87
(WY)	---	---	---	---	---	---	---	---	---	---	2004	2004
MIN	---	---	---	---	---	---	---	---	---	---	2.36	1.87
(WY)	---	---	---	---	---	---	---	---	---	---	2004	2004

02479143 MIDDLE CREEK NEAR BROOKLYN, MS--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	0.88	21	4.1	36	4.8	299	26	40	0.61	e0.89	20
2	0.99	4.4	13	3.9	49	3.6	44	12	15	2.2	e2.3	13
3	1.0	59	10	3.5	28	11	27	7.7	9.6	6.9	e1.9	9.0
4	1.0	22	8.6	3.5	18	10	20	5.6	5.7	2.0	e1.4	6.7
5	0.98	6.9	15	3.7	13	6.5	16	4.4	3.6	3.4	e1.4	4.7
6	0.94	3.7	18	3.6	10	4.8	15	3.3	e1.5	34	e1.3	3.4
7	0.82	2.7	21	4.3	8.9	4.6	15	2.9	e1.0	20	e1.2	2.5
8	0.76	2.1	17	26	9.1	6.6	11	2.5	e0.60	7.6	e3.0	1.8
9	1.7	1.7	22	14	20	4.3	9.6	2.2	e1.0	5.8	e2.3	1.3
10	11	1.9	18	9.0	18	3.5	8.0	2.6	e0.70	11	e1.5	0.96
11	17	26	11	7.3	11	3.2	7.4	2.3	e2.5	14	e1.3	0.67
12	5.9	21	8.8	6.5	8.5	2.8	23	1.8	e6.2	8.2	e1.2	e3.8
13	2.9	10	7.5	12	7.8	2.6	12	1.4	e3.5	9.9	e0.96	e3.4
14	1.9	6.5	5.8	17	16	2.6	7.5	1.3	e0.95	3.9	e4.0	e3.3
15	1.6	4.3	5.2	10	11	3.2	6.1	1.2	e1.1	4.8	e2.1	e3.1
16	1.3	3.3	5.0	7.4	8.8	14	5.0	1.1	e1.3	9.9	e0.55	e3.0
17	1.1	2.8	4.9	5.7	7.0	8.5	4.2	0.90	e1.6	19	e0.45	e2.8
18	0.98	2.3	4.5	4.9	5.5	5.5	3.7	0.79	e1.4	8.8	e0.60	e2.6
19	1.2	2.4	4.2	4.6	4.8	4.3	3.4	0.75	e1.5	3.3	e6.4	e2.3
20	1.5	8.1	3.7	4.6	4.6	4.3	3.1	0.72	e1.2	1.5	e1.8	e2.2
21	1.3	13	3.6	4.3	4.6	6.8	2.9	0.67	e0.77	e0.55	e2.5	e2.1
22	1.2	7.7	7.6	3.8	4.4	11	2.7	0.61	e0.65	e1.2	e5.4	e2.0
23	1.3	8.2	26	3.1	4.3	11	2.3	0.57	e0.60	e1.6	e11	e2.2
24	1.3	185	12	2.8	6.6	7.1	1.9	0.48	e0.50	e0.65	e1.8	e5.8
25	1.3	38	7.8	3.0	9.8	5.0	1.9	0.41	e0.41	e0.41	e0.96	e10
26	1.2	23	6.3	3.0	6.1	4.2	4.7	0.44	e0.37	e0.41	e0.83	e4.0
27	1.1	32	5.1	2.8	6.7	6.0	4.6	0.40	e0.30	e0.37	e0.65	e2.6
28	1.0	27	4.6	3.4	7.1	4.6	2.9	0.30	0.30	e0.55	e0.71	e2.0
29	0.99	17	4.5	8.3	---	3.2	2.1	0.41	0.31	e0.71	340	e1.9
30	0.94	15	4.4	5.9	---	3.1	78	12	0.49	e0.41	108	e1.7
31	0.89	---	4.2	6.6	---	30	---	41	---	e0.37	33	---
TOTAL	68.19	557.88	310.3	202.6	344.6	202.7	644.0	138.75	104.65	184.04	541.40	124.83
MEAN	2.20	18.6	10.0	6.54	12.3	6.54	21.5	4.48	3.49	5.94	17.5	4.16
MAX	17	185	26	26	49	30	299	41	40	34	340	20
MIN	0.76	0.88	3.6	2.8	4.3	2.6	1.9	0.30	0.30	0.37	0.45	0.67
CFSM	0.54	4.59	2.47	1.61	3.04	1.61	5.30	1.11	0.86	1.47	4.31	1.03
IN.	0.63	5.12	2.85	1.86	3.17	1.86	5.92	1.27	0.96	1.69	4.97	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	2.20	18.6	10.0	6.54	12.3	6.54	21.5	4.48	3.49	5.94	9.91	3.02
MAX	2.20	18.6	10.0	6.54	12.3	6.54	21.5	4.48	3.49	5.94	17.5	4.16
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005
MIN	2.20	18.6	10.0	6.54	12.3	6.54	21.5	4.48	3.49	5.94	2.36	1.87
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2004	2004

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	3423.94			
ANNUAL MEAN	9.38		9.38	
HIGHEST ANNUAL MEAN			9.38	2005
LOWEST ANNUAL MEAN			9.38	2005
HIGHEST DAILY MEAN	340	Aug 29	340	Aug 29 2005
LOWEST DAILY MEAN	0.30	May 28	0.30	May 28 2005
ANNUAL SEVEN-DAY MINIMUM	0.38	Jun 24	0.38	Jun 24 2005
MAXIMUM PEAK FLOW	887	Aug 29	887	Aug 29 2005
MAXIMUM PEAK STAGE	7.27	Aug 29	7.27	Aug 29 2005
INSTANTANEOUS LOW FLOW	0.30	May 27-29a	0.30	May 27 2005
ANNUAL RUNOFF (CFSM)	2.32		2.32	
ANNUAL RUNOFF (INCHES)	31.45		31.47	
10 PERCENT EXCEEDS	18		18	
50 PERCENT EXCEEDS	3.9		3.9	
90 PERCENT EXCEEDS	0.72		0.72	

e Estimated
a Also occurred on June 27-30.

02479144 PEARCES CREEK NEAR JANICE, MS

LOCATION.--Lat 31°05'10", long 89°05'08", in SW1/4 SE1/4 sec.34, T.2 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, at gravel road maintained by the U.S. Army National Guard and is 5.25 miles north northwest of crossroads at Janice, MS.

DRAINAGE AREA.--17.6 mi^2.

PERIOD OF RECORD.--December 1992 - March 1993, short term study, July 2004 - February 2005, miscellaneous site. March 2005 to current year

GAGE.--Water-stage recorder. Datum of gage is 140 ft above NGVD of 1929 (from topo map).

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Maximum dischare 4,130 ft^3/s, maximum gage height 16.64 ft, April 1, minimum discharge, 1.4 ft^3/s, May 28, Jun. 29 and Jul. 2.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	1610	74	179	1.8	6.9	66
2	---	---	---	---	---	---	145	32	35	3.7	8.0	45
3	---	---	---	---	---	---	75	19	19	8.0	10	35
4	---	---	---	---	---	---	55	14	12	6.3	18	24
5	---	---	---	---	---	---	44	11	7.4	7.7	8.9	23
6	---	---	---	---	---	---	44	8.5	5.7	83	5.5	20
7	---	---	---	---	---	---	51	7.4	4.9	47	3.3	17
8	---	---	---	---	---	---	37	6.4	4.1	16	2.1	15
9	---	---	---	---	---	---	30	6.1	3.4	16	1.3	13
10	---	---	---	---	---	---	25	7.0	3.8	38	1.6	12
11	---	---	---	---	---	---	23	6.1	13	48	1.3	11
12	---	---	---	---	---	---	76	4.8	36	27	1.2	9.7
13	---	---	---	---	---	---	45	4.1	18	26	3.0	9.0
14	---	---	---	---	---	---	24	3.7	8.4	13	4.3	8.5
15	---	---	---	---	---	24	19	3.6	5.2	13	1.7	8.0
16	---	---	---	---	---	75	16	e3.3	6.2	49	1.1	7.6
17	---	---	---	---	---	60	13	e3.0	5.6	109	1.2	7.6
18	---	---	---	---	---	40	11	e2.7	5.6	26	3.8	7.5
19	---	---	---	---	---	33	10	e2.5	5.2	11	16	7.1
20	---	---	---	---	---	33	9.2	2.3	3.7	5.3	11	6.5
21	---	---	---	---	---	57	8.6	2.2	2.8	3.7	5.6	6.0
22	---	---	---	---	---	83	7.8	2.1	2.4	7.1	14	5.8
23	---	---	---	---	---	89	6.5	2.0	2.1	5.2	64	7.3
24	---	---	---	---	---	53	5.6	1.9	2.0	2.7	22	16
25	---	---	---	---	---	40	5.5	2.1	1.9	1.6	7.0	23
26	---	---	---	---	---	36	13	1.8	1.8	1.2	4.9	16
27	---	---	---	---	---	45	13	1.7	1.7	1.8	2.8	11
28	---	---	---	---	---	39	8.2	1.6	1.7	3.4	2.1	8.7
29	---	---	---	---	---	31	6.1	2.3	1.7	1.5	1680	7.7
30	---	---	---	---	---	28	205	27	1.8	1.2	615	6.8
31	---	---	---	---	---	170	---	112	---	1.3	121	---
TOTAL	---	---	---	---	---	---	2641.5	378.2	401.1	585.5	2648.6	460.8
MEAN	---	---	---	---	---	---	88.0	12.2	13.4	18.9	85.4	15.4
MAX	---	---	---	---	---	---	1610	112	179	109	1680	66
MIN	---	---	---	---	---	---	5.5	1.6	1.7	1.2	1.1	5.8
CFSM	---	---	---	---	---	---	5.00	0.69	0.76	1.07	4.85	0.87
IN.	---	---	---	---	---	---	5.58	0.80	0.85	1.24	5.60	0.97
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)												
MEAN	---	---	---	---	---	---	88.0	12.2	13.4	18.9	85.4	15.4
MAX	---	---	---	---	---	---	88.0	12.2	13.4	18.9	85.4	15.4
(WY)	---	---	---	---	---	---	2005	2005	2005	2005	2005	2005
MIN	---	---	---	---	---	---	88.0	12.2	13.4	18.9	85.4	15.4
(WY)	---	---	---	---	---	---	2005	2005	2005	2005	2005	2005

e Estimated

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: November 15-19. 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)
Nov. 24	2330	1,350	16.71	Apr. 30	1100	1,240	16.10
Apr. 1	1630	4,110	23.16	Aug. 30	0530	*5,830	*25.02

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.7	14	184	40	368	55	2880	448	537	14	30	245
2	9.0	64	131	39	533	42	869	140	184	15	33	163
3	9.6	294	93	37	347	95	238	87	86	66	34	114
4	9.8	230	75	37	180	133	174	63	49	22	88	92
5	9.9	75	106	36	125	72	144	49	34	29	68	78
6	11	37	190	37	101	50	164	40	29	319	33	64
7	11	30	198	37	89	45	207	36	29	243	23	55
8	15	26	213	178	86	72	142	31	25	85	15	47
9	17	25	184	139	157	55	116	30	21	100	12	42
10	98	27	193	72	217	40	99	38	27	272	10	38
11	189	169	109	55	116	38	88	33	84	305	18	40
12	77	199	81	57	86	37	230	27	260	148	14	33
13	37	106	67	313	76	36	137	22	115	96	11	29
14	30	55	55	397	156	37	90	21	53	66	11	27
15	25	e45	48	162	128	37	73	20	34	50	9.7	25
16	22	e40	47	108	91	101	60	19	26	63	8.5	24
17	19	e35	45	84	70	95	51	17	21	126	7.8	24
18	17	e30	44	71	55	55	46	15	23	91	12	24
19	16	28	41	64	48	42	42	15	23	42	11	23
20	19	62	38	63	45	41	40	14	17	29	11	22
21	22	181	37	59	45	86	38	13	14	25	48	20
22	20	113	61	54	45	135	35	12	13	26	57	20
23	18	82	257	47	43	185	31	11	11	20	213	25
24	18	659	144	43	62	89	27	11	11	15	102	59
25	17	542	84	42	102	53	26	11	10	13	32	127
26	16	173	65	41	74	46	47	10	9.5	11	20	73
27	16	197	54	40	59	112	57	9.8	9.3	11	14	40
28	15	252	48	41	73	86	38	9.5	9.3	9.6	11	29
29	15	144	44	86	---	48	29	11	9.6	9.1	1680	26
30	14	116	43	79	---	40	753	142	10	8.9	3930	24
31	14	---	41	71	---	119	---	330	---	10	535	---
TOTAL	835.0	4050	3020	2629	3577	2177	6971	1735.3	1783.7	2339.6	7102.0	1652
MEAN	26.9	135	97.4	84.8	128	70.2	232	56.0	59.5	75.5	229	55.1
MAX	189	659	257	397	533	185	2880	448	537	319	3930	245
MIN	8.7	14	37	36	43	36	26	9.5	9.3	8.9	7.8	20
CFSM	0.51	2.57	1.85	1.61	2.43	1.34	4.42	1.06	1.13	1.43	4.36	1.05
IN.	0.59	2.86	2.14	1.86	2.53	1.54	4.93	1.23	1.26	1.65	5.02	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2005, BY WATER YEAR (WY)

MEAN	41.2	62.5	112	152	157	169	149	89.9	59.7	52.6	45.3	50.9
MAX	287	236	265	442	417	383	637	558	296	289	229	229
(WY)	1986	1980	1972	1993	1990	1980	1983	1991	1989	2003	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967 - 2005	
ANNUAL TOTAL	34771.5		37871.6			
ANNUAL MEAN	95.0		104		94.8	
HIGHEST ANNUAL MEAN					175	1980
LOWEST ANNUAL MEAN					22.8	2000
HIGHEST DAILY MEAN	1830	May 13	3930	Aug 30	8820	Apr 7 1983
LOWEST DAILY MEAN	8.2	Sep 12	7.8	Aug 17	2.8	Oct 4 2000
ANNUAL SEVEN-DAY MINIMUM	9.0	Sep 27	9.8	Jun 24	3.0	Sep 29 2000
MAXIMUM PEAK FLOW			5830	Aug 30	13000	Apr 4 1979
MAXIMUM PEAK STAGE			25.02	Aug 30	29.51	Apr 7 1983
INSTANTANEOUS LOW FLOW			7.5	Aug 17	2.7	Oct 4 2000
ANNUAL RUNOFF (CFSM)	1.81		1.97		1.80	
ANNUAL RUNOFF (INCHES)	24.59		26.78		24.48	
10 PERCENT EXCEEDS	216		191		194	
50 PERCENT EXCEEDS	48		45		37	
90 PERCENT EXCEEDS	13		11		9.9	

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: Oct. 19, Jan. 14-17 and Jul. 17-20. 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)
Apr. 3	0130	*16,400	*23.57	Sep. 1	0400	13,100	22.65
May 1	2100	7,600	19.41				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	187	246	1630	575	2760	1050	6980	7080	4630	250	313	12800
2	186	267	1610	578	5260	880	13300	4630	3450	247	384	10600
3	186	1770	1230	572	5780	839	15500	2070	2030	287	528	7280
4	182	2890	1030	553	4100	1400	11500	1480	1130	316	523	3100
5	181	1440	903	543	2520	1290	7740	1060	780	272	648	2120
6	184	822	1350	541	1980	1030	3290	839	657	1090	554	1540
7	187	629	1480	546	1580	881	3290	739	589	2230	440	1190
8	194	502	2150	1360	1340	891	2970	676	549	1190	356	950
9	218	418	1910	2250	1350	913	2140	622	584	703	302	818
10	374	377	2010	1650	2470	793	1840	624	597	1260	291	735
11	989	834	1520	1220	2420	722	1610	612	870	1680	354	672
12	1220	1360	1110	990	2130	669	3390	568	1760	1250	310	618
13	763	1050	939	1120	1900	631	4740	526	985	854	265	568
14	527	733	830	e2890	1750	604	2650	490	634	685	264	531
15	416	606	715	e2430	1910	591	1890	467	505	598	302	499
16	343	511	657	e1750	1530	859	1500	446	444	633	281	474
17	301	450	646	e1410	1290	1420	1170	426	394	e650	326	452
18	275	413	649	1100	1120	1090	1000	405	371	e562	293	441
19	e290	397	610	851	977	926	897	387	390	e506	294	429
20	298	414	581	759	886	852	833	386	373	e446	366	413
21	297	878	561	721	849	821	778	379	349	429	364	398
22	279	1150	606	689	837	987	732	360	319	379	468	389
23	272	925	1140	655	827	1610	684	344	296	468	1040	393
24	269	2280	1020	599	857	1500	638	367	280	355	910	442
25	266	5200	1040	566	1060	1090	618	363	281	300	553	601
26	260	2900	909	555	1290	922	718	332	257	267	402	611
27	254	1650	785	546	1080	906	791	315	241	253	329	521
28	251	2430	690	531	1070	973	718	309	235	255	279	450
29	251	1950	640	597	---	809	628	306	239	270	3200	409
30	249	1390	611	755	---	716	2450	614	242	290	7860	380
31	246	---	591	728	---	812	---	2760	---	302	11400	---
TOTAL	10395	36882	32153	30630	52923	29477	96985	30982	24461	19277	34199	50824
MEAN	335	1229	1037	988	1890	951	3233	999	815	622	1103	1694
MAX	1220	5200	2150	2890	5780	1610	15500	7080	4630	2230	11400	12800
MIN	181	246	561	531	827	591	618	306	235	247	264	380
CFSM	0.48	1.75	1.48	1.41	2.70	1.36	4.61	1.43	1.16	0.89	1.57	2.42
IN.	0.55	1.96	1.71	1.63	2.81	1.56	5.15	1.64	1.30	1.02	1.81	2.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2005, BY WATER YEAR (WY)

MEAN	632	892	1386	1955	2098	2175	2045	1275	932	816	631	710
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1972 - 2005	
ANNUAL TOTAL	429934		449188			
ANNUAL MEAN	1175		1231		1291	
HIGHEST ANNUAL MEAN					2307	1980
LOWEST ANNUAL MEAN					301	2000
HIGHEST DAILY MEAN	8710	Feb 28	15500	Apr 3	39800	Apr 9 1983
LOWEST DAILY MEAN	181	Oct 5	181	Oct 5	65	Aug 27 2000
ANNUAL SEVEN-DAY MINIMUM	185	Oct 1	185	Oct 1	68	Oct 29 2000
MAXIMUM PEAK FLOW			16400	Apr 3	43900	Apr 8 1983
MAXIMUM PEAK STAGE			23.57	Apr 3	28.81a	Apr 8 1983
INSTANTANEOUS LOW FLOW			180	Oct 4,5,6	63	Aug 27 2000
ANNUAL RUNOFF (CFSM)	1.68		1.76		1.84	
ANNUAL RUNOFF (INCHES)	22.82		23.84		25.03	
10 PERCENT EXCEEDS	2640		2420		2810	
50 PERCENT EXCEEDS	712		672		698	
90 PERCENT EXCEEDS	272		279		233	

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.--Estimated daily discharge: Dec. 1,9, Jan. 13, Feb. 1-3 and Mar. 9-21. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 4	1145	5,170	14.38	May 2	2145	9,120	15.68
Apr. 3	1200	*14,600	*17.65	Sep. 1	0545	13,700	17.29

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	218	e1300	478	e858	701	5350	3100	1910	279	418	13400
2	196	230	1120	465	e2100	609	8770	6790	2300	275	509	11600
3	194	277	898	455	e3800	595	14200	7380	1700	299	403	8440
4	190	312	711	444	5060	747	11500	3950	1060	272	373	4580
5	189	339	645	434	3910	786	5660	1690	675	254	399	2140
6	193	363	893	430	1950	676	2670	1010	575	1670	418	1300
7	199	375	1040	451	1170	588	2480	802	630	2450	423	970
8	204	379	1200	645	936	572	2830	695	570	1390	356	799
9	209	382	e1350	1270	942	e576	1850	625	666	990	300	699
10	259	379	1530	1280	1050	e523	1240	574	661	1110	276	633
11	776	1010	1310	944	1060	e483	994	544	915	1400	287	567
12	942	2040	917	705	904	e448	2160	520	1520	1050	267	515
13	662	1330	718	e621	782	e426	3090	483	963	811	264	482
14	477	842	623	994	820	e404	2980	447	729	678	267	459
15	361	634	561	1430	1040	e386	2130	419	567	559	264	436
16	322	523	522	1170	1010	e423	1230	398	449	560	252	417
17	287	455	502	820	867	e685	889	378	389	515	286	404
18	263	415	487	635	749	e605	752	357	360	437	340	391
19	440	391	475	555	663	e576	670	340	369	388	305	380
20	656	400	464	513	611	e536	613	328	343	354	328	370
21	426	737	452	487	585	e553	571	316	409	376	286	356
22	344	894	451	469	571	580	539	306	344	362	267	344
23	303	724	758	453	561	713	509	296	305	312	1100	343
24	281	1020	1320	434	670	768	476	287	287	336	1020	386
25	268	2310	1080	415	793	609	448	277	278	299	717	512
26	258	2730	829	401	828	532	504	268	267	270	547	595
27	248	2230	675	392	766	526	686	259	256	258	402	510
28	240	1820	599	384	709	552	706	251	248	276	334	441
29	233	1540	551	381	---	547	571	244	266	330	2060	398
30	226	1130	517	416	---	485	1210	303	327	349	7350	365
31	221	---	494	453	---	564	---	1080	---	406	11600	---
TOTAL	10267	26429	24992	19424	35765	17774	78278	34717	20338	19315	32418	53232
MEAN	331	881	806	627	1277	573	2609	1120	678	623	1046	1774
MAX	942	2730	1530	1430	5060	786	14200	7380	2300	2450	11600	13400
MIN	189	218	451	381	561	386	448	244	248	254	252	343
CFSM	0.75	2.00	1.83	1.42	2.90	1.30	5.92	2.54	1.54	1.41	2.37	4.02
IN.	0.87	2.23	2.11	1.64	3.02	1.50	6.60	2.93	1.72	1.63	2.73	4.49
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2005, BY WATER YEAR (WY)												
MEAN	433	572	921	1247	1423	1399	1219	881	625	594	560	607
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1958 - 2005	
ANNUAL TOTAL	358387		372949			
ANNUAL MEAN	979		1022		869	
HIGHEST ANNUAL MEAN					1492	1980
LOWEST ANNUAL MEAN					200	2000
HIGHEST DAILY MEAN	7030	May 15	14200	Apr 3	25100	Aug 16 1987
LOWEST DAILY MEAN	189	Oct 5	189	Oct 5	63	Oct 27 2000
ANNUAL SEVEN-DAY MINIMUM	194	Oct 1	194	Oct 1	63	Oct 26 2000
MAXIMUM PEAK FLOW			14600	Apr 3	28000	Aug 15 1987
MAXIMUM PEAK STAGE			17.65	Apr 3	21.48	Aug 15 1987
INSTANTANEOUS LOW FLOW			187	Oct 5	62	Oct 29 2000
ANNUAL RUNOFF (CFSM)	2.22		2.32		1.97	
ANNUAL RUNOFF (INCHES)	30.23		31.46		26.77	
10 PERCENT EXCEEDS	2410		1870		1880	
50 PERCENT EXCEEDS	554		544		466	
90 PERCENT EXCEEDS	271		269		178	

e Estimated

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.

WATER-DIASHARGE RECORDS

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: September 28-29. 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. 9	1400	50,500	15.61	Sep. 3	2130	69,700	16.26
Apr. 6	1830	*106,000	*17.02				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2560	4960	25200	8100	8660	13200	26400	14800	7210	3270	4420	38700
2	2450	4620	24200	8210	12200	12600	43900	19800	9740	3090	5120	55000
3	2380	5510	23500	7740	18600	11900	56400	27000	12100	3300	5970	66500
4	2360	9680	22400	7300	27500	11300	79200	30200	13100	3280	6470	68500
5	2190	12900	20600	6930	37800	11400	99200	25800	12400	3130	6050	64200
6	2250	14600	18300	6790	45800	11300	104000	19400	10600	6290	6100	56200
7	2260	14700	16800	6670	48300	10500	89600	14400	9140	12400	6230	45800
8	2220	13800	16700	7110	48700	9450	73300	10900	8320	17300	6370	35300
9	2320	12500	18700	9650	49600	8600	62000	8700	6870	17000	5860	26200
10	2640	10700	22200	11100	49000	8280	54400	7080	6520	13600	4950	18700
11	4100	9850	25700	13000	45700	8740	48100	6530	6960	12100	4630	13700
12	6370	10400	27800	14000	42100	10300	47000	5980	8970	13100	4670	10400
13	7570	10700	28700	14100	40200	11300	46400	5710	11800	14500	4120	8510
14	6830	10100	29200	13600	40700	10500	47700	5300	13100	14600	3890	7800
15	6290	9040	29700	14800	43100	8950	48700	4960	12900	13600	3820	6850
16	6070	8420	29400	17800	44400	8510	48500	4690	12700	12900	3810	6130
17	5370	8190	27800	20700	41400	8810	46100	4570	12700	13800	3680	5700
18	4620	7080	23700	22100	35800	10800	42900	4740	12200	14700	3710	5320
19	4230	6080	17700	21700	30600	13000	39000	5080	10400	15200	3530	4980
20	4880	5530	13300	19400	27000	13600	33600	4630	8580	15000	3250	4740
21	4870	5670	10700	15700	23300	13100	25700	4210	7240	14300	3060	4560
22	4000	6500	9260	12500	18900	12200	18900	3950	6480	13300	2930	4490
23	3680	7380	8960	10100	15300	12100	14500	3720	5610	11300	3280	4780
24	3660	7940	9950	8560	13200	14100	11900	3580	5030	9390	4800	5090
25	3870	12600	11700	8110	12400	16300	10800	3720	4540	8210	6160	5350
26	3860	16500	12600	8030	12100	17500	10900	3910	4280	7200	5850	5480
27	3720	20900	12700	7550	12800	17600	11000	3770	4040	6350	4610	5310
28	4980	23800	11700	7100	13400	16700	10600	3580	3750	5370	3670	e5500
29	6460	24800	10500	6870	---	15800	9910	3380	3530	4850	3680	e7000
30	6180	25100	9310	7100	---	16200	11000	3310	3500	4510	14600	8580
31	5400	---	8450	7710	---	17500	---	4230	---	4400	25000	---
TOTAL	130640	340550	577430	350130	858560	382140	1271610	271630	254310	311340	174290	605370
MEAN	4214	11350	18630	11290	30660	12330	42390	8762	8477	10040	5622	20180
MAX	7570	25100	29700	22100	49600	17600	104000	30200	13100	17300	25000	68500
MIN	2190	4620	8450	6670	8660	8280	9910	3310	3500	3090	2930	4490
CFSM	0.51	1.38	2.27	1.38	3.74	1.50	5.17	1.07	1.03	1.22	0.69	2.46
IN.	0.59	1.54	2.62	1.59	3.89	1.73	5.77	1.23	1.15	1.41	0.79	2.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

MEAN	5669	7908	12180	16910	23570	26050	16640	9110	8960	9215	4741	6250
MAX	21040	29480	26130	56210	40350	49610	42390	25690	20330	33840	11360	20180
(WY)	2003	2003	2003	1998	1994	2001	2005	1997	1997	2003	2003	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	5056480		5528000			
ANNUAL MEAN	13820		15150		12580	
HIGHEST ANNUAL MEAN					21730	2003
LOWEST ANNUAL MEAN					3751	2000
HIGHEST DAILY MEAN	67900	Feb 17	104000	Apr 6	118000	Mar 9 2001
LOWEST DAILY MEAN	2190	Oct 5	2190	Oct 5	936	Nov 1 2000
ANNUAL SEVEN-DAY MINIMUM	2280	Oct 3	2280	Oct 3	969	Oct 29 2000
MAXIMUM PEAK FLOW			106000	Apr 6	123000	Mar 9 2001
MAXIMUM PEAK STAGE			17.02	Apr 6	17.56	Mar 9 2001
INSTANTANEOUS LOW FLOW			947	Aug 29	234	Oct 29 2000
ANNUAL RUNOFF (CFSM)	1.68		1.85		1.53	
ANNUAL RUNOFF (INCHES)	22.93		25.07		20.83	
10 PERCENT EXCEEDS	29500		38800		30400	
50 PERCENT EXCEEDS	9250		10300		7240	
90 PERCENT EXCEEDS	3870		3760		2200	

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 fair. Water temperature records good. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 520 microsiemens, Aug. 29, 2005 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, 23 microsiemens, Apr. 4,5, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.1°C, Aug. 20, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 6.9°C, Dec. 27, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 520 microsiemens, Aug. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 23 microsiemens, Apr. 4,5, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.1°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 6.9°C, Dec. 27, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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	103	99	101	78	77	77	53	52	53	70	67	69
2	103	99	101	77	---	---	53	52	53	74	70	72
3	104	100	102	78	---	---	53	52	52	77	73	75
4	105	99	104	72	67	70	56	53	55	79	74	77
5	108	---	---	67	48	56	59	56	57	83	78	79
6	110	97	106	52	47	49	60	58	59	85	82	83
7	114	101	109	65	52	58	60	58	59	85	80	83
8	118	102	114	65	57	60	60	57	59	85	79	81
9	119	62	102	57	56	56	58	55	57	79	67	74
10	110	---	---	60	56	58	56	54	54	74	59	68
11	109	---	---	59	---	---	55	52	53	59	54	55
12	94	77	82	55	50	52	52	50	51	70	58	66
13	82	77	80	52	49	50	50	47	49	72	63	65
14	77	69	72	55	50	53	48	47	48	63	61	61
15	75	71	73	61	50	55	48	47	48	62	52	57
16	88	74	78	66	52	61	50	48	49	58	51	54
17	89	74	81	64	---	---	52	50	51	58	56	57
18	78	66	74	68	---	---	53	51	52	58	57	57
19	82	73	79	72	---	---	59	52	56	58	57	57
20	83	71	79	75	---	---	63	59	61	60	58	59
21	77	68	73	77	70	75	66	59	63	63	59	61
22	80	68	75	73	68	70	69	57	65	65	63	64
23	87	80	84	71	68	69	71	68	69	68	61	65
24	92	82	90	72	---	66	71	68	70	71	65	68
25	93	91	92	71	51	65	68	59	62	73	65	69
26	92	86	90	51	44	46	64	59	61	78	69	74
27	91	81	88	51	45	48	64	62	63	78	73	77
28	97	89	94	53	51	52	64	61	63	80	71	77
29	89	71	79	53	50	50	66	62	63	85	77	81
30	78	71	74	53	50	51	67	65	66	82	80	81
31	78	75	76	---	---	---	70	66	68	81	76	78

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	78	60	72	63	59	60	59	43	52	64	53	60
2	71	60	66	65	62	63	43	28	33	53	44	46
3	60	48	54	67	65	66	28	25	27	44	38	41
4	48	41	43	70	66	69	25	23	24	40	37	39
5	41	39	39	70	65	68	26	23	25	43	40	41
6	39	39	39	68	65	66	30	26	28	47	43	45
7	41	39	40	68	65	66	34	30	32	54	47	50
8	42	41	41	72	68	70	37	34	35	61	53	57
9	44	42	43	74	71	73	40	36	38	66	61	64
10	45	44	45	75	71	73	44	40	42	75	66	71
11	48	45	47	81	75	78	44	44	44	77	71	75
12	48	45	47	83	74	80	44	43	43	82	75	78
13	46	45	45	76	71	73	43	42	43	86	78	82
14	46	46	46	79	69	73	42	41	41	88	83	86
15	46	44	45	73	69	72	43	41	42	88	86	87
16	46	44	45	72	67	70	45	43	44	88	83	86
17	49	46	47	72	70	71	47	45	46	90	84	87
18	49	49	49	73	71	71	50	47	48	91	89	90
19	49	49	49	72	61	64	53	50	51	91	86	89
20	51	49	50	65	62	63	56	53	55	94	86	89
21	52	51	52	67	65	65	61	56	58	92	81	87
22	54	52	53	67	65	66	65	61	63	84	80	82
23	57	54	56	69	67	68	69	65	67	90	82	87
24	66	57	62	67	63	64	73	69	71	101	88	95
25	62	61	61	63	61	62	75	72	74	100	94	98
26	61	60	61	62	61	62	---	---	---	100	92	95
27	63	61	62	63	62	63	73	68	71	93	86	89
28	64	59	62	63	63	63	69	65	67	91	88	89
29	---	---	---	64	63	63	69	64	67	90	81	86
30	---	---	---	68	64	65	69	64	67	87	77	84
31	---	---	---	64	59	62	---	---	---	91	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	86	47	75	82	---	---	42	37	38
2	74	60	66	95	52	86	82	---	---	47	41	42
3	60	53	55	101	76	95	87	40	77	43	41	42
4	57	53	55	100	93	98	72	47	63	43	40	42
5	60	57	58	98	84	90	68	43	57	50	43	46
6	61	57	60	---	---	---	71	56	66	56	50	53
7	63	58	61	61	35	52	69	62	64	61	56	58
8	62	55	59	35	31	32	68	62	65	67	61	64
9	68	55	61	38	32	36	62	36	49	70	67	68
10	76	55	68	43	38	40	67	33	48	71	69	70
11	80	44	68	51	43	48	80	60	69	70	66	68
12	65	58	61	48	42	45	80	58	71	74	68	71
13	60	44	51	45	37	41	77	57	67	77	74	74
14	51	44	47	49	37	42	82	74	79	82	76	80
15	65	51	55	54	49	52	91	76	86	82	75	79
16	65	55	59	54	52	53	89	67	82	84	78	82
17	56	54	55	52	45	48	86	69	81	93	80	86
18	55	52	53	50	47	49	89	59	81	93	83	87
19	58	55	56	49	48	48	89	68	80	100	87	93
20	60	55	58	51	49	50	85	60	77	101	90	97
21	66	57	62	56	51	54	87	71	80	105	93	100
22	67	60	64	66	54	59	87	---	---	108	104	106
23	71	58	66	65	56	59	85	---	---	106	69	95
24	74	42	65	62	59	60	82	71	75	99	63	96
25	78	44	67	65	60	62	74	---	---	99	85	94
26	85	67	77	67	50	60	64	---	---	92	78	87
27	85	72	80	59	47	51	62	---	---	93	76	86
28	84	67	77	65	49	57	69	---	---	---	---	---
29	85	39	72	70	52	59	520	---	---	---	---	---
30	89	---	72	76	45	60	64	54	60	---	---	---
31	---	---	---	80	56	74	54	34	39	---	---	---

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.6	25.8	26.3	24.6	24.3	24.5	15.1	14.2	14.6	11.6	10.3	10.9
2	26.7	25.8	26.3	24.8	24.3	24.5	14.2	13.4	13.7	12.8	11.6	12.2
3	27.0	26.0	26.6	24.7	24.4	24.6	13.4	12.7	12.9	14.0	12.8	13.5
4	27.3	26.4	26.9	24.4	22.8	23.7	12.8	12.6	12.7	15.1	14.0	14.6
5	27.2	25.9	26.7	22.8	20.9	21.7	13.1	12.8	12.9	16.0	15.0	15.5
6	26.5	25.9	26.2	20.9	19.5	20.1	14.1	13.1	13.5	16.6	16.0	16.3
7	26.4	25.6	25.9	19.5	19.0	19.1	15.3	14.1	14.8	17.0	16.4	16.7
8	25.6	24.5	25.0	19.0	18.7	18.9	15.7	15.3	15.4	17.1	16.8	17.0
9	24.5	23.5	23.9	18.8	18.0	18.4	16.3	15.7	16.1	16.8	16.3	16.5
10	23.5	22.9	23.2	18.0	17.5	17.7	16.5	16.1	16.3	16.4	16.1	16.2
11	23.5	22.7	23.1	17.9	17.5	17.7	16.3	15.4	15.8	16.2	16.0	16.1
12	23.5	23.0	23.3	18.0	17.7	17.8	15.4	14.9	15.1	16.4	16.2	16.3
13	23.3	22.7	23.0	17.8	17.2	17.5	15.0	14.5	14.8	16.6	16.4	16.5
14	22.7	21.9	22.3	17.3	17.0	17.2	14.5	12.9	13.7	16.5	15.5	16.1
15	21.9	21.0	21.3	17.2	17.0	17.1	12.9	11.5	12.1	15.5	14.5	15.0
16	21.0	20.4	20.7	17.2	16.8	17.0	11.5	10.8	11.0	14.5	13.4	13.9
17	21.2	20.4	20.8	17.2	16.7	17.0	10.8	10.4	10.6	13.4	12.0	12.6
18	21.7	20.9	21.2	17.0	16.8	16.9	10.5	10.1	10.2	12.0	10.8	11.3
19	23.2	21.7	22.3	17.4	16.8	17.1	10.3	10.0	10.2	10.8	10.0	10.2
20	24.2	23.1	23.5	17.7	17.3	17.5	10.1	9.5	9.8	10.0	9.7	9.9
21	24.5	24.1	24.3	18.2	17.6	17.9	9.9	9.3	9.6	10.8	9.9	10.3
22	25.0	24.3	24.6	18.6	18.0	18.3	11.2	9.9	10.6	11.9	10.8	11.4
23	25.0	24.6	24.7	19.5	18.6	19.0	11.2	10.6	11.0	11.8	10.7	11.2
24	25.0	24.4	24.7	19.9	19.5	19.7	10.6	9.5	10.0	10.7	10.0	10.3
25	25.4	24.9	25.1	19.5	18.1	18.8	9.5	8.0	8.9	10.2	9.7	9.9
26	25.5	25.0	25.3	18.1	17.1	17.5	8.0	7.2	7.4	10.9	10.0	10.5
27	25.5	25.2	25.3	17.1	16.4	16.6	7.3	6.9	7.1	11.6	10.9	11.3
28	25.4	24.9	25.2	16.4	15.5	15.9	7.6	7.1	7.4	11.7	11.6	11.7
29	25.1	24.4	24.7	15.5	15.0	15.2	8.2	7.5	7.8	12.0	11.6	11.8
30	24.6	24.0	24.3	15.2	14.9	15.1	9.1	8.2	8.6	12.3	11.8	12.0
31	24.6	24.0	24.3	---	---	---	10.3	9.1	9.7	12.0	11.3	11.6
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	10.9	11.1	14.5	14.1	14.3	18.9	18.4	18.7	20.8	20.2	20.4
2	10.9	10.5	10.7	14.2	13.5	13.7	18.7	17.9	18.2	20.2	19.4	19.7
3	10.5	10.1	10.2	13.5	13.0	13.1	17.9	17.4	17.7	19.6	18.9	19.2
4	10.5	9.9	10.2	13.5	12.8	13.1	17.8	17.4	17.6	19.2	18.9	19.0
5	10.6	10.1	10.4	13.9	13.1	13.5	18.3	17.6	18.0	19.2	18.5	18.9
6	10.8	10.4	10.6	13.9	13.7	13.8	18.6	18.3	18.5	19.7	19.0	19.3
7	11.2	10.8	11.0	14.4	13.8	14.1	18.7	18.4	18.6	20.6	19.6	20.0
8	11.6	11.2	11.4	14.9	14.3	14.6	18.6	18.4	18.5	21.6	20.5	21.0
9	12.3	11.6	11.9	14.9	14.5	14.7	18.8	18.2	18.5	22.2	21.5	21.8
10	12.2	11.9	12.1	15.1	14.5	14.8	19.3	18.7	19.0	23.0	21.9	22.4
11	12.3	11.7	12.0	15.2	14.8	14.9	19.5	19.1	19.3	24.0	22.9	23.4
12	12.8	12.3	12.5	14.9	14.4	14.7	20.1	19.4	19.7	25.2	23.9	24.4
13	13.1	12.7	12.9	15.4	14.6	14.9	20.0	19.5	19.8	25.6	24.6	25.1
14	13.4	13.0	13.2	16.2	15.4	15.8	19.8	19.4	19.6	26.0	25.2	25.6
15	13.6	13.1	13.4	16.1	15.8	16.0	19.6	19.0	19.3	26.4	25.5	25.9
16	14.4	13.6	14.0	15.9	15.3	15.7	19.7	19.2	19.4	26.4	25.6	26.1
17	14.4	14.2	14.3	15.3	14.2	14.7	19.8	19.3	19.5	26.5	25.7	26.1
18	14.3	13.8	14.0	14.2	13.6	13.9	19.7	19.3	19.5	26.8	25.8	26.3
19	14.1	13.6	13.8	13.9	13.4	13.7	19.7	19.3	19.5	27.0	26.1	26.5
20	14.2	13.7	13.9	13.7	13.5	13.6	19.8	19.3	19.6	27.0	26.0	26.5
21	14.8	14.2	14.5	14.3	13.7	14.0	20.7	19.7	20.1	27.8	26.6	27.2
22	15.9	14.8	15.3	15.7	14.3	15.0	21.6	20.6	21.1	28.2	27.0	27.6
23	16.4	15.9	16.1	16.7	15.7	16.2	22.0	21.5	21.7	28.7	27.7	28.1
24	16.7	16.4	16.5	17.4	16.6	17.0	21.7	21.2	21.4	29.4	28.2	28.8
25	16.4	16.0	16.2	---	17.4	---	21.3	20.2	20.8	29.3	28.6	28.9
26	16.1	15.4	15.6	18.7	18.3	18.4	20.2	19.8	20.0	28.7	27.8	28.3
27	15.4	14.8	15.0	19.1	18.7	18.9	20.0	19.4	19.7	28.4	27.6	28.0
28	14.8	14.5	14.7	19.0	18.6	18.9	20.3	19.5	19.9	28.1	27.4	27.8
29	---	---	---	18.8	18.3	18.6	21.1	20.2	20.6	27.9	26.8	27.3
30	---	---	---	18.9	18.3	18.6	21.3	20.8	21.1	26.8	26.3	26.5
31	---	---	---	19.0	18.8	18.9	---	---	---	26.3	25.1	25.8

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.1	24.2	24.5	30.2	28.8	29.5	30.1	29.4	29.7	26.8	26.1	26.4
2	24.5	23.9	24.2	30.5	29.5	30.0	29.4	28.4	28.8	27.3	26.5	26.9
3	25.1	24.0	24.5	31.0	29.8	30.4	28.8	28.0	28.4	27.7	27.0	27.3
4	25.5	24.8	25.2	31.6	30.6	31.1	28.4	27.5	27.8	27.8	27.1	27.5
5	26.5	25.5	25.9	31.4	30.3	30.8	28.1	27.3	27.6	27.7	27.3	27.5
6	26.6	26.2	26.4	30.3	25.8	27.6	28.0	27.5	27.7	27.6	27.0	27.3
7	26.2	25.9	26.0	25.8	24.1	25.0	28.5	27.5	27.9	27.5	26.9	27.2
8	26.8	25.6	26.2	24.7	23.8	24.2	28.9	28.1	28.5	27.5	26.9	27.3
9	28.0	26.6	27.2	25.8	24.7	25.3	29.3	28.4	28.8	27.6	27.1	27.4
10	28.3	27.9	28.1	25.8	25.2	25.6	30.1	29.0	29.5	27.6	27.2	27.4
11	28.0	26.2	27.2	25.9	25.2	25.5	30.2	29.4	29.8	27.5	27.1	27.3
12	26.2	25.5	25.8	26.1	25.6	25.8	30.2	29.5	29.9	27.6	27.1	27.3
13	25.8	25.2	25.5	26.9	26.1	26.5	30.9	29.7	30.3	27.5	27.0	27.2
14	26.9	25.5	26.1	27.3	26.9	27.1	31.3	30.3	30.7	27.6	26.8	27.2
15	28.0	26.9	27.4	---	27.3	27.5	31.4	30.7	31.0	27.8	27.0	27.4
16	28.2	27.7	28.0	27.8	27.2	27.5	31.0	30.4	30.7	28.1	27.2	27.6
17	28.0	27.6	27.8	27.6	27.0	27.2	31.3	30.5	30.9	28.4	27.5	28.0
18	27.9	27.3	27.6	28.0	27.4	27.7	31.4	30.7	31.0	29.0	28.0	28.4
19	28.4	27.5	27.9	28.3	27.8	28.1	31.7	30.8	31.3	29.2	28.4	28.8
20	28.4	27.7	28.1	28.8	28.0	28.4	32.1	31.1	31.6	29.6	28.9	29.2
21	28.7	28.0	28.4	29.4	28.7	29.0	32.0	31.3	31.7	29.5	28.8	29.2
22	29.1	28.2	28.6	29.6	28.8	29.2	31.8	30.9	31.4	29.3	28.6	28.8
23	29.8	28.6	29.1	30.1	29.3	29.7	31.6	30.5	30.9	28.6	27.4	28.0
24	29.7	29.0	29.4	30.8	30.0	30.3	30.8	29.5	29.9	27.4	27.0	27.2
25	29.9	29.1	29.5	31.4	30.5	30.9	30.1	29.0	29.5	27.3	27.0	27.2
26	29.9	29.0	29.5	31.3	31.0	31.1	30.4	29.6	30.0	28.0	27.2	27.5
27	29.8	29.1	29.5	31.3	30.7	31.0	30.8	29.7	30.2	---	27.6	---
28	29.6	29.1	29.4	31.4	30.7	31.0	30.7	30.2	30.5	---	---	---
29	29.5	29.2	29.3	31.1	30.4	30.8	30.3	27.2	28.7	---	---	---
30	29.3	28.6	28.9	30.7	30.2	30.4	27.2	26.1	26.4	---	---	---
31	---	---	---	30.4	29.6	30.0	26.3	25.8	26.0	---	---	---

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 good. 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, 13.13 ft, Apr. 6, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 0.65 ft, Oct. 3, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 126 microsiemens, Sept. 2, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 36 microsiemens, on several days during February 2004, and July 8, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.5°C, Aug. 20, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 7.0°C, Dec. 27, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 13.13 ft, Apr. 6, but may have been higher during periods of instrument malfunction; minimum recorded, 0.65 ft, Oct. 3, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 126 microsiemens, Sept. 2, but may have been higher during periods of instrument malfunction; minimum recorded, 36 microsiemens, July 8, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.5°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 7.0°C, Dec.27, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.17	0.91	1.53	3.54	2.65	3.11	8.64	8.57	8.61	3.98	3.56	3.76
2	2.27	0.73	1.47	3.60	2.55	3.14	8.60	8.49	8.55	---	---	---
3	2.17	0.65	1.43	3.66	3.02	3.37	8.50	8.37	8.43	---	---	---
4	2.25	---	1.66	4.03	3.25	3.73	8.38	8.18	8.30	---	---	---
5	2.04	0.78	1.37	5.21	4.03	4.78	8.20	7.94	8.08	---	---	---
6	2.22	1.08	1.68	5.71	5.20	5.55	7.94	7.46	7.71	3.25	2.48	2.84
7	2.52	1.65	2.10	5.82	5.68	5.78	7.47	7.12	7.29	3.36	2.30	2.83
8	2.96	1.78	2.53	5.80	5.48	5.67	7.14	6.94	7.02	3.37	2.42	2.91
9	2.82	1.81	2.53	5.50	5.27	5.36	7.40	6.98	7.14	4.18	2.83	3.28
10	3.28	2.36	2.96	5.30	4.87	5.04	---	7.42	---	5.17	4.18	4.55
11	3.26	2.80	3.10	5.23	4.86	5.04	8.53	7.95	8.23	5.75	5.17	5.44
12	3.23	2.76	3.00	5.15	4.84	5.00	9.01	8.53	8.79	6.11	5.74	5.96
13	3.33	2.99	3.18	5.13	4.74	4.93	9.23	9.01	9.14	6.35	6.10	6.26
14	3.12	2.63	2.91	5.00	4.51	4.76	9.34	9.22	9.28	6.25	5.83	6.05
15	3.03	2.24	2.58	4.78	4.06	4.44	9.44	9.33	9.39	6.26	5.84	6.01
16	3.04	2.07	2.53	4.45	3.72	4.09	9.47	9.43	9.45	6.88	6.25	6.57
17	2.98	1.78	2.39	4.16	3.27	3.78	9.44	9.22	9.35	7.50	6.88	7.19
18	3.08	1.85	2.49	3.77	2.96	3.41	9.22	8.63	8.97	7.96	7.49	7.74
19	3.13	1.77	2.51	3.50	2.69	3.14	8.63	7.38	8.05	8.06	7.95	8.01
20	2.96	1.78	2.43	3.00	2.43	2.77	7.38	5.95	6.64	8.04	7.67	7.87
21	2.81	---	---	2.74	2.57	2.67	5.97	4.95	5.32	7.68	6.81	7.25
22	---	---	---	3.23	2.60	2.82	---	---	---	6.82	5.67	6.21
23	---	---	---	3.65	3.04	3.25	---	4.07	---	5.68	4.43	4.87
24	---	---	---	4.01	3.55	3.71	4.68	3.91	4.14	4.44	3.63	3.91
25	---	---	---	5.05	3.69	4.11	5.23	4.68	4.89	3.93	3.16	3.50
26	---	---	---	6.58	5.05	5.83	5.44	5.23	5.33	3.74	3.09	3.37
27	---	---	---	7.53	6.58	7.10	5.49	5.26	5.37	3.46	2.62	2.99
28	2.74	1.62	2.10	8.13	7.52	7.83	5.43	5.04	5.22	3.43	2.97	3.15
29	3.06	2.39	2.75	8.46	8.12	8.32	5.18	4.64	4.90	3.78	3.14	3.44
30	3.41	2.47	2.96	8.61	8.44	8.54	4.74	4.14	4.42	3.26	2.99	3.14
31	3.35	2.30	2.86	---	---	---	4.36	3.78	4.07	3.52	3.05	3.25

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.35	3.43	3.74	5.77	5.60	5.70	---	---	---	---	---	---
2	6.09	4.35	5.26	5.62	5.46	5.53	---	---	---	7.55	---	---
3	7.21	6.09	6.63	5.50	5.27	5.36	---	---	---	8.66	7.52	8.07
4	8.66	7.20	7.86	5.38	5.01	5.15	---	---	---	9.18	8.66	9.02
5	10.03	8.66	9.40	5.23	4.89	5.04	---	---	---	9.19	8.70	9.00
6	10.68	10.03	10.41	5.16	4.84	5.01	---	---	---	8.70	7.70	8.24
7	10.86	10.67	10.79	5.16	4.70	4.87	---	---	---	7.70	6.31	7.04
8	10.92	10.85	10.89	4.95	4.14	4.47	---	---	---	6.31	4.88	5.64
9	10.98	10.91	10.94	4.24	3.73	3.93	---	---	---	4.88	3.83	4.43
10	10.97	10.90	10.95	3.98	3.42	3.63	---	---	---	3.98	3.51	3.75
11	10.92	10.73	10.83	3.90	3.71	3.79	---	---	---	3.57	3.04	3.31
12	10.76	10.56	10.65	4.63	3.80	4.28	---	---	---	3.34	2.68	3.01
13	10.57	10.45	10.50	5.05	4.63	4.86	---	---	---	3.30	2.50	2.91
14	10.51	10.45	10.47	4.95	4.41	4.76	---	---	---	3.23	2.54	2.87
15	10.63	10.49	10.55	4.41	4.09	4.23	10.91	10.86	10.89	3.03	2.44	2.74
16	10.69	10.62	10.66	4.29	3.95	4.09	10.92	10.89	10.91	2.93	2.13	2.54
17	10.68	10.49	10.60	4.15	3.66	3.90	10.90	10.79	10.86	2.70	2.08	2.38
18	10.49	10.10	10.31	5.06	4.09	4.46	10.80	10.64	10.73	2.48	2.11	2.32
19	10.11	9.64	9.87	5.72	5.05	5.35	10.66	10.42	10.55	2.60	2.35	2.46
20	9.64	9.17	9.41	5.95	5.70	5.79	10.42	9.97	10.23	2.56	---	---
21	9.17	8.53	8.86	5.96	5.75	5.84	9.97	9.06	9.56	2.43	1.66	2.18
22	8.53	7.67	8.11	5.84	5.58	5.69	9.06	7.79	8.43	2.81	1.64	2.25
23	7.67	6.75	7.18	5.63	5.38	5.48	7.79	6.40	7.11	2.70	1.41	2.16
24	6.75	5.94	6.32	6.14	5.52	5.76	6.40	5.26	5.82	2.59	1.35	2.01
25	5.94	5.47	5.67	6.69	6.13	6.44	5.26	4.89	5.07	2.86	1.09	2.06
26	5.48	5.34	5.40	7.10	6.69	6.91	5.32	4.87	5.13	2.92	1.32	2.21
27	5.74	5.39	5.58	7.27	7.10	7.20	5.26	4.93	5.11	2.88	1.43	2.22
28	5.83	5.72	5.79	7.23	6.92	7.08	5.12	4.79	4.97	2.67	1.37	2.07
29	---	---	---	6.94	6.70	6.80	5.02	4.65	4.79	2.43	1.39	1.96
30	---	---	---	6.86	6.66	6.75	---	---	---	2.50	1.65	2.19
31	---	---	---	7.58	6.83	7.02	---	---	---	3.10	1.86	2.47
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.67	3.10	3.45	2.34	1.04	1.83	2.75	1.68	2.28	---	8.42	---
2	4.68	3.67	4.28	2.19	0.92	1.66	2.95	1.68	2.44	10.80	---	---
3	5.41	4.68	5.17	2.27	0.92	1.69	3.20	2.07	2.75	11.46	10.79	11.18
4	5.82	5.38	5.67	2.30	1.02	1.70	3.39	---	---	11.59	11.46	11.54
5	5.82	5.49	5.72	2.58	1.02	1.92	3.25	2.64	2.94	---	11.42	---
6	5.49	5.08	5.34	4.96	1.37	4.12	3.17	2.52	2.84	11.43	11.11	11.28
7	5.08	4.24	4.69	6.04	4.81	5.34	3.07	2.57	2.82	11.12	10.66	10.90
8	4.24	3.69	4.03	6.94	6.02	6.53	2.96	2.59	2.76	10.67	10.04	10.37
9	3.78	3.31	3.54	7.16	6.94	7.05	2.65	2.27	2.56	10.04	9.08	9.59
10	3.88	2.97	3.42	7.00	6.43	6.71	2.40	1.96	2.22	9.08	7.79	8.46
11	4.19	3.33	3.74	6.44	5.90	6.16	2.27	1.87	2.01	7.79	6.27	7.08
12	4.66	4.05	4.29	6.05	5.78	5.88	2.43	1.67	2.05	6.28	4.76	5.57
13	5.52	4.64	5.03	6.29	6.04	6.18	2.33	1.47	1.90	4.76	3.63	4.37
14	5.75	5.51	5.64	6.38	6.23	6.30	2.48	1.30	1.95	3.85	3.02	3.60
15	5.73	5.61	5.66	---	5.97	---	2.55	1.13	1.94	3.46	2.63	3.18
16	5.63	5.51	5.58	6.00	5.81	5.94	2.69	1.28	2.02	3.29	2.49	2.97
17	5.66	5.50	5.58	6.10	5.82	5.98	2.58	1.11	1.99	2.89	2.45	2.61
18	5.65	5.31	5.55	6.38	6.02	6.25	2.78	1.11	2.13	2.70	2.21	2.48
19	5.31	4.44	5.03	6.61	6.30	6.48	2.63	1.34	2.04	2.56	2.04	2.35
20	4.44	3.55	4.19	6.56	6.44	6.51	2.26	1.32	1.82	2.57	1.97	2.31
21	3.86	3.14	3.59	6.49	6.32	6.38	2.15	1.24	1.67	2.69	1.65	2.18
22	3.67	2.93	3.30	6.40	5.98	6.19	2.00	1.40	1.64	3.80	2.69	3.15
23	3.41	2.53	2.98	5.98	5.11	5.54	2.06	1.64	1.84	4.76	3.80	4.35
24	3.26	2.15	2.74	5.11	---	---	2.49	2.06	2.26	4.74	3.80	4.35
25	3.03	2.04	2.55	---	---	---	3.01	---	---	4.30	3.27	3.92
26	2.93	1.91	2.44	---	3.13	---	---	---	---	3.59	2.40	3.17
27	2.59	2.03	2.26	3.17	2.59	2.92	---	---	---	2.98	2.28	2.67
28	2.22	1.95	2.06	2.84	2.07	2.54	---	---	---	3.08	2.35	2.77
29	2.37	1.77	2.11	2.73	1.74	2.32	---	---	---	3.43	2.50	3.13
30	2.38	1.49	1.94	2.67	1.65	2.21	---	---	---	4.00	3.18	3.68
31	---	---	---	2.69	1.65	2.20	---	---	---	---	---	---

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	100	81	95	79	73	76	54	50	52	69	64	67
2	101	87	96	81	74	77	59	52	56	---	---	---
3	101	89	97	79	72	74	60	57	59	---	53	---
4	102	87	98	77	68	71	62	60	61	---	---	---
5	104	91	98	70	54	62	63	60	62	---	---	---
6	104	91	100	54	48	50	64	62	63	81	72	77
7	106	102	105	61	49	55	63	60	62	83	74	79
8	110	101	108	68	60	64	64	59	62	81	77	79
9	113	101	110	66	57	61	60	55	57	79	71	75
10	116	110	114	71	58	64	57	55	56	72	68	69
11	116	104	111	64	55	58	55	54	54	70	55	61
12	106	81	96	66	50	56	55	51	53	67	55	60
13	94	78	84	61	49	52	52	50	51	68	66	67
14	96	71	82	66	49	55	50	48	49	68	63	66
15	89	70	78	70	53	61	60	49	52	64	54	60
16	84	71	76	68	58	62	60	51	54	57	53	55
17	86	76	81	71	63	66	62	54	59	58	53	56
18	86	74	80	71	64	68	62	57	61	58	57	57
19	83	73	78	73	66	70	63	54	60	57	57	57
20	84	78	81	73	71	72	62	60	61	62	57	59
21	85	74	80	75	73	74	63	61	62	67	60	63
22	82	73	78	75	69	72	---	---	---	68	63	66
23	---	---	---	69	67	68	---	---	---	68	63	65
24	---	---	---	70	67	68	69	66	68	70	67	68
25	---	---	---	69	62	67	69	60	65	71	64	69
26	---	---	---	65	44	51	62	59	60	74	63	71
27	---	---	---	50	45	47	64	61	62	76	67	73
28	---	---	---	51	50	50	66	61	63	77	71	75
29	94	81	88	52	51	51	69	61	64	78	75	77
30	82	71	76	54	50	52	68	64	65	79	76	78
31	80	71	75	---	---	---	67	63	65	80	74	77
		FEBRUARY			MARCH			APRIL			MAY	
1	77	73	74	64	63	63	---	---	---	---	---	---
2	73	66	70	65	63	64	---	---	---	---	---	---
3	66	---	59	66	63	64	---	---	---	59	54	57
4	53	46	49	66	62	65	---	---	---	58	50	55
5	46	45	46	68	65	66	---	---	---	56	53	54
6	51	46	46	67	65	66	---	---	---	55	52	54
7	61	50	56	66	65	66	---	---	---	57	51	54
8	62	55	59	66	64	65	---	---	---	58	55	56
9	60	49	56	69	63	66	---	---	---	65	56	60
10	56	45	49	69	63	67	---	---	---	79	56	68
11	60	53	57	72	68	70	---	---	---	90	71	83
12	60	53	57	78	72	76	---	---	---	91	73	84
13	60	48	57	79	71	75	---	---	---	94	72	87
14	60	53	58	76	72	74	---	---	---	97	77	89
15	59	53	58	77	74	75	46	40	42	98	80	90
16	59	49	54	77	73	75	46	41	43	99	82	92
17	57	49	53	76	69	72	49	41	44	99	85	93
18	57	51	55	71	69	70	47	41	44	102	90	96
19	57	53	56	70	64	68	49	42	44	106	97	100
20	57	56	57	65	64	65	50	43	45	104	94	99
21	57	56	57	69	65	68	52	43	45	105	94	97
22	58	57	57	70	68	69	54	45	49	105	88	94
23	58	57	57	69	68	69	59	51	55	101	86	92
24	60	58	59	69	63	66	65	51	56	102	94	97
25	62	59	61	63	62	63	73	53	62	110	93	105
26	62	61	61	64	62	63	75	56	70	106	97	103
27	63	61	62	65	63	64	75	55	66	101	94	98
28	64	62	63	67	63	66	69	55	62	101	92	96
29	---	---	---	69	64	67	68	56	63	100	91	95
30	---	---	---	66	64	65	---	---	---	97	91	93
31	---	---	---	67	63	65	---	---	---	97	89	93

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	94	80	88	91	81	87	86	74	81	---	---	---
2	85	72	78	91	86	89	83	76	81	---	126	---
3	87	61	71	99	90	96	84	---	---	83	70	76
4	81	60	68	101	95	98	---	---	---	79	69	76
5	84	62	72	103	96	101	83	71	75	---	68	---
6	81	65	74	96	72	80	78	72	74	73	67	72
7	82	69	76	83	54	71	81	70	74	71	66	69
8	83	66	74	66	36	47	78	67	73	70	66	69
9	86	65	75	74	50	67	77	72	75	70	68	69
10	85	71	77	70	41	56	76	68	73	71	69	70
11	85	75	80	62	56	59	81	74	76	73	69	70
12	83	62	71	60	52	58	84	76	80	73	69	71
13	65	52	60	59	53	56	83	76	79	73	68	71
14	61	52	57	59	50	57	84	78	81	75	69	72
15	75	59	70	---	---	---	87	78	84	77	71	74
16	71	62	67	60	54	57	94	82	89	81	73	77
17	65	57	61	59	52	56	88	81	83	87	73	79
18	68	56	60	59	51	54	88	82	85	94	78	86
19	74	61	66	60	55	58	91	83	87	95	76	87
20	76	63	70	60	51	58	90	85	87	99	79	92
21	77	64	70	61	54	57	89	84	85	103	81	94
22	80	67	72	63	56	60	89	85	87	109	97	105
23	78	68	72	67	57	61	89	84	87	112	103	108
24	79	72	74	---	59	---	90	77	85	105	95	101
25	78	74	76	---	---	---	---	74	---	99	94	96
26	82	75	78	71	64	67	---	---	---	98	92	95
27	86	76	82	73	66	69	---	---	---	95	91	93
28	87	80	84	75	68	71	---	---	---	98	93	95
29	88	79	85	76	70	74	---	---	---	100	95	97
30	91	79	86	78	73	76	---	---	---	99	89	95
31	---	---	---	83	74	79	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	26.0	26.6	24.7	24.4	24.6	15.9	14.7	15.2	11.4	10.1	10.8
2	27.3	26.2	26.7	24.9	24.4	24.7	14.7	13.7	14.0	---	---	---
3	27.4	26.4	26.9	24.9	24.5	24.7	13.7	13.0	13.2	---	---	---
4	27.6	26.6	27.0	24.8	23.2	24.1	13.0	12.8	12.9	---	---	---
5	27.4	26.7	27.0	23.2	21.3	22.2	13.4	13.0	13.1	15.9	---	---
6	26.8	26.2	26.5	21.3	19.9	20.6	14.4	13.3	13.8	16.6	15.9	16.3
7	26.6	26.0	26.2	19.9	19.1	19.4	15.5	14.3	15.0	17.0	16.4	16.7
8	26.0	25.0	25.5	19.2	18.8	19.0	15.7	15.4	15.5	17.2	17.0	17.1
9	25.0	24.1	24.5	18.9	18.3	18.6	16.5	15.7	16.1	17.0	16.6	16.7
10	24.1	23.4	23.7	18.3	17.7	17.9	16.5	16.3	16.4	16.6	16.3	16.4
11	23.8	23.1	23.5	18.1	17.6	17.8	16.3	15.4	15.8	16.5	16.2	16.3
12	23.8	23.2	23.5	18.1	17.9	18.0	15.4	14.5	14.9	16.8	16.3	16.6
13	23.5	22.9	23.2	17.9	17.4	17.7	14.9	14.5	14.7	16.9	16.7	16.8
14	22.9	22.0	22.5	17.5	17.2	17.3	14.6	12.8	13.7	16.8	15.8	16.3
15	22.0	21.3	21.6	17.4	17.1	17.2	12.8	11.2	11.9	15.8	14.7	15.2
16	21.3	20.7	21.0	17.4	16.9	17.1	11.3	10.4	10.8	14.7	13.5	14.1
17	21.3	20.6	21.0	17.3	16.8	17.1	10.8	10.3	10.6	13.5	12.1	12.7
18	21.6	21.1	21.3	17.1	16.9	17.0	10.6	10.0	10.4	12.1	10.8	11.3
19	22.8	21.6	22.2	17.6	17.0	17.2	10.5	10.2	10.3	10.8	10.2	10.4
20	24.1	22.7	23.4	17.7	17.4	17.6	10.2	9.6	9.8	10.5	10.2	10.3
21	24.6	23.8	24.2	18.3	17.7	17.9	10.0	9.4	9.6	11.0	10.3	10.6
22	25.0	24.4	24.6	18.6	18.2	18.4	---	---	---	12.1	11.0	11.6
23	25.0	24.5	24.8	19.3	18.6	18.9	---	---	---	11.9	10.9	11.3
24	25.0	24.5	24.7	20.0	19.3	19.7	10.8	9.8	10.2	10.9	10.2	10.5
25	25.6	24.7	25.1	19.6	18.4	19.0	9.8	8.4	9.1	10.4	9.8	10.1
26	---	---	---	18.4	17.3	17.8	8.4	7.3	7.8	11.0	10.2	10.6
27	---	---	---	17.3	16.6	16.9	7.4	7.0	7.2	11.6	10.8	11.2
28	25.7	---	---	16.6	15.8	16.2	7.6	7.2	7.4	11.7	11.5	11.6
29	25.4	24.8	25.1	15.8	15.2	15.4	8.2	7.6	7.9	12.2	11.6	11.8
30	24.8	24.2	24.5	15.9	15.4	15.6	9.0	8.2	8.5	12.5	11.9	12.2
31	24.6	24.2	24.4	---	---	---	10.1	9.0	9.5	12.2	11.6	11.9

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	11.1	11.3	14.7	14.3	14.5	---	---	---	---	---	---
2	11.1	10.8	11.0	14.4	13.7	13.9	---	---	---	---	---	---
3	10.8	10.3	10.5	13.7	13.1	13.3	---	---	---	19.7	19.2	19.4
4	10.9	10.1	10.4	13.6	12.9	13.3	---	---	---	19.4	18.8	19.1
5	11.1	10.3	10.8	14.0	13.3	13.7	---	---	---	19.2	18.5	18.9
6	11.6	10.6	11.0	14.2	13.8	14.0	---	---	---	19.7	18.9	19.3
7	12.0	11.2	11.6	14.5	13.9	14.2	---	---	---	20.5	19.5	19.9
8	12.6	11.8	12.2	15.2	14.4	14.7	---	---	---	21.4	20.3	20.8
9	13.3	12.4	12.8	15.2	14.6	14.8	---	---	---	22.3	21.2	21.7
10	13.2	12.4	12.7	15.3	14.5	14.9	---	---	---	23.0	21.9	22.4
11	12.6	11.7	12.1	15.5	14.7	15.0	---	---	---	24.0	22.6	23.3
12	12.4	11.6	12.0	15.2	14.6	14.9	---	---	---	24.9	23.7	24.3
13	13.2	12.0	12.5	15.4	14.7	15.1	---	---	---	25.7	24.7	25.1
14	13.8	13.1	13.4	16.2	15.4	15.8	19.8	---	---	26.2	25.2	25.6
15	14.7	13.6	14.1	16.1	16.0	16.1	19.7	18.9	19.3	26.6	25.6	26.0
16	15.5	14.5	14.9	16.0	15.5	15.9	19.7	18.9	19.4	26.8	25.7	26.2
17	15.4	14.8	15.1	15.5	14.4	15.0	19.8	18.9	19.4	26.7	25.7	26.2
18	14.8	14.0	14.3	14.4	14.0	14.2	19.7	19.0	19.4	27.0	26.0	26.4
19	14.2	13.4	13.8	14.1	13.7	13.9	19.7	19.1	19.4	27.2	26.2	26.7
20	14.5	13.9	14.2	14.0	13.8	13.8	20.0	19.3	19.6	27.2	26.5	26.8
21	15.2	14.5	14.8	14.6	13.8	14.2	20.6	19.7	20.2	28.2	26.6	27.3
22	16.3	15.2	15.7	15.8	14.5	15.1	21.5	20.4	20.9	28.3	27.2	27.7
23	16.6	16.2	16.4	16.8	15.8	16.3	21.8	21.3	21.5	29.0	27.6	28.2
24	16.8	16.5	16.6	17.4	16.6	17.0	21.6	21.0	21.3	29.8	28.2	28.9
25	16.6	16.2	16.4	18.5	17.4	18.0	21.1	20.3	20.8	29.5	28.8	29.1
26	16.3	15.5	15.8	18.9	18.5	18.8	20.4	19.9	20.2	29.0	28.1	28.5
27	15.5	14.9	15.2	19.5	18.9	19.2	20.4	19.6	20.0	28.7	27.8	28.3
28	15.0	14.7	14.9	19.3	18.7	19.0	20.5	19.6	20.1	28.5	27.7	28.1
29	---	---	---	19.0	18.5	18.8	21.0	20.2	20.6	28.0	27.0	27.5
30	---	---	---	18.9	18.6	18.7	---	---	---	27.0	26.5	26.7
31	---	---	---	19.4	18.9	19.2	---	---	---	26.6	25.6	26.2
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.6	24.5	25.0	30.1	28.7	29.4	30.2	29.4	29.9	---	26.4	---
2	24.6	24.1	24.4	31.0	29.4	30.0	29.4	28.6	29.1	---	---	---
3	25.1	24.2	24.7	31.2	29.8	30.4	---	---	---	28.0	27.1	27.6
4	25.7	24.9	25.3	31.6	30.4	31.0	---	---	---	27.9	27.2	27.6
5	26.3	25.5	25.8	31.3	30.5	31.0	28.1	27.2	27.6	27.9	27.2	27.6
6	26.4	26.0	26.3	30.5	26.1	28.3	28.4	27.6	27.8	27.8	27.0	27.4
7	26.4	25.8	26.1	26.1	25.2	25.5	28.7	27.5	28.0	27.8	26.7	27.3
8	26.7	25.7	26.2	25.2	24.1	24.5	29.2	28.1	28.6	27.8	26.8	27.4
9	27.6	26.4	26.9	25.7	24.7	25.2	29.3	28.5	28.9	27.8	27.2	27.6
10	28.3	27.5	27.9	25.6	25.2	25.5	30.2	28.9	29.4	27.8	27.4	27.6
11	28.1	26.7	27.4	26.1	25.0	25.5	30.1	29.5	29.7	27.8	27.2	27.5
12	26.7	25.9	26.3	26.5	25.6	26.0	30.5	29.8	30.1	27.8	27.1	27.5
13	26.2	25.7	25.9	27.0	26.1	26.5	30.9	29.8	30.3	27.7	27.0	27.3
14	26.7	25.6	26.1	27.3	26.9	27.1	31.5	30.3	30.9	27.7	27.0	27.4
15	27.9	26.7	27.3	---	27.1	---	31.8	30.7	31.1	27.8	27.0	27.4
16	28.5	27.8	28.1	28.0	27.2	27.6	31.3	30.7	30.9	28.0	27.4	27.7
17	28.2	27.8	27.9	27.7	27.2	27.5	31.2	30.5	30.8	28.5	27.7	28.1
18	27.8	27.5	27.7	28.0	27.4	27.7	31.7	30.7	31.2	28.9	28.1	28.5
19	28.2	27.3	27.8	28.3	27.9	28.0	31.9	30.8	31.4	29.4	28.4	28.9
20	28.5	27.7	28.1	28.7	27.8	28.3	32.5	31.1	31.7	29.9	28.9	29.3
21	28.9	28.0	28.4	29.4	28.6	28.9	32.4	31.4	31.9	29.8	29.0	29.4
22	29.2	28.1	28.6	29.4	28.7	29.1	32.3	31.3	31.7	29.5	28.8	29.1
23	29.6	28.6	29.0	29.8	29.0	29.5	31.9	31.0	31.4	28.8	27.9	28.3
24	29.8	29.2	29.4	30.7	29.5	29.9	31.1	29.7	30.5	27.9	27.4	27.6
25	30.1	29.0	29.5	---	---	---	---	29.3	---	27.7	27.1	27.4
26	30.0	29.2	29.6	31.4	30.8	31.1	---	---	---	28.2	26.8	27.5
27	29.9	29.3	29.6	31.2	30.6	30.9	---	---	---	28.6	27.6	28.0
28	29.8	29.2	29.5	31.5	30.7	31.0	---	---	---	28.4	26.9	28.0
29	29.7	29.1	29.4	31.4	30.6	30.9	---	---	---	28.5	27.2	27.9
30	29.6	29.0	29.3	30.8	30.3	30.6	---	---	---	28.5	27.6	28.2
31	---	---	---	30.6	30.0	30.2	---	---	---	---	---	---

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 2005" (WDR AL-05-1).

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 good. Water temperature records fair. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 10.25 ft, Aug. 29, 2005 (Hurricane Katrina), 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, 18 microsiemens, Apr. 2, 3, 2005, 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, 10.25 ft, Aug. 29 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -1.05 ft, Jan. 23, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 25,500 microsiemens, Sept. 23, but may have been higher during periods of instrument malfunction; minimum recorded, 18 microsiemens, Apr. 2, 3, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 29.1°C, Aug. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 9.1°C, Dec. 27, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.00	0.30	1.21	2.85	1.55	2.26	2.39	---	---	1.87	0.69	1.31
2	2.10	0.07	1.13	2.99	1.65	2.40	2.11	---	---	1.83	0.77	1.34
3	2.01	0.02	1.09	3.13	2.20	2.68	---	---	---	1.45	0.76	1.09
4	2.08	0.23	1.19	2.77	1.66	2.24	---	---	---	1.42	0.66	1.03
5	2.90	0.28	0.97	2.28	1.47	1.88	---	---	---	---	---	---
6	2.04	0.58	1.39	2.04	1.25	1.68	---	---	---	---	---	---
7	2.35	1.32	1.89	1.82	1.41	1.59	---	---	---	2.25	---	---
8	2.80	1.54	2.32	1.83	1.48	1.64	---	---	---	2.10	-0.23	1.10
9	2.67	1.68	2.37	2.35	1.56	1.91	2.56	1.10	1.77	2.14	-0.71	0.98
10	3.00	2.22	2.74	3.02	2.00	2.33	2.53	1.01	1.68	2.26	-0.44	0.99
11	2.96	2.27	2.73	3.27	2.73	2.97	1.84	0.11	1.00	2.46	0.06	1.33
12	2.29	1.82	2.07	3.19	2.39	2.77	2.38	0.43	1.31	2.59	0.81	1.81
13	2.03	1.07	1.59	2.92	1.77	2.35	2.41	0.66	1.52	2.81	1.26	2.20
14	1.86	0.62	1.37	2.70	1.35	2.13	1.83	0.31	0.96	2.50	0.48	1.26
15	2.02	0.31	1.13	2.74	1.10	2.00	1.54	0.22	0.83	1.33	0.58	0.95
16	2.07	0.02	1.12	---	---	---	1.76	0.40	1.01	0.79	-0.10	0.48
17	2.17	-0.15	1.18	---	---	---	1.62	0.53	1.04	0.93	-0.32	0.20
18	2.48	0.38	1.60	---	---	---	1.34	0.68	0.99	1.38	-0.22	0.54
19	2.64	0.56	1.77	---	1.08	---	0.99	-0.14	0.38	1.75	-0.14	0.79
20	2.45	0.12	1.66	2.02	1.02	1.65	0.96	-0.44	0.27	1.85	-0.26	0.86
21	2.14	0.04	1.28	1.82	1.24	1.56	1.75	-0.04	0.84	2.05	-0.03	1.07
22	1.98	0.48	1.37	2.02	1.12	1.58	2.73	0.62	1.44	1.96	-0.06	1.12
23	2.26	0.93	1.73	---	---	---	2.83	0.37	1.41	1.48	-1.05	0.18
24	1.74	0.94	1.42	---	---	---	1.81	-0.51	0.69	1.68	-0.70	0.42
25	1.51	0.88	1.27	---	---	---	2.03	-0.24	0.80	1.96	-0.60	0.66
26	1.89	0.79	1.37	---	---	---	2.06	-0.37	0.74	1.98	0.00	1.02
27	2.14	0.52	1.39	---	---	---	1.46	-0.71	0.34	1.79	-0.54	0.70
28	2.20	0.31	1.37	2.13	---	---	1.72	-0.49	0.53	2.23	0.71	1.52
29	2.31	0.41	1.48	2.43	1.17	1.83	1.80	-0.03	0.92	2.66	1.26	1.91
30	2.46	0.61	1.70	2.60	1.74	2.18	1.88	0.12	1.06	1.87	1.05	1.46
31	2.59	0.77	1.86	---	---	---	2.09	0.44	1.27	1.83	1.11	1.47

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.10	1.06	1.59	1.02	-0.37	0.33	6.97	2.07	4.18	4.88	3.44	4.28
2	2.70	1.93	2.34	1.53	-0.59	0.53	8.46	6.97	8.07	4.88	4.09	4.49
3	2.59	1.75	2.20	2.09	-0.20	0.98	8.32	6.93	7.64	4.11	3.36	3.64
4	2.82	1.75	2.25	2.06	0.01	1.08	6.95	5.75	6.30	3.38	2.70	3.02
5	3.00	2.07	2.54	1.63	-0.26	0.82	5.78	4.91	5.28	2.71	1.94	2.35
6	3.46	2.37	2.80	1.94	-0.60	0.79	5.56	4.77	5.08	2.31	1.41	2.01
7	3.48	2.85	3.14	2.24	-0.25	1.08	6.84	5.55	6.21	1.92	0.72	1.48
8	3.37	2.94	3.16	2.19	-0.53	0.92	6.86	5.90	6.50	2.14	0.52	1.46
9	3.38	2.85	3.09	1.45	-0.08	0.76	5.94	4.41	5.16	2.33	0.34	1.47
10	3.07	1.95	2.48	1.53	-0.54	0.43	4.46	3.48	3.91	2.40	0.34	1.57
11	2.07	1.41	1.71	1.56	---	---	3.49	3.15	3.29	2.14	0.23	1.25
12	1.59	1.27	1.43	1.21	0.17	0.58	---	---	---	2.03	0.15	1.18
13	2.12	1.35	1.82	1.17	---	---	---	---	---	2.15	0.05	1.28
14	2.03	1.62	1.88	1.17	-0.52	0.56	---	---	---	2.19	0.51	1.44
15	2.14	1.44	1.76	1.93	-0.57	0.96	---	---	---	2.09	0.76	1.43
16	2.08	1.08	1.60	1.98	0.54	1.17	---	---	---	2.09	0.47	1.35
17	2.01	0.85	1.44	1.58	-0.16	0.75	---	---	---	1.64	0.61	1.20
18	2.01	0.54	1.30	1.50	-0.10	0.80	---	---	---	1.45	0.76	1.12
19	1.89	0.52	1.22	1.43	-0.07	0.80	---	---	---	1.39	0.90	1.11
20	1.98	0.49	1.22	1.77	-0.09	0.95	---	---	---	1.61	---	---
21	1.97	0.55	1.29	2.03	0.30	1.17	---	---	---	1.62	0.28	1.08
22	1.91	0.33	1.11	---	---	---	1.69	1.43	1.58	2.27	0.28	1.39
23	2.06	0.20	1.05	---	---	---	1.59	0.17	0.88	2.23	0.07	1.35
24	2.08	0.45	1.08	---	---	---	1.68	-0.04	0.80	2.14	-0.37	1.22
25	1.39	0.26	0.82	---	---	---	2.01	-0.04	1.07	2.40	-0.43	1.29
26	1.24	0.68	0.96	---	---	---	2.58	0.36	1.76	2.44	-0.16	1.40
27	1.92	1.08	1.39	---	---	---	2.51	0.60	1.69	2.41	0.03	1.44
28	1.44	0.19	0.96	---	---	---	2.45	0.32	1.55	2.23	0.02	1.31
29	---	---	---	---	---	---	2.50	0.79	1.72	2.01	0.31	1.29
30	---	---	---	---	---	---	3.44	1.08	2.23	2.09	0.63	1.65
31	---	---	---	2.29	0.64	1.65	---	---	---	2.02	0.91	1.67
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.02	1.41	1.70	2.04	0.11	1.27	---	---	---	---	---	---
2	2.21	1.65	1.92	1.94	-0.11	1.12	---	---	---	---	---	---
3	2.56	1.77	2.21	2.01	-0.06	1.05	---	---	---	---	---	---
4	2.72	1.79	2.33	1.93	-0.17	1.03	2.26	0.50	1.64	---	---	---
5	2.84	1.67	2.38	2.30	0.19	1.39	2.27	0.88	1.73	---	---	---
6	2.98	1.61	2.38	4.18	0.63	3.45	2.23	1.12	1.77	---	---	---
7	2.73	1.65	2.27	4.93	4.12	4.60	2.08	1.21	1.68	---	---	---
8	2.57	1.45	2.05	4.88	4.49	4.64	1.82	1.16	1.46	2.47	2.06	2.24
9	2.65	1.29	2.07	4.71	4.38	4.53	1.56	1.00	1.32	---	---	---
10	2.88	1.49	2.25	5.20	4.56	4.86	1.51	0.91	1.25	---	---	---
11	2.99	1.93	2.51	5.52	5.16	5.34	1.62	0.84	1.12	---	---	---
12	2.79	2.36	2.57	5.55	5.33	5.46	1.74	0.54	1.11	2.28	0.50	1.54
13	2.85	1.99	2.45	5.40	4.77	5.11	1.80	0.45	1.14	2.43	0.44	1.63
14	2.73	2.46	2.60	4.86	4.39	4.65	2.06	0.19	1.20	---	---	---
15	2.56	2.30	2.44	4.45	3.99	4.29	---	---	---	2.30	0.64	1.64
16	2.51	2.03	2.31	4.06	3.59	3.91	2.38	0.19	1.46	2.42	0.82	1.77
17	2.48	1.89	2.23	3.63	3.07	3.48	2.26	-0.05	1.29	2.08	1.01	1.51
18	2.63	1.62	2.24	3.34	2.71	3.13	2.43	-0.01	1.53	1.91	0.85	1.49
19	2.54	1.03	1.95	3.32	2.64	3.02	2.30	0.13	1.52	1.83	0.68	1.42
20	2.53	0.79	1.83	3.47	2.65	3.14	1.97	0.35	1.25	1.96	0.67	1.48
21	2.53	0.58	1.77	3.34	2.77	3.07	---	---	---	---	---	---
22	2.64	0.57	1.80	---	---	---	---	---	---	3.29	2.32	2.63
23	2.59	0.36	1.70	---	---	---	1.74	0.89	1.33	4.17	3.29	3.75
24	2.56	0.20	1.63	---	---	---	1.89	0.86	1.35	---	---	---
25	2.44	0.36	1.57	---	---	---	2.04	0.78	1.38	---	---	---
26	2.39	0.42	1.59	---	---	---	---	---	---	---	---	---
27	1.91	0.88	1.42	---	---	---	---	---	---	---	---	---
28	1.68	0.91	1.33	---	---	---	3.47	1.65	2.83	---	---	---
29	1.94	0.96	1.45	---	---	---	---	---	---	---	---	---
30	2.00	0.52	1.28	---	---	---	---	---	---	2.27	1.57	1.89
31	---	---	---	2.17	0.38	1.35	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	43	40	41	79	39	55	30	28	29	33	30	32
2	46	40	42	62	39	45	29	28	28	33	31	32
3	45	40	42	40	34	37	---	---	---	34	32	33
4	60	40	48	35	34	35	---	---	---	34	33	34
5	43	40	41	34	34	34	---	---	---	---	33	---
6	49	40	43	34	32	33	---	---	---	35	32	34
7	46	41	43	32	30	31	---	---	---	37	34	35
8	74	40	50	30	29	29	---	---	---	37	33	35
9	46	40	43	29	28	29	30	29	30	37	---	---
10	45	40	41	29	29	29	29	28	29	36	33	34
11	43	40	41	30	28	29	30	27	28	33	31	32
12	42	40	41	31	30	31	28	26	27	32	30	31
13	40	38	39	33	31	32	27	26	27	32	30	31
14	38	36	37	33	32	32	27	26	26	32	30	31
15	36	35	36	33	32	32	27	26	26	31	31	31
16	37	35	36	---	32	---	27	25	26	31	30	31
17	38	35	37	---	---	---	28	26	27	30	29	30
18	44	36	38	---	---	---	29	27	28	29	28	29
19	63	38	49	---	---	---	30	28	29	29	28	29
20	45	39	40	36	34	35	30	29	30	30	28	29
21	43	39	40	37	35	36	32	29	31	31	29	30
22	41	37	39	37	35	36	34	30	31	32	30	31
23	57	35	44	---	---	---	35	31	33	33	30	32
24	37	36	37	---	---	---	35	33	34	33	31	32
25	38	37	38	---	---	---	34	32	33	35	32	33
26	39	38	38	---	---	---	33	31	32	35	32	34
27	40	38	39	---	32	---	31	29	30	36	33	34
28	41	39	40	32	31	32	31	29	30	35	33	34
29	42	39	40	---	---	---	31	29	30	37	34	35
30	46	39	41	30	29	30	31	29	30	39	36	38
31	49	39	42	---	---	---	34	30	31	39	37	38
		FEBRUARY			MARCH			APRIL			MAY	
1	37	35	36	32	30	31	27	20	23	25	23	24
2	36	34	35	31	29	30	20	18	19	24	23	23
3	34	32	33	31	28	30	19	18	18	25	24	25
4	32	30	31	30	29	30	20	19	20	25	24	24
5	30	28	29	32	29	31	21	20	21	24	24	24
6	28	26	27	31	29	30	21	20	21	25	24	24
7	26	25	26	31	29	30	21	20	20	26	25	25
8	26	25	25	31	29	30	21	20	20	28	26	26
9	26	25	26	31	30	31	23	21	22	29	28	28
10	27	26	26	32	30	31	24	23	23	31	29	30
11	28	27	27	32	30	31	24	24	24	36	31	32
12	28	27	27	32	31	32	---	24	---	36	33	35
13	28	27	27	34	32	32	---	---	---	35	34	34
14	29	27	29	34	32	33	---	---	---	35	34	35
15	30	29	30	35	32	34	25	24	24	36	34	35
16	36	29	31	35	32	34	26	25	25	38	34	36
17	31	29	30	35	34	35	26	26	26	36	35	35
18	30	29	30	35	34	34	27	26	27	35	35	35
19	30	29	30	35	33	34	---	27	---	35	34	35
20	31	29	30	33	32	33	---	---	---	35	34	34
21	32	30	31	33	32	33	---	---	---	37	34	35
22	33	31	32	---	---	---	31	30	31	36	34	35
23	33	32	33	---	---	---	32	31	32	38	35	35
24	34	32	33	---	---	---	33	32	32	36	35	35
25	34	33	34	---	---	---	35	32	33	44	34	37
26	34	33	33	---	---	---	32	28	30	44	34	38
27	33	31	32	---	---	---	32	29	31	43	34	38
28	32	31	31	---	---	---	33	29	31	43	34	37
29	---	---	---	---	---	---	31	29	30	43	34	37
30	---	---	---	---	---	---	30	25	28	44	35	37
31	---	---	---	28	26	27	---	---	---	45	35	38

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	47	35	39	45	39	41	38	33	34	---	---	---
2	46	33	37	39	38	38	38	---	---	---	57	---
3	34	31	32	43	38	39	---	32	---	57	---	---
4	32	30	31	59	38	45	34	31	33	---	---	---
5	31	30	30	41	39	39	32	30	31	---	48	---
6	32	28	30	39	25	33	32	29	30	48	46	47
7	32	29	30	25	23	24	31	29	30	47	45	46
8	33	31	32	25	23	24	31	29	30	45	44	44
9	32	30	31	24	23	23	30	28	29	45	43	44
10	31	30	30	23	22	22	30	29	29	45	---	---
11	32	30	31	24	22	23	31	29	30	47	42	45
12	34	30	32	24	23	24	32	30	31	48	43	45
13	34	30	32	24	24	24	34	31	32	56	44	48
14	31	28	30	24	23	23	37	31	33	50	44	47
15	30	26	27	24	23	23	36	32	33	50	44	47
16	28	26	27	24	24	24	34	31	32	50	44	48
17	28	27	28	26	24	24	34	33	34	49	45	47
18	29	28	28	25	24	25	36	34	34	47	45	46
19	30	29	29	25	24	25	36	34	35	47	45	45
20	31	30	30	24	22	23	36	35	35	64	44	51
21	33	30	31	23	22	23	---	---	---	46	44	45
22	33	31	32	23	23	23	37	35	36	188	45	50
23	35	32	34	26	23	25	43	37	39	25500	188	15700
24	38	35	36	28	26	27	41	---	---	---	869	---
25	38	35	37	---	27	---	41	36	38	---	115	---
26	50	36	40	31	28	29	40	34	36	115	---	---
27	54	36	44	---	---	---	49	33	36	77	---	---
28	55	38	45	---	31	---	40	33	36	68	---	---
29	58	39	44	---	32	---	---	33	---	59	---	---
30	51	39	41	---	---	---	---	---	---	53	47	50
31	---	---	---	36	33	34	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.7	25.6	26.3	26.2	25.5	25.8	---	---	---	15.5	13.2	14.4
2	26.8	26.1	26.5	26.8	25.5	26.2	---	---	---	16.0	14.5	15.3
3	27.3	26.5	26.9	26.7	25.5	26.0	---	---	---	17.5	15.7	16.6
4	27.6	26.7	27.1	25.7	23.7	24.8	---	---	---	18.0	16.7	17.4
5	27.5	26.6	27.0	23.7	21.4	22.5	---	---	---	---	---	---
6	27.1	26.3	26.6	21.8	20.1	20.8	---	---	---	19.4	18.4	18.9
7	27.1	26.2	26.6	20.7	19.5	20.2	---	---	---	20.2	19.0	19.5
8	26.6	25.5	26.2	20.8	19.7	20.2	---	---	---	20.6	19.5	20.0
9	25.7	24.9	25.4	20.4	19.2	19.7	20.5	19.1	19.8	---	---	---
10	25.2	24.5	24.8	20.2	19.2	19.5	20.6	19.5	20.1	19.4	18.5	19.0
11	25.6	24.3	24.9	21.2	19.6	20.3	19.9	17.4	18.5	19.4	18.7	19.1
12	25.5	25.0	25.3	21.3	20.4	20.8	17.8	16.1	16.8	20.3	19.0	19.7
13	25.1	24.2	24.6	21.1	19.3	19.9	17.2	16.1	16.6	20.7	19.9	20.3
14	24.5	23.4	24.0	19.9	19.0	19.4	16.8	14.0	15.5	20.3	17.6	19.0
15	23.5	22.4	22.9	19.9	18.8	19.2	14.6	12.3	13.3	17.7	16.1	16.8
16	22.6	21.7	22.1	---	---	---	13.1	11.7	12.3	16.4	15.1	15.7
17	22.7	21.7	22.3	---	---	---	12.8	11.6	12.2	15.2	13.1	14.1
18	23.3	22.4	22.7	---	---	---	12.8	11.7	12.3	13.2	11.7	12.3
19	24.2	22.8	23.4	---	---	---	13.0	11.8	12.4	11.9	11.0	11.5
20	25.8	23.8	24.5	21.1	19.6	20.3	12.5	11.2	11.8	12.7	11.2	12.1
21	26.6	25.3	25.9	21.5	20.3	20.9	12.4	10.8	11.6	13.9	12.4	13.3
22	26.8	26.0	26.4	22.1	20.8	21.5	13.7	11.8	12.9	15.2	13.7	14.6
23	26.7	26.1	26.4	---	---	---	14.6	13.2	14.0	15.2	14.0	14.7
24	26.7	25.8	26.3	---	---	---	13.9	11.2	12.4	14.0	12.6	13.1
25	26.9	25.6	26.3	---	---	---	11.8	9.7	10.8	13.0	12.0	12.6
26	26.9	26.0	26.4	---	---	---	10.8	9.3	9.9	13.8	12.6	13.2
27	26.8	25.7	26.3	---	---	---	10.3	9.1	9.7	14.7	13.6	14.2
28	26.8	25.5	26.1	---	---	---	10.7	9.3	10	14.7	14.1	14.5
29	26.1	25.3	25.6	---	---	---	11.6	9.8	10.7	15.1	14.1	14.6
30	25.8	25.1	25.4	---	---	---	12.6	10.7	11.7	15.6	14.7	15.1
31	26.0	25.1	25.5	---	---	---	14.1	11.8	12.9	15.4	14.7	15.2

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.0	14.2	14.6	17.4	16.4	16.9	19.7	18.1	18.8	20.1	19.4	19.7
2	15.0	14.0	14.5	---	---	---	18.2	17.6	17.9	19.4	18.8	19.1
3	---	---	---	16.1	15.4	15.7	18.1	17.4	17.7	19.4	18.5	18.9
4	14.5	13.5	14.0	16.3	15.0	15.8	18.1	17.2	17.6	19.0	18.3	18.7
5	14.3	13.3	13.8	17.2	16.0	16.7	18.6	---	---	19.1	17.9	18.5
6	14.4	13.2	13.9	17.7	16.9	17.3	18.8	18.4	18.6	19.5	18.4	18.9
7	15.7	13.9	14.7	17.8	16.9	17.4	19.1	18.6	18.8	19.7	18.9	19.3
8	16.0	14.7	15.4	18.7	17.4	18.1	19.1	18.7	18.8	20.5	19.4	19.9
9	16.8	15.4	16.1	18.4	17.5	18.0	19.5	18.4	18.9	21.0	20.1	20.5
10	16.9	15.6	16.2	17.9	17.1	17.5	20.1	18.9	19.4	21.8	20.8	21.1
11	15.9	14.4	15.1	---	---	---	20.4	19.6	20.0	22.7	21.5	21.9
12	15.3	14.6	14.9	18.2	17.0	17.6	---	20.1	---	23.6	22.5	22.8
13	16.0	14.5	15.3	---	---	---	---	---	---	24.3	23.3	23.5
14	17.4	15.4	16.4	19.7	18.6	19.1	---	---	---	24.6	23.8	24.0
15	18.0	16.9	17.4	19.5	18.9	19.2	19.9	18.6	19.3	24.5	23.8	24.1
16	19.5	17.6	18.6	19.3	18.6	18.9	20.1	18.8	19.4	24.0	23.2	23.6
17	19.8	18.4	19.2	18.8	16.7	17.8	20.2	18.8	19.5	23.9	23.0	23.4
18	18.7	17.4	18.0	16.9	16.0	16.5	19.9	19.0	19.5	24.5	23.4	23.9
19	17.7	16.3	16.9	17.1	16.0	16.7	---	---	---	25.0	24.0	24.5
20	17.7	16.2	17.0	17.6	16.5	17.3	---	---	---	---	24.3	---
21	18.5	17.0	17.8	18.5	17.1	17.8	---	---	---	26.0	24.7	25.2
22	19.8	18.1	19.0	---	---	---	21.4	20.5	20.9	26.1	25.4	25.7
23	20.6	19.3	20.1	---	---	---	21.9	21.4	21.6	26.3	25.4	25.8
24	20.5	19.8	20.2	---	---	---	21.5	20.4	20.9	27.4	26.1	26.6
25	20.3	19.4	19.9	---	---	---	20.4	18.8	19.6	27.4	26.8	27.0
26	19.7	17.9	19.0	---	---	---	19.0	18.4	18.7	26.8	25.9	26.2
27	18.2	17.3	17.8	---	---	---	19.2	18.4	18.8	26.0	25.3	25.5
28	17.6	16.9	17.3	---	---	---	19.8	18.7	19.2	26.0	25.2	25.5
29	---	---	---	---	---	---	20.7	19.6	20.0	25.9	24.9	25.5
30	---	---	---	19.4	---	---	20.9	20.1	20.7	24.9	24.5	24.6
31	---	---	---	19.9	19.4	19.7	---	---	---	24.6	24.3	24.5

		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.4	23.9	24.2	26.6	26.3	26.4	---	---	---	---	---	---
2	24.1	23.5	23.8	26.8	26.1	26.4	26.3	---	---	---	---	---
3	24.6	23.5	24.0	27.8	26.6	27.1	---	---	---	---	---	---
4	25.1	24.1	24.5	28.6	27.6	28.1	26.0	25.4	25.8	---	---	---
5	25.7	24.7	25.1	28.6	28.1	28.4	25.6	24.9	25.2	---	---	---
6	25.6	24.4	25.2	28.1	24.5	26.3	25.8	25.1	25.4	---	---	---
7	24.4	23.8	24.1	24.7	24.2	24.5	26.3	25.4	25.8	27.3	---	---
8	25.0	23.9	24.4	24.9	24.2	24.5	26.9	25.9	26.3	27.0	26.2	26.7
9	25.5	24.6	25.0	24.8	24.3	24.5	27.4	26.5	26.9	27.1	---	---
10	25.3	24.9	25.1	24.6	24.2	24.4	27.5	26.9	27.2	26.9	---	---
11	25.1	24.3	24.8	24.9	24.1	24.5	27.6	27.1	27.3	26.7	---	---
12	25.1	24.0	24.5	25.4	24.7	25.0	27.8	27.2	27.5	26.7	26.2	26.4
13	25.5	24.6	25.0	25.8	25.1	25.4	27.8	27.2	27.5	26.6	26.0	26.3
14	25.7	24.8	25.2	25.8	25.5	25.7	28.3	27.5	27.8	26.5	---	---
15	26.2	25.2	25.7	---	---	---	28.6	28.0	28.2	26.8	25.9	26.3
16	26.6	25.4	25.9	26.4	25.6	26.0	28.2	27.1	27.7	27.2	26.2	26.5
17	26.5	25.8	26.1	27.1	26.1	26.5	27.2	26.8	27.0	27.4	26.6	26.9
18	26.0	25.4	25.7	27.2	26.5	26.8	27.8	26.9	27.2	27.8	26.9	27.2
19	26.0	25.2	25.6	27.3	26.6	26.9	28.2	27.4	27.7	28.1	27.3	27.7
20	26.0	25.2	25.6	27.5	26.7	27.1	28.5	27.7	28.1	28.5	27.8	28.1
21	26.6	25.6	26.0	27.8	26.9	27.3	28.7	28.0	28.3	28.4	---	---
22	27.0	26.1	26.4	27.7	26.8	27.3	29.1	28.3	28.6	28.4	28.1	28.3
23	27.2	26.4	26.6	---	27.1	---	29.0	28.6	28.8	28.5	27.6	28.2
24	27.2	26.6	26.8	---	---	---	28.9	27.8	28.3	---	27.3	---
25	27.2	26.5	26.8	---	---	---	27.8	27.2	27.5	27.5	---	---
26	27.3	26.7	26.9	---	28.1	---	28.0	27.4	27.6	27.7	---	---
27	27.4	26.9	27.1	---	---	---	28.1	27.5	27.9	28.0	---	---
28	27.4	27.0	27.2	---	---	---	28.2	27.8	27.9	27.8	27.1	27.5
29	27.3	27.0	27.1	---	27.8	---	---	---	---	27.5	---	---
30	27.1	26.5	26.7	---	27.0	---	---	---	---	27.4	27.0	27.2
31	---	---	---	27.0	26.5	26.7	---	---	---	---	---	---

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, MS

LOCATION.--Lat 30°22'04", long 88°33'47", 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, 33.6°C, August 20, 2005, 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, 48,500 microsiemens, Mar. 2, but may have been higher during periods of instrument malfunction; minimum recorded, 83 microsiemens, Apr. 8, 9, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.6°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 8.5°C, Dec. 28, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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	40600	23300	33600	36600	23900	31000	38600	3020	17400	31800	14100	24300
2	40700	26700	34800	37200	---	---	38600	6220	17600	30700	12100	22900
3	40800	26700	34600	37400	13800	25900	39500	5990	19400	29400	10100	---
4	41200	28800	---	41700	11200	24600	38200	6540	19800	25000	8280	17200
5	42100	24800	34100	43500	14600	28900	33000	6470	17800	35400	6770	19000
6	41300	28900	35700	43700	11200	28300	26500	5000	14000	43000	10800	22100
7	39200	28800	36400	45800	13100	30600	29100	3720	10600	33500	14300	23700
8	37100	29300	35000	47300	11200	33900	32300	5230	16700	41400	14500	26500
9	36000	30300	34200	47900	17000	45300	16500	---	---	39900	15200	28200
10	35600	30600	33800	44600	10100	34800	39800	1690	9840	38600	14100	27000
11	33900	22700	29700	40300	17800	30600	40900	1260	18000	39500	12400	---
12	44800	20300	32500	43300	10700	29200	42100	2160	17500	37300	10400	24000
13	46000	16600	28100	45300	9970	---	37500	1160	13600	38800	9180	25700
14	46500	13700	30800	44000	14600	32000	40700	1160	13700	41400	7350	23100
15	43800	13400	29600	42900	15600	31700	44900	1910	18000	43000	14200	32100
16	42700	15000	29900	40700	14900	---	44900	3800	20000	45300	13200	30000
17	40700	18700	30900	40200	15000	30200	41600	5730	15200	45600	12300	28800
18	40200	21300	32100	40300	18700	31700	33600	---	---	45600	12300	30000
19	39200	20000	30500	39500	19300	31300	5060	3820	4380	43600	10700	25500
20	43000	18400	31600	42000	12900	30300	44200	3940	21800	44000	8540	26200
21	45200	19000	33600	37300	13900	29400	36100	4450	---	45600	9160	28000
22	44600	18100	35500	39500	10300	28900	35700	9480	25900	45500	10600	26900
23	43600	18100	33700	41700	9280	24200	36300	12600	25400	43500	9410	29000
24	44200	16400	31300	33300	11500	19300	40900	15400	31400	45300	16200	34200
25	44300	15700	34600	40400	9710	24600	42000	17100	33100	45900	15700	31500
26	44300	13000	36900	42800	13400	30500	40900	14300	29300	43000	16800	31700
27	41300	13800	31800	37200	12700	24100	40800	10900	26300	46000	16400	34000
28	40800	19700	32500	40400	9900	25400	37700	10200	24100	46000	24200	41900
29	40300	23300	32600	39000	8470	22600	36900	12800	24700	44000	28200	39100
30	38400	22200	31900	38200	7180	18100	34600	13400	23600	44300	23700	37000
31	36600	22200	30500	---	---	---	33100	15200	24600	44600	16900	37900

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	42200	16900	35800	45800	8660	22600	21100	1730	10300	36900	2160	19400
2	38100	13100	27600	48500	11200	31300	1790	533	1070	36900	2580	18100
3	42300	12000	25100	43900	11500	29900	1230	268	669	34700	3740	18100
4	45500	9450	27200	41000	15500	29300	1310	198	655	38400	4820	13000
5	42900	7050	25200	40300	13200	25400	877	153	397	40800	3550	16500
6	42400	3440	24100	---	11500	---	448	99	163	40900	4850	21500
7	40200	2800	18100	44900	14000	31000	121	87	98	33800	4850	18100
8	39600	1390	16300	42100	9650	25700	99	83	92	34800	6700	16600
9	41100	1070	11700	46700	15400	34200	525	83	229	32300	7070	16900
10	10600	1050	3730	45500	14000	30400	1720	108	615	---	9130	---
11	4310	1330	2600	45800	12200	20700	6650	93	1320	35400	9830	20500
12	3700	1480	2550	45800	6750	24400	13500	142	1420	38200	9740	24800
13	37100	2700	16400	38300	6160	17700	32500	129	6780	33000	11900	22800
14	5410	1510	---	43200	6730	26600	41700	248	10500	31300	14200	22700
15	37700	1790	13500	48400	17600	38600	44800	508	9400	34500	12500	23200
16	34600	886	12400	42600	17200	27100	4900	547	2140	40100	12600	30100
17	43600	1290	17400	---	15700	---	24700	404	2760	37400	14000	27400
18	39300	1600	16600	44800	12200	30400	3420	522	1660	33600	13600	26400
19	36600	1440	17500	43000	9640	26300	3060	742	1550	34000	15400	26200
20	34400	2650	15600	40600	9560	---	3120	789	1640	32100	7980	---
21	36700	3210	16700	41000	13600	30500	2810	843	1770	40100	---	---
22	39300	4290	19700	37900	14500	26200	2120	1220	---	37700	17500	26900
23	41200	3860	---	37800	12500	20800	31400	1050	6770	31300	14400	23600
24	45500	8150	25500	42500	10200	27100	47800	9320	29200	40000	15500	26100
25	48100	13300	39100	40100	8030	21600	42500	10400	26600	40400	16600	30700
26	48300	26300	41200	39500	8070	22400	28500	8940	19900	38000	21200	31500
27	41200	14700	32100	35200	6830	---	---	7600	---	37100	21900	31200
28	41800	11000	20100	32200	5800	10600	36800	7350	23800	38000	19800	29800
29	---	---	---	43700	6060	21300	30200	8780	17400	36500	17800	26300
30	---	---	---	27700	6200	---	35800	5250	12300	32700	17800	24500
31	---	---	---	33200	5410	16700	---	---	---	37100	16400	27200
		JUNE			JULY			AUGUST			SEPTEMBER	
1	40000	11100	21200	36600	14200	25300	31000	16200	22800	---	---	---
2	40900	9800	24600	42600	14200	26700	27900	15600	22700	---	---	---
3	40500	8940	24800	42600	16400	27100	32100	13400	23100	---	---	---
4	33000	10500	19500	39100	15500	23400	29900	12400	21700	---	---	---
5	30100	5430	18100	30600	18100	24400	37600	14000	23300	---	---	---
6	33500	3580	20100	34500	12400	26100	37400	12200	23100	---	---	---
7	37800	3580	21400	35000	3250	18100	37300	12200	23800	---	---	---
8	38500	5720	23300	38300	2590	18800	41200	11500	29000	---	---	---
9	38000	8940	25700	41000	1530	22100	45000	9640	35400	---	---	---
10	38700	11600	27400	39100	4900	28000	45100	11900	33900	---	---	---
11	38700	16800	31000	13800	1960	6810	---	---	---	---	---	---
12	38600	13900	25600	35800	1490	16800	---	---	---	---	---	---
13	37000	10200	21000	5060	2340	3190	---	---	---	---	---	---
14	32100	6600	17400	26300	2040	7300	---	---	---	---	---	---
15	39500	6100	21500	26600	2530	---	---	---	---	---	---	---
16	38500	6710	15800	21400	1780	10300	---	---	---	---	---	---
17	41900	9350	24900	23700	1070	11000	---	---	---	---	---	---
18	41900	7510	22100	27000	1740	13800	41700	20100	32400	---	---	---
19	43100	10100	24500	26500	2070	14400	41600	20000	30900	---	---	---
20	41600	13100	27300	24600	2040	15200	42600	18500	30200	---	---	---
21	33300	12200	25000	30100	1780	15200	44000	21700	36000	---	---	---
22	32000	10700	24700	36000	1980	18700	44900	21200	38200	37000	31800	35400
23	32800	10700	24700	35300	2480	16000	46000	22300	35500	38000	32600	35700
24	33000	11800	25800	43200	5360	23700	41300	17600	31200	37300	27200	32700
25	34600	15200	27100	38100	7150	20300	40600	19000	29700	33200	22300	28100
26	34600	18500	28600	25400	---	---	40100	20800	30400	36800	17800	23800
27	35200	18000	27100	28200	5360	15600	38800	22900	31100	41200	20000	31900
28	31700	17800	27500	40800	8130	22100	38300	33600	35400	43800	20800	34100
29	31600	12400	22100	38300	11100	24200	---	---	---	41800	21200	32600
30	33800	13000	23000	31600	14500	22500	---	---	---	42300	18200	28600
31	---	---	---	33000	17400	23400	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.1	26.0	26.4	26.2	25.2	25.7	18.2	15.8	17.1	14.8	12.3	13.4
2	27.1	26.5	26.8	---	---	---	18.2	14.8	16.0	15.4	13.0	14.2
3	27.8	26.8	27.2	26.4	25.5	25.9	17.8	14.1	15.7	---	14.0	---
4	---	---	---	26.2	24.0	25.1	17.5	14.0	15.4	16.1	14.5	15.4
5	28.3	26.9	27.4	25.8	21.1	23.5	16.2	14.0	15.0	17.5	15.1	15.9
6	27.4	26.0	26.8	24.6	20.9	22.9	16.0	14.7	15.3	17.5	15.9	16.6
7	27.1	25.9	26.4	24.8	20.9	23.0	16.7	15.7	16.2	17.8	16.5	17.0
8	25.9	24.9	25.2	24.6	20.8	23.2	17.3	16.0	16.7	17.6	17.0	17.4
9	25.1	24.0	24.4	24.5	20.1	23.8	17.5	---	---	17.4	16.4	17.0
10	24.4	23.4	23.7	23.3	19.2	20.8	18.8	16.3	17.2	17.6	16.6	17.1
11	25.0	23.4	24.2	20.7	19.9	20.2	19.4	15.2	16.9	18.4	---	---
12	25.9	24.3	24.8	21.8	20.7	19.2	19.1	15.0	16.3	18.8	17.7	18.1
13	24.9	24.0	24.5	22.4	18.5	---	18.0	14.8	16.0	19.0	18.0	18.5
14	24.8	22.6	24.1	21.4	18.7	19.9	17.4	13.2	14.6	18.4	16.6	17.3
15	24.1	21.7	23.0	20.2	18.3	19.0	18.1	11.7	13.9	17.7	13.9	16.6
16	24.0	21.3	22.7	---	---	---	16.8	11.7	13.4	17.4	13.9	16.0
17	24.4	22.6	23.3	18.9	17.5	18.3	15.3	11.2	12.3	16.9	12.1	14.5
18	24.4	23.3	23.8	18.8	17.7	18.4	13.3	---	---	15.6	11.8	13.7
19	24.6	24.1	24.4	19.2	18.5	18.9	11.4	10.4	11.1	14.2	11.6	12.5
20	25.4	24.4	24.8	19.9	19.0	19.4	16.6	9.6	12.7	14.0	11.4	12.7
21	25.3	24.6	24.9	20.3	19.4	19.7	13.9	---	---	14.6	11.7	13.4
22	25.6	24.8	25.1	20.5	19.8	20.2	14.5	12.0	13.4	15.4	12.6	14.0
23	25.8	24.9	25.3	21.6	20.1	20.6	14.5	11.3	13.3	14.2	10.7	12.9
24	25.3	24.7	25.1	21.6	20.0	21.0	15.6	9.9	12.4	14.4	10.2	12.5
25	26.2	25.0	25.2	20.4	17.4	19.4	14.1	9.5	11.5	13.8	10.8	12.3
26	26.6	25.1	25.6	20.6	17.3	18.8	12.4	8.8	10.2	13.6	12.1	13.0
27	26.5	25.5	26.0	19.0	17.5	18.3	12.0	8.6	10.3	14.1	12.9	13.6
28	26.4	25.2	25.8	19.3	16.8	18.0	11.8	8.5	10.2	14.0	12.4	13.5
29	26.4	25.3	25.7	18.5	16.2	17.2	11.9	9.4	10.7	13.2	12.6	12.9
30	26.1	25.2	25.6	18.4	16.9	17.4	12.6	10.0	11.2	14.0	12.7	13.4
31	26.2	25.3	25.7	---	---	---	13.5	11.1	12.2	14.0	12.7	13.6
		FEBRUARY			MARCH			APRIL			MAY	
1	13.9	12.7	13.3	16.8	14.7	15.8	20.2	18.8	19.5	22.0	20.1	21.2
2	13.4	12.7	13.0	16.9	14.6	15.7	19.3	18.1	18.5	21.3	19.8	20.7
3	14.5	12.3	13.2	16.1	14.4	15.1	19.0	17.4	18.2	21.0	19.6	20.6
4	14.6	11.7	13.1	15.5	14.0	15.0	19.0	17.9	18.4	21.0	19.5	20.3
5	14.4	11.4	13.0	16.4	14.5	15.4	19.4	18.4	18.9	21.1	19.3	20.4
6	14.1	11.4	12.9	15.9	---	---	19.8	19.3	19.5	21.4	20.4	21.0
7	14.5	12.1	13.0	17.3	14.9	15.9	20.6	18.8	19.6	22.2	20.9	21.6
8	14.4	12.9	13.5	16.9	15.2	16.0	20.4	19.1	19.7	23.6	21.4	22.3
9	14.7	13.8	14.1	16.7	14.8	16.0	21.1	19.0	19.9	24.0	22.0	22.9
10	14.3	12.6	13.3	16.9	14.6	15.9	21.1	19.7	20.3	25.1	---	---
11	12.8	12.1	12.5	16.5	15.1	15.8	21.4	20.0	20.6	26.4	22.9	24.5
12	12.9	12.2	12.5	16.9	15.9	16.4	22.2	20.4	21.2	26.6	23.2	24.7
13	14.6	12.4	13.7	18.9	16.0	17.1	21.8	20.6	21.2	26.6	24.5	25.3
14	---	13.8	---	18.0	16.8	17.3	21.2	20.0	20.5	27.1	25.1	25.8
15	16.0	14.4	15.0	17.3	16.5	16.8	20.9	19.4	20.1	27.1	25.1	26.0
16	16.9	15.2	15.7	17.0	16.1	16.7	20.9	19.8	20.4	26.7	24.1	25.5
17	16.4	15.0	15.8	---	15.0	---	20.9	20.0	20.5	27.2	25.0	26.0
18	15.8	14.4	15.0	17.7	14.7	16.4	20.9	20.3	20.6	27.7	25.7	26.5
19	15.2	14.0	14.6	17.4	15.4	16.4	20.8	20.3	20.5	27.8	26.3	27.1
20	15.4	14.3	14.7	17.0	---	---	21.4	20.3	20.7	28.9	26.8	---
21	16.4	15.0	15.4	18.1	15.5	16.7	22.2	20.7	21.4	29.2	24.8	26.9
22	16.9	16.0	16.1	18.7	16.5	17.4	23.1	---	---	28.5	25.1	27.3
23	17.7	16.2	---	19.4	17.1	18.0	22.8	21.1	22.0	28.7	27.0	28.0
24	17.4	16.5	16.8	20.2	17.1	18.0	22.1	20.4	21.1	29.6	26.0	28.0
25	17.1	15.9	16.8	20.9	18.2	18.9	21.3	20.1	20.6	28.8	25.9	27.4
26	17.1	15.9	16.7	20.2	18.5	19.4	21.6	19.7	20.6	27.7	25.6	26.8
27	16.2	15.5	15.8	---	19.4	---	22.5	---	---	28.1	26.2	27.1
28	16.6	15.2	15.7	19.8	18.6	19.3	23.0	20.9	21.8	28.6	26.6	27.6
29	---	---	---	21.2	18.9	19.6	23.8	21.6	22.4	28.1	26.5	27.2
30	---	---	---	20.5	---	---	22.8	21.4	22.3	26.5	25.5	26.0
31	---	---	---	20.8	19.7	20.1	---	---	---	26.8	25.6	25.9

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.2	25.6	26.3	30.4	28.5	29.3	30.1	29.6	29.8	---	---	---
2	27.7	25.7	26.4	30.4	28.4	29.4	29.7	29.0	29.3	---	---	---
3	28.2	25.8	26.9	30.6	28.4	29.5	29.1	28.7	28.9	---	---	---
4	28.8	26.8	27.7	31.1	28.8	30.2	28.9	28.0	28.6	---	---	---
5	29.1	27.1	28.0	30.7	29.4	29.8	28.8	28.1	28.3	---	---	---
6	29.3	26.2	28.0	29.4	26.8	27.6	29.1	27.9	28.4	---	---	---
7	28.9	26.2	27.8	29.0	26.7	27.5	29.8	27.9	28.8	---	---	---
8	30.0	27.0	28.4	28.7	26.7	27.6	30.3	28.8	29.2	---	---	---
9	30.1	27.8	28.6	29.7	26.4	27.9	30.2	29.0	29.3	---	---	---
10	29.2	27.9	28.6	28.4	25.4	27.3	30.1	29.0	29.4	---	---	---
11	28.6	26.1	27.6	26.4	24.8	25.6	---	---	---	---	---	---
12	29.0	26.0	27.2	28.6	26.0	27.0	---	---	---	---	---	---
13	30.5	27.0	27.9	29.1	26.9	28.0	31.2	29.5	30.4	---	---	---
14	30.1	27.5	28.3	28.1	27.0	27.6	31.9	30.5	31.2	---	---	---
15	30.1	27.4	28.1	---	26.9	---	32.1	30.3	31.1	---	---	---
16	29.6	27.3	28.2	28.8	27.4	28.2	31.0	30.1	30.7	---	---	---
17	29.5	27.3	28.1	29.6	27.8	28.7	31.3	30.3	30.9	---	---	---
18	28.2	27.0	27.7	30.3	28.1	29.3	31.9	30.3	31.1	---	---	---
19	28.9	27.4	28.1	30.4	28.8	29.6	32.5	30.7	31.5	---	---	---
20	28.8	27.6	28.2	31.8	29.0	30.2	33.6	30.7	31.8	---	---	---
21	29.4	28.1	28.6	31.7	29.2	30.2	32.6	30.8	31.4	---	---	---
22	30.1	28.6	29.1	32.2	29.1	30.0	32.8	30.6	31.3	29.9	28.7	29.3
23	30.4	28.7	29.3	30.7	29.3	29.8	31.5	30.4	30.8	29.1	27.9	28.5
24	30.3	29.0	29.5	31.3	29.1	30.0	31.3	30.4	30.9	28.5	27.6	28.0
25	30.5	29.2	29.7	31.8	29.4	30.3	31.3	29.6	30.6	28.8	27.9	28.4
26	30.2	29.1	29.6	---	29.9	---	31.4	29.9	30.9	29.0	28.2	28.6
27	30.6	29.4	29.9	31.6	29.8	30.4	31.4	30.0	30.9	29.4	27.8	28.6
28	30.0	29.3	29.7	31.1	29.1	30.3	31.3	30.0	30.8	29.2	28.3	28.8
29	29.5	28.6	29.2	31.2	29.2	30.1	---	---	---	29.5	28.6	29.0
30	29.3	28.4	28.8	30.7	29.6	30.1	---	---	---	29.5	28.6	29.1
31	---	---	---	30.1	29.3	29.7	---	---	---	---	---	---

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.--54.4 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 good. Specific conductance records poor. Water temperature records excellent. Interruptions in the record were due to malfunction of the instruments.

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 16.50 ft, Apr. 1, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, -0.66 ft, Apr. 14, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 129 microsiemens, Sept. 30, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 17 microsiemens, May 12, 2004, Apr. 1, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 30.4 °C, July 24, 2004, but may have been higher during periods of instrument malfunction; minimum recorded, 6.6°C, Dec. 26, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 16.50 ft, Apr. 1, but may have been higher during periods of instrument malfunction; minimum recorded, -0.59 ft, Jan. 23, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 129 microsiemens, Sept. 30, but may have been higher during periods of instrument malfunction; minimum recorded, 17 microsiemens, Apr. 1, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 29.7°C, July 4, but may have been higher during periods of instrument malfunction; minimum recorded, 6.6°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.30	0.33	1.44	3.40	1.62	2.53	2.36	1.00	1.59	2.09	0.75	1.48
2	2.42	0.13	1.35	3.51	1.54	2.63	2.37	1.25	1.73	2.04	0.87	1.52
3	2.32	0.16	1.31	3.97	2.94	3.47	1.94	0.95	1.45	1.61	0.94	1.26
4	2.41	0.39	1.43	3.44	1.62	2.44	1.99	1.07	1.51	1.60	0.83	1.21
5	2.17	0.40	1.25	2.12	0.91	1.49	2.26	1.25	1.71	2.28	0.56	1.41
6	2.32	0.83	1.62	1.76	0.67	1.28	2.32	1.82	2.05	2.33	0.26	1.31
7	2.62	1.42	2.08	1.45	0.85	1.17	2.63	1.77	2.13	2.64	0.11	1.41
8	3.05	1.46	2.48	1.42	0.57	0.93	2.59	1.73	2.18	2.36	-0.01	1.33
9	2.91	1.78	2.56	2.21	0.78	1.42	4.05	1.47	2.61	2.53	0.24	1.24
10	3.43	2.39	3.04	3.25	1.30	2.10	4.03	2.73	3.23	2.59	0.09	1.29
11	3.55	2.91	3.28	5.99	3.23	4.38	2.73	1.33	1.80	2.81	0.12	1.47
12	3.02	1.96	2.51	6.32	4.42	5.39	2.58	0.74	1.44	3.00	0.62	1.89
13	2.27	1.00	1.66	4.42	2.48	3.14	2.59	0.44	1.30	3.26	0.94	2.27
14	1.92	0.51	1.43	3.18	1.39	2.31	1.60	0.22	0.74	2.80	0.35	1.25
15	2.17	0.21	1.18	3.13	1.00	2.10	1.62	0.27	0.81	1.49	0.63	1.03
16	2.29	0.02	1.22	3.08	0.72	1.96	1.85	0.63	1.16	0.89	-0.04	0.52
17	2.43	-0.12	1.29	2.93	0.65	1.86	1.79	0.79	1.30	1.05	-0.16	0.30
18	2.82	0.32	1.74	2.86	1.02	1.98	1.61	1.01	1.31	1.52	-0.10	0.66
19	3.04	0.38	1.90	2.82	1.07	2.05	1.32	0.27	0.70	1.95	0.04	0.94
20	2.76	0.14	1.62	2.29	1.10	1.86	1.23	0.05	0.62	2.11	0.03	1.07
21	2.41	0.13	1.42	2.13	1.62	1.90	2.02	0.22	1.09	2.35	0.24	1.30
22	2.19	0.54	1.51	2.33	1.49	1.90	---	---	---	2.12	0.16	1.28
23	2.54	0.87	1.89	2.75	1.27	2.00	3.46	0.28	1.56	1.48	-0.59	0.37
24	1.94	1.02	1.58	3.02	1.86	2.42	1.99	0.00	0.90	1.90	-0.39	0.60
25	1.71	0.96	1.45	2.60	1.23	1.85	2.03	0.06	0.95	2.18	-0.37	0.85
26	2.12	0.85	1.57	3.04	0.88	1.80	2.29	-0.08	0.93	2.23	0.09	1.18
27	2.37	0.53	1.58	3.07	1.62	2.19	1.64	-0.24	0.56	2.00	-0.40	0.85
28	2.46	0.27	1.53	3.12	1.68	2.26	1.76	-0.19	0.69	2.57	0.74	1.77
29	2.64	0.37	1.65	3.15	1.47	2.18	2.00	0.10	1.05	3.00	1.14	2.04
30	2.86	0.53	1.87	2.99	1.64	2.22	2.11	0.20	1.21	2.06	1.07	1.60
31	3.03	0.70	2.07	---	---	---	2.34	0.47	1.41	2.05	1.15	1.64

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.90	1.21	2.07	1.24	0.09	0.67	---	---	---	7.01	4.31	6.11
2	5.83	2.90	4.49	1.86	-0.02	0.92	---	---	---	4.31	2.37	2.91
3	---	---	4.91	2.49	0.11	1.27	---	---	---	2.37	1.57	1.92
4	3.70	2.29	2.70	2.45	0.34	1.38	---	---	---	1.90	1.41	1.66
5	2.69	1.37	2.03	1.91	0.15	1.08	---	---	---	1.79	1.40	1.57
6	3.46	1.25	2.18	2.30	-0.12	1.08	7.40	3.87	4.97	2.28	1.17	1.79
7	3.46	1.89	2.56	2.62	0.02	1.34	7.42	5.29	6.36	1.96	0.67	1.43
8	3.34	2.17	2.73	2.47	-0.25	1.08	5.29	3.88	4.58	2.46	0.58	1.58
9	3.35	2.18	2.69	1.68	0.15	0.98	3.88	3.11	3.55	2.65	0.45	1.61
10	3.06	1.76	2.23	1.73	-0.26	0.65	3.32	2.84	3.09	2.77	0.45	1.78
11	2.15	1.71	1.90	1.84	0.03	0.76	3.58	2.66	3.09	2.51	0.35	1.46
12	1.90	1.63	1.79	1.38	0.44	0.80	8.42	3.10	7.26	2.35	0.33	1.42
13	2.60	1.75	2.23	1.79	0.42	1.01	6.81	3.50	4.98	2.51	0.27	1.53
14	2.42	2.06	2.26	1.35	-0.20	0.79	3.50	2.59	2.90	2.53	0.62	1.66
15	2.56	1.87	2.18	2.28	-0.24	1.25	2.74	2.08	2.42	2.37	0.83	1.59
16	2.66	1.58	2.13	2.54	0.83	1.72	2.68	1.85	2.28	2.39	0.52	1.49
17	2.56	1.50	2.03	2.16	1.25	1.71	2.47	1.71	2.12	1.89	0.65	1.34
18	2.54	1.24	1.90	1.83	0.78	1.31	2.36	1.68	2.04	1.68	0.87	1.31
19	2.38	1.19	1.83	1.72	0.42	1.13	2.38	1.76	2.10	1.60	1.06	1.29
20	2.44	1.18	1.81	2.05	0.28	1.24	2.42	1.91	2.17	---	---	---
21	2.40	1.12	1.79	2.33	0.54	1.47	2.40	1.98	2.15	---	---	1.22
22	2.36	0.87	1.58	2.61	1.31	1.93	2.13	1.87	1.98	2.52	0.25	1.52
23	2.49	0.68	1.49	2.48	0.53	1.47	1.96	0.58	1.22	2.43	0.09	1.44
24	2.52	0.80	1.44	1.88	0.46	1.24	1.86	0.32	1.07	2.34	-0.33	1.31
25	1.74	0.80	1.31	1.88	0.90	1.32	2.33	0.35	1.33	2.73	-0.33	1.39
26	1.68	1.15	1.41	1.86	1.06	1.56	3.30	0.77	2.43	2.70	-0.21	1.45
27	2.30	1.38	1.73	2.36	1.06	1.87	3.01	1.36	2.27	2.67	-0.09	1.49
28	1.76	0.58	1.25	1.58	0.51	1.11	2.85	0.87	1.85	2.47	-0.09	1.35
29	---	---	---	1.94	0.45	1.06	2.86	0.86	1.89	2.26	0.27	1.38
30	---	---	---	2.46	0.47	1.47	7.29	1.09	4.47	2.33	0.60	1.78
31	---	---	---	4.90	0.64	1.88	---	---	---	3.88	0.92	2.37
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.83	3.88	5.36	2.12	0.08	1.28	2.46	0.81	1.70	7.14	4.09	6.13
2	4.50	2.18	3.19	2.00	-0.02	1.15	3.02	1.11	2.28	4.09	2.47	3.29
3	2.79	1.44	2.28	2.11	0.39	1.36	2.68	0.97	1.90	2.87	2.38	2.58
4	2.89	1.28	2.24	2.11	0.15	1.26	3.07	1.03	2.39	2.92	2.37	2.61
5	3.10	1.20	2.33	2.47	0.46	1.48	2.81	1.31	2.24	2.95	2.51	2.71
6	3.11	1.22	2.29	10.58	0.70	7.55	2.43	0.95	1.77	2.84	2.58	2.73
7	3.20	1.29	2.39	10.65	4.38	8.36	2.15	0.86	1.55	2.71	2.32	2.52
8	2.97	1.26	2.17	4.38	2.44	3.16	1.85	0.93	1.36	2.52	2.06	2.27
9	2.92	1.26	2.10	3.59	2.43	3.08	1.60	0.69	1.21	2.53	1.67	2.09
10	3.18	1.09	2.22	4.42	3.11	3.75	1.56	0.70	1.20	2.55	1.37	1.95
11	3.64	1.40	2.56	4.59	3.43	4.30	2.47	0.86	1.89	2.64	1.01	1.86
12	4.71	3.58	4.11	3.43	2.75	3.06	2.63	1.12	1.87	2.56	0.74	1.76
13	4.06	2.28	3.09	2.77	2.15	2.55	2.10	0.76	1.40	2.72	0.63	1.82
14	2.37	1.65	2.08	2.44	1.80	2.17	2.34	0.38	1.43	2.53	0.72	1.84
15	1.95	1.38	1.65	---	---	---	2.47	0.08	1.39	2.58	0.75	1.84
16	1.87	1.16	1.47	3.14	1.75	2.51	2.67	0.04	1.49	2.70	0.85	1.96
17	2.03	0.84	1.59	2.94	1.19	2.18	2.54	-0.08	1.44	2.36	1.22	1.72
18	2.31	0.78	1.63	2.97	0.91	2.07	2.75	0.21	1.70	2.16	1.00	1.71
19	2.55	0.35	1.49	3.09	0.90	2.17	2.63	0.29	1.62	2.13	0.77	1.65
20	2.65	0.22	1.58	3.30	0.90	2.32	2.27	0.50	1.48	2.22	0.71	1.72
21	2.73	0.35	1.69	3.20	0.92	2.23	2.21	0.71	1.53	2.68	0.54	1.61
22	2.85	0.18	1.78	4.91	1.24	3.34	1.97	0.83	1.49	3.96	2.44	2.97
23	2.83	0.14	1.73	3.51	1.34	2.54	2.01	1.01	1.62	5.02	3.53	4.23
24	2.84	0.08	1.70	2.27	0.94	1.61	2.36	1.45	1.84	4.95	3.01	4.06
25	2.67	0.27	1.63	1.94	0.90	1.39	2.33	0.94	1.63	4.31	2.22	3.38
26	2.59	0.34	1.65	1.56	1.05	1.37	2.68	1.00	1.80	3.31	1.11	2.37
27	2.07	0.77	1.48	1.79	0.75	1.29	2.72	1.05	1.91	2.57	1.15	1.97
28	1.82	0.92	1.44	1.85	1.04	1.50	3.82	1.85	3.16	2.75	1.37	2.18
29	2.07	1.06	1.55	2.18	0.51	1.43	13.29	3.82	9.36	2.86	1.53	2.24
30	1.98	0.57	1.33	2.26	0.53	1.42	13.43	10.37	12.58	2.49	1.39	1.87
31	---	---	---	2.46	0.48	1.51	10.37	4.96	6.87	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	31	29	30	37	28	30	30	24	27	26	26	26
2	34	29	30	34	24	30	25	25	25	26	25	26
3	34	29	30	35	25	31	25	24	24	26	25	25
4	33	29	30	37	35	36	24	24	24	26	25	26
5	31	29	30	36	32	34	25	24	24	28	25	26
6	29	26	27	32	29	31	25	24	24	27	25	26
7	28	27	27	30	28	29	25	25	25	26	25	26
8	28	27	27	34	28	31	26	25	25	32	25	27
9	28	26	27	33	30	31	26	23	25	28	25	26
10	29	26	27	31	28	30	27	25	27	27	26	27
11	38	29	33	31	27	30	27	25	26	27	25	26
12	39	38	39	33	30	32	25	24	25	26	25	26
13	38	34	36	31	30	31	24	24	24	27	25	26
14	34	30	32	30	28	29	24	23	24	28	26	26
15	30	28	29	29	27	28	24	24	24	26	26	26
16	32	28	29	28	27	27	24	24	24	29	26	27
17	34	27	29	27	26	26	24	24	24	31	26	28
18	29	27	28	26	26	26	24	24	24	30	26	27
19	28	27	28	26	26	26	24	24	24	27	26	26
20	32	27	28	27	26	26	25	24	24	28	26	26
21	32	28	29	28	27	27	25	24	25	27	26	26
22	31	28	29	29	28	28	26	25	26	28	26	26
23	30	28	29	31	28	29	27	25	26	34	26	31
24	31	28	29	31	26	27	26	25	25	34	27	29
25	32	28	29	30	26	28	26	25	25	31	26	28
26	31	28	29	32	27	28	27	26	27	29	26	27
27	31	29	29	37	32	34	27	26	27	31	26	28
28	31	29	30	32	26	27	27	26	26	27	26	27
29	30	28	29	29	27	27	27	26	27	28	26	27
30	32	28	30	30	27	29	28	26	27	28	27	27
31	34	28	30	---	---	---	28	26	27	27	26	27
		FEBRUARY			MARCH			APRIL			MAY	
1	31	25	28	25	24	25	---	---	---	---	---	---
2	37	28	30	26	25	25	---	---	---	---	---	---
3	29	26	27	27	24	25	---	---	---	---	---	---
4	28	26	27	25	24	24	---	---	---	---	---	---
5	27	25	26	25	24	24	---	---	---	---	---	---
6	26	25	25	25	24	25	---	---	---	---	---	---
7	25	25	25	27	24	25	---	---	---	---	---	---
8	25	25	25	29	24	26	---	---	---	---	---	---
9	26	25	25	27	25	25	---	---	---	---	---	---
10	25	25	25	29	25	26	---	---	---	---	---	---
11	25	25	25	29	25	26	---	---	---	---	---	---
12	25	25	25	30	26	26	---	---	---	---	---	---
13	25	25	25	28	26	26	---	---	---	---	---	---
14	25	25	25	29	26	27	---	---	---	---	---	---
15	25	25	25	30	25	27	---	---	---	---	---	---
16	25	25	25	30	23	26	---	---	---	---	---	---
17	25	25	25	25	23	24	---	---	---	---	---	---
18	26	25	25	24	24	24	---	---	---	---	---	---
19	26	25	26	24	24	24	---	---	---	---	---	---
20	26	25	26	24	24	24	---	---	---	---	---	---
21	26	25	26	26	24	24	---	---	---	---	---	---
22	26	26	26	25	24	24	---	---	---	---	---	---
23	26	25	26	25	24	25	---	---	---	---	---	---
24	26	25	25	26	25	25	---	---	---	---	---	---
25	25	24	24	26	25	26	---	---	---	---	---	---
26	25	24	25	26	26	26	---	---	---	---	---	---
27	25	24	25	26	23	24	---	---	---	---	---	---
28	25	24	24	25	24	24	---	---	---	---	---	---
29	---	---	---	24	24	24	---	---	---	---	---	---
30	---	---	---	24	24	24	---	---	---	---	---	---
31	---	---	---	25	21	24	---	---	---	---	---	---

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	---	---	---	---	---	---	36	31	34	70	64	67
2	---	---	---	---	---	---	37	28	33	66	59	64
3	---	---	---	---	---	---	33	26	30	67	56	63
4	---	---	---	---	---	---	32	22	27	75	67	71
5	---	---	---	---	---	---	31	24	27	85	75	78
6	---	---	---	---	---	---	32	25	29	94	85	88
7	---	---	---	---	---	---	33	28	30	102	86	96
8	---	---	---	---	---	---	34	28	31	117	79	99
9	---	---	---	---	---	---	34	30	32	120	80	98
10	---	---	---	---	---	---	36	31	33	103	81	92
11	---	---	---	---	---	---	36	21	29	94	85	91
12	---	---	---	---	---	---	32	22	28	90	82	86
13	---	---	---	---	---	---	34	29	31	90	76	83
14	---	---	---	---	---	---	36	29	33	97	77	87
15	---	---	---	---	---	---	36	32	34	115	89	101
16	---	---	---	---	---	---	36	30	34	123	98	106
17	---	---	---	---	---	---	38	32	35	118	104	110
18	---	---	---	---	---	---	38	31	34	108	97	104
19	---	---	---	---	---	---	37	30	33	103	89	98
20	---	---	---	---	---	---	39	31	35	94	87	91
21	---	---	---	43	34	37	37	25	30	100	88	92
22	---	---	---	43	19	26	36	30	33	93	87	89
23	---	---	---	34	22	28	35	30	33	87	67	79
24	---	---	---	38	30	33	36	31	33	67	62	65
25	---	---	---	40	32	36	34	29	31	74	67	72
26	---	---	---	38	32	35	34	24	30	84	74	79
27	---	---	---	37	33	35	34	30	32	97	82	91
28	---	---	---	42	33	37	35	30	32	112	94	104
29	---	---	---	36	30	33	53	25	35	122	106	113
30	---	---	---	37	30	33	68	48	57	129	118	124
31	---	---	---	36	29	33	70	64	66	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.4	21.1	23.1	23.0	22.3	22.7	17.3	13.8	15.6	17.3	15.2	16.1
2	25.9	22.4	24.3	24.6	22.8	23.5	13.8	12.4	12.9	17.5	15.5	16.5
3	26.0	22.8	24.8	23.5	22.4	22.9	12.9	10.9	12.0	17.9	15.7	16.6
4	26.1	23.4	25.2	23.2	19.8	21.9	14.4	12.4	13.4	18.1	16.3	17.1
5	26.0	23.4	24.4	19.8	17.4	18.5	15.8	14.1	14.9	19.1	16.2	17.4
6	24.9	21.7	23.4	17.6	14.7	16.3	18.1	15.8	17.0	19.2	18.3	18.7
7	24.5	22.2	23.1	17.7	14.3	16.1	19.8	18.0	18.8	18.9	16.9	17.9
8	23.2	21.8	22.3	18.1	15.2	16.6	18.2	16.6	17.1	18.9	17.0	18.3
9	22.0	21.2	21.5	17.6	14.8	16.2	18.7	17.1	18.0	17.0	15.7	16.3
10	22.0	21.3	21.6	17.9	15.9	16.8	18.4	16.5	17.6	17.9	15.6	16.7
11	23.7	21.9	22.7	19.1	17.9	18.5	16.5	13.4	14.9	18.6	16.0	17.3
12	23.4	21.7	22.5	18.9	17.8	18.3	13.4	11.8	12.7	20.1	18.0	19.0
13	22.6	20.2	21.5	17.8	16.4	17.0	14.6	12.6	13.5	19.7	17.8	19.0
14	21.4	19.5	20.1	17.9	16.3	17.1	13.2	10.3	11.5	17.8	14.0	15.8
15	20.0	16.9	18.7	17.9	16.7	17.2	10.3	8.3	9.4	14.2	12.0	13.2
16	20.6	16.4	18.6	17.5	15.5	16.6	10.7	8.0	9.4	13.3	10.9	12.2
17	21.9	17.9	19.9	17.4	15.2	16.5	11.8	9.7	10.7	11.9	9.3	10.3
18	22.1	19.6	20.9	17.4	15.7	16.6	11.8	9.5	10.7	10.2	7.9	9.0
19	24.6	22.1	23.1	19.7	17.4	18.4	11.3	9.4	10.4	11.3	7.5	9.2
20	25.2	22.8	24.1	18.9	18.3	18.6	10.1	8.3	9.2	14.2	11.3	12.7
21	24.6	22.4	23.3	19.9	18.1	18.9	12.7	8.6	10.3	15.9	12.4	14.0
22	24.4	22.1	23.2	20.5	18.7	19.6	15.5	12.7	14.0	17.2	14.9	15.9
23	24.2	22.4	23.1	21.6	19.5	20.5	15.6	10.4	13.1	16.1	9.7	11.3
24	23.9	22.3	23.0	21.1	19.1	20.5	10.4	8.3	8.9	10.3	7.3	8.9
25	24.6	22.2	23.2	19.1	15.1	17.0	8.3	7.3	7.6	12.5	8.3	10.2
26	24.5	22.0	23.2	15.1	13.1	14.1	8.9	6.6	7.6	15.9	12.4	14.0
27	24.4	21.7	22.8	16.7	14.1	15.3	9.6	6.8	8.2	15.5	13.1	14.3
28	23.5	20.6	22.1	15.8	14.2	14.9	10.4	7.5	8.9	14.2	12.6	13.0
29	23.2	20.2	21.8	15.2	13.2	14.2	12.3	9.3	10.6	15.2	12.3	13.6
30	22.6	20.2	21.7	17.9	15.0	16.4	13.9	11.2	12.4	15.5	13.2	14.3
31	22.6	20.6	21.9	---	---	---	15.7	13.0	14.2	14.5	12.3	13.0

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.8	11.7	12.1	15.3	11.7	13.6	---	---	---	19.4	18.0	18.7
2	13.0	11.8	12.4	14.0	10.6	12.4	---	---	---	19.4	16.9	18.2
3	12.9	11.9	12.4	13.9	12.4	13.1	---	---	---	20.5	16.7	18.5
4	12.6	11.3	11.9	15.7	11.4	13.5	---	---	---	19.7	16.8	18.4
5	12.4	10.2	11.3	17.0	11.8	14.4	---	---	---	21.4	16.6	18.9
6	13.2	10.4	11.9	15.9	13.0	14.5	19.5	18.4	18.7	21.0	17.9	19.5
7	14.8	12.6	13.7	17.8	13.1	15.3	19.1	17.7	18.4	22.1	18.2	20.0
8	16.7	14.6	15.5	18.1	15.0	16.7	18.7	17.6	18.2	22.8	18.5	20.6
9	17.8	16.1	16.9	16.4	13.5	15.1	20.2	16.5	18.2	22.5	18.9	20.7
10	17.3	13.6	15.1	17.1	12.7	14.9	20.6	17.4	19.1	23.1	19.5	21.1
11	13.7	10.8	12.4	16.8	12.8	14.9	20.4	18.8	19.6	25.2	20.8	22.7
12	13.1	10.3	11.9	17.7	11.9	14.8	20.9	19.0	19.8	25.4	21.5	23.3
13	15.4	11.9	13.3	19.6	14.8	17.0	20.6	18.5	19.5	25.2	21.4	23.3
14	16.6	14.7	15.5	19.2	17.6	18.3	19.4	17.7	18.6	24.9	21.2	23.0
15	17.7	14.6	16.0	17.6	15.2	15.9	20.4	16.4	18.4	25.2	22.0	23.5
16	19.6	16.7	18.0	15.8	13.8	15.0	20.9	16.9	19.0	24.8	20.7	22.8
17	18.7	15.6	17.1	13.8	12.3	13.0	20.9	16.9	19.1	25.5	21.0	23.1
18	15.7	13.1	14.5	15.3	11.6	13.2	20.2	17.1	18.9	26.3	21.6	23.8
19	15.0	11.7	13.5	16.5	11.5	13.9	21.0	17.8	19.5	25.9	21.7	23.9
20	16.7	13.9	15.2	15.7	13.7	14.7	20.7	18.0	19.4	---	22.2	---
21	19.1	16.0	17.4	18.5	14.9	16.6	21.6	18.5	20.1	27.9	23.4	25.4
22	20.8	17.5	19.0	21.2	16.5	18.5	23.2	19.3	21.1	26.8	23.3	24.9
23	20.0	18.3	18.7	21.4	17.2	19.5	23.0	20.3	21.5	27.3	23.4	25.1
24	18.4	16.9	17.7	21.0	15.7	18.5	20.6	16.8	18.9	28.9	24.6	26.4
25	17.6	15.0	16.3	23.3	17.7	20.3	19.5	16.7	17.4	27.9	24.9	25.8
26	15.6	12.9	14.0	21.9	19.9	20.4	19.4	16.4	17.7	26.2	21.9	23.6
27	14.5	13.6	14.1	21.1	19.1	20.2	20.7	16.7	18.6	26.1	22.0	23.7
28	16.0	14.0	14.8	20.7	17.2	18.8	22.0	17.1	19.5	26.4	22.6	24.2
29	---	---	---	19.8	14.8	17.3	22.1	19.1	20.6	26.0	21.4	22.9
30	---	---	---	19.5	16.4	18.0	22.0	19.3	20.6	23.0	20.9	21.8
31	---	---	---	21.6	18.3	20.0	---	---	---	22.7	21.7	22.2
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.5	21.6	22.0	28.0	24.0	25.8	27.0	24.5	25.4	26.7	25.2	25.9
2	24.1	21.6	22.7	28.4	24.2	26.1	24.9	23.8	24.3	26.9	25.1	26.0
3	26.5	22.1	24.0	28.5	24.1	26.3	27.1	23.5	25.0	26.7	24.5	25.8
4	27.1	22.7	24.9	29.7	24.8	26.9	26.1	23.8	24.5	26.4	24.1	25.4
5	26.6	23.7	25.0	28.3	25.1	26.0	26.4	23.4	24.7	26.4	24.5	25.6
6	25.5	22.5	23.6	25.1	22.6	23.2	26.6	23.7	25.1	26.0	23.6	25.0
7	24.7	21.6	23.0	24.3	22.5	23.2	28.0	23.4	25.5	26.2	23.7	25.1
8	26.3	22.2	23.9	25.3	23.2	24.1	28.1	23.9	26.0	25.9	23.7	25.0
9	25.8	22.6	24.1	25.9	23.4	24.5	27.3	24.4	26.0	25.8	23.8	25.0
10	24.8	22.7	23.6	24.9	23.3	24.0	28.4	24.2	26.2	26.0	23.8	25.0
11	24.0	22.3	22.9	25.9	23.0	24.2	26.9	24.1	25.4	25.8	23.1	24.6
12	24.0	21.8	22.8	26.5	24.2	25.3	27.2	24.9	25.9	25.7	23.3	24.6
13	26.3	22.9	24.3	27.4	24.3	25.7	28.6	24.7	26.5	25.4	22.8	24.1
14	27.2	23.4	25.2	26.6	24.5	25.2	29.4	24.7	26.9	25.8	22.9	24.3
15	28.1	23.8	26.1	---	23.9	---	28.7	25.4	27.0	26.4	23.5	24.9
16	29.0	24.4	26.7	27.4	24.2	25.6	28.2	24.8	26.4	26.4	23.9	25.1
17	27.7	24.3	25.8	28.4	24.5	26.3	27.9	25.8	26.8	27.0	24.1	25.4
18	26.4	23.6	25.0	27.5	24.3	26.0	29.4	24.6	26.6	27.1	24.9	26.0
19	27.6	22.6	25.0	27.3	24.8	26.0	29.2	25.4	27.2	27.4	24.8	26.3
20	27.3	23.2	25.1	28.0	24.5	26.0	29.5	25.6	27.4	27.7	25.4	26.7
21	26.7	24.0	25.4	27.8	24.9	26.2	29.0	24.8	26.8	27.4	24.8	26.3
22	28.3	23.2	25.3	26.3	24.1	25.4	29.3	25.1	27.2	27.1	25.2	25.9
23	28.0	23.8	25.7	28.1	25.6	26.6	28.4	25.3	27.0	25.9	24.6	25.1
24	27.3	24.2	25.5	29.2	25.2	27.0	28.1	25.4	26.6	26.3	24.5	25.2
25	27.9	22.8	24.8	28.9	25.1	27.1	29.0	24.5	26.6	27.0	25.4	26.1
26	28.0	23.8	25.6	27.7	25.2	26.2	28.8	24.9	26.8	27.9	25.8	26.8
27	27.5	24.1	25.6	27.1	24.4	25.8	29.3	25.0	27.2	27.7	25.6	26.7
28	26.9	23.8	25.3	27.4	24.5	26.1	28.5	26.1	27.1	27.1	24.8	25.8
29	26.8	24.7	25.7	28.2	24.6	26.3	27.8	25.0	25.6	27.1	24.9	25.9
30	26.8	23.6	25.1	27.2	24.3	25.9	26.3	24.8	25.3	26.9	24.7	25.8
31	---	---	---	28.1	23.8	25.7	26.3	25.7	26.0	---	---	---

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 NGVD of 1929. Water-quality monitor since August 2003.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 13.09 ft, Aug. 29, 2005 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -1.81 ft, Jan. 23, 2005, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 42,600 microsiemens, Nov. 18, 2003, but may have been higher during periods of instrument malfunction; minimum recorded, 32 microsiemens, Apr. 6, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.3°C, Aug. 22, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 7.4°C, Dec. 28, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 13.09 ft, Aug. 29 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -1.81 ft, Jan. 23, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 39,300 microsiemens, Oct. 7, but may have been higher during periods of instrument malfunction; minimum recorded, 32 microsiemens, Apr. 6, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.3°C, Aug. 22, but may have been higher during periods of instrument malfunction; minimum recorded, 7.4°C, Dec. 28, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.74	0.03	0.80	2.63	1.07	1.86	1.29	-0.63	0.26	1.26	0.14	0.73
2	1.73	-0.18	0.70	2.62	0.81	1.67	1.30	-0.21	0.41	1.28	0.23	0.76
3	1.64	-0.22	0.69	2.62	0.83	1.65	1.13	-0.26	0.38	0.92	0.26	0.55
4	1.67	0.00	0.81	2.10	-0.07	0.65	1.17	-0.04	0.53	0.93	0.14	0.52
5	1.55	-0.07	0.69	1.12	-0.11	0.48	1.31	0.24	0.75	1.43	-0.06	0.68
6	1.67	0.32	1.02	1.04	-0.13	0.48	1.30	0.63	0.93	1.48	-0.41	0.54
7	2.05	0.92	1.50	0.77	0.18	0.50	1.38	0.56	0.94	1.73	-0.61	0.59
8	2.32	0.97	1.73	0.63	-0.02	0.25	1.47	0.00	0.78	1.45	-0.80	0.41
9	2.22	1.53	1.91	1.39	0.18	0.82	1.98	0.06	0.95	1.44	-1.28	0.12
10	2.65	1.79	2.24	2.67	0.61	1.46	1.20	-0.62	0.25	1.71	-1.16	0.23
11	2.51	1.41	2.04	2.37	0.66	1.60	0.89	-1.51	-0.33	2.12	-0.84	0.53
12	1.73	1.08	1.40	2.13	0.39	1.32	1.63	-1.27	0.06	2.36	-0.26	0.90
13	1.41	0.27	0.92	2.00	-0.19	0.91	1.31	-1.40	-0.20	2.41	0.15	1.28
14	1.38	-0.02	0.80	2.17	-0.09	1.03	0.35	-1.53	-0.59	1.77	-0.51	0.20
15	1.47	-0.19	0.62	2.23	-0.08	1.01	0.96	-1.16	-0.34	0.72	-0.16	0.24
16	1.78	-0.39	0.59	2.12	-0.17	0.92	0.99	-0.63	0.04	0.10	-1.02	-0.33
17	1.88	-0.50	0.67	2.02	-0.13	0.92	0.91	-0.36	0.25	0.22	-1.09	-0.54
18	2.07	-0.02	1.01	1.99	0.40	1.15	0.70	-0.03	0.30	0.77	-1.01	-0.16
19	2.37	0.05	1.10	1.88	0.43	1.15	0.24	-0.80	-0.34	1.17	-0.87	0.10
20	2.03	-0.22	0.91	1.55	0.48	1.11	0.50	-0.99	-0.21	1.33	-0.92	0.21
21	1.72	-0.21	0.82	1.29	0.77	1.05	1.24	-0.56	0.34	1.53	-0.65	0.45
22	1.52	0.23	0.92	1.45	0.63	1.08	2.62	0.06	1.12	1.40	-0.67	0.35
23	1.77	0.57	1.21	1.94	0.55	1.25	1.75	-0.65	0.31	0.71	-1.81	-0.48
24	1.32	0.69	1.09	2.10	0.74	1.47	1.20	-1.29	-0.01	1.09	-1.14	-0.12
25	1.12	0.70	0.93	1.42	-0.59	0.44	1.44	-1.00	0.06	1.33	-1.13	0.05
26	1.67	0.54	1.12	2.22	-0.52	0.75	1.38	-1.16	-0.13	1.21	-0.53	0.37
27	1.67	0.28	1.01	1.89	0.57	1.12	0.77	-1.46	-0.42	1.12	-1.07	0.09
28	1.88	0.06	0.93	1.92	-0.38	0.74	1.17	-1.23	-0.17	2.00	0.14	1.01
29	2.15	0.18	1.00	2.12	-0.20	0.81	1.27	-0.72	0.20	2.07	0.42	1.04
30	2.15	0.32	1.16	2.08	0.56	1.10	1.49	-0.54	0.39	1.24	0.44	0.79
31	2.40	0.47	1.28	---	---	---	1.51	-0.19	0.59	1.18	0.32	0.85

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.52	0.29	1.02	0.48	-1.10	-0.28	2.61	0.24	1.57	1.84	-0.54	0.71
2	1.85	0.26	1.38	1.05	-1.15	0.01	1.11	-0.15	0.42	1.44	-0.02	0.74
3	1.30	---	---	1.64	-0.79	0.37	0.96	-0.35	0.33	1.20	-0.01	0.60
4	1.47	-0.76	0.31	1.55	-0.68	0.44	1.23	-0.26	0.51	0.95	0.15	0.54
5	1.70	-0.60	0.60	1.11	-0.99	0.10	1.86	0.39	0.97	0.86	0.32	0.53
6	2.55	-0.35	1.00	1.41	-1.29	0.18	---	---	---	1.41	0.10	0.75
7	2.40	0.15	1.10	1.76	-0.89	0.50	---	---	---	1.15	-0.32	0.49
8	2.43	0.44	1.35	1.41	-1.32	0.06	---	---	---	1.62	-0.25	0.69
9	2.13	0.47	1.24	0.95	-0.62	0.24	---	---	---	1.88	-0.32	0.75
10	1.76	0.00	0.54	1.06	-1.13	-0.14	---	---	---	1.99	-0.24	0.90
11	0.86	0.25	0.47	1.06	-0.65	-0.05	---	---	---	1.69	-0.35	0.63
12	0.66	0.21	0.47	0.56	-0.30	0.09	---	---	---	1.53	-0.39	0.61
13	1.59	0.58	1.16	0.94	-0.25	0.26	---	---	---	1.65	-0.41	0.74
14	1.39	0.62	1.01	0.73	-1.03	0.04	---	---	---	1.70	0.08	0.93
15	1.56	0.44	0.99	1.45	-1.01	0.46	---	---	---	1.61	0.15	0.87
16	1.66	0.14	0.91	1.41	-0.45	0.46	1.56	-0.04	0.71	1.59	-0.10	0.76
17	1.61	0.03	0.73	1.00	-0.88	0.04	1.33	-0.09	0.62	1.15	0.08	0.66
18	1.62	-0.23	0.66	0.95	-0.84	0.15	1.26	0.02	0.63	0.95	0.32	0.68
19	1.49	-0.13	0.67	0.98	-0.70	0.22	1.31	0.31	0.85	0.95	0.49	0.68
20	1.61	-0.04	0.73	1.32	-0.65	0.41	1.47	0.55	1.02	1.08	0.42	0.79
21	1.60	0.02	0.78	1.53	-0.27	0.67	1.23	0.78	1.05	1.15	-0.18	0.57
22	1.28	-0.13	0.60	1.73	0.53	1.10	1.22	0.86	1.06	1.77	-0.27	0.76
23	1.72	-0.19	0.66	1.21	-0.20	0.58	1.06	-0.32	0.27	1.62	-0.49	0.66
24	1.35	-0.01	0.49	1.14	-0.23	0.52	1.12	-0.50	0.28	1.56	-0.95	0.52
25	0.91	-0.24	0.35	1.08	0.24	0.57	1.53	-0.39	0.52	2.00	-0.83	0.61
26	0.92	0.20	0.53	1.19	0.42	0.85	2.17	-0.32	0.98	1.96	-0.75	0.69
27	1.43	0.51	0.86	1.52	-0.54	0.83	1.96	-0.49	0.79	1.84	-0.57	0.74
28	0.97	-0.40	0.29	0.61	-0.73	-0.08	1.97	-0.68	0.72	1.64	-0.53	0.68
29	---	---	---	1.10	-0.73	0.14	2.04	-0.14	0.99	1.60	-0.22	0.73
30	---	---	---	1.60	-0.39	0.63	1.89	0.20	1.10	1.61	0.18	1.14
31	---	---	---	1.60	-0.25	0.78	---	---	---	1.56	0.44	1.18

		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.35	0.72	1.04	1.58	-0.39	0.73	1.64	-0.52	0.67	---	---	---
2	1.66	0.55	1.11	1.50	-0.49	0.61	1.66	-0.46	0.68	---	---	---
3	1.88	0.38	1.19	1.51	-0.39	0.61	1.70	-0.37	0.75	---	---	---
4	2.12	0.43	1.31	1.48	-0.44	0.59	1.71	-0.31	0.75	---	---	---
5	2.33	0.40	1.41	1.94	0.13	0.93	1.69	-0.07	0.82	---	---	---
6	2.31	0.11	1.26	5.05	-0.11	1.71	1.54	0.00	0.75	---	---	---
7	2.18	-0.09	1.02	1.85	-0.09	0.86	1.34	0.04	0.69	---	---	---
8	2.03	-0.10	0.99	1.81	-0.03	0.85	1.06	0.20	0.59	---	---	---
9	2.12	-0.02	1.04	2.01	0.05	1.04	0.81	0.08	0.50	---	---	---
10	2.46	0.06	1.33	2.71	0.50	2.08	0.74	-0.01	0.48	---	---	---
11	2.38	0.67	1.68	2.66	0.87	1.99	0.91	0.09	0.45	---	---	---
12	2.12	0.61	1.51	1.91	0.91	1.50	1.13	-0.09	0.47	---	---	---
13	2.01	0.61	1.33	1.51	0.79	1.18	1.21	-0.20	0.52	---	---	---
14	1.57	0.68	1.21	1.40	0.53	1.01	1.49	-0.49	0.59	---	---	---
15	1.24	0.64	0.96	1.68	---	---	1.64	-0.66	0.54	---	---	---
16	1.23	0.34	0.82	2.01	0.45	1.21	1.83	-0.60	0.64	---	---	---
17	1.49	0.06	0.90	2.02	0.11	1.09	1.67	-0.68	0.64	---	---	---
18	1.68	0.17	0.95	2.19	-0.06	1.06	1.89	-0.44	0.84	---	---	---
19	1.89	-0.27	0.76	2.29	0.02	1.19	1.82	-0.10	0.86	---	---	---
20	1.96	-0.30	0.86	2.61	-0.03	1.32	1.54	-0.17	0.78	---	---	---
21	2.04	-0.25	0.94	2.47	-0.28	1.22	1.46	0.08	0.77	---	---	---
22	2.17	-0.33	1.04	2.30	-0.24	1.15	1.25	0.40	0.81	---	---	---
23	2.16	-0.32	1.02	1.68	-0.25	0.71	1.28	0.45	0.91	---	---	---
24	2.16	-0.33	1.02	1.44	-0.28	0.58	1.40	0.40	0.88	---	---	---
25	2.05	-0.12	1.02	1.13	0.01	0.62	1.50	0.23	0.82	---	---	---
26	2.02	0.00	1.11	0.91	0.45	0.70	1.75	0.22	0.90	---	---	---
27	1.53	0.48	1.01	1.06	0.15	0.60	1.94	0.34	1.14	---	---	---
28	1.35	0.66	1.06	1.10	-0.17	0.51	3.48	1.47	2.56	---	---	---
29	1.66	0.68	1.10	1.31	-0.52	0.51	---	---	---	2.05	0.96	1.47
30	1.53	0.14	0.85	1.43	-0.49	0.51	---	---	---	1.69	0.78	1.19
31	---	---	---	1.66	-0.33	0.65	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	36500	19300	26000	33600	8680	20500	520	90	201	6270	2010	3090
2	37800	19500	25200	35300	7520	19100	1450	150	452	4780	2230	3330
3	32600	19500	23700	22600	1740	9470	590	130	299	3240	1570	2650
4	34200	19800	24600	9040	1610	3770	650	170	364	3210	1570	2350
5	27500	17000	21000	4590	1700	3010	1150	150	512	15200	2260	4910
6	36300	18800	25500	3790	1660	2700	850	130	360	11300	4660	7000
7	39300	19300	28900	2570	1190	1820	790	130	340	20700	2180	8350
8	38100	22200	31800	2490	1260	1990	1370	180	394	12300	904	5180
9	35400	22800	30100	12800	1770	3190	2520	150	937	26100	671	6610
10	35600	24900	29600	26300	3180	9770	920	90	192	20700	690	5800
11	30600	15000	23200	23100	2170	8900	610	100	204	23500	216	4610
12	19600	11800	14900	23800	720	5130	870	90	358	22500	221	5220
13	14200	10200	11600	25800	860	5000	750	70	220	24200	359	6270
14	25600	7140	11800	26500	1400	7050	710	60	181	4450	361	1280
15	34500	7560	13000	24700	750	6780	590	60	183	2340	1110	1560
16	33000	9360	14300	29500	520	7960	620	60	197	1880	1120	1490
17	28900	8470	13900	27300	680	7700	550	130	253	2140	1040	1400
18	33600	9480	17400	28800	2080	9570	360	110	202	1940	592	1130
19	35800	8310	18400	30500	4050	12300	220	70	125	1940	276	955
20	27000	6210	14600	11900	4510	7070	150	70	106	1730	175	538
21	18800	5820	10700	8470	3780	5710	1570	120	571	1540	116	585
22	26800	7980	13900	19000	3580	7900	34300	580	8640	2190	191	916
23	37800	10500	20700	17900	5070	10700	30300	997	5610	1710	615	1160
24	22900	11900	16300	16100	7590	11900	4600	1850	3040	6150	705	2560
25	28400	12900	20800	11800	2800	4450	8620	1710	3510	15900	1880	5210
26	31100	6750	18000	24100	1040	5170	8880	831	2990	14800	1730	5120
27	32500	12300	18900	14500	970	4040	3310	210	1120	8660	1760	3200
28	31600	14900	19000	2950	410	1010	3150	271	948	31600	4590	13300
29	31900	15100	19100	3830	260	1030	4270	342	1860	38100	9720	16900
30	28500	11100	18000	3560	170	1040	4970	895	2590	16400	7130	9270
31	27300	7470	16700	---	---	---	8430	1180	3460	16800	6870	10000
		FEBRUARY			MARCH			APRIL			MAY	
1	13200	6920	8230	2360	1480	1830	1010	64	192	2750	80	726
2	8210	4800	6730	3570	1380	2250	68	50	56	1740	144	581
3	8260	1960	3580	9540	1340	3820	64	48	54	1030	66	304
4	2800	746	1320	10400	1020	3750	52	43	47	447	82	230
5	2960	260	781	4200	581	1970	47	40	43	211	60	119
6	3770	136	720	12600	344	2800	---	---	---	904	69	321
7	3200	93	525	15000	1210	5610	---	---	---	305	92	165
8	539	70	133	8980	414	2330	---	---	---	661	86	246
9	461	62	111	3330	665	1630	---	---	---	2440	154	801
10	337	60	87	5740	862	2920	---	---	---	6270	198	1810
11	60	57	58	9100	2030	3920	---	---	---	3440	204	1250
12	62	57	59	4340	1420	2240	---	---	---	4700	344	1800
13	163	58	75	4320	1120	2170	---	---	---	10800	563	4040
14	93	58	61	3350	1300	2180	---	---	---	13000	791	4410
15	205	59	84	11600	2260	5260	---	---	---	8000	1140	3570
16	250	62	92	8120	2480	4740	---	---	---	16100	1550	4700
17	513	62	126	4730	1300	2660	---	---	---	9650	3040	4530
18	374	63	110	5820	1470	3170	---	---	---	4420	2580	3580
19	374	64	100	4510	928	2110	---	---	---	3610	2630	3020
20	320	65	111	4110	1430	2500	61	53	55	---	---	---
21	410	68	145	7710	1240	3140	66	56	58	5630	3270	---
22	384	76	157	9910	2460	4610	75	62	66	20200	4840	11600
23	874	101	294	6150	521	2380	112	67	76	19000	6230	12500
24	1200	323	522	1310	313	667	538	102	317	21000	4130	10800
25	1840	750	1260	1360	352	843	4010	167	1160	24600	3670	11900
26	2200	1380	1840	1420	393	815	8040	165	2630	23200	3750	12000
27	8450	2020	4390	1070	232	546	17800	278	3610	25500	3860	12900
28	5080	2190	3360	478	188	278	10700	226	2730	22300	3620	11100
29	---	---	---	540	181	295	6590	156	2010	12600	3830	7430
30	---	---	---	1630	128	435	1560	90	575	12900	4430	8630
31	---	---	---	894	127	450	---	---	---	8380	3640	5370

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	4270	1260	2670	12200	5340	7790	13500	1440	6500	---	---	---
2	3320	1250	1990	12800	4900	7910	16300	1110	5840	---	---	---
3	4850	427	2580	18000	4540	9240	13500	1200	5350	---	---	---
4	5090	195	2340	15600	4570	9360	9330	807	3960	---	---	---
5	5520	160	2220	24500	5610	12000	6910	807	2700	---	---	---
6	4200	129	1270	33800	2850	16300	4900	1010	2560	---	---	---
7	2660	166	829	3650	855	2220	4790	1050	2190	---	---	---
8	2860	205	1040	1660	230	939	4700	1360	2300	---	---	---
9	15300	279	3360	2670	240	916	3240	1720	2370	---	---	---
10	16900	422	5970	15500	237	5730	4830	2110	3020	---	---	---
11	20300	1250	7990	4800	197	1760	8320	2200	4110	---	---	---
12	12300	3180	6560	483	172	282	8320	3380	4820	---	---	---
13	4600	484	2050	390	102	152	8380	3610	6110	---	---	---
14	1110	186	464	315	87	150	15500	4100	8430	---	---	---
15	1060	144	395	---	---	---	15100	2330	8350	---	---	---
16	1040	167	418	793	95	269	24500	2480	9890	---	---	---
17	2720	358	797	728	95	304	18200	2220	9380	---	---	---
18	2310	296	971	1180	91	350	28000	2890	12800	---	---	---
19	3580	279	1370	8500	86	978	20500	2960	10700	---	---	---
20	15700	435	3450	13000	92	2430	11600	3460	6690	---	---	---
21	19600	372	4860	6990	84	1120	14900	2600	6520	---	---	---
22	22800	387	7100	11100	84	1320	14400	4880	8110	---	---	---
23	22800	404	7560	479	82	258	17400	6860	10300	---	---	---
24	26000	522	9520	1220	189	467	18400	8120	10900	---	---	---
25	23300	757	7700	2290	319	855	19000	7660	11000	---	---	---
26	20700	1710	7710	1280	354	743	17500	6660	10600	---	---	---
27	10700	3110	5620	1420	357	924	24600	8540	13200	---	---	---
28	6140	2870	4350	1960	687	1270	33900	12100	28400	---	---	---
29	9290	3110	5140	6960	1250	3200	---	---	---	31900	10700	19000
30	7840	4500	6360	15700	1920	5490	---	---	---	21700	9070	12600
31	---	---	---	13400	1820	5760	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.4	26.0	26.8	26.3	25.4	25.8	16.3	15.4	15.8	12.1	10.3	11.0
2	29.6	26.4	27.4	26.8	25.3	25.8	15.4	14.1	14.6	13.3	11.1	12.0
3	29.5	26.8	28.0	26.8	25.2	25.7	14.1	13.4	13.6	13.8	11.9	12.8
4	29.6	27.2	28.1	25.7	22.9	24.5	13.5	13.1	13.2	14.7	12.9	13.7
5	29.0	26.6	27.6	23.3	21.7	22.5	13.6	13.1	13.3	17.4	14.0	15.3
6	27.5	26.4	26.9	21.9	21.0	21.5	14.4	13.5	13.9	17.9	15.3	16.2
7	26.8	25.0	26.3	21.2	20.2	20.7	16.6	14.3	15.1	17.8	15.6	16.5
8	25.5	24.3	25.0	20.2	19.3	19.8	16.0	15.3	15.7	17.4	16.7	17.0
9	25.0	23.8	24.2	20.2	18.6	19.2	17.1	15.8	16.3	17.1	16.5	16.8
10	24.1	23.1	23.5	20.0	18.7	19.2	16.8	16.3	16.5	18.2	16.6	17.1
11	25.2	23.5	24.2	21.0	18.9	19.7	16.3	15.7	15.9	19.4	16.6	17.5
12	25.6	24.8	25.1	20.0	18.5	19.1	15.8	15.1	15.4	19.2	17.0	17.8
13	25.3	24.0	24.5	18.8	17.6	18.1	15.4	14.5	14.8	19.1	17.3	18.0
14	24.5	23.0	23.7	19.1	17.6	18.1	14.5	12.9	13.9	17.4	15.8	16.5
15	23.2	21.8	22.5	18.6	17.2	17.6	13.0	11.8	12.3	15.8	15.2	15.5
16	24.7	21.6	22.5	18.5	17.1	17.6	11.8	11.1	11.4	15.2	14.0	14.7
17	25.8	22.0	23.3	18.4	17.3	17.6	11.1	10.8	11.0	14.0	12.6	13.2
18	25.1	22.6	23.8	18.3	17.4	17.7	10.9	10.6	10.8	12.6	11.6	12.0
19	25.7	23.5	24.4	18.8	18.0	18.3	10.7	10.3	10.6	11.8	10.8	11.1
20	26.3	24.3	25.3	18.9	18.3	18.5	10.3	9.9	10.1	12.4	10.5	11.1
21	26.8	24.5	25.5	19.6	18.4	18.8	10.8	9.6	10.2	13.6	10.7	11.4
22	26.7	24.8	25.7	20.1	18.7	19.3	14.4	10.5	11.8	13.2	11.3	11.9
23	25.8	24.8	25.3	22.7	19.3	20.7	14.2	10.4	11.5	11.8	10.3	10.7
24	25.5	24.7	25.0	21.9	19.8	20.5	10.5	8.6	9.6	11.6	10.3	10.9
25	25.6	25.1	25.2	19.8	17.7	18.4	9.3	8.1	8.8	13.3	10.2	11.4
26	26.7	25.2	25.9	18.3	17.5	17.9	8.7	8.0	8.4	14.1	11.0	12.2
27	26.9	25.4	26.0	17.9	17.2	17.6	8.9	7.8	8.2	13.3	11.2	11.8
28	27.4	25.0	25.9	17.4	16.2	16.7	9.8	7.4	8.1	12.7	11.5	11.9
29	27.2	25.1	26.1	16.6	15.7	16.1	10.7	7.8	8.4	12.8	11.9	12.4
30	27.2	25.1	26.2	17.3	15.8	16.3	10.9	8.4	9.1	13.1	11.9	12.4
31	27.0	25.2	26.1	---	---	---	11.5	9.3	10.1	12.6	12.0	12.3

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.4	12.0	12.2	15.4	14.7	15.0	19.9	18.8	19.3	21.5	20.2	20.8
2	12.8	12.0	12.3	15.0	13.8	14.4	18.8	17.8	18.2	21.1	20.1	20.6
3	12.3	11.3	11.9	14.4	13.7	14.0	18.4	17.8	18.1	20.7	19.7	20.2
4	11.6	10.8	11.1	16.9	13.4	14.3	18.4	17.8	18.1	19.9	19.3	19.6
5	11.7	10.4	10.9	16.1	13.6	14.4	19.3	18.0	18.5	19.6	18.8	19.2
6	13.0	10.8	11.5	16.1	14.0	14.7	---	---	---	20.2	19.2	19.7
7	12.2	11.4	11.8	18.4	14.2	15.8	---	---	---	20.7	19.9	20.3
8	13.0	11.9	12.4	16.7	14.6	15.1	---	---	---	22.3	20.6	21.2
9	13.7	12.5	13.0	15.5	14.4	14.8	---	---	---	23.0	20.7	21.9
10	13.0	12.3	12.6	16.9	14.4	15.0	---	---	---	24.5	22.3	23.1
11	12.3	11.6	11.9	15.8	14.7	15.1	---	---	---	25.5	23.6	24.3
12	12.1	11.8	11.9	16.2	14.7	15.3	---	---	---	26.1	24.1	24.9
13	13.2	12.1	12.6	17.3	15.2	16.2	---	---	---	26.7	24.5	25.3
14	14.2	13.2	13.7	16.9	16.0	16.4	---	---	---	27.0	24.9	25.8
15	15.0	14.1	14.4	16.2	15.7	16.0	---	---	---	26.5	25.6	26.0
16	15.8	14.7	15.2	16.5	15.9	16.1	20.4	19.5	19.9	28.0	25.3	26.1
17	15.6	14.7	15.3	15.9	15.2	15.4	20.7	19.7	20.1	27.1	25.5	26.2
18	15.0	13.9	14.3	16.0	14.7	15.2	20.5	19.7	20.0	27.6	26.0	26.7
19	14.1	13.6	13.9	16.1	14.6	15.2	20.5	19.8	20.1	28.1	26.2	27.1
20	14.7	13.8	14.2	15.6	14.6	15.0	20.8	19.8	20.2	28.7	26.7	27.5
21	16.2	14.4	15.0	16.5	14.4	15.3	21.3	20.1	20.6	29.4	27.2	28.1
22	16.6	15.3	15.9	18.5	15.2	16.3	22.5	20.7	21.3	29.4	27.0	28.2
23	16.9	16.1	16.5	18.2	16.0	16.6	22.1	21.3	21.5	29.1	26.8	28.1
24	17.0	16.5	16.6	18.0	16.5	17.2	21.6	20.5	21.2	29.8	27.5	28.7
25	17.0	16.0	16.5	18.8	17.3	18.0	21.4	18.9	20.7	29.6	26.9	28.7
26	16.6	15.9	16.1	19.0	18.4	18.7	21.4	19.4	20.6	29.3	25.4	27.8
27	15.9	15.5	15.7	20.2	18.9	19.3	21.9	19.8	21.1	29.0	26.5	28.1
28	15.6	15.1	15.4	19.4	18.8	19.1	23.4	21.0	21.8	29.1	27.2	28.3
29	---	---	---	20.2	18.7	19.2	23.4	21.3	22.1	28.6	26.6	27.6
30	---	---	---	19.9	19.0	19.3	22.4	21.1	21.9	27.6	25.3	26.4
31	---	---	---	20.0	19.3	19.5	---	---	---	27.4	25.9	26.7
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.7	26.2	26.4	30.4	29.0	29.7	30.5	29.4	30.0	---	---	---
2	27.2	25.7	26.2	30.8	28.7	29.8	30.2	28.2	29.4	---	---	---
3	27.8	26.2	26.8	30.4	28.4	29.6	29.6	27.6	28.9	---	---	---
4	27.7	26.4	26.9	31.1	28.8	30.0	29.3	27.6	28.7	---	---	---
5	27.9	26.7	27.2	30.7	28.6	29.5	28.7	27.3	28.2	---	---	---
6	28.0	26.1	27.1	29.8	27.0	27.7	28.9	27.8	28.3	---	---	---
7	27.2	25.7	26.5	27.6	26.5	27.0	29.3	27.6	28.4	---	---	---
8	28.6	26.9	27.4	28.8	26.4	27.0	29.6	28.1	28.8	---	---	---
9	30.1	27.2	28.3	28.0	26.2	26.8	29.6	28.5	29.0	---	---	---
10	29.3	27.5	28.4	26.7	25.4	26.0	30.4	28.6	29.3	---	---	---
11	28.0	26.4	27.1	26.4	25.0	25.7	30.3	28.6	29.4	---	---	---
12	28.6	26.0	26.9	28.0	26.2	26.7	30.6	29.1	29.8	---	---	---
13	29.9	27.3	28.0	27.8	26.8	27.3	32.0	29.7	30.4	---	---	---
14	29.1	27.4	27.9	27.7	27.1	27.4	31.4	30.5	30.9	---	---	---
15	29.1	27.2	27.7	---	27.2	---	31.6	30.6	31.1	---	---	---
16	28.6	27.1	27.8	28.5	27.5	28.0	31.1	29.5	30.7	---	---	---
17	29.0	27.9	28.3	29.5	27.9	28.7	31.9	29.7	30.7	---	---	---
18	28.0	27.3	27.8	29.7	28.3	29.0	31.8	29.6	31.0	---	---	---
19	28.6	26.8	27.8	29.7	28.2	28.9	32.2	29.7	31.1	---	---	---
20	29.0	26.5	28.1	30.2	28.3	29.3	33.0	30.5	31.8	---	---	---
21	29.5	27.1	28.6	31.1	28.9	29.8	32.9	31.3	32.0	---	---	---
22	30.0	27.4	28.9	30.8	28.5	29.7	33.3	30.9	31.7	---	---	---
23	30.7	27.8	29.3	30.7	29.6	30.0	31.9	30.4	31.3	---	---	---
24	31.1	28.2	29.7	31.6	29.4	30.0	32.0	30.6	31.3	---	---	---
25	31.0	28.8	29.7	31.8	29.8	30.4	31.7	30.2	31.1	---	---	---
26	30.5	28.6	29.5	31.5	30.3	30.8	31.5	30.2	30.9	---	---	---
27	30.9	29.2	29.8	31.5	30.4	30.9	31.3	29.9	30.8	---	---	---
28	30.2	29.2	29.6	31.6	30.3	30.9	31.0	29.8	30.5	---	---	---
29	30.1	28.7	29.4	31.2	29.6	30.4	---	---	---	29.7	28.3	29.0
30	29.9	28.5	29.3	30.9	29.4	30.2	---	---	---	29.6	28.0	28.9
31	---	---	---	30.6	28.5	29.9	---	---	---	---	---	---

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 NAVD of 1988. Water-quality monitor since July 2003.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 7.77 ft, Aug. 29, 2005 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -1.87 ft, Jan. 23, 2005, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 41,200 microsiemens, Jan. 28, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 467 microsiemens, Apr.7, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 35.1°C, Aug. 14, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 3.3°C, Dec. 26, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 7.77 ft, Aug. 29, but may have been higher during periods of instrument malfunction; minimum recorded, -1.87 ft, Jan. 23, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 41,200 microsiemens, Jan. 28, but may have been higher during periods of instrument malfunction; minimum recorded, 467 microsiemens, Apr. 7, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 35.1°C, Aug. 14, but may have been higher during periods of instrument malfunction; minimum recorded, 3.3°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.99	0.06	0.91	3.17	0.90	1.93	1.46	-1.06	0.15	1.45	0.14	0.79
2	1.99	-0.17	0.81	3.15	0.81	1.89	1.48	-0.22	0.48	1.41	0.26	0.83
3	1.86	-0.21	0.79	3.06	0.75	1.81	1.27	-0.34	0.45	1.06	0.31	0.62
4	1.90	0.07	0.92	2.23	-0.05	0.68	1.30	-0.04	0.58	1.02	0.20	0.59
5	1.63	0.06	0.77	1.30	-0.03	0.60	1.44	0.26	0.81	---	0.00	---
6	1.92	0.40	1.16	1.21	-0.04	0.62	1.47	0.66	1.02	---	---	---
7	2.60	1.10	1.74	0.87	0.30	0.59	1.59	0.63	1.02	---	---	---
8	2.81	1.12	2.07	0.77	0.02	0.35	1.65	-0.05	0.88	1.75	-0.88	0.49
9	2.60	1.78	2.25	1.55	0.23	0.90	2.19	0.09	1.04	1.82	-1.35	0.22
10	3.22	1.97	2.65	2.86	0.70	1.65	1.30	-0.95	0.16	1.97	-1.26	0.27
11	2.68	1.32	2.09	2.54	0.52	1.69	1.14	---	---	2.47	-1.01	0.55
12	1.83	0.93	1.41	2.32	0.07	1.37	1.76	---	---	2.82	-0.42	0.93
13	1.46	0.11	0.89	2.25	-0.35	1.01	1.49	---	---	2.80	-0.10	1.35
14	1.42	-0.07	0.82	2.57	-0.10	1.20	0.52	---	---	2.06	-0.77	0.16
15	1.81	-0.28	0.68	2.61	-0.05	1.19	1.05	-1.47	-0.35	0.93	-0.17	0.35
16	1.98	-0.52	0.66	2.57	-0.24	1.04	1.08	-0.77	0.01	0.20	-1.13	-0.28
17	2.33	-0.63	0.72	2.40	-0.14	1.05	0.97	-0.53	0.23	0.35	-1.22	-0.49
18	2.50	-0.06	1.12	2.38	0.41	1.28	0.70	-0.12	0.28	0.81	-1.06	-0.12
19	2.74	-0.13	1.17	2.23	0.44	1.27	0.23	-1.01	-0.48	1.22	-0.95	0.09
20	2.29	-0.36	0.94	1.68	0.50	1.21	0.54	-1.08	-0.19	1.41	-1.15	0.15
21	1.87	-0.29	0.86	1.44	0.75	1.09	1.34	-0.61	0.35	1.62	-0.88	0.39
22	1.70	0.09	1.00	1.65	0.63	1.16	3.46	0.09	1.17	1.43	-0.87	0.27
23	2.06	0.50	1.35	2.23	0.50	1.40	1.71	-1.12	-0.01	0.78	-1.87	-0.62
24	1.40	0.59	1.06	2.44	0.57	1.57	1.38	-1.28	0.07	1.23	-1.14	-0.06
25	1.21	0.56	0.94	1.62	-0.76	0.42	1.62	-1.01	0.13	1.50	-1.26	0.05
26	1.59	0.42	1.08	2.48	-0.62	0.82	1.18	-1.29	-0.15	1.35	-0.64	0.38
27	1.94	0.15	1.08	2.10	0.36	1.09	0.85	-1.59	-0.40	1.24	-1.17	0.12
28	2.03	-0.07	0.99	1.98	-0.57	0.71	1.30	-1.33	-0.11	2.49	0.10	1.26
29	2.41	-0.01	1.09	2.23	-0.44	0.80	1.40	-0.73	0.26	2.51	0.27	1.13
30	2.63	0.08	1.26	2.22	0.38	1.07	1.70	-0.54	0.44	1.33	0.37	0.83
31	3.13	0.23	1.49	---	---	---	1.68	-0.20	0.64	1.37	0.38	0.94

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.73	0.38	1.14	0.71	-1.22	-0.22	2.90	-0.29	1.62	2.02	-0.87	0.76
2	1.85	0.08	1.45	1.18	-1.60	0.09	1.15	-0.92	0.07	1.56	-0.19	0.82
3	1.54	---	---	1.91	-0.61	0.51	1.00	-1.22	0.04	1.18	-0.20	0.61
4	1.51	-0.78	0.39	1.71	-0.58	0.52	1.22	-1.20	0.19	1.10	0.17	0.52
5	1.78	-0.80	0.61	1.24	-1.02	0.11	1.77	-0.20	0.67	0.90	0.19	0.47
6	2.72	-0.58	0.97	1.61	-1.44	0.18	---	0.56	---	1.51	0.00	0.78
7	2.50	-0.40	0.95	1.90	-0.91	0.55	1.90	0.31	1.05	1.27	-0.36	0.55
8	2.58	0.01	1.28	1.44	-1.65	-0.02	1.25	-0.19	0.56	1.78	-0.25	0.76
9	2.21	0.04	1.14	1.06	-0.63	0.31	1.38	-0.33	0.68	2.07	-0.30	0.82
10	1.85	-0.44	0.27	1.24	-1.31	-0.12	1.82	0.19	1.05	2.26	-0.19	1.02
11	0.76	0.02	0.36	1.21	-0.72	-0.02	2.69	0.62	1.56	1.96	-0.32	0.76
12	0.68	-0.09	0.38	0.57	-0.32	0.10	2.43	0.09	1.45	1.81	-0.33	0.76
13	1.66	0.57	1.15	1.04	-0.28	0.29	2.45	-0.71	0.81	1.99	-0.34	0.91
14	1.30	0.45	0.89	0.70	-1.10	0.07	1.93	-1.00	0.48	1.98	0.13	1.09
15	1.74	0.27	0.99	1.74	-1.08	0.54	1.56	-0.62	0.51	1.82	0.09	0.97
16	1.86	-0.13	0.91	1.57	-0.46	0.48	1.39	-0.64	0.44	1.83	-0.03	0.91
17	1.70	-0.30	0.63	1.00	-0.90	0.06	1.26	-0.58	0.40	1.34	0.16	0.80
18	1.65	-0.51	0.60	1.03	-0.79	0.20	1.13	-0.46	0.43	1.15	0.42	0.79
19	1.61	-0.40	0.62	1.03	-0.67	0.28	1.27	0.04	0.73	1.03	0.59	0.78
20	1.70	-0.23	0.71	1.32	-0.70	0.42	1.46	0.26	0.94	1.16	0.44	0.84
21	1.76	-0.24	0.77	1.64	-0.33	0.68	1.30	0.57	1.03	1.18	-0.13	0.62
22	1.42	-0.33	0.60	1.89	0.43	1.13	1.22	0.80	1.01	2.11	-0.21	0.92
23	1.92	-0.37	0.71	1.31	-0.48	0.50	0.93	-0.52	0.14	1.87	-0.46	0.78
24	1.38	-0.12	0.54	1.17	-0.35	0.52	1.31	-0.71	0.26	1.73	-1.03	0.58
25	1.25	-0.24	0.49	1.10	0.12	0.53	1.69	-0.49	0.57	2.55	-0.89	0.70
26	1.10	0.38	0.68	---	---	---	2.24	-0.47	0.94	2.38	-0.79	0.78
27	1.67	0.58	0.99	---	---	---	2.17	-0.70	0.80	2.20	-0.63	0.83
28	1.14	-0.38	0.35	0.53	---	---	2.27	-0.86	0.76	1.94	-0.57	0.73
29	---	---	---	1.17	-0.96	0.06	2.25	-0.10	1.05	1.77	-0.19	0.77
30	---	---	---	1.63	-0.47	0.54	1.94	0.13	1.09	1.85	-0.02	1.26
31	---	---	---	1.58	-0.32	0.68	---	---	---	1.73	0.39	1.22

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.34	0.79	1.08	1.61	-0.50	0.65	1.92	-0.37	0.85	---	---	---
2	1.71	0.60	1.17	1.54	-0.65	0.53	1.97	-0.32	0.86	---	---	---
3	2.02	0.37	1.27	1.51	-0.57	0.52	2.00	-0.14	0.95	---	---	---
4	2.22	0.36	1.39	1.52	-0.67	0.51	2.04	---	---	---	---	---
5	2.42	0.28	1.47	2.23	-0.06	0.88	---	---	---	---	---	---
6	2.52	-0.31	1.29	---	---	---	1.85	0.08	0.97	---	---	---
7	2.37	-0.26	1.04	2.03	---	---	1.59	0.22	0.91	---	---	---
8	2.17	-0.24	1.00	2.13	-0.13	0.95	1.40	0.38	0.83	---	---	---
9	2.31	-0.11	1.09	2.14	0.01	1.15	1.06	0.34	0.72	---	---	---
10	2.79	0.09	1.45	2.94	0.50	2.11	1.04	0.30	0.71	---	---	---
11	2.65	0.61	1.73	2.63	0.73	1.95	1.25	0.33	0.69	---	---	---
12	2.28	0.52	1.54	2.13	0.79	1.65	1.43	0.16	0.71	---	---	---
13	2.01	0.52	1.35	1.67	0.86	1.28	1.54	0.05	0.76	---	---	---
14	1.63	0.58	1.21	1.56	0.57	1.13	1.83	-0.28	0.82	---	---	---
15	1.25	0.50	0.93	1.86	0.58	1.33	2.02	-0.53	0.76	---	---	---
16	1.20	0.45	0.78	2.20	0.53	1.33	2.26	-0.52	0.87	---	---	---
17	1.41	-0.14	0.79	2.27	0.08	1.22	2.06	-0.72	0.79	---	---	---
18	1.70	0.00	0.89	2.42	-0.13	1.18	2.28	-0.44	0.97	---	---	---
19	1.91	-0.48	0.68	2.57	-0.10	1.30	2.09	-0.08	0.99	---	---	---
20	2.10	-0.45	0.80	2.87	-0.30	1.41	1.75	-0.12	0.89	---	---	---
21	2.17	-0.38	0.88	2.75	-0.49	1.28	1.72	0.14	0.90	---	---	---
22	2.35	-0.58	0.94	2.63	-0.43	1.24	1.39	0.49	0.94	---	---	---
23	2.37	-0.59	0.95	1.88	-0.22	0.80	1.52	0.44	1.06	---	---	---
24	2.41	-0.56	0.95	1.72	-0.19	0.72	1.62	0.50	1.04	---	---	---
25	2.19	-0.33	0.97	1.36	0.12	0.80	1.73	0.42	0.99	---	---	---
26	2.05	-0.21	1.01	1.09	0.60	0.87	2.00	0.35	1.08	---	---	---
27	1.46	0.28	0.91	1.22	0.27	0.77	2.25	0.54	1.32	---	---	---
28	1.24	0.45	0.94	1.30	-0.14	0.65	3.71	1.61	2.85	---	---	---
29	1.42	0.51	0.98	1.57	-0.41	0.67	---	---	---	---	---	---
30	1.46	0.06	0.76	1.77	-0.38	0.71	---	---	---	---	---	---
31	---	---	---	1.88	-0.18	0.85	---	---	---	---	---	---

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	32300	33900	34500	29000	31700	20000	16900	18900	29600	28100	28700
2	37400	32300	33700	31100	27100	29200	19000	18200	18700	28600	26900	28000
3	34800	32300	33000	27400	20600	24800	21300	18200	19100	27500	26700	27100
4	35100	33000	33800	26800	17300	21000	25600	19000	21800	27200	26400	26800
5	35100	33100	33900	23400	18000	19800	27200	23100	24800	26600	---	---
6	37900	33900	35000	23800	18000	20300	24100	22600	23000	---	---	---
7	37800	36000	37200	20500	18700	19500	22900	16700	21000	25700	---	---
8	37100	36200	36700	29400	17200	21200	19600	17600	18300	24500	22500	23600
9	36600	35100	36000	34800	26600	31300	19400	15600	17500	25100	21700	23000
10	36000	34200	35300	37000	29900	34300	16500	13100	15100	27000	21400	23000
11	34300	28900	32100	35700	19300	28200	---	8370	---	28600	21700	24400
12	29700	26600	28200	30200	14900	20100	20300	8910	12400	27200	21200	24900
13	27600	23300	25700	25100	13500	17800	17500	---	---	24500	21600	22600
14	28600	23400	26100	35700	13800	22600	20200	---	---	23900	21800	23300
15	25500	22800	24000	34800	16600	25100	21600	11600	16500	24100	23600	23800
16	30100	22500	24900	29800	15300	22900	29600	16000	21900	24100	22400	23500
17	33000	22700	26700	25800	19700	22600	30000	22600	27600	23700	22400	22900
18	34200	25200	29700	27900	22900	25200	27900	24600	26300	30700	22600	25900
19	32000	25700	29500	31900	23100	25700	24800	16000	21300	29300	22700	26100
20	31000	25500	28400	29600	24000	25800	26100	15600	22800	27000	22800	24800
21	29400	26000	27600	33200	24400	28600	29800	22000	26300	26900	23200	24900
22	35600	27000	28900	27500	24200	25600	28800	---	---	25100	23700	24300
23	37600	30200	34600	24900	18000	20700	---	---	---	27700	11200	23800
24	34300	29800	32000	20800	18500	19800	24500	15800	22500	28800	23700	26100
25	31200	29400	30500	20400	15700	18000	27100	20400	24300	29200	23800	26400
26	32100	29800	30600	34400	16900	21900	25900	17400	23200	28800	25100	26500
27	32800	28700	30600	34200	18500	22600	25400	16900	22300	31400	23900	27200
28	33300	27900	30600	23500	17800	20600	29500	18600	24100	41200	28900	35400
29	33000	28400	30600	25900	17900	20900	30700	22700	27000	40900	31700	36000
30	32900	28600	30500	25800	19800	21000	30400	24700	28400	35800	32600	34500
31	34000	29000	31100	---	---	---	29700	27500	28700	38100	32700	35400
		FEBRUARY			MARCH			APRIL			MAY	
1	37000	32700	35800	20600	10800	16900	22200	2640	12100	11800	4690	8540
2	37000	21300	33000	25500	11000	20400	2640	664	935	14200	7400	8930
3	21300	9320	14500	30100	17200	23800	1540	585	833	25600	7140	16700
4	28800	6080	14000	27200	17800	23400	4560	721	2070	26600	12800	22300
5	33300	6540	20500	22700	16500	19900	9400	1690	5240	25700	17900	22700
6	30600	6830	22000	25700	16400	21100	7240	3350	5840	26000	11200	21200
7	29800	13300	24900	26900	17200	22700	3350	467	937	21500	6570	17700
8	27200	19000	22900	25900	16800	20400	1470	608	1000	23500	15200	19900
9	20900	17000	19200	26800	20100	23400	10700	1140	3960	22100	12600	19500
10	19100	12200	17300	24700	17600	21200	9980	3120	7300	20800	16700	19500
11	18800	18100	18400	23100	20000	21800	8410	3070	5810	20100	10900	18400
12	28300	18200	19500	23300	22000	22700	5790	2350	4030	19100	13400	17400
13	35500	19200	25800	24900	22600	23500	3870	---	---	18800	13400	18000
14	24400	19100	22200	24300	18400	22700	3630	---	---	21000	17900	19600
15	24000	18700	22200	28400	18400	25000	14100	---	---	19600	18000	18900
16	20900	12300	16000	25500	14900	21100	22900	---	---	19400	17300	18400
17	24400	12900	17400	21700	11100	17300	17000	---	---	20300	17300	18600
18	27200	9640	19900	22300	11300	18300	15300	7580	13300	21800	17700	20100
19	28400	13800	23800	23100	11600	17400	15500	12500	14300	23300	19000	21100
20	26800	19300	23600	27600	11900	21700	15100	13400	14000	22100	19900	21600
21	23500	17000	21100	26300	20200	24100	13500	10700	12200	22100	16800	20500
22	21500	16700	19300	25800	23600	25000	12300	10900	11600	22900	16700	20700
23	21300	16800	20100	24100	18400	21800	12200	5260	11200	21900	13600	19800
24	20400	19200	19800	25800	20000	22700	12100	3560	10600	21100	13300	18900
25	20000	18800	19400	27900	22100	24900	20000	10600	13100	23300	13300	20000
26	27500	19300	22800	---	---	---	21600	10000	16400	24700	15200	21000
27	26600	22300	24200	---	---	---	16700	4440	13400	25200	18400	21800
28	23800	16800	20300	21400	---	---	16000	4140	11400	24600	18800	21400
29	---	---	---	22600	18800	19600	20100	11000	16000	23400	18900	21600
30	---	---	---	28000	19400	24700	17700	11800	15300	22500	16300	19200
31	---	---	---	24300	18800	21900	---	---	---	19700	16700	18200

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	16700	9910	13100	17700	13600	16000	22600	10700	16300	---	---	---
2	14700	9060	11500	16000	13600	15000	20200	10800	15900	---	---	---
3	10800	8530	9450	18200	14400	16300	20400	11900	15900	---	---	---
4	11900	8080	9200	18600	15100	17100	19300	---	---	---	---	---
5	18900	8910	12500	24700	16600	20500	---	---	---	---	---	---
6	18300	8360	13900	---	---	---	16200	10200	12800	---	---	---
7	15800	8530	12000	---	6850	---	15900	10300	12800	---	---	---
8	15200	8620	11600	12200	4770	6850	15800	11000	12700	---	---	---
9	17100	9020	12600	26200	5720	14200	16100	11000	12700	---	---	---
10	19100	10200	15000	23600	14600	19200	15300	11500	12700	---	---	---
11	17800	12300	15300	20400	12500	18200	15300	11700	12700	---	---	---
12	14800	11700	13300	13600	9270	10500	17500	11400	14300	---	---	---
13	17300	11700	13100	11200	9520	10500	20100	13200	15800	---	---	---
14	13300	11800	12700	11400	9750	11000	18100	11900	15600	---	---	---
15	12600	11400	12100	12000	10400	11000	20400	11700	15500	---	---	---
16	12600	11600	11900	18200	10500	13700	26000	11900	18000	---	---	---
17	22700	9340	16500	14700	10700	12800	22800	13300	18000	---	---	---
18	19000	12500	16100	13300	9100	11900	26000	14000	20400	---	---	---
19	23100	10900	16100	14600	10500	12100	27000	16200	20400	---	---	---
20	22500	10900	17400	16600	9470	12800	24800	16300	20600	---	---	---
21	24300	13200	19300	15300	7610	12600	25100	17500	21200	---	---	---
22	24500	12600	19600	14200	7610	12200	25100	18600	21800	---	---	---
23	23200	12700	19000	11900	10500	11300	26300	19900	22900	---	---	---
24	23600	13000	19600	14400	10700	11700	26300	20300	23700	---	---	---
25	24900	15900	21100	17200	11200	13500	24400	20800	22600	---	---	---
26	25800	16900	22200	16200	13200	14700	26700	20100	23000	---	---	---
27	24600	19900	22200	15500	12300	14400	29800	22900	25100	---	---	---
28	25400	20500	23300	15100	11800	14000	32100	26300	30000	---	---	---
29	25200	21600	23300	19400	10200	15000	---	---	---	---	---	---
30	22500	16200	19600	20100	10800	15300	---	---	---	---	---	---
31	---	---	---	22100	11300	16000	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.2	25.5	27.0	26.7	25.5	25.9	19.3	15.9	17.2	17.7	15.2	16.2
2	30.7	26.7	28.4	27.8	25.3	26.3	16.1	14.1	14.9	18.6	15.9	17.0
3	30.4	28.0	29.0	27.4	26.0	26.5	15.3	13.1	14.4	19.1	17.4	18.1
4	30.7	28.0	29.1	26.5	21.0	24.2	16.1	13.9	15.2	19.4	17.3	18.3
5	29.5	27.6	28.6	22.4	18.8	20.3	16.6	15.8	16.2	---	18.0	---
6	28.5	26.6	27.4	21.5	19.1	20.4	19.2	16.6	18.0	---	---	---
7	27.1	25.5	26.4	21.3	18.7	20.0	20.9	18.8	19.6	---	---	---
8	25.6	24.2	24.9	21.8	19.2	20.7	20.2	17.8	18.8	19.6	18.3	19.1
9	24.5	23.3	23.8	21.8	19.1	20.4	19.1	18.0	18.8	18.4	16.8	17.6
10	23.4	22.9	23.1	20.4	18.7	19.5	18.8	16.1	18.0	18.7	17.0	17.8
11	27.0	23.0	24.4	20.9	19.2	20.1	16.1	---	---	19.4	17.6	18.6
12	26.8	24.7	25.6	20.9	19.6	20.3	15.6	12.3	14.3	20.8	18.7	19.6
13	25.6	23.3	24.2	19.9	18.2	18.8	---	14.7	---	20.2	18.8	19.6
14	23.6	21.4	22.8	19.4	17.2	18.5	14.7	16.0	12.7	18.8	15.2	16.7
15	21.8	19.2	20.6	19.2	17.7	18.3	12.1	8.7	10.8	15.2	12.6	13.9
16	23.5	19.0	21.5	18.9	16.8	18.1	12.2	9.2	11.2	13.5	10.9	12.2
17	25.2	22.0	23.5	19.7	17.4	18.5	12.4	11.5	11.9	11.3	8.6	10.1
18	26.0	23.4	24.7	19.0	17.5	18.5	13.8	11.3	12.5	11.6	7.0	9.6
19	28.1	24.7	26.0	21.1	18.5	19.9	13.2	10.4	12.1	11.7	6.6	9.8
20	29.8	25.8	27.4	20.8	19.8	20.4	11.3	7.1	10.0	13.1	9.6	11.4
21	30.3	27.1	28.3	22.2	19.8	20.7	12.8	9.3	11.3	14.0	11.9	12.9
22	29.5	27.2	28.0	22.5	21.3	22.0	---	12.8	---	15.5	13.7	14.6
23	27.2	25.7	26.4	23.7	22.2	22.6	14.5	10.2	12.3	14.4	6.0	10.0
24	26.5	25.0	25.7	22.8	20.2	22.2	10.2	6.4	8.0	10.5	7.1	9.1
25	27.9	25.4	26.5	20.2	16.8	18.0	7.7	4.9	6.1	11.6	8.3	10.0
26	28.0	26.4	27.3	17.8	14.5	16.6	8.1	3.3	5.7	15.3	10.9	13.0
27	27.5	26.4	27.0	18.4	16.3	17.4	8.7	5.6	7.3	14.3	12.9	13.7
28	27.7	25.4	26.6	17.5	15.2	16.7	10.4	7.6	9.1	12.9	12.1	12.3
29	27.6	25.5	26.5	17.7	14.7	16.5	12.4	9.6	11.1	13.9	12.1	12.7
30	27.4	25.4	26.4	20.3	17.5	18.7	14.3	11.8	13.0	15.2	13.2	14.1
31	27.4	25.7	26.4	---	---	---	16.2	13.5	14.9	14.6	12.8	13.3

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.9	12.4	12.6	15.9	13.2	14.6	20.8	18.6	19.8	21.9	18.8	20.8
2	13.7	12.3	13.0	14.3	11.6	13.2	19.8	16.7	18.4	22.0	19.3	20.8
3	13.6	12.0	12.7	13.8	12.8	13.2	20.2	15.4	18.1	22.3	19.6	21.2
4	13.4	10.9	12.2	15.1	12.1	13.8	20.4	16.3	18.8	22.3	21.1	21.7
5	13.9	10.4	12.5	17.1	13.2	15.3	21.9	18.8	20.2	23.4	19.9	21.6
6	13.9	11.8	13.2	16.7	14.6	15.8	21.1	20.1	20.8	24.7	20.3	22.5
7	15.0	13.7	14.4	17.8	14.8	16.4	21.3	18.6	20.0	26.6	21.8	24.0
8	16.4	14.7	15.8	18.1	15.7	17.1	20.9	19.2	20.0	26.6	22.9	24.5
9	18.0	16.0	17.1	17.0	14.8	15.9	23.5	19.1	21.0	26.1	22.9	24.5
10	17.1	13.7	15.6	17.6	13.6	15.6	23.1	20.4	21.7	27.1	24.0	25.4
11	15.4	12.7	13.9	17.4	14.7	16.1	23.5	21.3	22.3	28.9	25.4	26.8
12	14.6	12.4	13.7	18.7	14.9	16.5	23.8	21.4	22.6	28.8	26.2	27.5
13	15.9	13.9	14.8	20.0	16.4	18.0	23.2	20.2	21.8	28.6	26.5	27.5
14	17.5	15.1	16.1	20.4	18.4	19.3	21.2	18.8	20.2	28.6	26.0	27.5
15	18.8	16.6	17.5	18.4	16.6	17.1	22.8	18.1	20.2	28.8	26.6	27.8
16	19.6	17.7	18.7	16.8	15.3	16.4	22.6	19.2	21.0	28.3	25.5	27.1
17	19.6	15.6	17.7	15.4	13.4	14.5	23.5	19.8	21.8	28.4	25.6	26.8
18	16.5	14.0	15.5	17.5	12.4	15.1	23.5	20.6	22.0	29.2	26.1	27.5
19	15.7	13.3	14.8	17.6	14.2	15.9	23.4	21.4	22.4	30.5	26.9	28.6
20	16.2	14.8	15.5	17.3	16.6	16.9	24.4	21.8	23.0	30.8	27.2	28.6
21	18.7	16.2	17.3	18.6	16.6	17.6	26.7	22.9	24.5	31.4	27.1	29.1
22	20.4	18.2	19.2	22.2	18.2	19.6	26.4	23.9	25.2	30.8	28.1	29.4
23	20.4	18.8	19.7	21.8	19.3	20.6	25.1	21.8	23.5	31.4	27.9	29.4
24	19.7	18.5	19.1	21.4	18.7	20.2	22.8	18.8	21.1	31.7	28.0	29.6
25	18.6	16.6	17.7	24.4	20.3	22.0	21.2	19.0	20.1	30.2	28.3	29.2
26	17.7	15.7	16.6	---	---	---	22.2	18.9	20.3	29.4	26.7	28.0
27	16.2	15.2	15.7	---	---	---	23.5	19.7	21.5	29.4	26.4	27.8
28	16.1	14.6	15.3	---	15.8	---	24.0	20.4	22.2	29.5	26.0	27.8
29	---	---	---	21.1	17.2	19.2	24.8	21.4	23.2	28.0	24.8	26.5
30	---	---	---	20.9	19.1	20.1	24.4	21.6	23.3	25.2	24.2	24.8
31	---	---	---	21.6	20.7	21.0	---	---	---	27.1	24.5	25.5
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.3	25.6	26.7	32.3	29.8	30.8	31.8	29.8	30.4	---	---	---
2	29.9	26.4	28.1	32.4	29.5	30.6	30.3	28.6	29.3	---	---	---
3	31.9	27.3	29.1	32.8	29.6	30.8	30.5	28.2	29.1	---	---	---
4	31.9	28.0	29.7	33.8	29.9	31.3	---	---	---	---	---	---
5	31.9	29.0	30.2	31.5	28.6	29.9	29.3	---	---	---	---	---
6	30.5	27.5	28.8	---	---	---	29.7	27.5	28.6	---	---	---
7	31.0	26.7	28.6	29.0	---	---	30.9	28.0	29.2	---	---	---
8	31.7	28.1	29.9	31.0	27.1	28.9	31.4	28.8	30.2	---	---	---
9	32.0	28.9	30.4	30.9	27.9	29.6	33.1	30.1	31.0	---	---	---
10	30.9	28.8	29.7	29.8	25.8	27.8	33.1	29.8	31.2	---	---	---
11	28.8	26.1	27.5	29.0	25.1	26.8	31.2	29.7	30.5	---	---	---
12	29.2	24.9	27.1	31.1	27.3	29.2	32.9	29.7	31.2	---	---	---
13	31.5	27.7	29.3	31.4	29.2	30.4	34.5	30.4	32.2	---	---	---
14	32.8	29.2	30.9	30.5	29.3	29.9	35.1	31.2	32.7	---	---	---
15	33.4	29.7	31.5	---	28.3	---	34.4	31.7	32.5	---	---	---
16	32.3	29.3	30.7	32.1	28.6	30.3	32.5	31.2	31.9	---	---	---
17	33.5	30.4	31.3	33.4	29.6	31.2	32.9	31.1	31.8	---	---	---
18	31.7	29.1	30.2	33.5	30.3	31.7	33.5	30.8	31.9	---	---	---
19	31.8	29.0	30.3	32.6	30.6	31.4	34.2	31.1	32.4	---	---	---
20	30.8	28.6	29.7	33.1	30.5	31.6	34.3	31.3	32.6	---	---	---
21	30.5	28.2	29.3	33.5	30.8	31.7	34.1	31.6	32.7	---	---	---
22	31.0	28.1	29.4	33.0	30.1	31.4	33.9	30.5	32.3	---	---	---
23	30.8	28.4	29.6	31.4	30.3	30.9	32.9	30.6	31.8	---	---	---
24	31.2	28.8	29.9	32.8	29.2	31.0	33.4	30.7	32.2	---	---	---
25	30.8	28.2	29.6	33.5	30.9	32.1	33.5	30.5	32.0	---	---	---
26	30.6	28.1	29.5	33.2	30.8	31.8	33.4	30.9	32.0	---	---	---
27	30.9	28.9	29.9	33.9	30.4	31.9	33.1	30.6	32.0	---	---	---
28	30.6	29.0	29.8	32.6	30.8	31.7	32.1	30.4	31.2	---	---	---
29	30.3	28.4	29.3	34.2	29.9	31.4	---	---	---	---	---	---
30	31.3	28.3	29.6	31.5	30.0	30.7	---	---	---	---	---	---
31	---	---	---	31.2	29.6	30.2	---	---	---	---	---	---

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: June 1,2. 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. 2	1945	3,300	13.95	May 31	1400	2,140	10.25
Apr. 1	2030	7,170	22.62	Jun. 1	0945	2,430	11.25
Apr. 12	0945	2,080	10.04	Jul. 6	1315	3,630	14.79
Apr. 30	1930	3,280	13.80	Aug. 30	0245	*9,440	*25.61

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	12	449	61	794	109	4860	2300	e2210	22	494	1610
2	7.1	40	310	58	2410	83	5410	993	e1270	80	653	880
3	7.2	1090	186	55	2260	92	1360	291	280	34	362	436
4	7.2	939	146	52	954	143	468	188	146	20	346	292
5	8.5	273	171	50	404	114	321	140	98	16	197	229
6	51	121	328	51	282	83	648	111	81	2160	117	188
7	28	82	338	65	226	72	1110	92	187	817	127	157
8	16	63	443	307	206	96	548	80	139	325	87	134
9	23	50	547	361	247	113	312	69	280	286	71	119
10	184	47	590	172	276	79	232	62	275	267	104	108
11	304	920	276	121	183	63	190	57	265	251	106	98
12	150	712	180	118	137	54	1520	51	188	153	76	89
13	83	355	140	164	122	48	1050	43	113	214	56	80
14	52	195	112	333	258	46	410	36	78	110	45	74
15	42	132	93	248	290	53	240	32	58	127	32	68
16	32	99	84	141	182	563	182	28	40	127	26	64
17	23	81	79	104	137	407	144	24	30	94	21	61
18	19	68	75	85	107	195	120	21	77	70	20	59
19	73	66	70	76	89	128	105	19	65	49	19	56
20	138	180	63	73	81	101	95	18	38	44	16	53
21	61	347	59	71	88	96	85	21	26	180	24	48
22	44	180	63	69	80	91	78	19	20	182	39	47
23	33	125	235	62	80	90	69	17	16	77	238	116
24	36	702	256	55	197	94	62	15	16	49	118	214
25	50	755	135	50	246	69	51	13	23	44	104	133
26	36	294	109	50	174	59	196	12	15	31	96	100
27	27	407	94	49	128	67	208	11	11	37	80	84
28	21	442	78	46	137	72	129	9.5	20	99	52	67
29	17	234	70	54	---	60	83	206	39	217	4270	57
30	15	175	66	67	---	48	1620	326	24	129	7810	48
31	13	---	63	63	---	115	---	1120	---	118	3870	---
TOTAL	1607.9	9186	5908	3331	10775	3503	21906	6424.5	6128	6429	19676	5769
MEAN	51.9	306	191	107	385	113	730	207	204	207	635	192
MAX	304	1090	590	361	2410	563	5410	2300	2210	2160	7810	1610
MIN	6.9	12	59	46	80	46	51	9.5	11	16	16	47
CFSM	0.54	3.18	1.98	1.12	4.00	1.17	7.59	2.15	2.12	2.16	6.60	2.00
IN.	0.62	3.55	2.28	1.29	4.17	1.35	8.47	2.48	2.37	2.49	7.61	2.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2005, BY WATER YEAR (WY)

MEAN	79.6	124	215	304	337	324	263	183	117	134	142	168
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1953 - 2005	
ANNUAL TOTAL	76940.7		100643.4			
ANNUAL MEAN	210		276		199	
HIGHEST ANNUAL MEAN					364	1983
LOWEST ANNUAL MEAN					28.7	2000
HIGHEST DAILY MEAN	2370	May 13	7810	Aug 30	9860	May 10 1995
LOWEST DAILY MEAN	5.6	Sep 15	6.9	Oct 1	1.1	Oct 19 2000
ANNUAL SEVEN-DAY MINIMUM	5.9	Sep 24	14	May 22	1.1	Oct 24 2000
MAXIMUM PEAK FLOW			9440	Aug 30	13500	May 9 1995
MAXIMUM PEAK STAGE			25.61	Aug 30	28.94a	May 9 1995
INSTANTANEOUS LOW FLOW			6.7	Oct 1,2	1.1	Oct 21 1963
ANNUAL RUNOFF (CFSM)	2.19		2.87		2.06	
ANNUAL RUNOFF (INCHES)	29.75		38.92		28.06	
10 PERCENT EXCEEDS	581		478		452	
50 PERCENT EXCEEDS	79		94		68	
90 PERCENT EXCEEDS	11		23		8.1	

e Estimated
a To presnt 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 NAVD of 1988. 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 PERIOD OF DAILY RECORD.--
GAGE HEIGHT: Maximum recorded, 11.88 ft, Aug. 29, 2005, recovered stream-surge high-water mark of 20.56 ft (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -2.39 ft, Dec. 14, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 32,400 microsiemens, Nov. 27, 2003, but may have been higher during periods of instrument malfunction; minimum recorded, 81 microsiemens, Apr. 7, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2°C, Aug. 20, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 6.4°C, Dec. 25, 26, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 11.88 ft, Sept. 29, recovered stream-surge high-water mark of 20.56 ft (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -2.39 ft, Dec. 14, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 30,600 microsiemens, Oct. 8, but may have been higher during periods of instrument malfunction; minimum recorded, 81 microsiemens, Apr. 7, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 6.4°C, Dec. 25, 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.06	0.05	0.95	3.27	1.06	2.06	1.57	-1.04	0.20	1.52	0.27	0.89
2	2.07	-0.20	0.81	3.23	0.90	1.95	1.62	-0.15	0.56	1.48	0.33	0.91
3	1.86	-0.25	0.78	3.08	0.79	1.86	1.36	-0.26	0.55	1.05	0.37	0.67
4	1.93	0.05	0.93	2.24	-0.11	0.66	1.48	0.02	0.70	1.07	0.19	0.63
5	1.62	0.02	0.77	1.31	-0.03	0.61	1.63	0.37	0.96	1.70	-0.03	0.82
6	1.93	0.54	1.21	1.22	-0.05	0.63	1.63	0.75	1.14	1.73	-0.41	0.63
7	2.65	1.24	1.83	0.86	0.23	0.56	1.66	0.73	1.11	2.16	-0.59	0.76
8	2.87	1.16	2.12	0.75	-0.09	0.31	1.81	0.00	0.96	1.76	-0.93	0.48
9	2.63	1.91	2.31	1.68	0.22	0.93	2.28	0.14	1.12	1.87	-1.36	0.22
10	3.44	2.15	2.80	3.09	0.73	1.78	1.35	-1.00	0.10	2.03	-1.28	0.27
11	2.79	1.35	2.14	2.79	0.59	1.80	1.21	-2.23	-0.57	2.53	-0.99	0.60
12	1.86	0.91	1.42	2.45	0.11	1.41	1.90	-1.63	0.09	2.85	-0.33	1.02
13	1.48	0.07	0.87	2.36	-0.33	1.06	1.63	-2.21	-0.47	2.85	-0.20	1.33
14	1.45	-0.07	0.83	2.79	-0.07	1.33	0.60	-2.39	-0.85	2.15	-0.87	0.11
15	1.82	-0.29	0.66	2.80	0.04	1.33	1.13	-1.53	-0.32	0.92	-0.19	0.34
16	2.04	-0.52	0.67	2.79	-0.15	1.17	1.19	-0.71	0.14	0.20	-1.19	-0.31
17	2.38	-0.66	0.74	2.56	0.00	1.18	1.13	-0.43	0.35	0.34	-1.28	-0.51
18	2.52	-0.02	1.19	2.52	0.52	1.42	0.81	-0.06	0.34	0.92	-1.09	-0.08
19	2.82	-0.13	1.21	2.36	0.50	1.39	0.19	-1.07	-0.53	1.29	-0.96	0.13
20	2.32	-0.39	0.94	1.80	0.59	1.32	0.62	-1.09	-0.12	1.48	-1.18	0.17
21	1.88	-0.32	0.85	1.61	0.81	1.21	1.50	-0.56	0.45	1.69	-0.90	0.41
22	1.76	0.14	1.04	1.75	0.68	1.24	3.41	0.15	1.41	1.38	-0.90	0.25
23	2.23	0.55	1.48	2.35	0.58	1.47	2.07	-1.33	0.07	0.80	-2.13	-0.70
24	1.52	0.58	1.10	2.44	0.49	1.59	1.42	-1.38	0.03	1.28	-1.13	-0.03
25	1.26	0.56	0.96	1.67	-0.73	0.43	1.63	-1.06	0.10	1.58	-1.30	0.08
26	1.67	0.36	1.12	2.72	-0.55	0.95	1.63	-1.37	-0.11	1.45	-0.64	0.41
27	2.01	0.15	1.11	2.42	0.40	1.18	0.92	-1.65	-0.39	1.32	-1.24	0.13
28	2.12	-0.07	1.02	2.12	-0.53	0.80	1.37	-1.41	-0.10	2.65	0.18	1.43
29	2.49	-0.01	1.13	2.44	-0.37	0.92	1.46	-0.75	0.31	2.66	0.34	1.23
30	2.70	0.08	1.31	2.44	0.50	1.19	1.70	-0.54	0.51	1.41	0.42	0.89
31	3.27	0.27	1.56	---	---	---	1.78	-0.14	0.73	1.56	0.53	1.04

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.91	0.49	1.25	0.69	-1.21	-0.22	---	---	---	2.06	-0.86	0.79
2	2.08	0.28	1.67	1.33	-2.17	0.19	---	---	---	1.64	-0.18	0.86
3	1.58	-0.27	0.67	2.11	-0.56	0.62	---	---	---	1.34	-0.24	0.70
4	1.75	-0.82	0.45	1.88	-0.53	0.62	---	---	---	1.26	0.21	0.63
5	2.02	-0.84	0.75	1.29	-1.00	0.17	---	---	---	0.91	0.23	0.52
6	2.86	-0.59	1.10	1.74	-1.39	0.27	2.50	0.68	1.65	1.67	-0.07	0.84
7	2.65	-0.27	1.14	2.06	-0.89	0.65	1.91	0.19	0.95	1.38	-0.41	0.60
8	2.66	0.12	1.40	1.52	-1.83	-0.02	1.24	-0.19	0.53	1.96	-0.22	0.86
9	2.37	0.07	1.18	1.16	-0.54	0.42	1.51	-0.33	0.73	2.19	-0.32	0.90
10	1.88	-0.53	0.25	1.33	-1.35	-0.08	2.02	0.34	1.22	2.40	-0.13	1.13
11	0.78	0.04	0.39	1.33	-0.71	0.01	2.84	0.73	1.74	2.07	-0.35	0.83
12	0.76	-0.04	0.43	0.71	-0.23	0.20	2.63	-0.04	1.39	1.91	-0.30	0.83
13	1.78	0.64	1.27	1.24	-0.17	0.43	2.35	-0.86	0.67	2.14	-0.31	1.00
14	1.42	0.43	0.95	0.81	-1.06	0.17	1.87	-1.17	0.37	2.14	0.23	1.20
15	1.88	0.28	1.07	1.90	-1.02	0.67	1.61	-0.75	0.44	1.93	0.19	1.04
16	1.84	-0.11	0.92	1.73	-0.39	0.56	1.56	-0.75	0.48	1.95	-0.02	0.99
17	1.78	-0.33	0.63	1.11	-0.92	0.11	1.33	-0.68	0.40	1.55	0.22	0.91
18	1.79	-0.55	0.66	1.16	-0.75	0.32	1.14	-0.54	0.44	1.32	0.46	0.90
19	1.80	-0.39	0.74	1.23	-0.66	0.40	1.35	-0.01	0.75	1.20	0.69	0.91
20	1.81	-0.14	0.84	1.59	-0.66	0.58	1.48	0.23	0.96	1.29	0.47	---
21	1.76	-0.22	0.82	1.83	-0.24	0.86	1.31	0.51	1.00	1.35	-0.10	0.71
22	1.48	-0.33	0.64	2.10	0.58	1.30	1.18	0.70	0.96	2.28	-0.14	1.04
23	1.95	-0.37	0.77	1.48	-0.42	0.60	0.78	-0.61	0.06	1.96	-0.45	0.86
24	1.46	-0.16	0.57	1.39	-0.24	0.69	1.28	-0.80	0.22	1.83	-0.99	0.62
25	1.35	-0.25	0.53	1.33	0.22	0.69	1.84	-0.50	0.64	2.67	-0.89	0.79
26	1.26	0.42	0.77	1.41	0.52	1.02	2.31	-0.49	0.98	2.52	-0.75	0.88
27	1.81	0.65	1.09	1.66	-1.04	0.78	2.22	-0.77	0.82	2.36	-0.56	0.94
28	1.28	-0.36	0.36	0.53	-1.06	-0.27	2.37	-0.90	0.82	2.10	-0.52	0.84
29	---	---	---	1.37	-0.88	0.22	2.40	-0.01	1.17	2.02	-0.07	0.93
30	---	---	---	1.90	-0.26	0.80	2.06	0.27	1.16	2.19	0.08	1.42
31	---	---	---	1.75	-0.16	---	---	---	---	1.81	0.50	1.35
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.41	0.84	1.17	1.81	-0.49	0.79	2.03	-0.43	0.90	---	---	---
2	1.87	0.66	1.27	1.78	-0.56	0.67	2.06	-0.33	0.91	---	---	---
3	2.13	0.44	1.38	1.70	-0.45	0.69	2.08	-0.16	1.00	---	---	---
4	2.34	0.45	1.50	1.75	-0.46	0.71	2.12	-0.21	1.01	---	---	---
5	2.58	0.40	1.62	2.54	0.11	1.11	2.07	0.03	1.06	---	---	---
6	2.69	-0.27	1.42	6.04	-0.19	1.94	1.95	0.02	0.99	---	---	---
7	2.52	-0.18	1.17	2.20	-0.08	1.10	1.65	0.17	0.92	---	---	---
8	2.33	-0.18	1.11	2.22	-0.12	1.05	1.42	0.32	0.83	---	---	---
9	2.52	-0.09	1.22	2.49	-0.04	1.29	1.11	0.27	0.70	---	---	---
10	3.13	0.17	1.62	3.08	0.63	2.14	1.08	0.13	0.68	---	---	---
11	2.76	0.66	1.80	2.74	0.79	2.04	1.29	0.28	0.67	---	---	---
12	2.47	0.66	1.68	2.23	0.81	1.72	1.47	0.12	0.70	---	---	---
13	2.19	0.65	1.50	1.72	0.86	1.32	1.57	0.02	0.76	---	---	---
14	1.79	0.67	1.33	1.62	0.63	1.18	1.85	-0.33	0.81	---	---	---
15	1.35	0.57	1.03	1.95	---	---	2.05	---	---	2.10	0.21	1.23
16	1.31	0.48	0.91	2.36	0.55	1.43	---	---	---	2.25	0.44	1.36
17	1.61	-0.08	0.93	2.38	0.14	1.32	2.08	-0.76	---	1.84	0.77	1.23
18	1.84	0.09	1.03	2.48	-0.08	1.25	2.34	-0.50	1.00	1.72	0.64	1.26
19	2.11	-0.40	0.82	2.66	-0.08	1.37	2.16	-0.12	1.00	1.76	0.37	1.18
20	2.29	-0.35	0.96	2.97	-0.30	1.47	1.78	-0.23	0.89	1.95	0.25	1.26
21	2.37	-0.29	1.05	2.82	-0.50	1.32	1.83	0.13	0.91	2.63	0.13	1.23
22	2.55	-0.49	1.11	2.70	-0.46	1.28	1.43	0.50	0.95	4.61	1.78	2.78
23	2.56	-0.49	1.10	2.04	-0.24	0.83	1.57	0.45	1.09	5.14	3.21	3.98
24	2.66	-0.47	1.12	1.80	-0.22	0.75	1.69	0.50	1.07	4.92	2.30	3.54
25	2.41	-0.23	1.14	1.54	0.13	0.86	1.81	0.42	1.02	4.01	1.24	2.56
26	2.28	-0.09	1.19	1.18	0.63	0.93	2.10	0.33	1.12	2.83	0.39	1.51
27	1.72	0.43	1.10	1.29	0.27	0.81	2.36	0.57	1.37	2.14	0.62	1.41
28	1.55	0.62	1.16	1.36	-0.20	0.68	3.74	1.65	2.90	2.25	0.99	1.68
29	1.67	0.74	1.21	1.66	-0.52	0.71	---	---	---	2.46	1.03	1.69
30	1.78	0.19	0.94	1.89	-0.46	0.75	---	---	---	2.02	0.80	1.36
31	---	---	---	1.96	-0.16	0.91	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	27200	22600	24800	28900	22100	25100	10600	6060	8850	21800	19500	20300
2	27300	21700	24500	30000	22000	24900	10800	8130	9120	22100	19800	20900
3	26800	22300	24600	25500	11700	17900	10100	7740	8950	22100	20800	21100
4	27600	23600	25500	19200	4970	8710	10800	8160	9380	21300	19700	20500
5	27000	23000	24900	13900	5800	8930	12900	9400	11100	20600	19300	19700
6	28100	23700	25800	15600	6800	12700	13200	11000	11700	19500	17800	18500
7	29800	25400	27400	17100	12700	14900	12000	9490	10700	20000	17000	18400
8	30600	25000	28100	25700	13300	19200	10700	8230	9420	18300	14100	17200
9	30400	26600	28500	30100	25600	28300	10400	8020	9070	18500	12100	16600
10	28600	23700	26700	28400	23200	25400	9220	6380	7320	19000	14600	16700
11	27100	13800	21600	24900	13300	18000	7310	3290	5110	21500	15800	17100
12	19500	11300	14600	19300	2390	8080	8960	4690	5570	23400	16600	18400
13	15200	8300	11500	12000	2150	5800	7300	4060	5120	23400	16900	19100
14	17200	8480	13200	16600	2850	7640	6820	3800	5110	19500	16300	17600
15	19000	8500	13100	15200	3490	8770	11300	4790	6800	18700	17300	17900
16	21300	8550	14700	13600	3810	9100	14000	6100	9600	17800	15100	16900
17	23800	10400	16600	13700	6840	9700	14800	7910	12000	17400	14400	16300
18	25100	14700	19400	14500	9050	11200	17600	12900	15500	18700	15700	16800
19	26000	15000	19900	17200	9420	12100	15900	6960	10900	19200	15700	17000
20	24600	13800	19100	18000	10900	13800	20400	6830	14200	19500	15200	16900
21	22300	15000	18700	19800	15100	17600	21700	9950	17200	19900	15800	17500
22	22400	16600	20100	18400	15200	16700	25400	---	---	19200	15900	17600
23	27600	19500	23200	18900	13100	14900	22200	6010	16600	20100	8150	16000
24	22600	21000	21700	15400	12100	13400	19900	8190	17200	21100	16300	18600
25	21700	19700	20600	13400	2890	9900	20100	16100	18100	21500	16200	18600
26	24900	20000	22200	14800	9620	12000	20000	10900	17000	20700	17600	19100
27	24300	19500	22300	13800	10900	12000	18100	6860	15700	22500	16600	19500
28	24600	18200	21700	14400	8380	10900	20300	14300	16700	28100	19000	23600
29	26000	18800	22100	14500	8350	10800	20800	15800	17700	29800	19700	23800
30	26300	19500	22700	15000	9530	11100	21700	16200	18700	27000	20900	24200
31	28300	20300	23600	---	---	---	22100	17500	19700	30100	23400	26800

		FEBRUARY			MARCH			APRIL			MAY	
1	29000	22400	26800	12100	1300	9090	---	---	---	2560	463	1340
2	27700	3330	18200	16500	1240	11200	---	---	---	1530	388	928
3	3490	---	---	19200	8180	13800	---	---	---	5180	441	1680
4	3390	719	1590	18600	9150	14300	---	---	---	12300	686	6720
5	11000	792	4450	15400	6820	12400	---	---	---	18600	4470	13800
6	23900	934	9020	17100	4740	12600	2850	169	1180	20100	5770	17500
7	19100	2360	9490	20300	11000	14700	246	81	137	16800	3950	13400
8	15300	6880	11100	16700	3140	12600	168	107	133	14400	11100	12700
9	13200	7390	9960	18500	12300	15400	255	130	157	15600	10300	12700
10	10400	1950	6850	17100	11000	13800	5180	161	1190	16600	11600	13400
11	10200	7680	9010	17100	12300	14000	6540	875	3300	16100	8630	13100
12	14500	7560	9950	15900	13800	14800	4970	148	1110	15400	8530	12800
13	20900	11600	15700	16700	13800	15300	740	105	307	15900	8170	13400
14	14500	11400	12700	15700	11900	14700	528	141	305	15800	12400	13900
15	16500	10500	13800	22500	12100	16600	1790	165	518	14800	12300	13500
16	14500	7590	12300	17100	9120	13200	9950	175	2890	15100	12100	13400
17	15100	5980	11400	13400	7660	9620	7110	237	3290	14400	12500	13300
18	18200	4080	12100	15900	7300	11100	6560	1230	4050	13900	12800	13500
19	17000	9420	14000	13500	8070	11300	7730	2900	5310	14000	13400	13700
20	18000	12200	15400	16600	8710	12000	8240	4340	6660	---	---	---
21	17100	11500	15300	18100	10100	14000	7530	6150	6870	13600	11400	---
22	16400	10900	14600	17400	13100	15800	6890	5930	6310	16500	11700	13500
23	16500	10400	14700	15700	10000	13300	5960	1960	4610	15700	9850	13500
24	16100	12500	13600	15500	11800	13800	6570	1800	5100	15500	4360	12800
25	14200	11500	12700	15300	12700	14100	9160	4780	6080	18500	12200	14500
26	15400	12400	13500	16100	14100	14800	9550	4500	7040	18900	12700	15400
27	15700	12600	14000	16500	7960	14300	10200	2990	6290	19600	13200	15900
28	13300	10300	11800	12800	7960	11900	8530	1700	5510	18800	13600	15900
29	---	---	---	15700	11500	12700	10100	4980	6680	16500	12500	15300
30	---	---	---	19300	12600	14800	7390	1470	5340	15900	12200	13900
31	---	---	---	18000	---	---	---	---	---	13100	11200	12200

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	11300	3810	6700	11300	8740	10300	11800	3780	7050	---	---	---
2	7030	3180	5270	10300	8520	9680	11100	4560	7370	---	---	---
3	4750	2690	3910	10400	8860	9610	10000	5150	7390	---	---	---
4	5600	2630	4050	11300	8920	9820	8690	4380	6590	---	---	---
5	9540	2940	5480	13900	9450	10800	6070	4350	5480	---	---	---
6	8870	2680	5370	18900	1910	8560	5490	4200	5060	---	---	---
7	8840	2770	5220	2830	890	2060	5140	3980	4730	---	---	---
8	7910	3270	5320	1960	892	1340	5380	4310	4840	---	---	---
9	8820	3640	5710	8680	896	2440	7770	4850	5850	---	---	---
10	10500	4360	6670	9970	1180	5600	10500	5300	7260	---	---	---
11	9090	4570	6670	7340	1740	4860	9130	6140	7220	---	---	---
12	7400	2560	5310	4580	1820	3930	9410	6720	8090	---	---	---
13	7690	2580	4910	3880	2350	3110	9740	6510	8210	---	---	---
14	5780	3230	4870	3470	1820	2630	11300	6550	8750	---	---	---
15	5130	3060	4170	---	---	---	---	---	---	11600	7490	9460
16	4830	3080	3790	10500	2500	5780	---	---	---	12400	8310	9980
17	13300	3480	7930	8400	2410	5040	---	---	---	12200	8360	9730
18	12500	5130	8580	9270	2530	5470	18300	8070	12100	11700	8090	9930
19	14200	5210	8390	9370	3340	6350	17400	9210	12300	12700	8470	10300
20	16300	6530	10200	10000	3580	6780	15000	9430	12100	14800	8960	11500
21	17100	7670	11300	9860	2910	6860	15700	10100	12400	19400	8660	12600
22	17300	7750	11900	9240	3910	6580	14800	10700	12200	24100	14600	18600
23	18100	8690	12500	6430	4540	5800	16500	10900	13100	27800	18400	21800
24	19600	9020	13200	5940	4920	5470	17000	11500	14200	26100	16300	20600
25	18100	10200	13700	6240	5100	5520	14100	11100	12500	22800	14400	18500
26	17600	10400	14100	6590	5540	5960	14000	10500	11900	18500	13700	16000
27	15700	11900	14300	6550	5000	5730	16900	10500	12600	15900	13400	15000
28	15800	13700	15100	6350	4540	5510	21900	13600	19600	17600	13700	15700
29	15900	12800	14700	7970	4510	6170	---	---	---	19500	14700	17000
30	14100	10600	12300	11200	4650	7300	---	---	---	18500	14000	16000
31	---	---	---	10500	4050	6810	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.6	26.3	27.3	27.1	25.9	26.6	18.3	16.0	17.1	15.9	13.8	14.6
2	29.8	26.9	28.1	27.6	25.8	26.7	16.0	15.5	15.7	17.0	15.2	15.9
3	29.8	27.6	28.7	27.0	25.7	26.5	15.5	14.6	15.1	17.3	16.2	16.7
4	30.0	28.4	29.0	27.0	22.6	24.6	15.5	14.8	15.2	17.7	16.5	17.1
5	29.5	28.2	28.8	22.7	21.2	22.1	15.9	15.3	15.5	18.9	16.8	17.7
6	28.4	27.6	28.0	21.9	21.4	21.7	17.6	15.8	16.4	19.0	17.3	18.3
7	28.0	26.0	27.3	21.8	21.4	21.6	19.4	16.4	17.4	19.2	17.9	18.5
8	26.1	25.1	25.8	22.0	21.5	21.7	18.6	17.3	17.9	19.0	18.4	18.6
9	25.1	24.3	24.6	22.0	20.4	21.2	19.0	17.9	18.4	18.4	17.4	17.8
10	24.3	23.6	23.9	20.9	19.4	20.1	18.7	17.6	18.0	18.8	17.2	18.0
11	25.8	23.8	24.5	21.0	19.7	20.5	17.7	15.4	16.3	19.6	17.6	18.6
12	25.7	24.5	25.1	20.8	19.5	20.2	16.4	14.9	15.6	20.5	18.8	19.5
13	25.5	23.5	24.4	20.4	18.5	19.0	17.0	15.3	15.8	20.0	18.9	19.7
14	24.5	23.2	24.0	19.0	18.2	18.6	15.7	12.4	14.3	19.0	16.5	17.9
15	23.4	21.0	22.4	18.8	18.0	18.3	13.2	11.8	12.5	16.5	15.3	15.7
16	23.9	21.4	22.4	19.1	17.6	18.2	12.9	11.2	12.1	15.6	13.9	14.7
17	25.4	22.2	23.6	19.4	17.9	18.5	12.6	12.1	12.4	14.5	10.7	12.3
18	25.7	23.9	24.6	18.9	18.4	18.6	12.7	12.4	12.6	12.1	8.9	10.5
19	26.8	24.9	25.5	20.2	18.6	19.2	12.6	11.7	12.5	11.2	9.1	10.3
20	27.8	26.0	26.5	20.0	19.7	19.8	12.5	9.8	11.2	12.6	10.3	11.5
21	28.0	26.6	27.2	20.2	19.8	19.9	12.5	11.0	11.7	14.1	11.7	12.7
22	28.0	27.1	27.4	21.2	19.9	20.5	14.4	12.2	13.2	15.4	13.1	14.1
23	27.4	26.4	27.2	22.8	20.3	21.4	14.3	11.5	12.6	14.0	9.5	11.6
24	26.7	26.2	26.4	22.2	20.6	21.7	11.5	8.3	9.7	11.1	9.3	10.4
25	26.7	26.0	26.3	20.6	18.1	18.9	8.4	6.4	7.5	12.3	9.9	10.9
26	27.7	26.3	26.7	18.1	16.8	17.4	8.2	6.4	7.1	14.1	11.3	12.4
27	27.6	26.7	27.0	17.8	16.9	17.2	9.3	6.9	8.0	14.0	12.2	13.2
28	27.9	26.0	26.9	17.6	16.7	17.2	10.4	7.6	9.0	13.2	11.9	12.5
29	27.9	25.9	26.9	17.9	16.1	17.0	11.6	9.1	10.2	13.3	11.9	12.5
30	28.0	26.1	26.9	19.2	17.4	18.1	13.1	10.4	11.7	13.5	12.8	13.1
31	27.8	26.4	27.0	---	---	---	14.4	12.2	13.1	13.5	12.8	13.2

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	12.5	12.7	16.1	14.7	15.6	---	---	---	22.5	20.3	21.2
2	13.3	12.4	12.9	16.0	12.8	14.2	---	---	---	21.4	20.0	20.6
3	13.4	12.5	13.0	14.3	13.1	13.9	---	---	---	21.2	19.6	20.3
4	13.5	11.9	12.7	15.2	12.8	14.1	---	---	---	20.8	20.1	20.4
5	13.5	11.5	12.5	16.4	13.9	15.1	---	---	---	20.8	20.1	20.6
6	13.5	12.2	12.9	16.2	14.9	15.7	21.3	19.2	20.6	21.9	20.3	21.1
7	14.7	13.1	13.9	17.5	15.2	16.3	19.8	18.7	19.2	23.3	21.4	22.1
8	15.6	14.5	15.0	17.8	15.9	16.9	20.0	19.3	19.6	24.7	22.3	23.3
9	16.8	15.6	16.1	17.2	15.5	16.5	21.1	19.1	19.9	24.8	22.6	23.7
10	16.6	14.9	15.6	16.9	15.0	16.0	21.6	20.1	20.7	25.7	23.4	24.4
11	15.1	13.5	14.5	16.8	15.6	16.2	21.9	20.9	21.4	26.7	24.4	25.5
12	14.7	14.1	14.5	17.3	15.5	16.3	22.3	21.0	21.5	27.2	25.2	26.3
13	14.8	14.0	14.3	18.5	16.5	17.2	21.7	20.2	21.1	27.4	25.7	26.7
14	15.3	14.7	14.9	18.5	17.6	18.2	21.4	19.4	20.4	27.8	26.1	27.0
15	16.4	15.3	15.7	18.5	16.7	17.3	21.1	18.7	19.9	27.6	26.8	27.3
16	18.0	15.7	17.0	17.2	16.5	16.9	21.2	19.3	20.5	27.6	25.4	26.6
17	17.9	16.8	17.4	16.5	14.8	15.4	21.7	20.1	21.0	27.1	25.6	26.2
18	16.8	15.3	16.2	15.6	14.0	14.9	21.8	20.8	21.4	26.8	26.1	26.5
19	16.3	14.8	15.7	16.4	14.9	15.4	22.8	21.5	22.0	28.2	26.5	27.3
20	16.6	15.4	16.0	16.8	15.5	16.3	23.3	22.0	22.3	28.3	---	---
21	18.0	16.2	16.9	18.5	16.4	17.3	23.9	22.3	23.0	29.6	---	28.4
22	19.8	17.1	18.2	20.0	17.9	18.6	24.9	23.4	23.9	29.7	28.0	28.8
23	19.6	18.3	19.0	20.3	18.4	19.3	24.6	23.2	23.8	30.2	27.9	29.0
24	19.2	18.2	18.7	20.6	18.6	19.4	23.3	20.7	22.1	30.8	28.1	29.4
25	18.4	17.1	17.9	21.5	19.7	20.4	22.6	19.8	20.8	30.7	27.9	29.3
26	18.2	16.1	17.0	21.6	21.2	21.5	22.0	19.4	20.5	29.9	26.8	28.2
27	16.7	15.8	16.3	22.0	20.8	21.6	22.9	20.0	21.3	29.2	26.6	28.0
28	16.4	15.6	16.0	20.8	18.5	19.6	23.1	20.9	22.2	29.0	26.9	28.2
29	---	---	---	20.4	18.2	19.4	23.8	21.7	22.9	28.7	26.4	27.3
30	---	---	---	20.3	19.1	19.8	23.9	22.5	23.5	27.0	25.4	26.1
31	---	---	---	---	20.2	---	---	---	---	26.7	25.6	26.1
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.2	26.1	26.3	30.8	29.4	30.1	30.7	29.9	30.3	---	---	---
2	27.4	26.3	26.8	31.3	29.5	30.3	30.1	29.3	29.6	---	---	---
3	28.8	27.0	27.6	31.7	29.6	30.4	30.1	28.6	29.2	---	---	---
4	29.6	27.8	28.6	32.2	29.7	30.8	29.8	28.5	28.9	---	---	---
5	30.3	28.6	29.4	31.5	29.5	30.2	29.2	27.4	28.3	---	---	---
6	30.1	28.3	29.0	29.5	25.5	27.2	29.1	27.5	28.3	---	---	---
7	29.8	27.1	28.4	26.7	25.3	25.8	30.0	27.8	28.7	---	---	---
8	30.5	28.0	29.2	28.5	26.3	27.3	30.1	28.7	29.2	---	---	---
9	30.6	28.5	29.6	29.3	27.5	28.3	29.9	29.3	29.6	---	---	---
10	30.5	28.8	29.3	29.1	26.3	27.4	30.4	29.6	29.8	---	---	---
11	29.2	27.2	27.7	28.2	25.7	26.7	30.7	29.5	29.9	---	---	---
12	28.4	26.3	27.2	29.4	27.3	28.0	31.1	29.9	30.4	---	---	---
13	29.3	27.8	28.3	29.6	28.3	28.9	32.5	30.3	30.9	---	---	---
14	30.1	28.7	29.1	29.6	29.1	29.4	32.8	31.3	31.7	---	---	---
15	30.6	29.3	29.6	29.8	28.8	---	---	---	---	29.7	28.0	28.8
16	30.7	29.6	30.1	30.8	28.8	29.5	---	---	---	29.7	28.0	28.9
17	31.2	30.4	30.7	31.6	29.7	30.5	---	---	---	30.5	28.3	29.2
18	30.8	29.7	30.1	31.7	30.3	31.0	32.6	30.8	31.7	30.7	29.1	29.7
19	30.8	28.7	29.8	31.8	30.4	31.1	33.0	31.0	31.9	31.8	29.5	30.2
20	30.5	28.4	29.4	31.9	30.3	31.1	33.2	31.2	32.1	32.3	29.9	30.8
21	30.2	28.3	29.2	32.1	30.4	31.3	32.8	31.4	32.2	31.4	29.7	30.6
22	30.6	28.2	29.3	32.2	30.0	31.1	32.4	31.0	31.6	30.5	29.2	30.1
23	30.8	28.6	29.7	32.1	30.7	31.4	32.6	31.3	31.9	29.2	28.0	28.7
24	30.7	28.9	29.9	32.1	30.6	31.3	32.5	31.6	32.1	28.9	27.8	28.3
25	30.4	28.4	29.5	32.3	31.0	31.6	32.7	31.1	31.7	29.6	28.0	28.7
26	30.3	28.3	29.4	32.2	31.6	31.9	32.6	31.3	31.7	29.8	28.6	29.1
27	30.0	28.9	29.3	32.5	31.5	31.8	32.5	31.1	31.8	30.4	28.5	29.4
28	30.5	29.3	29.8	32.4	31.3	31.8	32.2	30.4	31.3	29.9	28.2	29.2
29	30.5	29.6	30.1	31.8	30.6	31.1	---	---	---	30.1	28.1	29.1
30	30.2	29.3	29.7	31.0	30.2	30.7	---	---	---	30.1	27.8	29.0
31	---	---	---	31.1	29.3	30.1	---	---	---	---	---	---

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: Oct. 22-26 and May 10-26. 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. 2	1630	7,860	18.71	May 1	2330	11,500	22.43
Apr. 3	0115	14,300	24.88	Jul. 6	1130	4,010	13.84
Apr. 12	1130	4,070	13.92	Aug. 29	2130	*16,500	*26.33

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	98	779	208	2350	381	9220	9650	2800	87	168	9680
2	72	120	700	205	6250	326	13700	7400	1130	148	470	2490
3	70	2370	467	200	4340	323	10800	1510	642	98	334	1350
4	71	2320	376	195	2040	407	2140	786	432	86	375	971
5	104	943	367	189	1200	391	1150	553	296	93	249	734
6	96	410	652	186	829	327	1090	438	264	2390	210	601
7	90	282	720	191	670	297	1610	367	255	1440	200	513
8	86	227	1030	634	625	394	947	321	236	1010	147	449
9	99	193	999	1220	658	419	666	286	447	968	126	394
10	273	172	1030	697	719	325	531	e252	315	882	185	357
11	729	269	604	465	601	285	454	e231	295	752	150	328
12	535	451	419	420	500	259	3170	e201	266	507	162	300
13	285	393	339	435	437	243	2700	e192	210	386	136	275
14	197	279	287	1400	593	234	1360	e174	171	407	113	256
15	161	225	253	1130	819	247	740	e165	147	417	101	241
16	140	198	232	644	598	1250	493	e148	130	391	92	229
17	124	178	222	448	479	1180	395	e140	116	369	97	237
18	118	165	221	359	397	631	335	e133	126	259	95	277
19	121	163	212	316	349	435	298	e125	147	236	92	231
20	140	202	202	295	325	355	273	e122	121	193	92	209
21	154	591	195	287	315	328	255	e118	114	196	97	197
22	e163	528	193	278	312	335	240	e115	133	525	110	198
23	e165	359	568	262	310	483	222	e111	115	281	756	330
24	e163	1060	803	246	409	402	207	e110	100	217	813	599
25	e157	2500	467	232	574	317	195	e107	94	159	465	417
26	e147	1230	348	223	555	278	490	e104	89	147	368	332
27	128	771	290	219	435	284	500	100	83	225	278	278
28	115	919	252	214	419	313	391	96	83	223	166	237
29	105	630	229	237	---	273	263	178	81	258	7900	210
30	102	460	219	308	---	244	2090	896	80	182	15300	189
31	100	---	213	279	---	320	---	2480	---	144	15000	---
TOTAL	5084	18706	13888	12622	28108	12286	56925	27609	9518	13676	44847	23109
MEAN	164	624	448	407	1004	396	1898	891	317	441	1447	770
MAX	729	2500	1030	1400	6250	1250	13700	9650	2800	2390	15300	9680
MIN	70	98	193	186	310	234	195	96	80	86	92	189
MED	124	376	348	279	584	326	516	178	147	258	168	314
CFSM	0.53	2.02	1.45	1.32	3.26	1.29	6.16	2.89	1.03	1.43	4.70	2.50
IN.	0.61	2.26	1.68	1.52	3.39	1.48	6.88	3.33	1.15	1.65	5.42	2.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	254	400	622	952	1035	1037	926	663	384	454	416	459
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	232860		266378			
ANNUAL MEAN	636		730		630	
HIGHEST ANNUAL MEAN					943	1980
LOWEST ANNUAL MEAN					73.0	2000
HIGHEST DAILY MEAN	7620	May 14	15300	Aug 30	18700	May 10 1995
LOWEST DAILY MEAN	70	Oct 3	70	Oct 3	11	Jul 15 2000
ANNUAL SEVEN-DAY MINIMUM	75	Sep 28	82	Oct 1	11	Oct 29 2000
MAXIMUM PEAK FLOW			16500	Aug 29	24500	May 10 1995
MAXIMUM PEAK STAGE			26.33	Aug 29	28.85a	May 10 1995
ANNUAL RUNOFF (CFSM)	2.07		2.37		2.05	
ANNUAL RUNOFF (INCHES)	28.12		32.17		27.80	
10 PERCENT EXCEEDS	1500		1140		1450	
50 PERCENT EXCEEDS	286		286		271	
90 PERCENT EXCEEDS	108		110		75	

e Estimated
a To present datum.

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 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Nov. 25-30, Dec. 1-2, Jun. 30, Jul. 1-5, Aug. 30-31 and Sept. 1-6. Records good except for estimated daily discharges, which are poor. Telemeter and satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 70,600 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)
Dec. 11	0100	11,100	16.33	Apr. 9	0330	4,210	14.07
Sep. 1	1100	[a]*14,000	*17.05				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	221	e3300	176	478	1100	641	280	1120	e45	588	e6200
2	25	242	e2850	165	794	1030	692	429	2900	e44	564	e5350
3	20	329	2470	158	1420	911	741	473	2830	e45	712	e4000
4	24	443	1930	148	2810	791	836	365	2050	e46	843	e2900
5	29	423	1520	141	2860	682	820	275	1460	e47	740	e2050
6	35	544	1380	143	2500	590	862	236	1100	57	541	e1450
7	40	1020	1710	158	2000	546	1840	212	818	61	376	975
8	37	1190	3390	301	2090	956	3240	179	570	99	274	750
9	39	930	6080	401	2490	1430	3920	143	376	94	204	576
10	45	674	10000	527	2600	2200	2800	148	262	88	186	445
11	61	459	10400	594	2510	2060	1970	148	199	266	179	338
12	79	322	7360	594	2200	1860	1930	140	390	372	140	248
13	102	258	4270	640	1790	1450	2060	124	660	465	145	182
14	124	219	2690	902	1690	1100	2540	101	3320	593	182	129
15	98	184	1890	1190	1510	843	2270	113	2860	914	195	98
16	73	155	1420	1690	1480	717	1780	160	1780	1080	203	80
17	62	134	1110	1600	1340	636	1420	190	1230	1130	193	68
18	53	112	889	1350	1160	584	1130	170	883	1280	156	61
19	52	93	704	1120	968	545	882	134	606	1200	110	54
20	120	86	546	908	849	521	681	107	379	986	82	48
21	130	264	435	733	1120	533	513	94	222	764	68	42
22	168	722	354	585	1330	620	379	81	130	653	65	35
23	194	1300	307	476	1620	871	303	70	88	595	62	31
24	198	3150	283	390	1560	1050	254	61	70	517	59	30
25	193	e3500	273	327	1600	1130	209	51	58	397	58	38
26	223	e3800	263	289	1670	863	190	45	51	297	54	65
27	258	e4000	247	260	1390	711	224	39	49	233	49	138
28	273	e4100	231	239	1210	591	223	31	45	180	43	265
29	239	e3800	216	262	---	557	228	131	49	143	129	305
30	188	e3600	205	323	---	533	233	298	e46	240	e1300	258
31	179	---	191	424	---	558	---	404	---	483	e3900	---
TOTAL	3393	36274	68914	17214	47039	28569	35811	5432	26601	13414	12400	27209
MEAN	109	1209	2223	555	1680	922	1194	175	887	433	400	907
MAX	273	4100	10400	1690	2860	2200	3920	473	3320	1280	3900	6200
MIN	20	86	191	141	478	521	190	31	45	44	43	30
CFSM	0.21	2.33	4.28	1.07	3.23	1.77	2.30	0.34	1.71	0.83	0.77	1.74
IN.	0.24	2.59	4.93	1.23	3.37	2.04	2.56	0.39	1.90	0.96	0.89	1.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	134	416	925	1232	1710	1277	1176	560	283	201	105	94.8
MAX	1450	1326	3408	3099	3727	3149	3686	4021	1148	906	483	907
(WY)	2003	2003	1983	1990	2003	1983	1983	1983	1997	1989	2003	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	314846		322270			
ANNUAL MEAN	860		883		682	
HIGHEST ANNUAL MEAN					1732	1983
LOWEST ANNUAL MEAN					141	1988
HIGHEST DAILY MEAN	15100	Feb 7	10400	Dec 11	34600	May 21 1983
LOWEST DAILY MEAN	15	Aug 21	20	Oct 3	0.29	Sep 20 2000
ANNUAL SEVEN-DAY MINIMUM	21	Aug 17	29	Oct 1	0.36	Sep 1 2000
MAXIMUM PEAK FLOW			14000a	Sep 1	37800	May 21 1983
MAXIMUM PEAK STAGE			17.05	Sep 1	19.77	May 21 1983
ANNUAL RUNOFF (CFSM)	1.65		1.70		1.31	
ANNUAL RUNOFF (INCHES)	22.52		23.05		17.83	
10 PERCENT EXCEEDS	2270		2350		1700	
50 PERCENT EXCEEDS	299		401		183	
90 PERCENT EXCEEDS	44		56		4.9	

e Estimated
a Maximum discharge observed.

02481880 PEARL RIVER AT BURNSIDE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.10	7.96	---	7.58	9.84	11.78	11.57	8.54	11.83	---	10.05	---
2	4.92	8.19	---	7.45	11.01	11.65	11.65	9.71	13.44	---	9.92	---
3	4.81	8.94	13.20	7.36	12.19	11.41	11.71	9.98	13.41	---	10.48	---
4	4.90	9.81	12.85	7.22	13.33	11.10	11.89	9.26	12.93	---	10.90	---
5	5.01	9.68	12.51	7.13	13.36	10.75	11.74	8.50	12.43	---	10.61	---
6	5.16	10.34	12.35	7.14	13.14	10.39	11.72	8.12	11.96	5.42	9.84	---
7	5.26	11.78	12.68	7.32	12.79	10.18	12.91	7.86	11.35	5.48	8.88	12.00
8	5.21	12.10	13.67	8.78	12.85	11.47	13.68	7.50	10.47	6.13	8.04	11.44
9	5.25	11.63	14.76	9.59	13.13	12.19	13.94	7.03	9.34	6.07	7.36	10.79
10	5.39	10.90	16.02	10.34	13.20	12.93	13.39	7.10	8.37	5.95	7.18	10.08
11	5.71	9.89	16.13	10.65	13.15	12.84	12.88	7.11	7.73	8.06	7.12	9.33
12	6.04	8.93	15.19	10.64	12.94	12.67	12.86	7.00	9.38	9.05	6.64	8.50
13	6.44	8.34	14.08	10.79	12.62	12.27	12.94	6.78	10.72	9.65	6.74	7.79
14	6.77	7.94	13.33	11.60	12.53	11.77	13.25	6.42	13.64	10.27	7.22	7.11
15	6.37	7.54	12.83	12.08	12.35	11.24	13.08	6.61	13.42	11.27	7.40	6.64
16	5.95	7.19	12.42	12.67	12.31	10.87	12.74	7.26	12.73	11.61	7.52	6.32
17	5.73	6.92	12.02	12.58	12.13	10.59	12.40	7.62	12.15	11.66	7.43	6.11
18	5.54	6.59	11.58	12.30	11.86	10.37	12.01	7.39	11.52	11.87	7.01	5.96
19	5.52	6.30	11.06	11.95	11.53	10.18	11.53	6.91	10.62	11.75	6.39	5.82
20	6.71	6.17	10.42	11.54	11.26	10.06	10.93	6.52	9.35	11.37	5.95	5.70
21	6.86	8.04	9.81	11.04	11.80	10.14	10.20	6.31	7.95	10.81	5.71	5.57
22	7.36	11.06	9.25	10.48	12.11	10.56	9.37	6.08	6.82	10.44	5.67	5.42
23	7.66	12.17	8.87	9.92	12.46	11.42	8.76	5.88	6.17	10.19	5.65	5.32
24	7.71	13.57	8.66	9.37	12.41	11.84	8.29	5.70	5.82	9.80	5.59	5.29
25	7.66	---	8.57	8.87	12.44	12.09	7.83	5.51	5.58	9.05	5.60	5.48
26	7.98	---	8.48	8.52	12.51	11.91	7.61	5.37	5.43	8.25	5.54	6.01
27	8.34	---	8.32	8.24	12.19	11.84	8.00	5.24	5.37	7.62	5.47	7.17
28	8.49	---	8.16	8.02	11.93	11.71	7.99	5.07	5.27	7.02	5.36	8.63
29	8.14	---	8.01	8.23	---	11.51	8.04	6.66	5.35	6.55	6.37	9.01
30	7.60	---	7.90	8.77	---	11.29	8.09	8.71	---	7.60	---	8.57
31	7.50	---	7.74	9.52	---	11.31	---	9.50	---	9.50	---	---
MEAN	6.36	---	---	9.60	12.33	11.37	11.10	7.20	---	---	---	---
MAX	8.49	---	---	12.67	13.36	12.93	13.94	9.98	---	---	---	---
MIN	4.81	---	---	7.13	9.84	10.06	7.61	5.07	---	---	---	---

02482000 PEARL RIVER AT EDINBURG, MS

LOCATION.--Lat 32°47'56", long 89°20'06", 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.--Estimated daily discharges: July 3-5. Records good except for estimated daily discharges, which are poor. 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)
Nov. 29	1945	5,430	19.64	Apr. 12	0915	5,660	20.03
Dec. 12	0600	*14,800	*24.64	Sep. 3	1130	11,500	23.81

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	220	5200	398	840	2120	1610	528	1710	76	475	4460
2	60	222	4770	381	2090	1880	1830	519	1660	67	629	8510
3	53	572	4320	364	2270	1640	2050	575	1650	e65	659	11300
4	46	634	3860	350	2980	1470	2020	626	2390	e63	646	9580
5	41	884	3390	341	3050	1330	1730	601	3100	e59	694	7060
6	37	1030	3100	349	3260	1190	1980	500	2890	55	750	5620
7	34	842	3910	377	3590	1200	3130	407	2250	59	724	4490
8	33	737	3830	719	4300	2100	3370	354	1640	95	598	3150
9	34	802	5630	789	4360	2000	4410	318	1240	197	443	1840
10	43	889	8430	959	4450	2320	4940	300	931	358	332	1150
11	103	925	13100	975	4390	2230	5120	292	640	450	284	810
12	168	905	14300	947	4200	2460	5540	279	506	582	272	573
13	166	715	12100	1370	3850	2550	5130	267	617	835	241	398
14	146	519	8950	1760	3650	2350	5020	250	876	810	219	280
15	158	396	6570	1850	3260	2010	4670	264	1030	693	230	209
16	151	315	5390	2120	3070	1830	4250	271	1790	715	248	163
17	123	266	4280	1960	2710	1600	3730	272	2690	798	255	143
18	101	235	3040	1930	2270	1410	3010	295	2500	845	258	126
19	97	214	2090	1990	1940	1230	2310	296	1860	878	249	113
20	193	195	1600	1870	1790	1100	1810	265	1320	911	228	102
21	237	771	1300	1660	2170	1110	1460	233	916	958	200	94
22	246	1140	1060	1440	2040	1450	1180	214	561	930	163	89
23	236	1750	873	1210	1960	1710	917	200	320	801	144	83
24	252	2540	720	983	2170	1850	688	177	203	678	138	80
25	298	2640	627	806	2270	1990	533	155	150	581	130	114
26	290	3200	568	657	2270	1820	539	138	122	479	125	254
27	283	4400	526	561	2170	1900	603	124	104	361	121	243
28	290	5080	492	498	2230	1880	605	114	93	271	116	240
29	300	5350	461	538	---	1990	547	379	101	219	416	280
30	291	5370	435	581	---	1850	510	669	84	229	2580	320
31	255	---	417	666	---	1670	---	1270	---	272	2220	---
TOTAL	4834	43758	125339	31399	79600	55240	75242	11152	35944	14390	14787	61874
MEAN	156	1459	4043	1013	2843	1782	2508	360	1198	464	477	2062
MAX	300	5370	14300	2120	4450	2550	5540	1270	3100	958	2580	11300
MIN	33	195	417	341	840	1100	510	114	84	55	116	80
CFSM	0.17	1.61	4.47	1.12	3.14	1.97	2.77	0.40	1.33	0.51	0.53	2.28
IN.	0.20	1.80	5.16	1.29	3.28	2.27	3.10	0.46	1.48	0.59	0.61	2.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	210	476	1318	2113	2690	2640	2369	1141	388	410	236	190
MAX	2480	2702	8019	7148	7476	7188	10670	7632	1914	3830	1994	2062
(WY)	1976	1978	1962	1974	1983	1976	1979	1983	1939	1940	1975	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	555672		553559			
ANNUAL MEAN	1518		1517		1174	
HIGHEST ANNUAL MEAN					3368	1983
LOWEST ANNUAL MEAN					236	1963
HIGHEST DAILY MEAN	18300	Feb 9	14300	Dec 12	73500	Apr 14 1979
LOWEST DAILY MEAN	33	Oct 8	33	Oct 8	1.3	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	38	Oct 4	38	Oct 4	1.4	Sep 2 2000
MAXIMUM PEAK FLOW			14800	Dec 12	77900	Apr 14 1979
MAXIMUM PEAK STAGE			24.64	Dec 12	30.06	Apr 14 1979
INSTANTANEOUS LOW FLOW			32	Oct 8	1.2	Sep 5 2000
ANNUAL RUNOFF (CFSM)	1.68		1.68		1.30	
ANNUAL RUNOFF (INCHES)	22.87		22.78		17.64	
10 PERCENT EXCEEDS	4220		4030		3100	
50 PERCENT EXCEEDS	610		724		347	
90 PERCENT EXCEEDS	97		123		26	

e Estimated

02482000 PEARL RIVER AT EDINBURG, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.75	4.36	19.24	6.01	8.42	12.79	11.31	6.83	11.60	2.95	6.03	17.86
2	2.61	4.38	18.50	5.89	12.64	12.13	11.98	6.78	11.46	2.82	6.78	22.44
3	2.50	6.61	17.68	5.77	13.19	11.40	12.59	7.09	11.42	---	6.80	23.74
4	2.38	7.18	16.79	5.67	14.93	10.83	12.52	7.38	13.48	---	6.71	23.21
5	2.28	8.37	15.82	5.60	15.08	10.36	11.66	7.22	15.19	---	6.96	21.89
6	2.19	8.99	15.20	5.66	15.55	9.85	12.29	6.61	14.73	2.64	7.23	20.31
7	2.13	8.18	16.87	5.86	16.24	9.84	15.26	5.99	13.13	2.70	7.10	18.47
8	2.10	7.70	16.72	7.83	17.63	12.74	15.77	5.59	11.39	3.18	6.45	15.87
9	2.13	8.01	19.83	8.18	17.73	12.46	17.84	5.30	10.05	4.35	5.53	12.56
10	2.29	8.40	22.48	8.94	17.91	13.33	18.80	5.13	8.81	5.72	4.76	10.23
11	3.15	8.56	24.21	9.01	17.80	13.10	19.10	5.03	7.44	6.35	4.39	8.79
12	3.91	8.47	24.52	8.89	17.44	13.68	19.82	4.91	6.70	7.12	4.29	7.55
13	3.88	7.58	23.97	10.37	16.77	13.91	19.13	4.78	7.31	8.40	4.02	6.43
14	3.64	6.53	22.78	11.75	16.37	13.41	18.94	4.60	8.58	8.28	3.81	5.52
15	3.78	5.75	21.22	12.03	15.56	12.50	18.32	4.70	9.22	7.72	3.92	4.84
16	3.70	5.16	19.57	12.81	15.14	11.97	17.54	4.73	11.80	7.83	4.08	4.35
17	3.36	4.76	17.58	12.36	14.31	11.28	16.52	4.70	14.26	8.23	4.15	4.10
18	3.08	4.50	15.04	12.27	13.20	10.65	14.98	4.87	13.79	8.44	4.17	3.84
19	3.02	4.30	12.69	12.43	12.29	10.00	13.29	4.88	12.05	8.59	4.09	3.64
20	4.13	4.11	11.27	12.11	11.84	9.50	11.91	4.62	10.30	8.74	3.90	3.47
21	4.54	7.30	10.27	11.46	12.93	9.54	10.81	4.33	8.74	8.94	3.63	3.33
22	4.63	9.40	9.35	10.74	12.58	10.68	9.81	4.16	7.00	8.82	3.26	3.22
23	4.52	11.61	8.57	9.92	12.35	11.60	8.76	4.02	5.43	8.24	3.05	3.11
24	4.66	13.81	7.85	9.04	12.93	12.04	7.69	3.80	4.43	7.64	2.98	3.02
25	5.05	14.10	7.38	8.26	13.21	12.44	6.85	3.56	3.89	7.13	2.88	3.45
26	4.99	15.39	7.06	7.54	13.21	11.94	6.87	3.37	3.55	6.53	2.82	4.90
27	4.93	17.79	6.81	7.02	12.93	12.18	7.25	3.20	3.33	5.75	2.77	4.80
28	4.99	19.04	6.61	6.65	13.09	12.12	7.26	3.08	3.19	5.05	2.71	4.78
29	5.06	19.51	6.42	6.88	---	12.44	6.94	5.29	3.29	4.57	4.45	5.12
30	4.98	19.55	6.26	7.13	---	12.03	6.72	7.35	3.06	4.53	13.81	5.44
31	4.68	---	6.14	7.57	---	11.50	---	10.00	---	4.74	12.83	---
MEAN	3.61	9.31	14.67	8.76	14.40	11.75	12.95	5.29	8.95	---	5.17	9.34
MAX	5.06	19.55	24.52	12.81	17.91	13.91	19.82	10.00	15.19	---	13.81	23.74
MIN	2.10	4.11	6.14	5.60	8.42	9.50	6.72	3.08	3.06	---	2.71	3.02

02482550 PEARL RIVER NEAR CARTHAGE, MS

LOCATION.--Lat 32°42'26", 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.--Estimated daily discharges: July 14-28. Records good except for estimated daily discharges, which are poor. 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)
Dec. 13	1745	*15,900	*22.09	Sep. 5	1045	12,200	20.11
Apr. 12	1945	8,270	18.46				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	179	366	6320	815	1530	3160	2120	1190	2320	266	759	4610
2	165	333	6220	778	3000	2920	2380	1300	2490	255	956	5300
3	155	584	5770	744	3690	2510	2520	1280	2380	246	1010	7060
4	147	868	5150	709	3820	2180	2570	1190	2400	262	876	10200
5	140	895	4570	684	4110	1960	2400	1040	2840	261	826	11800
6	133	1110	4330	684	4230	1790	2660	918	2980	252	859	10700
7	128	1100	5930	718	4440	1820	4860	790	2730	242	879	8270
8	124	914	6710	1200	5630	3220	4520	697	2210	244	815	6180
9	124	862	9430	1790	6100	3130	4550	633	1730	283	688	4380
10	135	915	12200	1900	6100	3050	5070	583	1410	408	561	2740
11	183	974	13700	1910	5840	3040	5650	570	1140	632	474	1860
12	237	1010	14700	1840	5610	2950	7720	563	918	742	441	1410
13	299	951	15400	2190	5340	2940	8140	537	857	978	424	1100
14	295	778	14700	3290	5240	2800	7930	505	1010	e1320	388	874
15	266	631	12400	3190	4790	2570	7510	505	1180	e1270	363	718
16	265	526	9570	3160	4170	2410	7000	487	1370	e1050	371	629
17	251	453	7090	3140	3770	2290	6110	472	2010	e1140	379	586
18	222	402	5320	3000	3440	2080	5030	502	2400	e1250	385	506
19	199	369	3850	2930	2800	1880	3790	500	2250	e1310	386	455
20	285	345	2780	2740	2500	1740	2810	471	1780	e1370	372	414
21	471	765	2230	2340	3040	1740	2260	431	1350	e1430	355	379
22	398	1580	1890	2060	3330	2120	1900	396	1010	e1470	330	350
23	370	2110	1650	1820	3110	2740	1590	368	709	e1420	325	324
24	365	2910	1460	1580	3340	2620	1310	346	521	e1280	402	303
25	401	3440	1310	1360	3490	2620	1080	320	417	e1120	375	307
26	469	3540	1190	1180	3410	2540	1020	294	355	e950	296	467
27	483	4250	1090	1040	3210	2590	1150	274	315	e810	276	658
28	497	5200	1000	951	3180	2450	1090	257	294	e650	264	698
29	474	5700	936	948	---	2370	1030	753	352	533	611	688
30	444	6010	913	1060	---	2330	968	1120	285	497	3860	671
31	430	---	862	1220	---	2160	---	1670	---	664	4270	---
TOTAL	8734	49891	180671	52971	112260	76720	108738	20962	44013	24605	23576	84637
MEAN	282	1663	5828	1709	4009	2475	3625	676	1467	794	761	2821
MAX	497	6010	15400	3290	6100	3220	8140	1670	2980	1470	4270	11800
MIN	124	333	862	684	1530	1740	968	257	285	242	264	303
CFSM	0.21	1.24	4.33	1.27	2.98	1.84	2.69	0.50	1.09	0.59	0.57	2.10
IN.	0.24	1.38	4.99	1.46	3.10	2.12	3.01	0.58	1.22	0.68	0.65	2.34
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2005, BY WATER YEAR (WY)												
MEAN	461	815	2222	3514	4029	4158	4045	1973	762	583	436	420
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1963 - 2005	
ANNUAL TOTAL	788919		787778			
ANNUAL MEAN	2156		2158		1941	
HIGHEST ANNUAL MEAN					5247	1983
LOWEST ANNUAL MEAN					422	1963
HIGHEST DAILY MEAN	20700	Feb 10	15400	Dec 13	93800	Apr 14 1979
LOWEST DAILY MEAN	124	Oct 8	124	Oct 8	32	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	133	Oct 4	133	Oct 4	33	Oct 24 1963
MAXIMUM PEAK FLOW			15900	Dec 13	102000	Apr 14 1979
MAXIMUM PEAK STAGE			22.09	Dec 13	28.74	Apr 14 1979
INSTANTANEOUS LOW FLOW			122	Oct 8-9	31	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.60		1.60		1.44	
ANNUAL RUNOFF (INCHES)	21.80		21.77		19.59	
10 PERCENT EXCEEDS	5440		5310		5040	
50 PERCENT EXCEEDS	1030		1180		700	
90 PERCENT EXCEEDS	237		298		105	

e Estimated

02482550 PEARL RIVER NEAR CARTHAGE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.07	5.38	16.87	7.61	9.58	12.97	11.04	8.75	11.46	4.63	6.75	14.56
2	3.95	5.18	16.77	7.49	12.60	12.54	11.57	9.07	11.78	4.54	7.45	15.32
3	3.86	6.38	16.32	7.37	13.80	11.78	11.84	9.02	11.56	4.47	7.60	16.96
4	3.78	7.59	15.68	7.24	14.00	11.13	11.94	8.74	11.60	4.57	7.16	19.06
5	3.71	7.69	15.01	7.14	14.44	10.66	11.62	8.28	12.42	4.55	6.99	19.94
6	3.65	8.40	14.72	7.12	14.60	10.26	12.01	7.88	12.68	4.48	7.10	19.34
7	3.59	8.36	16.47	7.23	14.86	10.29	15.41	7.43	12.22	4.40	7.17	17.84
8	3.55	7.76	17.24	8.78	16.18	13.08	15.02	7.07	11.19	4.40	6.94	16.14
9	3.55	7.57	19.10	10.35	16.66	12.93	15.05	6.80	10.10	4.66	6.45	14.18
10	3.66	7.76	20.65	10.58	16.66	12.79	15.65	6.59	9.30	5.39	5.91	11.62
11	4.11	7.96	21.31	10.57	16.41	12.78	16.25	6.53	8.51	6.46	5.49	9.86
12	4.54	8.09	21.71	10.39	16.18	12.63	18.06	6.50	7.80	6.90	5.33	8.78
13	4.97	7.88	21.97	11.06	15.90	12.60	18.37	6.38	7.59	7.72	5.24	7.91
14	4.94	7.26	21.70	13.16	15.79	12.35	18.22	6.23	8.09	---	5.04	7.19
15	4.74	6.68	20.74	12.98	15.28	11.91	17.92	6.24	8.64	---	4.90	6.64
16	4.74	6.21	19.26	12.94	14.53	11.61	17.52	6.15	9.16	---	4.94	6.31
17	4.64	5.85	17.55	12.90	13.95	11.36	16.71	6.08	10.72	---	4.99	6.15
18	4.42	5.58	15.89	12.66	13.42	10.91	15.60	6.23	11.55	---	5.02	5.81
19	4.25	5.39	14.09	12.53	12.32	10.48	14.02	6.21	11.22	---	5.03	5.59
20	4.81	5.25	12.33	12.19	11.75	10.15	12.41	6.06	10.17	---	4.95	5.41
21	5.94	6.98	11.26	11.41	12.74	10.16	11.35	5.85	9.09	---	4.86	5.24
22	5.56	9.70	10.54	10.84	13.24	10.99	10.56	5.66	8.03	---	4.70	5.11
23	5.40	10.93	9.98	10.28	12.87	12.24	9.82	5.50	6.96	---	4.67	4.98
24	5.37	12.48	9.52	9.70	13.27	12.02	9.08	5.37	6.14	---	5.12	4.88
25	5.57	13.40	9.12	9.12	13.52	12.02	8.41	5.20	5.61	---	4.96	4.93
26	5.93	13.57	8.77	8.60	13.39	11.88	8.22	5.04	5.25	---	4.48	5.85
27	6.00	14.56	8.48	8.19	13.06	11.97	8.61	4.89	5.00	---	4.35	6.76
28	6.07	15.73	8.22	7.88	13.00	11.71	8.43	4.77	4.85	---	4.27	6.96
29	5.95	16.26	8.01	7.87	---	11.54	8.24	7.13	5.19	5.83	5.50	6.95
30	5.80	16.57	7.94	8.23	---	11.47	8.05	8.49	4.77	5.65	13.59	6.91
31	5.73	---	7.77	8.72	---	11.11	---	9.97	---	6.39	14.16	---
MEAN	4.74	8.95	14.68	9.78	14.07	11.69	12.90	6.78	8.96	---	6.16	9.77
MAX	6.07	16.57	21.97	13.16	16.66	13.08	18.37	9.97	12.68	---	14.16	19.94
MIN	3.55	5.18	7.77	7.12	9.58	10.15	8.05	4.77	4.77	---	4.27	4.88

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: Oct. 1-10, Jun. 18-30, Jul. 1-7, 28-31, Aug. 1-2 and Sept. 15-25. 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)
Dec. 11	0515	*7,910	*27.07	Apr. 13	2330	4,610	25.47
Feb. 4	0500	5,030	25.81	Sep. 1	0630	4,220	25.04
Apr. 9	0430	4,820	25.79				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e29	67	1770	156	1920	412	2790	296	858	e34	e43	4200
2	e28	66	1600	162	3870	350	3680	240	520	e34	e46	3400
3	e27	1080	1050	157	4690	300	3250	184	249	e32	33	1070
4	e29	2310	564	149	4780	289	1350	145	143	e31	36	200
5	e27	1930	407	145	2420	280	538	124	103	e28	28	119
6	e26	900	1350	179	835	258	888	108	121	e26	29	83
7	e25	260	2850	272	637	506	3500	99	304	e28	33	64
8	e26	158	3020	1410	2270	2570	4320	96	234	30	32	54
9	e28	114	4630	1900	2760	2320	4570	91	109	33	29	51
10	e42	92	6310	1000	2740	1400	2100	228	87	31	50	47
11	481	93	7370	477	1620	594	759	189	95	97	95	42
12	485	135	5190	332	789	407	3860	121	179	228	73	38
13	210	158	1700	1450	644	333	4410	95	266	172	51	36
14	112	133	555	3450	2370	614	3750	83	153	138	39	35
15	75	110	377	3890	2690	732	1350	85	102	376	42	e77
16	58	94	331	2610	2020	1070	505	96	83	797	114	e73
17	53	84	278	700	904	1300	368	78	68	678	45	e66
18	50	79	253	384	570	931	302	68	e67	364	32	e69
19	52	75	238	296	453	570	259	64	e65	158	28	e66
20	56	81	212	262	406	521	228	63	e57	119	26	e60
21	72	721	191	245	501	840	203	68	e51	80	35	e53
22	72	2190	194	227	584	1550	186	71	e44	64	35	e46
23	64	2290	276	205	489	2120	201	66	e38	58	30	e40
24	478	2420	320	171	548	1590	188	60	e33	53	35	e34
25	623	2730	260	157	658	783	151	57	e32	49	37	e41
26	249	2160	223	161	501	499	415	56	e30	49	31	202
27	127	2150	196	150	399	1540	1180	52	e27	48	26	349
28	93	3290	176	141	441	1880	738	52	e30	e48	23	179
29	79	3180	164	286	---	1060	335	513	e39	e57	756	99
30	71	2100	157	384	---	531	252	1290	e35	e46	3540	53
31	71	---	156	550	---	1110	---	1300	---	e42	3880	---
TOTAL	3918	31250	42368	22058	43509	29260	46626	6138	4222	4028	9332	10946
MEAN	126	1042	1367	712	1554	944	1554	198	141	130	301	365
MAX	623	3290	7370	3890	4780	2570	4570	1300	858	797	3880	4200
MIN	25	66	156	141	399	258	151	52	27	26	23	34
CFSM	0.31	2.53	3.33	1.73	3.78	2.30	3.78	0.48	0.34	0.32	0.73	0.89
IN.	0.35	2.83	3.83	2.00	3.94	2.65	4.22	0.56	0.38	0.36	0.84	0.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	127	322	618	1036	1295	1196	1066	478	186	203	119	97.6
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	286463		253655			
ANNUAL MEAN	783		695		558	
HIGHEST ANNUAL MEAN					1303	1983
LOWEST ANNUAL MEAN					96.9	2000
HIGHEST DAILY MEAN	16600	Feb 7	7370	Dec 11	46700	Apr 8 2003
LOWEST DAILY MEAN	21	Sep 29	23	Aug 28	2.3	Sep 9 2000
ANNUAL SEVEN-DAY MINIMUM	23	Sep 24	27	Oct 2	3.3	Sep 26 1954
MAXIMUM PEAK FLOW			7910	Dec 11	56000	Apr 8 2003
MAXIMUM PEAK STAGE			27.07	Dec 11	33.00	Jan 7 1950
ANNUAL RUNOFF (CFSM)	1.90		1.69		1.36	
ANNUAL RUNOFF (INCHES)	25.93		22.96		18.45	
10 PERCENT EXCEEDS	2300		2310		1480	
50 PERCENT EXCEEDS	210		186		110	
90 PERCENT EXCEEDS	44		34		16	

e Estimated

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	12.13	19.05	12.95	19.40	13.72	21.61	13.68	17.05	---	---	25.03
2	---	12.12	18.23	12.97	24.25	13.32	23.86	13.29	15.48	---	---	23.44
3	---	16.43	16.42	12.91	25.43	13.12	22.55	12.89	13.75	---	11.86	17.00
4	---	20.73	14.68	12.85	25.50	13.04	17.21	12.64	12.90	---	11.94	13.17
5	---	19.71	14.05	12.84	20.53	12.96	14.41	12.48	12.58	---	11.76	12.74
6	---	16.30	17.73	12.99	15.46	12.87	15.70	12.38	12.48	---	11.77	12.59
7	---	13.40	22.08	13.54	14.67	13.98	23.48	12.32	12.45	---	11.78	12.52
8	---	12.75	22.37	17.92	20.18	21.07	25.01	12.29	12.43	11.92	11.76	12.47
9	---	12.49	25.34	19.10	21.13	19.83	25.60	12.25	12.34	11.89	11.71	12.46
10	---	12.35	26.53	15.99	21.01	17.09	20.33	13.42	12.31	11.89	11.99	12.44
11	14.15	12.36	26.93	14.28	17.82	14.42	15.58	12.87	12.39	12.48	12.39	12.38
12	14.59	12.63	25.90	13.71	15.15	13.74	24.40	12.43	12.91	13.47	12.18	12.33
13	13.16	12.73	19.30	17.56	14.65	13.40	25.25	12.26	13.16	13.02	11.87	12.34
14	12.52	12.55	14.94	23.53	20.50	14.47	23.88	12.18	12.69	13.02	11.74	12.36
15	12.20	12.45	14.06	24.11	20.98	14.51	17.89	12.21	12.49	14.07	11.81	---
16	12.04	12.37	13.79	21.06	18.97	16.07	14.60	12.34	12.38	15.72	12.16	---
17	11.97	12.28	13.62	15.27	15.53	16.58	13.92	12.17	12.33	14.93	11.59	---
18	11.95	12.25	13.51	14.00	14.33	15.10	13.57	12.07	---	13.23	11.54	---
19	11.97	12.22	13.42	13.63	13.88	14.15	13.33	12.05	---	12.79	11.48	---
20	12.01	12.27	13.28	13.48	13.68	14.08	13.14	12.06	---	12.75	11.44	---
21	12.19	15.03	13.16	13.38	14.18	15.01	12.98	12.13	---	12.50	11.54	---
22	12.18	20.30	13.18	13.29	14.22	17.28	12.88	12.20	---	12.35	11.51	---
23	12.09	20.47	13.70	13.16	13.87	19.41	12.89	12.13	---	12.31	11.42	---
24	14.12	20.95	13.89	12.95	14.19	17.69	12.81	12.04	---	12.27	11.41	---
25	15.16	21.69	13.51	12.87	14.07	15.15	12.61	12.05	---	12.25	11.38	---
26	13.27	19.91	13.31	12.93	13.66	14.17	13.75	12.05	---	12.26	11.36	13.65
27	12.56	19.99	13.15	12.87	13.43	18.18	16.72	12.03	---	12.25	11.35	14.59
28	12.30	23.14	13.02	12.79	13.82	18.67	14.93	12.03	---	---	11.33	13.78
29	12.21	22.55	12.95	13.69	---	16.05	13.51	15.23	---	---	14.27	13.27
30	12.15	19.63	12.93	14.20	---	14.27	13.19	18.37	---	---	23.81	12.84
31	12.13	---	12.93	14.82	---	16.48	---	18.57	---	---	24.31	---
MEAN	---	15.87	16.48	14.89	17.30	15.48	17.39	12.87	---	---	---	---
MAX	---	23.14	26.93	24.11	25.50	21.07	25.60	18.57	---	---	---	---
MIN	---	12.12	12.93	12.79	13.43	12.87	12.61	12.03	---	---	---	---

02483500 PEARL RIVER NEAR LENA, MS

LOCATION.--Lat 32°40'02", long 89°38'46", 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: January 18-15. 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)
Dec. 12	2115	*20,400	*23.63	Apr. 10	1645	12,300	19.51

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	275	551	9120	942	2760	4150	3710	1380	3240	327	893	7420
2	258	507	8650	909	5480	3810	5010	1560	3330	291	1020	7820
3	242	687	7950	882	7960	3320	5710	1530	3160	269	1110	8550
4	233	2020	6870	919	8770	2870	5640	1460	2840	286	1040	8650
5	224	2510	5950	942	9380	2490	3870	1240	2900	339	960	9540
6	212	2370	5820	931	8290	2200	3550	1060	3070	269	952	9920
7	200	1670	8650	988	6150	2140	8550	915	2970	257	965	8830
8	194	1240	10400	1910	7450	5270	10400	793	2660	254	945	6850
9	198	1060	12000	3630	9080	6510	11400	705	2060	275	855	4950
10	226	1030	15500	3770	9280	5880	12100	671	1590	335	750	3110
11	322	1070	17300	3100	8990	4900	11300	729	1310	474	672	1830
12	728	1110	19700	2650	7890	4260	11600	734	1110	720	647	1300
13	633	1130	19800	3010	6920	3900	13200	677	1060	909	610	1010
14	532	1020	17200	5860	7230	3520	13100	609	1130	1210	570	814
15	448	875	13700	6740	7830	3480	12600	584	1220	1560	530	663
16	401	749	11100	7030	7390	3460	11000	567	1280	1730	553	577
17	376	645	8930	6650	6170	3760	9420	565	1650	2160	568	553
18	348	575	6670	e5430	4730	3460	7790	626	2150	1760	540	508
19	321	527	5180	e4370	3800	2800	5970	741	2250	1460	530	482
20	308	499	3370	3350	3170	2500	4030	737	1930	1340	516	470
21	496	1030	2500	3040	3710	3310	2810	592	1480	1320	509	457
22	539	3310	2040	2570	4220	4010	2210	533	1130	1440	523	446
23	509	4530	1800	2210	4000	5790	1820	506	843	1450	514	427
24	505	5590	1690	1900	4440	5640	1520	467	620	1270	612	416
25	903	6600	1540	1640	4740	4680	1260	428	478	1100	624	435
26	869	6780	1400	1430	4580	3930	1160	391	399	967	549	541
27	758	6850	1300	1270	4290	4430	1770	360	350	859	494	882
28	730	8030	1200	1160	4190	4990	1950	334	315	754	449	1130
29	732	8760	1090	1140	---	4360	1560	1060	340	710	633	1540
30	696	9170	1030	1370	---	3410	1290	2240	330	677	5330	1820
31	622	---	993	1610	---	2940	---	2550	---	735	7090	---
TOTAL	14038	82495	230443	83353	172890	122170	187300	27344	49195	27507	32553	91941
MEAN	453	2750	7434	2689	6175	3941	6243	882	1640	887	1050	3065
MAX	903	9170	19800	7030	9380	6510	13200	2550	3330	2160	7090	9920
MIN	194	499	993	882	2760	2140	1160	334	315	254	449	416
MED	401	1120	6670	1910	6160	3810	5320	705	1400	754	624	1070
CFSM	0.23	1.39	3.75	1.36	3.12	1.99	3.15	0.45	0.83	0.45	0.53	1.55
IN.	0.26	1.55	4.33	1.57	3.25	2.29	3.52	0.51	0.92	0.52	0.61	1.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

MEAN	476	933	2312	4583	6273	5514	4555	1996	1145	1181	647	546
MAX	4905	5076	8928	14570	12920	10310	11520	9072	4860	9383	2372	3065
(WY)	2003	2003	1949	1949	1946	1944	1938	1953	1997	1940	2003	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1937 - 2005	
ANNUAL TOTAL	1245213		1121229			
ANNUAL MEAN	3402		3072		2493	
HIGHEST ANNUAL MEAN					4934	2003
LOWEST ANNUAL MEAN					873	2000
HIGHEST DAILY MEAN	26900	Feb 8	19800	Dec 13	45500	Jan 8 1950
LOWEST DAILY MEAN	194	Oct 8	194	Oct 8	35	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	212	Oct 4	212	Oct 4	40	Sep 1 2000
MAXIMUM PEAK FLOW			20400	Dec 12	46500	Jan 8 1950
MAXIMUM PEAK STAGE			23.63	Dec 12	28.56	Jan 8 1950
INSTANTANEOUS LOW FLOW			188	Oct 9	30	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.72		1.55		1.26	
ANNUAL RUNOFF (INCHES)	23.38		21.05		17.10	
10 PERCENT EXCEEDS	8810		8390		6930	
50 PERCENT EXCEEDS	1540		1460		868	
90 PERCENT EXCEEDS	349		428		128	

e Estimated

02483500 PEARL RIVER NEAR LENA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.53	5.26	16.88	6.22	9.81	11.76	11.19	7.38	10.58	4.82	5.78	15.43
2	4.49	5.15	16.44	6.13	13.28	11.32	12.81	7.75	10.68	4.73	6.08	15.81
3	4.45	5.60	15.78	6.07	15.87	10.66	13.60	7.72	10.43	4.67	6.27	16.48
4	4.43	8.48	14.70	6.16	16.62	10.0	13.52	7.57	9.96	4.72	6.08	16.57
5	4.41	9.33	13.72	6.23	17.17	9.41	11.39	7.11	10.05	4.85	5.89	17.35
6	4.38	9.10	13.58	6.21	16.42	8.93	10.91	6.69	10.30	4.67	5.87	17.69
7	4.35	7.84	16.42	6.36	14.59	8.82	16.38	6.34	10.15	4.64	5.90	16.72
8	4.35	6.96	18.04	8.25	15.90	13.06	17.99	6.04	9.68	4.64	5.85	14.83
9	4.36	6.52	19.28	10.99	17.38	14.45	18.86	5.83	8.69	4.69	5.63	12.78
10	4.43	6.46	21.71	11.19	17.51	13.78	19.41	5.76	7.82	4.84	5.37	10.38
11	4.67	6.55	22.58	10.27	17.21	12.68	18.77	5.91	7.23	5.18	5.17	8.32
12	5.69	6.67	23.44	9.62	16.16	11.90	19.02	5.94	6.77	5.80	5.11	7.25
13	5.45	6.71	23.46	10.13	15.17	11.44	20.24	5.80	6.64	6.27	5.02	6.57
14	5.20	6.44	22.54	13.73	15.43	10.93	20.14	5.64	6.81	7.02	4.92	6.07
15	4.99	6.07	20.59	14.67	15.97	10.87	19.78	5.59	7.05	7.76	4.82	5.69
16	4.88	5.75	18.55	14.97	15.51	10.85	18.50	5.56	7.17	8.08	4.87	5.47
17	4.82	5.49	16.70	14.59	14.22	11.26	17.19	5.56	7.93	8.85	4.91	5.41
18	4.75	5.32	14.49	---	12.57	10.85	15.71	5.73	8.84	8.11	4.84	5.30
19	4.68	5.20	12.86	---	11.36	9.90	13.86	6.01	9.02	7.50	4.82	5.24
20	4.65	5.13	10.59	10.98	10.46	9.42	11.59	6.00	8.46	7.21	4.78	5.20
21	5.12	6.07	9.28	10.26	11.19	10.63	9.90	5.64	7.60	7.14	4.76	5.16
22	5.23	9.50	8.51	9.54	11.85	11.57	8.95	5.49	6.82	7.37	4.80	5.14
23	5.15	11.15	8.09	8.94	11.58	13.68	8.26	5.42	6.11	7.35	4.77	5.09
24	5.14	12.50	7.87	8.41	12.13	13.52	7.67	5.33	5.55	6.94	5.02	5.06
25	6.14	13.75	7.58	7.92	12.49	12.42	7.13	5.23	5.20	6.50	5.05	5.10
26	6.05	14.09	7.30	7.50	12.30	11.48	6.89	5.14	5.00	6.15	4.86	5.36
27	5.78	14.30	7.08	7.15	11.94	12.10	8.15	5.06	4.88	5.84	4.72	6.22
28	5.71	15.66	6.84	6.90	11.81	12.79	8.50	5.00	4.79	5.55	4.61	6.83
29	5.71	16.45	6.59	6.85	---	12.02	7.75	6.71	4.85	5.41	5.06	7.71
30	5.62	16.90	6.45	7.37	---	10.77	7.20	9.10	4.83	5.30	12.83	8.26
31	5.43	---	6.34	7.85	---	10.10	---	9.56	---	5.42	15.07	---
MEAN	5.00	8.68	14.01	---	14.07	11.40	13.38	6.25	7.66	6.07	5.79	9.15
MAX	6.14	16.90	23.46	---	17.51	14.45	20.24	9.56	10.68	8.85	15.07	17.69
MIN	4.35	5.13	6.34	---	9.81	8.82	6.89	5.00	4.79	4.64	4.61	5.06
MED	4.88	6.69	14.49	---	14.40	11.32	13.16	5.83	7.42	5.80	5.05	6.70

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: Oct. 1-12, Jun. 19-30, Jul. 1-4, 8-10, Aug. 5-23, 26-28 and Sept. 13-22. 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)
Dec. 9	2100	5,350	14.65	Apr. 14	1100	5,710	14.84
Feb. 3	0500	3,310	13.34	Aug. 31	0400	3,820	13.80
Apr. 7	0600	*8,480	*16.05	Sep. 26	1600	4,020	13.85

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e20	49	1500	115	241	751	292	420	639	e36	64	3620
2	e19	47	1850	113	2060	414	523	216	457	e34	46	3390
3	e18	135	1590	108	3110	307	366	129	236	e31	36	1790
4	e19	284	622	102	2580	261	231	99	126	e37	36	305
5	e20	164	273	99	2230	225	182	83	84	24	e32	105
6	e19	92	826	101	1070	198	2560	73	63	33	e30	66
7	e18	68	2680	135	639	367	7880	66	54	27	e28	50
8	e20	58	3480	696	1980	1600	7960	64	68	e33	e27	40
9	e27	49	4760	727	2580	2030	6350	114	82	e32	e26	34
10	e39	44	4840	320	2410	1070	3420	241	53	e32	e25	29
11	e54	46	4040	219	2000	398	1500	141	45	41	e24	24
12	e67	60	3090	179	773	283	3370	93	128	165	e23	21
13	52	70	1640	565	411	228	4630	71	115	619	e22	e23
14	36	60	418	1550	896	208	5470	73	71	510	e21	e22
15	30	51	238	1910	881	191	3810	541	48	171	e21	e21
16	26	45	192	1750	492	211	1600	954	35	144	e20	e20
17	25	45	171	651	338	236	378	498	28	125	e20	e19
18	23	41	156	251	259	210	242	156	24	98	e36	e18
19	24	38	143	198	212	212	190	86	e22	132	e42	e17
20	59	39	130	175	253	369	159	64	e21	366	e26	e16
21	66	429	123	162	697	363	139	54	e21	149	e21	e15
22	51	823	127	149	631	761	127	48	e20	111	e20	e14
23	70	1260	304	133	527	1590	119	43	e20	91	e35	12
24	212	1740	327	115	1280	1600	103	37	e19	55	105	12
25	213	2270	214	109	1580	643	92	35	e19	42	56	668
26	622	2250	172	111	1120	332	96	29	e18	37	e31	3310
27	307	2500	152	109	489	331	139	24	e18	39	e27	2880
28	132	2150	138	130	794	333	129	23	e63	39	e23	1920
29	78	1470	127	335	---	257	102	258	e47	215	324	608
30	61	876	123	369	---	202	395	1020	e34	278	2210	155
31	53	---	119	266	---	194	---	910	---	108	3690	---
TOTAL	2480	17253	34565	11952	32533	16375	52554	6663	2678	3854	7147	19224
MEAN	80.0	575	1115	386	1162	528	1752	215	89.3	124	231	641
MAX	622	2500	4840	1910	3110	2030	7960	1020	639	619	3690	3620
MIN	18	38	119	99	212	191	92	23	18	24	20	12
CFSM	0.26	1.90	3.68	1.27	3.83	1.74	5.78	0.71	0.29	0.41	0.76	2.11
IN.	0.30	2.12	4.24	1.47	3.99	2.01	6.45	0.82	0.33	0.47	0.88	2.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	92.8	271	583	827	993	945	803	408	178	170	75.2	85.5
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	204605		207278			
ANNUAL MEAN	559		568		450	
HIGHEST ANNUAL MEAN					1217	1983
LOWEST ANNUAL MEAN					90.6	1963
HIGHEST DAILY MEAN	4910	Feb 8	7960	Apr 8	34300	Apr 13 1979
LOWEST DAILY MEAN	18	Oct 3	12	Sep 23	2.0	Oct 31 2000
ANNUAL SEVEN-DAY MINIMUM	19	Oct 1	15	Sep 18	2.2	Oct 28 2000
MAXIMUM PEAK FLOW			8480	Apr 7	40700	Apr 13 1979
MAXIMUM PEAK STAGE			16.05	Apr 7	23.06	Apr 13 1979
INSTANTANEOUS LOW FLOW			12a	Sep 23,24,25	2.0	Oct 29 2000
ANNUAL RUNOFF (CFSM)	1.84		1.87		1.48	
ANNUAL RUNOFF (INCHES)	25.12		25.45		20.17	
10 PERCENT EXCEEDS	2100		1870		1260	
50 PERCENT EXCEEDS	144		130		95	
90 PERCENT EXCEEDS	30		23		14	

e Estimated
a Minimum instantaneous may or may not have been lower during estimated periods.

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: Nov. 20-21 and Dec. 23-27. 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)
Dec. 7	2000	3,050	18.08	Apr. 9	1445	*8,080	*21.93
Dec. 10	1230	5,680	20.93	Apr. 16	1500	5,150	20.60
Feb. 8	1930	2,740	17.43				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	86	2210	206	463	1090	477	368	644	69	248	1360
2	35	74	2020	197	1060	840	582	380	828	53	194	1470
3	34	80	1610	190	1470	809	483	432	904	49	118	2130
4	32	95	1360	184	1560	751	485	415	747	52	86	2550
5	31	162	1330	176	2130	602	482	281	551	45	75	2590
6	31	232	1640	171	2370	479	571	195	338	46	67	2080
7	29	219	2810	177	2130	431	1810	158	199	48	62	1280
8	29	145	2610	826	2590	725	4600	139	142	51	56	524
9	29	101	3280	825	2390	759	7920	128	122	58	54	216
10	35	83	5460	655	2030	908	7960	122	129	51	54	123
11	50	75	5330	688	2060	1230	6720	156	142	54	52	93
12	48	72	5070	707	2100	1380	5570	237	118	53	49	78
13	49	72	4240	692	1930	1050	4380	213	111	65	47	67
14	52	78	3520	996	1780	657	3570	158	168	206	46	59
15	55	87	2720	874	1380	470	4180	131	175	502	44	53
16	47	86	1880	918	1020	431	5020	131	130	466	43	50
17	39	77	1170	1110	963	412	4210	229	103	658	43	55
18	35	72	673	1260	869	391	2760	359	88	383	42	48
19	33	68	439	1240	671	381	1550	526	79	284	41	44
20	34	e67	329	874	570	443	755	455	72	206	40	42
21	67	e204	277	496	1100	678	444	233	66	214	51	41
22	67	340	249	344	862	819	325	145	62	323	50	40
23	69	651	e265	277	765	1110	265	117	59	316	59	37
24	59	1110	e305	239	1310	953	229	103	56	214	161	36
25	70	1240	e425	211	1190	1040	206	95	51	156	140	57
26	150	1220	e390	189	1090	1220	196	86	49	110	143	193
27	163	1410	e374	175	1180	1340	213	80	47	88	105	273
28	216	1890	331	173	1250	1010	215	75	45	78	67	762
29	257	2040	276	187	---	658	217	117	43	76	197	1730
30	226	2110	241	229	---	508	300	167	54	78	1800	2090
31	128	---	219	320	---	429	---	360	---	164	1840	---
TOTAL	2235	14246	53053	15806	40283	24004	66695	6791	6322	5216	6074	20171
MEAN	72.1	475	1711	510	1439	774	2223	219	211	168	196	672
MAX	257	2110	5460	1260	2590	1380	7960	526	904	658	1840	2590
MIN	29	67	219	171	463	381	196	75	43	45	40	36
CFSM	0.15	1.01	3.65	1.09	3.07	1.65	4.74	0.47	0.45	0.36	0.42	1.43
IN.	0.18	1.13	4.21	1.25	3.20	1.90	5.29	0.54	0.50	0.41	0.48	1.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	135	332	829	1253	1480	1421	1321	684	247	208	120	111
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	249760		260896			
ANNUAL MEAN	682		715		674	
HIGHEST ANNUAL MEAN					1868	1983
LOWEST ANNUAL MEAN					131	1963
HIGHEST DAILY MEAN	5460	Dec 10	7960	Apr 10	40900	Apr 15 1979
LOWEST DAILY MEAN	29	Oct 7	29	Oct 7	5.3	Aug 20 1954
ANNUAL SEVEN-DAY MINIMUM	31	Oct 3	31	Oct 3	6.3	Sep 7 1954
MAXIMUM PEAK FLOW			8080	Apr 9	46500	Apr 14 1979
MAXIMUM PEAK STAGE			21.93	Apr 9	28.27	Apr 14 1979
INSTANTANEOUS LOW FLOW			28	Oct 9	4.9	Aug 20 1954
ANNUAL RUNOFF (CFSM)	1.46		1.52		1.44	
ANNUAL RUNOFF (INCHES)	19.81		20.69		19.53	
10 PERCENT EXCEEDS	2030		2020		1810	
50 PERCENT EXCEEDS	248		229		177	
90 PERCENT EXCEEDS	55		48		27	

e Estimated

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.13	6.00	16.15	7.36	9.29	12.30	9.33	8.65	10.29	5.79	7.54	13.85
2	5.11	5.83	15.64	7.27	12.19	11.12	9.95	8.73	11.23	5.54	7.06	14.18
3	5.09	5.91	14.38	7.20	13.90	10.96	9.39	9.07	11.59	5.47	6.27	16.18
4	5.06	6.10	13.45	7.15	14.20	10.64	9.40	8.96	10.83	5.52	5.87	17.24
5	5.06	6.84	13.33	7.09	15.92	9.81	9.38	8.02	9.76	5.40	5.72	17.29
6	5.05	7.50	14.37	7.05	16.56	9.11	9.80	7.30	8.41	5.42	5.59	15.93
7	5.02	7.37	17.57	7.12	15.94	8.80	14.95	6.95	7.31	5.46	5.51	13.29
8	5.02	6.66	17.10	11.17	17.08	10.47	19.61	6.74	6.75	5.51	5.43	9.80
9	5.03	6.15	18.18	11.22	16.59	10.65	21.88	6.63	6.52	5.62	5.38	7.67
10	5.16	5.90	20.80	10.38	15.66	11.40	21.89	6.55	6.60	5.50	5.39	6.73
11	5.45	5.77	20.71	10.57	15.76	12.87	21.42	6.91	6.73	5.55	5.36	6.34
12	5.43	5.73	20.54	10.68	15.85	13.50	20.86	7.67	6.46	5.54	5.30	6.13
13	5.45	5.72	19.81	10.59	15.39	12.07	19.91	7.46	6.38	5.72	5.27	5.96
14	5.50	5.80	18.86	12.05	14.93	10.05	18.94	6.94	6.98	7.19	5.24	5.83
15	5.55	5.92	17.37	11.51	13.52	9.00	19.74	6.65	7.05	9.31	5.21	5.72
16	5.40	5.90	15.21	11.72	12.06	8.76	20.51	6.65	6.59	9.02	5.20	5.67
17	5.27	5.77	12.68	12.54	11.79	8.64	19.73	7.59	6.26	10.12	5.19	5.74
18	5.19	5.69	10.39	13.11	11.34	8.50	17.42	8.58	6.07	8.52	5.18	5.61
19	5.15	5.63	9.06	13.04	10.32	8.43	14.11	9.64	5.94	7.81	5.15	5.53
20	5.16	---	8.33	11.51	9.74	8.81	10.84	9.20	5.84	7.17	5.13	5.47
21	5.73	---	7.94	9.58	12.38	10.17	9.14	7.62	5.76	7.24	5.33	5.45
22	5.74	8.24	---	8.61	11.27	10.88	8.35	6.80	5.69	8.11	5.31	5.42
23	5.77	10.12	---	8.11	10.78	12.34	7.90	6.50	5.63	8.05	5.47	5.36
24	5.62	12.35	---	7.79	13.27	11.62	7.61	6.33	5.58	7.24	6.73	5.33
25	5.78	12.95	---	7.54	12.77	12.04	7.40	6.22	5.51	6.69	6.53	5.66
26	6.78	12.87	---	7.33	12.34	12.86	7.32	6.11	5.47	6.18	6.56	7.31
27	6.92	13.64	---	7.19	12.69	13.37	7.46	6.03	5.43	5.90	6.11	7.96
28	7.41	15.26	8.35	7.16	13.01	11.93	7.48	5.95	5.39	5.77	5.60	10.84
29	7.76	15.70	7.93	7.29	---	10.22	7.50	6.48	5.37	5.73	6.58	14.74
30	7.49	15.90	7.65	7.65	---	9.46	8.14	7.03	5.54	5.76	15.15	15.83
31	6.52	---	7.47	8.36	---	9.05	---	8.51	---	6.74	15.46	---
MEAN	5.67	---	---	9.26	13.45	10.64	13.25	7.37	6.97	6.60	6.35	9.14
MAX	7.76	---	---	13.11	17.08	13.50	21.89	9.64	11.59	10.12	15.46	17.29
MIN	5.02	---	---	7.05	9.29	8.43	7.32	5.95	5.37	5.40	5.13	5.33

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, 301.95 ft, Dec. 13, minimum daily, 295.70 ft, Dec. 23,24.

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	296.86	297.31	297.65	295.88	295.92	296.27	296.23	297.21	297.47	297.31	297.31	297.47
2	296.87	297.21	297.62	295.86	296.53	296.21	296.46	297.32	297.52	297.29	297.31	297.40
3	296.82	297.18	297.43	295.87	297.28	296.13	296.67	297.38	297.48	297.30	297.31	297.48
4	296.80	297.19	297.14	295.87	297.64	296.09	296.73	297.35	297.49	297.29	297.32	297.66
5	296.78	297.14	296.82	295.90	297.74	296.03	296.48	297.31	297.54	297.26	297.32	297.79
6	296.75	297.11	296.82	295.91	297.78	295.96	296.24	297.31	297.60	297.17	297.34	298.02
7	---	297.06	297.58	295.88	297.39	296.08	297.51	297.37	297.46	297.21	297.31	298.00
8	---	296.91	298.43	295.97	297.46	296.63	298.40	297.39	297.44	297.19	297.31	297.54
9	---	296.81	299.22	296.20	298.03	297.07	298.71	297.38	297.38	297.21	297.33	296.93
10	---	296.78	300.31	296.30	298.15	296.87	299.10	297.35	297.32	297.14	297.34	296.45
11	---	296.76	301.28	296.17	297.99	296.56	299.24	297.35	297.21	297.32	297.31	296.14
12	---	296.70	301.58	296.08	297.68	296.38	299.33	297.36	297.32	297.32	297.32	295.99
13	---	296.57	301.87	296.16	297.28	296.22	299.66	297.36	297.35	297.38	297.33	295.97
14	---	296.52	301.68	296.47	297.22	296.04	299.72	297.39	297.39	297.47	297.33	295.99
15	---	296.50	300.76	296.82	297.45	---	299.39	297.35	297.37	297.52	297.34	295.98
16	297.08	296.46	299.49	296.88	297.43	296.10	299.15	297.27	297.33	297.41	297.31	296.02
17	297.10	296.39	298.34	296.85	297.02	296.18	298.62	297.31	297.31	297.46	297.30	295.95
18	297.14	296.32	297.44	296.55	296.63	296.19	298.00	297.36	297.37	297.43	297.34	295.89
19	297.14	296.26	296.74	296.30	296.29	296.10	297.35	297.39	297.39	297.38	297.31	295.88
20	297.10	296.18	296.23	296.18	296.07	296.11	296.77	297.41	297.38	297.33	297.30	295.89
21	297.10	296.22	295.92	296.07	296.11	296.56	296.39	297.38	297.35	297.34	297.28	295.89
22	297.10	296.39	295.78	295.97	296.26	296.65	296.29	297.33	297.34	297.39	297.32	295.86
23	297.17	296.48	295.70	295.87	296.24	296.90	296.21	297.36	297.31	297.37	297.31	295.81
24	297.22	296.80	295.70	295.94	296.34	296.93	296.30	297.38	297.31	297.33	297.30	295.77
25	297.26	296.86	295.77	295.95	296.46	296.59	296.41	297.34	297.31	297.31	297.31	296.01
26	297.31	296.88	295.85	295.89	296.42	296.28	296.54	297.29	297.31	297.33	297.31	295.93
27	297.33	296.96	295.91	295.78	296.31	296.49	296.71	297.30	297.31	297.34	297.30	295.79
28	297.32	297.13	295.91	295.76	296.34	296.72	296.99	297.28	297.31	297.31	297.22	295.85
29	297.35	297.44	295.89	295.81	---	296.56	297.12	297.40	297.30	297.28	---	295.89
30	297.37	297.63	295.89	295.80	---	296.34	297.16	297.42	297.30	297.28	297.03	295.95
31	297.35	---	295.90	295.84	---	296.12	---	297.34	---	297.29	297.26	---
MEAN	---	296.81	297.70	296.09	296.98	---	297.53	297.35	297.38	297.32	---	296.44
MAX	---	297.63	301.87	296.88	298.15	---	299.72	297.42	297.60	297.52	---	298.02
MIN	---	296.18	295.70	295.76	295.92	---	296.21	297.21	297.21	297.14	---	295.77
MED	---	296.80	297.14	295.95	297.12	---	297.05	297.35	297.35	297.32	---	295.99

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: Oct. 19 - Nov. 1 and Dec. 10-16. 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)
Dec. 9	0445	*2,690	*16.62	No other peaks greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	e3.0	70	7.8	153	5.7	228	2.7	1.6	9.1	2.0	1.7
2	2.8	6.1	21	5.5	263	3.9	20	1.8	1.2	2.6	1.2	1.0
3	1.6	32	12	4.8	38	3.2	6.7	1.9	0.97	2.2	21	0.74
4	1.7	2.3	8.4	4.9	13	3.0	3.7	1.8	0.90	1.8	15	0.89
5	2.2	1.2	63	4.7	7.9	2.6	3.0	1.4	2.0	2.7	34	1.2
6	1.5	1.1	323	7.2	5.6	2.4	202	1.1	19	2.3	6.6	0.86
7	1.4	1.1	236	119	181	196	37	1.2	3.4	2.0	3.0	2.6
8	2.8	1.1	33	94	141	140	12	1.0	48	2.0	4.0	2.5
9	41	0.80	857	15	158	16	5.9	0.96	8.1	2.3	3.9	1.5
10	265	0.70	e170	8.0	32	8.5	3.7	1.2	6.1	3.0	9.8	0.82
11	44	0.63	e75	5.6	11	5.7	236	2.5	1.9	8.7	4.9	0.54
12	5.1	0.65	e20	4.6	7.4	4.1	142	2.2	1.3	6.2	18	0.37
13	1.5	0.73	e8.0	76	63	57	18	2.1	1.0	12	4.0	0.30
14	0.65	0.61	e4.0	27	66	78	12	5.1	0.94	15	1.0	0.26
15	0.44	0.55	e4.2	8.2	15	49	4.0	12	1.4	5.2	53	0.33
16	0.37	0.50	e4.5	5.2	8.9	81	2.5	2.5	1.2	8.3	107	6.3
17	0.34	0.48	4.7	4.1	6.4	18	1.8	1.4	2.4	3.7	7.9	1.6
18	0.42	0.54	4.4	3.6	4.7	9.5	1.5	1.1	2.1	1.9	2.1	1.1
19	e2.2	0.75	4.3	3.3	3.5	7.8	1.4	0.95	1.4	1.0	0.87	0.96
20	e2.0	5.7	4.7	2.9	5.2	312	1.3	0.90	1.4	24	0.57	0.87
21	e1.9	233	5.0	2.8	10	82	1.3	0.77	2.0	36	0.43	0.61
22	e1.7	115	14	2.5	7.0	227	1.4	0.82	1.5	2.0	0.39	0.52
23	e45	74	12	2.9	91	33	1.3	0.68	1.3	1.6	0.34	0.35
24	e20	308	6.2	3.1	56	11	1.2	3.3	1.4	1.2	0.60	52
25	e4.0	52	5.1	2.6	14	6.9	1.1	4.1	1.2	1.0	0.60	185
26	e2.0	23	4.5	2.5	7.8	94	102	1.5	1.1	0.80	0.36	34
27	e1.5	267	5.0	2.5	5.8	164	10	0.95	1.5	0.86	0.25	2.1
28	e2.2	55	4.3	5.2	9.6	19	3.0	0.79	2.1	0.94	0.19	0.93
29	e2.1	21	4.2	5.5	---	7.4	1.9	34	1.2	0.77	341	0.57
30	e1.8	97	4.2	3.7	---	5.4	13	5.0	2.7	0.55	155	0.43
31	e1.5	---	4.2	64	---	13	---	2.6	---	0.50	4.3	---
TOTAL	465.42	1305.54	1995.9	508.7	1384.8	1666.1	1078.7	100.32	122.31	162.22	803.30	302.95
MEAN	15.0	43.5	64.4	16.4	49.5	53.7	36.0	3.24	4.08	5.23	25.9	10.1
MAX	265	308	857	119	263	312	236	34	48	36	341	185
MIN	0.34	0.48	4.0	2.5	3.5	2.4	1.1	0.68	0.90	0.50	0.19	0.26
CFSM	0.89	2.59	3.83	0.98	2.94	3.20	2.14	0.19	0.24	0.31	1.54	0.60
IN.	1.03	2.89	4.42	1.13	3.07	3.69	2.39	0.22	0.27	0.36	1.78	0.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	10.7	23.8	33.2	42.1	45.8	38.3	47.6	16.1	13.0	11.2	9.72	6.41
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	10444.32		9896.26			
ANNUAL MEAN	28.5		27.1		24.7	
HIGHEST ANNUAL MEAN					57.5	1983
LOWEST ANNUAL MEAN					9.59	2000
HIGHEST DAILY MEAN	857	Dec 9	857	Dec 9	6000	Apr 7 2003
LOWEST DAILY MEAN	0.07	Aug 17	0.19	Aug 28	0.01	Sep 19 1988
ANNUAL SEVEN-DAY MINIMUM	0.38	Sep 12	0.39	Aug 22	0.04	Sep 2 1998
MAXIMUM PEAK FLOW			2690	Dec 9	5320	Apr 29 1953
MAXIMUM PEAK STAGE			16.62	Dec 9	27.37a	Apr 29 1953
INSTANTANEOUS LOW FLOW			0.16b	Aug 29	0.01	Nov 16 1987
ANNUAL RUNOFF (CFSM)	1.70		1.61		1.47	
ANNUAL RUNOFF (INCHES)	23.13		21.91		19.97	
10 PERCENT EXCEEDS	80		77		41	
50 PERCENT EXCEEDS	3.5		3.7		2.2	
90 PERCENT EXCEEDS	0.64		0.74		0.30	

e Estimated
a To present datum.
b Could have been lower during estimated period.

02485700 HANGING MOSS CREEK NEAR JACKSON, MS

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.38	---	8.22	7.65	8.86	7.59	9.18	7.40	7.29	7.64	7.29	7.27
2	7.31	8.25	7.80	7.58	9.46	7.49	7.93	7.30	7.21	7.39	7.17	7.16
3	7.25	8.66	7.65	7.55	8.16	7.44	7.63	7.31	7.16	7.35	7.35	7.09
4	7.32	8.10	7.58	7.55	7.82	7.43	7.48	7.31	7.14	7.30	7.67	7.13
5	7.45	7.97	8.16	7.54	7.68	7.39	7.43	7.25	7.25	7.39	7.69	7.22
6	7.42	7.96	9.64	7.65	7.59	7.37	8.94	7.20	7.86	7.36	7.53	7.14
7	7.47	7.98	9.27	8.36	8.68	8.78	8.13	7.21	7.44	7.33	7.37	7.41
8	7.64	7.97	8.09	8.52	8.82	8.78	7.80	7.17	7.82	7.32	7.46	7.40
9	8.42	7.92	11.55	7.85	8.93	7.88	7.60	7.16	7.60	7.36	7.46	7.29
10	9.74	7.90	---	7.68	8.10	7.70	7.48	7.19	7.58	7.42	7.64	7.15
11	8.65	7.89	---	7.59	7.78	7.59	8.70	7.38	7.31	7.62	7.47	7.06
12	8.07	7.90	---	7.54	7.66	7.51	8.78	7.35	7.23	7.55	7.51	6.99
13	7.85	7.94	---	8.34	8.13	7.88	7.92	7.35	7.18	7.64	7.40	6.95
14	7.74	7.91	---	8.03	8.37	8.42	7.78	7.36	7.16	7.71	7.13	6.92
15	7.71	7.90	---	7.69	7.86	8.12	7.50	7.75	7.22	7.53	7.44	6.94
16	7.68	7.89	---	7.57	7.71	8.47	7.38	7.39	7.21	7.54	8.37	7.40
17	7.66	7.89	7.54	7.51	7.62	7.92	7.31	7.26	7.29	7.47	7.49	7.30
18	7.70	7.92	7.53	7.47	7.54	7.73	7.27	7.22	7.33	7.31	7.27	7.23
19	---	7.94	7.52	7.45	7.47	7.68	7.25	7.18	7.24	7.18	7.10	7.19
20	---	7.98	7.54	7.42	7.55	9.53	7.23	7.16	7.24	7.45	7.01	7.17
21	---	9.25	7.56	7.41	7.76	8.50	7.22	7.12	7.32	7.99	6.95	7.09
22	---	8.52	7.76	7.39	7.65	9.22	7.24	7.13	7.26	7.33	6.93	7.06
23	---	8.20	7.79	7.42	8.22	8.10	7.22	7.09	7.23	7.27	6.90	6.98
24	---	9.36	7.61	7.43	8.29	7.77	7.21	7.27	7.25	7.20	7.01	7.59
25	---	7.94	7.56	7.40	7.85	7.64	7.19	7.50	7.20	7.16	7.02	8.98
26	---	7.67	7.53	7.38	7.68	8.16	8.44	7.27	7.18	7.11	6.91	8.00
27	---	9.14	7.56	7.39	7.59	8.90	7.71	7.17	7.25	7.12	6.84	7.36
28	---	8.04	7.52	7.54	7.73	7.92	7.42	7.13	7.33	7.14	6.79	7.18
29	---	7.71	7.52	7.58	---	7.66	7.32	7.90	7.21	7.09	9.12	7.08
30	---	8.34	7.52	7.48	---	7.58	7.72	7.54	7.34	7.01	8.72	7.02
31	---	---	7.51	8.25	---	7.79	---	7.40	---	6.99	7.48	---
MEAN	---	---	---	7.65	8.02	8.00	7.71	7.30	7.31	7.36	7.40	7.26
MAX	---	---	---	8.52	9.46	9.53	9.18	7.90	7.86	7.99	9.12	8.98
MIN	---	---	---	7.38	7.47	7.37	7.19	7.09	7.14	6.99	6.79	6.92

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.--Estimated daily discharges: May 24 - June 1. Records good except for estimated daily discharges, which are poor. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	1040	14000	1920	4510	5780	7210	386	e3170	264	684	10900
2	269	1800	12900	1830	9490	5160	7250	416	3580	274	738	10500
3	278	3720	12100	1450	12200	4950	7260	917	4150	258	797	9790
4	273	2810	10800	1270	14000	4210	7480	1790	3140	248	897	9300
5	280	3620	9680	1350	13600	3940	7480	2090	2460	239	962	9700
6	281	3520	10800	1160	12700	3360	7680	1200	5290	245	1680	10100
7	281	2580	15400	2050	12500	3810	11400	385	5170	248	1060	10300
8	290	2590	16500	3970	14500	8260	16700	803	3740	236	709	11000
9	479	2140	22300	3870	15800	10500	18500	849	2760	236	529	10300
10	2630	1500	26300	5440	16700	11500	18200	1030	3200	241	686	7900
11	2110	1860	27300	5550	16200	9890	18900	664	1860	296	857	5020
12	603	1970	29100	4300	15300	7880	20800	517	839	283	393	2940
13	359	2290	28700	5290	13700	6420	21200	726	514	249	319	1550
14	330	1670	27900	8720	12300	6780	21400	571	818	1420	264	1030
15	326	1320	26900	9610	11900	5680	20000	1920	1300	2990	386	1090
16	324	1450	24300	9140	11900	6930	18000	978	1480	4020	799	971
17	317	1510	20000	8560	11100	6610	17000	312	1500	2760	291	1540
18	289	1500	16400	7860	9360	5900	15200	267	1390	2590	301	1120
19	298	1480	13000	6940	7840	5090	12800	664	2180	2310	261	737
20	314	1350	9920	5310	6560	7340	9850	927	2040	2040	256	441
21	296	3670	6540	4550	4910	12600	7090	1100	1860	1420	256	396
22	297	4200	4210	3540	4780	14300	4390	1090	1160	998	268	378
23	295	5960	3370	2770	5850	13600	2110	293	1050	1880	265	527
24	516	7700	2470	2400	6620	11900	747	e276	383	1700	251	955
25	318	8920	1990	2180	6470	10500	617	e856	296	1360	238	3050
26	291	9440	1250	2290	6770	8690	2170	e857	282	644	243	4450
27	722	11000	1370	2250	6650	8850	1010	e328	278	390	241	2220
28	816	13000	2060	1750	5830	8080	748	e413	273	813	890	1120
29	572	13500	1930	1750	---	7500	493	e1300	274	785	5870	1720
30	562	13900	1720	1720	---	6580	469	e4760	265	352	14700	2150
31	634	---	1470	2470	---	5650	---	e3930	---	300	12800	---
TOTAL	15920	133010	402680	123260	290040	238240	304154	32615	56702	32089	48891	133195
MEAN	514	4434	12990	3976	10360	7685	10140	1052	1890	1035	1577	4440
MAX	2630	13900	29100	9610	16700	14300	21400	4760	5290	4020	14700	11000
MIN	269	1040	1250	1160	4510	3360	469	267	265	236	238	378
CFSM	0.16	1.40	4.10	1.25	3.27	2.42	3.20	0.33	0.60	0.33	0.50	1.40
IN.	0.19	1.56	4.72	1.45	3.40	2.79	3.57	0.38	0.67	0.38	0.57	1.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

MEAN	1147	2128	5803	8239	9244	9321	9136	4338	1599	1233	977	916
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	1923648		1810796			
ANNUAL MEAN	5256		4961		4483	
HIGHEST ANNUAL MEAN					12000	1983
LOWEST ANNUAL MEAN					942	1963
HIGHEST DAILY MEAN	31800	Feb 12	29100	Dec 12	126000	Apr 17 1979
LOWEST DAILY MEAN	269	Oct 2	236	Jul 8	45	Sep 18 1963
ANNUAL SEVEN-DAY MINIMUM	274	Sep 30	242	Jul 4	63	Sep 17 1963
MAXIMUM PEAK FLOW			29500	Dec 12	128000	Apr 17 1979
MAXIMUM PEAK STAGE			31.09	Dec 12	43.28	Apr 17 1979
ANNUAL RUNOFF (CFSM)	1.66		1.56		1.41	
ANNUAL RUNOFF (INCHES)	22.57		21.24		19.21	
10 PERCENT EXCEEDS	13200		13500		12900	
50 PERCENT EXCEEDS	2160		2140		1310	
90 PERCENT EXCEEDS	329		287		258	

e Estimated

02486000 PEARL RIVER AT JACKSON, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.00	6.22	23.70	8.12	12.63	14.24	16.33	5.07	---	4.31	5.21	20.92
2	3.99	7.88	22.82	7.95	19.33	13.29	16.42	5.20	11.51	4.35	5.44	20.51
3	4.03	11.35	22.02	7.14	22.19	12.97	16.43	6.63	12.47	4.28	5.64	19.74
4	4.01	9.83	20.72	6.75	23.69	11.85	16.73	8.55	10.75	4.24	5.90	19.21
5	4.04	11.24	19.62	6.93	23.35	11.42	16.74	9.17	9.50	4.20	6.03	19.64
6	4.04	11.11	20.73	6.49	22.62	10.43	17.00	7.26	14.08	4.23	7.62	20.02
7	4.04	9.41	24.66	8.35	22.39	11.09	21.34	5.11	13.96	4.24	6.28	20.25
8	4.08	9.43	25.41	11.85	24.03	17.81	25.52	6.29	11.80	4.19	5.40	20.95
9	4.70	8.56	28.37	11.67	24.98	20.44	26.74	6.42	10.08	4.19	4.89	20.22
10	9.18	7.25	29.98	14.08	25.57	21.45	26.54	6.90	10.87	4.21	5.30	17.45
11	8.44	8.00	30.32	14.23	25.24	19.80	26.91	5.96	8.33	4.43	5.76	13.45
12	5.08	8.23	30.95	12.36	24.64	17.28	27.82	5.55	6.05	4.38	4.44	10.05
13	4.33	8.86	30.83	13.73	23.44	15.20	28.00	6.13	5.16	4.23	4.18	7.35
14	4.23	7.62	30.54	18.51	22.24	15.73	28.10	5.66	6.00	7.32	3.97	6.22
15	4.21	6.86	30.17	19.55	21.85	14.09	27.47	8.80	7.15	10.25	4.30	6.36
16	4.21	7.15	29.24	19.03	21.82	15.96	26.44	6.69	7.55	11.92	5.53	6.06
17	4.18	7.29	27.45	18.32	21.08	15.49	25.77	4.86	7.59	9.75	4.08	7.34
18	4.07	7.27	25.33	17.42	19.21	14.43	24.55	4.69	7.34	9.43	4.12	6.41
19	4.11	7.21	22.86	16.19	17.24	13.18	22.67	5.80	8.97	8.89	3.96	5.46
20	4.17	6.93	19.83	13.88	15.42	16.37	19.76	6.57	8.69	8.37	3.94	4.60
21	4.10	11.21	15.61	12.75	12.91	22.49	16.41	7.00	8.31	7.07	3.94	4.46
22	4.10	12.21	12.23	11.13	12.71	23.88	12.56	6.96	6.86	6.05	3.99	4.39
23	4.09	14.83	10.84	9.77	14.34	23.40	8.64	4.78	6.58	8.05	3.98	4.85
24	4.83	17.20	9.20	9.07	15.50	21.82	5.72	---	4.73	7.67	3.92	6.02
25	4.18	18.76	8.28	8.65	15.29	20.47	5.42	---	4.43	6.95	3.87	10.14
26	4.08	19.37	6.71	8.86	15.73	18.39	8.85	---	4.38	5.17	3.89	12.57
27	5.41	20.92	6.96	8.79	15.55	18.62	6.51	---	4.36	4.42	3.88	8.71
28	5.68	22.88	8.41	7.79	14.33	17.57	5.93	---	4.34	5.68	5.53	6.42
29	5.02	23.33	8.14	7.79	---	16.77	5.28	---	4.35	5.60	14.15	7.71
30	4.99	23.57	7.72	7.72	---	15.45	5.28	---	4.31	4.30	24.15	8.60
31	5.19	---	7.18	9.13	---	14.05	---	---	---	4.11	22.70	---
MEAN	4.67	11.73	19.90	11.42	19.62	16.63	17.93	---	---	6.02	6.32	11.54
MAX	9.18	23.57	30.95	19.55	25.57	23.88	28.10	---	---	11.92	24.15	20.95
MIN	3.99	6.22	6.71	6.49	12.63	10.43	5.28	---	---	4.11	3.87	4.39

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.--Estimated daily discharges: November 4-7. Records good except for estimated daily discharges, which are poor. Statistics shown below are for water years 1929 to 1970 and 1994 through the current year, except instantaneous extremes which are shown for the entire period of record. Satellite telemeter and National Weather Service telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 10	1415	8,210	23.57	Apr. 8	0000	*8,610	*24.18
Feb. 3	0815	6,210	20.30				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	63	1640	195	2880	436	3080	221	225	53	55	1610
2	58	65	1340	193	5270	384	3840	196	151	57	51	1030
3	59	494	846	190	5950	330	2730	177	111	54	47	428
4	59	e860	505	184	3980	285	1430	166	90	52	60	239
5	73	e666	507	175	2430	254	648	152	78	49	83	168
6	72	e436	2140	171	960	228	1870	139	385	49	85	125
7	64	e218	3300	230	636	214	7920	129	1190	53	59	99
8	64	116	3730	1500	2550	828	7800	121	390	58	49	81
9	73	97	6300	1440	4140	1570	5860	117	242	63	45	69
10	243	86	8070	955	3750	1250	2780	113	177	57	46	61
11	460	81	7120	535	2180	599	829	106	233	78	100	56
12	307	461	5440	402	974	402	1600	99	174	80	75	51
13	223	535	2000	957	801	344	2020	92	130	71	61	47
14	149	254	656	3610	3900	382	1800	89	111	74	52	45
15	112	169	490	2720	3800	883	993	99	96	204	46	43
16	92	128	410	2250	2360	1200	496	101	86	369	49	135
17	80	108	367	1210	1270	1270	394	92	77	246	52	512
18	72	100	337	516	691	1110	349	86	86	206	48	268
19	69	97	316	395	517	657	318	81	88	150	48	230
20	67	94	278	342	444	501	289	75	80	114	49	159
21	66	119	256	314	425	1300	262	67	70	86	48	103
22	65	430	247	291	408	1610	237	64	65	66	65	78
23	64	564	329	261	519	2220	230	64	62	60	95	66
24	67	2000	348	228	1400	1550	229	61	58	56	94	59
25	71	2580	311	208	1010	902	218	61	55	53	77	86
26	73	1400	270	196	723	521	257	61	52	48	63	382
27	73	1380	246	189	509	3500	518	63	51	44	54	622
28	71	3030	234	183	455	3300	724	59	51	46	47	571
29	68	2080	220	236	---	1920	616	66	52	45	692	330
30	65	1340	211	301	---	855	282	131	54	44	3790	186
31	62	---	201	747	---	1210	---	194	---	53	2600	---
TOTAL	3199	20051	48665	21324	54932	32015	50619	3342	4770	2738	8785	7939
MEAN	103	668	1570	688	1962	1033	1687	108	159	88.3	283	265
MAX	460	3030	8070	3610	5950	3500	7920	221	1190	369	3790	1610
MIN	58	63	201	171	408	214	218	59	51	44	45	43
CFSM	0.24	1.57	3.69	1.62	4.62	2.43	3.97	0.25	0.37	0.21	0.67	0.62
IN.	0.28	1.76	4.26	1.87	4.81	2.80	4.43	0.29	0.42	0.24	0.77	0.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	112	315	546	956	1275	1206	1025	478	208	277	138	112
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	344692		258379			
ANNUAL MEAN	942		708		550	
HIGHEST ANNUAL MEAN					1090	1949
LOWEST ANNUAL MEAN					124	2000
HIGHEST DAILY MEAN	15900	Feb 7	8070	Dec 10	20900	Jan 7 1950
LOWEST DAILY MEAN	52	Aug 19	43	Sep 15	12	Aug 31 2000
ANNUAL SEVEN-DAY MINIMUM	57	Aug 14	48	Jul 25	13	Aug 25 2000
MAXIMUM PEAK FLOW			8610	Apr 8	26400	Apr 7 1983
MAXIMUM PEAK STAGE			24.18	Apr 8	33.48a	Apr 7 1983
ANNUAL RUNOFF (CFSM)	2.22		1.67		1.29	
ANNUAL RUNOFF (INCHES)	30.17		22.62		17.59	
10 PERCENT EXCEEDS	2660		2100		1480	
50 PERCENT EXCEEDS	300		214		126	
90 PERCENT EXCEEDS	68		54		33	

e Estimated
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. 22, Jun. 14-16 and Sept. 12-14. Records good 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)
Dec. 10	1800	*40,000	*25.44	Apr. 8	0815	28,700	22.38
Feb. 10	0900	32,500	23.57				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	719	1120	18600	2940	11100	8510	12300	2780	5590	845	1080	16300
2	694	1140	18200	2800	22200	7870	16500	2170	4890	873	850	14900
3	692	2390	17100	3160	25900	7490	17300	1920	4340	841	942	12900
4	701	7180	15600	3000	25500	7000	14400	1810	4780	831	1350	11400
5	740	7130	14100	2630	23400	6350	11600	2180	4860	796	1300	10400
6	967	5140	17300	2500	20700	5790	12800	3010	6340	783	1480	9940
7	809	4930	20600	2510	18000	5280	25400	3200	9820	735	1630	10000
8	759	4270	23800	5320	19300	5850	28500	2470	9140	752	2000	10200
9	806	3510	31000	8960	27600	10300	27500	1750	8530	838	1660	10500
10	980	3390	39200	8130	32200	12500	26500	1820	5990	900	1310	10700
11	5900	2840	38500	7520	30100	13200	25400	2000	4710	832	1130	10000
12	7370	2470	36500	7780	26600	12800	24300	2000	4250	798	1330	e7540
13	4120	2900	35100	7750	23100	11300	24400	1810	3110	850	1560	e5000
14	2230	3530	33400	11900	24500	9430	25100	1560	e2050	946	1280	e3400
15	1480	3250	31100	14800	26300	9380	25100	1650	e1500	1060	994	2380
16	1180	2580	29900	14800	25200	10700	24600	1820	e1600	2690	812	1880
17	1030	2210	29100	13700	21400	11600	23600	2600	2060	4810	1270	2040
18	939	2210	28200	12200	17700	11200	22100	2120	2390	4950	1560	2530
19	910	2280	26600	10700	14800	9690	20300	1400	2410	3810	1030	2460
20	878	2340	23800	9610	12400	8040	18300	1180	2400	3330	870	2020
21	847	2350	19200	8290	10400	10400	15700	1390	2800	2930	781	1560
22	836	e3500	13500	6940	8550	15400	12100	2110	2860	2650	717	1150
23	825	6350	9150	5940	7200	19800	8530	2270	2500	2110	692	998
24	786	8590	7040	4940	9690	20600	5630	2080	1980	1750	703	923
25	822	13000	5640	4150	11500	19000	3660	1410	1750	2290	679	969
26	982	13300	4430	3750	10400	16300	2670	1150	1280	2210	688	1760
27	960	12800	3620	3540	9540	19400	3440	1510	973	1890	672	5440
28	822	16800	2890	3600	9200	21000	5240	1670	868	1460	625	5200
29	938	18600	2910	3660	---	18400	3810	1250	834	1030	1270	3380
30	1300	18300	3350	3420	---	14100	3830	1610	811	1190	8590	2270
31	1180	---	3240	3480	---	11600	---	3640	---	1330	15100	---
TOTAL	44202	180400	602670	204420	524480	370280	490610	61340	107416	53110	55955	180140
MEAN	1426	6013	19440	6594	18730	11940	16350	1979	3581	1713	1805	6005
MAX	7370	18600	39200	14800	32200	21000	28500	3640	9820	4950	15100	16300
MIN	692	1120	2890	2500	7200	5280	2670	1150	811	735	625	923
CFSM	0.29	1.20	3.89	1.32	3.75	2.39	3.28	0.40	0.72	0.34	0.36	1.20
IN.	0.33	1.34	4.49	1.52	3.91	2.76	3.66	0.46	0.80	0.40	0.42	1.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)

MEAN	1977	3267	8523	12360	14840	14660	14430	7666	3199	2307	1953	1654
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1962 - 2005	
ANNUAL TOTAL	3407289		2875023			
ANNUAL MEAN	9310		7877		7196	
HIGHEST ANNUAL MEAN					17210	1983
LOWEST ANNUAL MEAN					2001	1963
HIGHEST DAILY MEAN	47300	Feb 12	39200	Dec 10	121000	Apr 20 1979
LOWEST DAILY MEAN	692	Oct 3	625	Aug 28	269	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	715	Sep 28	682	Aug 22	274	Oct 21 1963
MAXIMUM PEAK FLOW			40000	Dec 10	122000	Apr 20 1979
MAXIMUM PEAK STAGE			25.44	Dec 10	34.08	Apr 20 1979
INSTANTANEOUS LOW FLOW			589	Aug 29	269	Oct 24 1963
ANNUAL RUNOFF (CFSM)	1.86		1.58		1.44	
ANNUAL RUNOFF (INCHES)	25.39		21.42		19.58	
10 PERCENT EXCEEDS	25000		22100		20500	
50 PERCENT EXCEEDS	4220		3620		2610	
90 PERCENT EXCEEDS	981		850		675	

e Estimated

02488500 PEARL RIVER NEAR MONTICELLO, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.39	5.14	18.34	7.62	14.02	12.44	14.91	7.43	10.19	4.64	5.06	17.16
2	4.34	5.16	18.11	7.47	19.89	11.99	17.24	6.68	9.58	4.69	4.65	16.41
3	4.34	6.85	17.59	7.88	21.42	11.70	17.69	6.35	9.07	4.63	4.81	15.31
4	4.36	11.45	16.80	7.70	21.24	11.33	16.13	6.18	9.47	4.61	5.51	14.37
5	4.43	11.42	15.99	7.25	20.44	10.82	14.48	6.68	9.55	4.54	5.43	13.73
6	4.86	9.79	17.64	7.10	19.28	10.35	15.12	7.70	10.75	4.52	5.71	13.43
7	4.57	9.61	19.26	7.11	18.03	9.92	21.18	7.92	13.35	4.42	5.92	13.50
8	4.47	9.00	20.61	9.81	18.63	10.38	22.29	7.05	12.89	4.46	6.45	13.62
9	4.56	8.25	23.01	12.76	21.92	13.62	21.95	6.10	12.45	4.62	5.98	13.77
10	4.88	8.13	25.27	12.17	23.47	15.06	21.63	6.20	10.51	4.74	5.44	13.92
11	10.19	7.51	25.10	11.72	22.83	15.48	21.23	6.45	9.41	4.61	5.16	13.48
12	11.59	7.06	24.63	11.92	21.66	15.26	20.81	6.46	8.98	4.55	5.47	---
13	8.82	7.58	24.28	11.89	20.34	14.34	20.84	6.19	7.81	4.65	5.82	---
14	6.74	8.28	23.83	14.64	20.88	13.09	21.11	5.83	---	4.83	5.40	---
15	5.71	7.98	23.15	16.38	21.55	13.05	21.12	5.97	---	5.03	4.91	6.95
16	5.23	7.19	22.76	16.35	21.13	13.94	20.92	6.20	---	7.28	4.58	6.28
17	4.97	6.72	22.52	15.76	19.61	14.49	20.51	7.21	6.53	9.50	5.36	6.50
18	4.81	6.73	22.20	14.88	17.87	14.24	19.90	6.60	6.96	9.63	5.83	7.13
19	4.76	6.82	21.66	13.90	16.36	13.26	19.15	5.58	6.99	8.56	4.98	7.05
20	4.70	6.90	20.60	13.21	14.97	12.11	18.19	5.23	6.97	8.06	4.69	6.47
21	4.64	6.91	18.59	12.29	13.73	13.71	16.84	5.55	7.46	7.61	4.51	5.83
22	4.62	---	15.63	11.28	12.47	16.65	14.82	6.60	7.53	7.28	4.39	5.19
23	4.60	10.81	12.88	10.48	11.48	18.92	12.44	6.81	7.10	6.60	4.34	4.92
24	4.52	12.44	11.36	9.62	13.24	19.25	10.20	6.55	6.42	6.10	4.36	4.78
25	4.59	15.37	10.23	8.89	14.43	18.51	8.40	5.59	6.11	6.83	4.31	4.85
26	4.89	15.54	9.15	8.50	13.74	17.14	7.31	5.18	5.40	6.73	4.33	6.03
27	4.85	15.22	8.36	8.28	13.16	18.70	8.12	5.74	4.87	6.30	4.30	10.04
28	4.60	17.41	7.56	8.34	12.93	19.46	9.89	5.98	4.68	5.67	4.20	9.84
29	4.80	18.34	7.58	8.41	---	18.21	8.54	5.34	4.62	4.97	5.19	8.09
30	5.42	18.16	8.08	8.16	---	15.96	8.56	5.89	4.57	5.25	12.34	6.81
31	5.22	---	7.96	8.21	---	14.50	---	8.29	---	5.48	16.55	---
MEAN	5.34	---	17.44	10.64	17.88	14.45	16.38	6.37	---	5.85	5.68	---
MAX	11.59	---	25.27	16.38	23.47	19.46	22.29	8.29	---	9.63	16.55	---
MIN	4.34	---	7.56	7.10	11.48	9.92	7.31	5.18	---	4.42	4.20	---

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: Apr. 26, May 2,8, 20-22, 26-28, 30 and Jun. 16-17, 27-29. 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.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1210	1740	18600	4190	6620	10700	25400	6700	4530	1550	2100	16600
2	1220	1720	18800	3880	16700	9900	21100	e4400	6080	1600	1950	16900
3	1200	2200	18400	3750	23400	9530	19900	3600	5460	1650	1700	15700
4	1230	4120	17500	3980	25700	9230	19800	3200	5000	1540	1680	14100
5	1260	7770	16200	3800	25700	8430	17000	2970	5430	1470	2020	12700
6	1260	7280	15400	3480	24400	7600	14600	3180	5970	1510	2020	11700
7	1430	5710	18200	3380	22100	6980	19900	3890	8840	1520	2160	11300
8	1380	5430	21200	4080	20100	6550	26400	e4060	11100	1390	2260	11400
9	1360	4730	23600	7110	23200	7880	28900	3370	10400	1410	2570	11600
10	1500	4070	28600	9600	30200	11800	28700	2740	9230	1420	2350	11800
11	1880	3930	33500	8780	32200	13700	27900	2730	6810	1490	2190	11900
12	6680	3420	35300	8350	31400	14300	28100	2850	5590	1440	1970	11100
13	7210	3110	34800	8970	28900	14000	27000	2810	4950	1370	2340	8890
14	4500	3470	33900	10400	26200	12400	26100	2640	3820	1410	2290	6380
15	2850	4000	32700	13500	26000	10900	26100	2460	2840	1540	2030	4600
16	2150	3720	31400	15500	26800	12500	26200	2450	e2330	1700	1740	3460
17	1830	3110	30100	15500	26400	13300	25900	2580	e2250	3420	1530	3000
18	1660	2770	29100	14600	23700	13400	25200	3200	2630	5810	1810	3000
19	1560	2770	28300	13200	19900	12600	24000	2810	2960	5730	2170	3350
20	1510	2910	27100	11700	16700	11100	22400	e2230	2940	4610	1750	3260
21	1460	3220	25100	10600	14200	10200	20500	e2080	2940	4140	1590	2830
22	1420	3110	21000	9210	12100	13200	17800	e2150	3250	4410	1560	2390
23	1390	4340	15600	7790	10200	18000	14000	2680	3320	3670	1440	1990
24	1390	7040	10900	6700	9380	20900	10200	2860	2980	2950	1360	1820
25	1360	10200	8470	5720	11900	21600	7150	2710	2510	2540	1330	1740
26	1370	13100	6850	5000	13000	20600	e5350	e2200	2320	2920	1320	1710
27	1490	13700	5660	4600	11900	19000	4620	e2020	e2120	2870	1310	2530
28	1510	14200	4810	4400	11100	20800	5100	e2180	e1900	2590	1300	6090
29	1380	16700	4100	4570	---	22200	6270	2270	e1750	2260	2900	5810
30	1420	18300	4050	4600	---	20300	5670	e2100	1590	1870	8240	4130
31	1760	---	4310	4420	---	20000	---	2450	---	1980	13700	---
TOTAL	60830	181890	623550	235360	570100	423600	577260	90570	133840	75780	76680	223780
MEAN	1962	6063	20110	7592	20360	13660	19240	2922	4461	2445	2474	7459
MAX	7210	18300	35300	15500	32200	22200	28900	6700	11100	5810	13700	16900
MIN	1200	1720	4050	3380	6620	6550	4620	2020	1590	1370	1300	1710
MED	1430	4040	18800	6700	22600	12600	20800	2730	3280	1700	1970	5950
CFSM	0.34	1.06	3.52	1.33	3.56	2.39	3.36	0.51	0.78	0.43	0.43	1.30
IN.	0.40	1.18	4.06	1.53	3.71	2.75	3.75	0.59	0.87	0.49	0.50	1.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	3950	5294	9096	8832	16300	16000	12970	4118	4900	4998	3711	4237
MAX	12630	16090	20110	12280	29320	31090	19240	8621	10440	11570	7702	8679
(WY)	2003	2003	2005	2004	2004	2001	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	3635980		3273240			
ANNUAL MEAN	9934		8968		7816	
HIGHEST ANNUAL MEAN					12300	2003
LOWEST ANNUAL MEAN					2700	2000
HIGHEST DAILY MEAN	46800	Feb 14	35300	Dec 12	64400	Mar 5 2001
LOWEST DAILY MEAN	1120	Sep 30	1200	Oct 3	799	Oct 29 2000
ANNUAL SEVEN-DAY MINIMUM	1160	Sep 24	1260	Oct 1	805	Oct 24 2000
MAXIMUM PEAK FLOW			35500	Dec 12	72600	Apr 9 1938
MAXIMUM PEAK STAGE			18.09	Dec 12	26.40	Apr 9 1938
INSTANTANEOUS LOW FLOW			1180	Oct 4	705	Oct 21 1952
ANNUAL RUNOFF (CFSM)	1.74		1.57		1.37	
ANNUAL RUNOFF (INCHES)	23.65		21.29		18.57	
10 PERCENT EXCEEDS	25300		23800		20300	
50 PERCENT EXCEEDS	5460		4610		3780	
90 PERCENT EXCEEDS	1590		1520		1150	

e Estimated

02489000 PEARL RIVER NEAR COLUMBIA, MS--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.80	1.34	11.72	3.64	5.32	7.84	14.43	5.45	3.88	1.29	1.65	10.84
2	0.79	1.32	11.78	3.40	10.82	7.38	12.71	---	5.03	1.34	1.50	10.96
3	0.77	1.80	11.62	3.30	13.63	7.17	12.24	3.18	4.59	1.39	1.24	10.43
4	0.80	3.41	11.25	3.48	14.53	6.99	12.20	2.85	4.25	1.27	1.22	9.61
5	0.83	5.99	10.68	3.34	14.55	6.53	11.00	2.65	4.57	1.19	1.57	8.86
6	0.83	5.68	10.30	3.08	14.04	6.02	9.90	2.84	4.95	1.24	1.57	8.35
7	1.02	4.62	11.54	3.00	13.14	5.64	12.24	3.41	6.75	1.25	1.71	8.13
8	0.96	4.42	12.76	3.56	12.33	5.35	14.80	---	8.09	1.12	1.81	8.17
9	0.95	3.91	13.73	5.67	13.55	6.18	15.74	2.99	7.67	1.13	2.10	8.25
10	1.09	3.41	15.63	7.20	16.22	8.47	15.67	2.45	6.99	1.15	1.90	8.39
11	1.48	3.31	17.39	6.73	16.94	9.46	15.37	2.44	5.52	1.22	1.74	8.46
12	5.24	2.89	18.03	6.48	16.64	9.77	15.42	2.55	4.68	1.17	1.52	7.99
13	5.63	2.63	17.87	6.84	15.72	9.58	15.04	2.51	4.21	1.09	1.89	6.62
14	3.74	2.94	17.53	7.69	14.74	8.79	14.69	2.36	3.36	1.13	1.84	5.03
15	2.41	3.36	17.13	9.37	14.65	7.96	14.70	2.19	2.54	1.28	1.58	3.75
16	1.76	3.14	16.67	10.34	14.96	8.84	14.72	2.18	---	1.44	1.28	2.86
17	1.44	2.63	16.18	10.34	14.80	9.27	14.62	2.31	---	2.93	1.06	2.48
18	1.26	2.33	15.82	9.91	13.77	9.29	14.34	2.85	2.35	4.67	1.36	2.48
19	1.16	2.34	15.51	9.18	12.25	8.90	13.87	2.51	2.64	4.58	1.72	2.78
20	1.10	2.46	15.07	8.40	10.90	8.05	13.25	---	2.63	3.77	1.30	2.71
21	1.05	2.73	14.30	7.79	9.70	7.56	12.48	---	2.63	3.41	1.13	2.33
22	1.01	2.63	12.70	6.98	8.62	9.18	11.33	---	2.90	3.61	1.10	1.93
23	0.97	3.61	10.34	6.14	7.53	11.45	9.59	2.40	2.96	3.04	0.97	1.54
24	0.98	5.56	7.97	5.45	7.08	12.66	7.54	2.56	2.66	2.44	0.88	1.36
25	0.95	7.46	6.55	4.78	8.54	12.93	5.73	2.42	2.24	2.07	0.85	1.29
26	0.95	9.12	5.54	4.26	9.11	12.51	---	---	2.07	2.41	0.84	1.26
27	1.08	9.42	4.73	3.96	8.54	11.86	3.97	---	---	2.36	0.82	2.02
28	1.11	9.68	4.11	3.80	8.08	12.60	4.32	---	---	2.11	0.81	4.83
29	0.96	10.87	3.58	3.94	---	13.17	5.16	2.02	---	1.80	2.24	4.63
30	1.01	11.57	3.54	3.96	---	12.38	4.74	---	1.33	1.42	6.21	3.39
31	1.37	---	3.74	3.82	---	12.26	---	2.19	---	1.53	9.44	---
MEAN	1.47	4.55	11.78	5.80	12.17	9.23	---	---	---	2.00	1.83	5.39
MAX	5.63	11.57	18.03	10.34	16.94	13.17	---	---	---	4.67	9.44	10.96
MIN	0.77	1.32	3.54	3.00	5.32	5.35	---	---	---	1.09	0.81	1.26
MED	1.02	3.38	11.78	5.45	13.35	8.90	---	---	---	1.42	1.52	4.73

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 2005" (WDR LA-05-1).

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: October 28-31. 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)
Dec. 11	0400	*14,300	*19.77	Feb. 11	0000	11,300	17.88
Feb. 2	1700	6,850	14.45	Apr. 11	1200	6,300	13.94

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	272	300	1140	413	2640	501	5110	2420	1140	283	333	1410
2	272	315	1220	409	6190	468	3080	1120	606	279	335	793
3	272	617	760	407	6000	573	1490	564	438	284	316	499
4	307	957	558	401	4720	711	977	461	380	456	318	417
5	319	815	492	397	2700	670	780	418	355	370	311	379
6	289	470	503	398	1100	557	1300	394	377	311	306	355
7	284	385	1360	402	814	505	3590	379	1050	289	298	341
8	296	351	2090	978	924	520	4310	370	3290	289	296	331
9	327	331	3620	1420	5000	534	4150	364	2760	310	294	325
10	372	321	8740	966	10400	520	1770	360	1350	306	293	320
11	855	327	11000	622	8680	479	1000	357	804	288	289	315
12	1090	331	3700	534	3630	452	2580	352	549	269	284	310
13	822	323	1330	584	1460	433	1570	346	459	267	288	306
14	452	321	799	1190	2260	418	1020	342	407	274	285	303
15	372	315	653	1410	2690	478	748	347	375	294	278	300
16	342	310	580	861	2770	2510	632	337	355	497	316	301
17	327	307	539	615	1530	1880	564	332	341	756	290	308
18	320	310	508	529	846	1060	519	328	338	767	293	330
19	315	316	485	484	694	739	486	325	327	541	300	320
20	310	359	462	462	606	607	465	318	321	396	322	307
21	307	447	449	448	564	708	448	318	310	373	290	299
22	304	438	452	437	533	1350	434	318	300	392	303	293
23	301	384	630	414	519	2370	426	345	295	354	283	291
24	299	458	687	398	636	2130	408	321	290	338	274	372
25	301	777	576	389	862	1430	396	316	288	320	271	348
26	298	1160	507	387	747	778	397	312	284	309	269	326
27	305	870	470	382	614	698	390	308	280	310	269	327
28	e298	1080	447	388	546	1370	401	304	298	312	266	307
29	e295	1110	434	459	---	1510	403	323	421	317	730	295
30	e300	711	425	493	---	752	791	470	304	317	2230	289
31	e305	---	416	527	---	1040	---	701	---	324	2070	---
TOTAL	11528	15516	46032	18204	70675	28751	40635	14270	19092	11192	13300	11417
MEAN	372	517	1485	587	2524	927	1354	460	636	361	429	381
MAX	1090	1160	11000	1420	10400	2510	5110	2420	3290	767	2230	1410
MIN	272	300	416	382	519	418	390	304	280	267	266	289
CFSM	0.76	1.05	3.02	1.19	5.13	1.89	2.75	0.94	1.29	0.73	0.87	0.77
IN.	0.87	1.17	3.48	1.38	5.34	2.17	3.07	1.08	1.44	0.85	1.01	0.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	404	510	857	1240	1506	1350	1254	828	535	469	420	408
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	414743		300612			
ANNUAL MEAN	1133		824		811	
HIGHEST ANNUAL MEAN					1301	1983
LOWEST ANNUAL MEAN					269	2000
HIGHEST DAILY MEAN	19900	Feb 7	11000	Dec 11	56900	Apr 7 1983
LOWEST DAILY MEAN	272	Oct 1	266	Aug 28	141	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	274	Sep 27	276	Aug 22	146	Sep 2 2000
MAXIMUM PEAK FLOW			14300	Dec 11	64200	Apr 7 1983
MAXIMUM PEAK STAGE			19.77	Dec 11	34.62	Apr 7 1983
ANNUAL RUNOFF (CFSM)	2.30		1.67		1.65	
ANNUAL RUNOFF (INCHES)	31.36		22.73		22.41	
10 PERCENT EXCEEDS	2210		1500		1570	
50 PERCENT EXCEEDS	436		408		394	
90 PERCENT EXCEEDS	300		294		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. 14-15, Nov. 7-8, 14-15, Dec. 15-16, 27-29, Jan. 17-19, 24-28, Feb. 2, and Mar. 13-25. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	15	322	75	711	110	2690	4590	525	8.3	77	2110
2	7.5	49	249	76	e2540	90	5520	1570	245	8.7	113	1020
3	7.4	479	163	77	2360	88	1580	394	122	11	80	431
4	7.8	1010	123	72	1110	106	463	215	79	10	45	288
5	28	516	125	71	389	99	286	147	54	12	34	231
6	15	165	244	87	265	78	240	109	36	261	33	199
7	15	e93	313	95	213	68	288	88	222	603	30	173
8	14	e58	393	437	194	98	220	74	84	372	24	151
9	23	46	296	560	199	119	160	64	67	229	21	136
10	147	39	301	338	216	85	124	57	56	174	20	123
11	267	41	200	213	180	66	103	48	49	172	23	113
12	218	92	134	169	143	61	891	43	41	126	25	104
13	117	108	105	200	125	e64	1220	37	35	86	21	97
14	e62	e79	87	532	204	e59	495	32	24	91	17	90
15	e40	e55	e77	449	338	e58	196	29	20	141	15	76
16	31	40	e71	259	227	189	129	27	18	145	13	71
17	25	34	69	e161	162	348	97	25	17	117	12	68
18	21	33	66	e113	126	206	79	22	18	81	11	67
19	20	43	63	e85	104	128	67	20	24	53	10	64
20	34	96	60	78	93	96	60	19	20	39	9.5	62
21	52	394	58	76	89	98	54	18	15	74	10	60
22	35	358	62	89	87	117	40	17	13	665	13	59
23	25	197	231	83	87	219	34	16	12	330	34	73
24	22	810	340	e72	107	135	30	15	12	130	134	118
25	23	1090	239	e63	192	84	27	14	12	79	111	134
26	36	486	157	e55	187	68	49	14	10	60	178	141
27	41	246	e120	e52	136	77	79	13	9.4	51	142	119
28	22	305	e99	e50	123	95	66	13	8.9	40	79	98
29	20	218	e86	64	---	72	49	13	8.6	26	1820	84
30	29	165	79	79	---	58	644	56	8.4	23	8570	74
31	16	---	76	72	---	57	---	362	---	20	5430	---
TOTAL	1428.2	7360	5008	4902	10907	3296	15980	8161	1865.3	4238.0	17154.5	6634
MEAN	46.1	245	162	158	390	106	533	263	62.2	137	553	221
MAX	267	1090	393	560	2540	348	5520	4590	525	665	8570	2110
MIN	7.4	15	58	50	87	57	27	13	8.4	8.3	9.5	59
MED	25	102	123	83	189	90	127	32	22	81	30	108
CFSM	0.54	2.85	1.88	1.84	4.52	1.23	6.19	3.06	0.72	1.59	6.43	2.57
IN.	0.62	3.18	2.16	2.12	4.71	1.42	6.90	3.53	0.81	1.83	7.41	2.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	102	120	126	257	256	301	206	153	166	156	119	130
MAX	620	508	455	1152	572	675	533	696	468	647	553	423
(WY)	2003	2003	2003	1998	1997	1998	2005	2004	2004	2003	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	85297.1		86934.0			
ANNUAL MEAN	233		238		174	
HIGHEST ANNUAL MEAN					315	2003
LOWEST ANNUAL MEAN					15.0	2000
HIGHEST DAILY MEAN	3650	Apr 26	8570	Aug 30	8570	Aug 30 2005
LOWEST DAILY MEAN	7.4	Oct 3	7.4	Oct 3	0.32	Nov 1 2000
ANNUAL SEVEN-DAY MINIMUM	7.8	Sep 28	8.9	Jun 26	0.37	Oct 27 2000
MAXIMUM PEAK FLOW			10000	Aug 30	10000	Aug 30 2005
MAXIMUM PEAK STAGE			20.08	Aug 30	20.08	Aug 30 2005
INSTANTANEOUS LOW FLOW			7.2	Oct 3	0.31	Oct 31 2000
ANNUAL RUNOFF (CFSM)	2.71		2.77		2.02	
ANNUAL RUNOFF (INCHES)	36.85		37.56		27.44	
10 PERCENT EXCEEDS	576		391		356	
50 PERCENT EXCEEDS	74		79		49	
90 PERCENT EXCEEDS	16		15		6.1	

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: December 28,29. 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. 2	1245	3,130	15.64	May 1	0915	6,350	18.74
Apr. 1	2200	10,300	20.32	Aug. 30	2345	*12,600	*20.95
Apr. 12	1930	3,720	16.18				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	38	212	74	1790	117	7370	5950	614	58	538	4780
2	34	44	194	72	3050	95	7660	2620	392	56	112	1560
3	34	231	128	70	2200	94	3110	706	210	56	73	660
4	35	201	100	68	896	117	1060	389	129	54	68	411
5	59	109	96	67	479	118	645	259	96	66	64	295
6	60	70	121	69	344	98	489	194	154	1110	65	225
7	45	55	263	70	276	87	429	159	118	1080	55	185
8	42	47	466	660	237	134	358	136	104	391	50	159
9	53	43	255	725	221	141	278	120	88	206	48	141
10	119	41	237	301	272	98	218	110	72	320	51	126
11	257	42	166	183	232	84	213	101	63	236	54	116
12	193	51	121	142	166	73	3290	93	59	169	47	106
13	98	54	101	243	140	69	3100	87	55	170	45	99
14	71	51	86	1090	389	65	1040	86	51	190	44	93
15	58	46	76	524	368	81	455	80	48	231	43	89
16	51	43	70	246	225	422	306	74	52	148	42	85
17	47	41	68	167	163	397	233	70	47	121	40	82
18	44	41	66	129	131	217	184	67	50	100	39	79
19	55	40	64	110	108	154	155	63	48	82	39	76
20	51	62	62	100	98	131	136	59	45	70	40	74
21	46	90	61	96	94	155	122	58	43	75	40	71
22	43	97	70	97	92	242	113	55	43	570	39	69
23	42	79	593	87	90	196	101	53	46	200	42	72
24	41	320	410	77	108	165	91	52	45	106	128	88
25	50	892	194	71	191	134	86	50	44	78	86	84
26	46	236	135	69	189	116	100	48	44	67	95	78
27	41	155	113	67	134	114	108	46	43	65	56	74
28	39	222	e89	67	129	107	105	45	42	54	46	70
29	38	154	e86	77	---	98	89	58	42	53	4120	67
30	37	116	79	88	---	91	3520	1310	42	53	11500	63
31	36	---	77	84	---	165	---	1670	---	50	10600	---
TOTAL	1899	3711	4859	5990	12812	4375	35164	14868	2929	6285	28309	10177
MEAN	61.3	124	157	193	458	141	1172	480	97.6	203	913	339
MAX	257	892	593	1090	3050	422	7660	5950	614	1110	11500	4780
MIN	34	38	61	67	90	65	86	45	42	50	39	63
MED	46	58	101	88	206	117	256	86	50	100	51	88
CFSM	0.35	0.71	0.90	1.10	2.61	0.81	6.70	2.74	0.56	1.16	5.22	1.94
IN.	0.40	0.79	1.03	1.27	2.72	0.93	7.47	3.16	0.62	1.34	6.02	2.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	158	115	211	425	540	498	358	199	292	229	169	143
MAX	963	579	654	1920	1792	1231	1172	604	1098	1103	913	727
(WY)	2003	2003	2003	1998	1966	1998	2005	2004	2004	2003	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	132754		131378			
ANNUAL MEAN	363		360		278	
HIGHEST ANNUAL MEAN					510	2003
LOWEST ANNUAL MEAN					37.2	2000
HIGHEST DAILY MEAN	7590	Apr 26	11500	Aug 30	11500	Aug 30 2005
LOWEST DAILY MEAN	34	Oct 1	34	Oct 1	4.9	Oct 30 2000
ANNUAL SEVEN-DAY MINIMUM	35	Sep 28	39	Oct 27	5.8	Oct 27 2000
MAXIMUM PEAK FLOW			12600	Aug 30	27800	Jan 21 1993
MAXIMUM PEAK STAGE			20.95	Aug 30	23.43	Jan 21 1993
ANNUAL RUNOFF (CFSM)	2.07		2.06		1.59	
ANNUAL RUNOFF (INCHES)	28.22		27.93		21.55	
10 PERCENT EXCEEDS	901		483		570	
50 PERCENT EXCEEDS	108		93		73	
90 PERCENT EXCEEDS	44		44		24	

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.
TURBIDITY: July 2004 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 good. Turbidity records poor. 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.--
GAGE HEIGHT: Maximum recorded, 7.82 ft, Sept. 26, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, -2.41 ft, Dec. 11, 2004, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 420 FNU, Feb. 7, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 0.5 FNU, July 23, 2004, 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, 33.2°C, Aug. 20, 2005, 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, 5.22 ft, Aug. 29 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -2.41 ft, Dec. 11, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 420 FNU, Feb. 7, but may have been higher during periods of instrument malfunction; minimum recorded, 7 FNU, on several days in water year, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 38,000 microsiemens, Oct. 10, but may have been higher during periods of instrument malfunction; minimum recorded, 53 microsiemens, Apr. 5, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 9.2°C, Jan. 24, 25, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.89	-0.52	0.23	1.92	0.34	1.18	0.55	-1.10	-0.42	---	---	---
2	1.02	-0.77	0.07	2.04	0.41	1.19	0.79	-0.94	---	---	---	---
3	0.91	-0.78	0.03	2.01	-0.14	0.89	0.45	-0.74	-0.15	---	---	---
4	0.96	-0.50	0.19	1.03	-1.00	-0.12	0.55	-0.56	-0.03	---	---	---
5	0.80	-0.54	0.19	0.49	-0.75	-0.10	0.73	-0.38	0.15	---	---	---
6	1.22	0.04	0.68	0.51	-0.89	-0.14	0.73	-0.15	0.25	---	---	---
7	2.09	1.03	1.71	-0.12	-0.86	-0.45	0.71	-0.40	0.09	1.11	-0.88	0.11
8	3.09	1.52	2.39	-0.02	-0.63	-0.30	0.93	-0.48	0.27	0.98	-1.20	-0.08
9	3.08	1.91	2.56	1.11	-0.16	0.45	0.97	-0.73	0.13	0.91	-1.35	-0.25
10	4.12	1.84	2.97	2.14	1.11	1.61	0.75	-1.58	-0.82	0.97	-1.42	-0.27
11	1.84	0.66	1.35	1.92	0.21	1.03	0.10	-2.41	-1.44	1.22	-1.15	-0.02
12	0.87	0.08	0.49	1.49	-0.31	0.60	0.43	-2.03	-0.84	1.38	-0.75	0.34
13	0.20	-0.50	-0.14	1.39	-0.52	0.43	0.43	-2.29	-1.13	1.67	-0.45	0.63
14	0.02	-0.65	-0.27	2.24	0.00	0.95	-0.18	-2.06	-1.20	1.01	-0.53	-0.03
15	0.58	-1.04	-0.48	2.37	0.42	---	-0.08	-1.77	-0.89	0.59	-0.20	0.15
16	0.68	-1.18	-0.18	---	-0.14	---	0.25	-0.72	-0.26	-0.20	-1.11	-0.55
17	0.91	-1.21	-0.15	1.77	-0.23	0.75	0.41	-0.85	-0.28	-0.23	-1.35	-0.73
18	1.25	-0.70	0.27	1.61	-0.34	---	0.08	-0.82	-0.42	0.23	-0.89	-0.37
19	1.44	-0.93	0.20	1.37	-0.39	0.49	-0.44	-1.69	-1.32	0.47	-1.37	-0.46
20	1.12	-1.11	0.05	0.92	0.22	0.58	---	---	---	0.65	-1.58	-0.50
21	0.83	-0.95	-0.02	0.95	0.04	0.41	---	---	---	0.86	-1.46	-0.34
22	0.75	-0.65	0.16	0.80	-0.20	0.33	---	---	---	0.70	-1.40	-0.44
23	1.21	-0.23	0.57	1.21	-0.23	0.43	---	---	---	0.22	-1.46	-0.72
24	0.34	-0.22	0.13	1.21	-0.43	0.34	---	---	---	0.29	-1.32	-0.50
25	0.26	-0.44	-0.06	0.64	-1.40	-0.55	---	---	---	0.48	-1.70	-0.72
26	0.76	-0.51	0.21	1.44	-0.82	0.13	---	---	---	0.54	-1.30	-0.38
27	0.99	-0.61	0.26	1.46	-0.36	0.25	---	---	---	0.62	-1.16	-0.25
28	1.01	-0.65	0.23	1.12	-0.53	0.13	---	---	---	2.55	0.39	1.28
29	1.11	-0.67	0.25	1.21	-0.59	0.31	---	---	---	2.55	0.09	0.87
30	1.20	-0.64	0.33	1.35	-0.27	0.37	---	---	---	0.93	0.14	0.49
31	1.69	-0.38	0.56	---	---	---	---	---	---	1.30	0.36	0.99

3010580893139 00 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.02	0.80	1.32	-0.13	-1.49	-0.89	1.90	-0.24	1.04	1.45	-0.47	0.57
2	2.14	0.31	1.30	0.58	-1.58	-0.27	0.31	-1.42	-0.55	1.12	-0.21	0.53
3	0.95	-0.57	0.18	1.34	-0.81	0.27	0.25	-1.40	-0.56	0.89	-0.14	0.48
4	0.95	-0.86	0.08	0.97	-0.86	0.03	0.57	-1.66	-0.56	0.99	0.09	0.43
5	1.21	-0.76	0.21	0.33	-1.41	-0.52	1.16	-0.83	0.06	0.50	-0.36	0.19
6	2.00	-0.76	0.50	0.78	-1.53	-0.37	1.27	0.17	0.73	1.10	-0.47	0.41
7	2.00	-0.41	0.70	1.02	-1.28	-0.14	0.44	-0.80	-0.33	0.83	-0.79	0.13
8	1.77	-0.31	0.77	0.77	-1.63	-0.54	0.15	-0.77	-0.24	1.21	-0.73	0.35
9	1.72	-0.46	0.57	0.45	-0.70	0.05	0.56	-0.89	0.01	1.27	-0.64	0.31
10	1.20	-0.65	-0.01	0.11	-1.39	-0.76	1.29	-0.74	0.59	1.51	-0.64	0.53
11	0.42	-0.68	-0.18	-0.11	-1.42	-0.87	1.83	-0.03	1.12	1.29	-0.59	0.30
12	0.18	-0.66	-0.28	-0.44	-1.49	-0.85	1.44	-0.31	0.58	1.17	-0.76	0.21
13	1.03	-0.37	0.52	0.15	-1.40	-0.59	0.89	-0.88	-0.07	1.37	-0.66	0.42
14	0.65	-0.41	0.14	0.23	-1.24	-0.43	1.09	-1.34	-0.07	1.36	-0.25	0.56
15	1.13	-0.24	0.42	1.44	-0.82	0.42	0.86	-0.80	0.00	1.22	-0.37	0.41
16	1.00	-0.84	0.13	0.82	-0.66	0.04	0.94	-1.15	-0.07	1.26	-0.22	0.56
17	1.21	-0.73	0.28	0.30	-1.22	-0.44	0.71	-1.10	-0.18	1.02	-0.32	0.42
18	1.12	-0.47	0.37	0.45	-1.16	-0.34	0.55	-0.99	-0.14	0.77	-0.13	---
19	1.20	-0.56	0.35	0.50	-1.25	-0.35	0.74	-0.58	0.15	0.66	0.05	0.28
20	1.10	-0.51	0.32	0.76	-1.14	-0.11	0.77	-0.30	0.37	0.53	---	---
21	0.99	-0.65	0.17	1.15	-0.80	0.20	0.73	-0.08	0.33	0.77	-0.77	-0.01
22	0.77	-0.90	-0.04	1.19	-0.03	0.62	0.28	-0.79	-0.02	1.41	-0.64	0.45
23	0.79	-0.89	0.05	0.83	-0.78	-0.15	0.14	-1.16	-0.62	0.83	-1.07	0.03
24	0.75	-0.69	0.12	0.51	-0.25	0.20	0.63	-1.28	-0.30	0.70	-1.39	-0.33
25	0.85	-0.22	0.21	0.59	-0.31	0.05	1.14	-1.28	0.07	1.50	-1.50	0.08
26	0.87	0.33	0.60	0.84	0.01	0.38	0.97	-0.75	0.35	1.55	-0.97	0.39
27	1.07	0.06	0.78	0.51	-1.55	-0.10	1.31	-0.85	0.22	1.46	-0.93	0.31
28	0.11	-0.91	-0.46	-0.74	-1.88	-1.36	1.37	-1.29	0.11	1.25	-0.97	0.18
29	---	---	---	0.35	-1.86	-0.66	1.40	-0.71	0.38	1.44	-0.69	0.27
30	---	---	---	0.95	-1.29	-0.01	1.23	-0.39	0.39	1.49	-0.23	0.89
31	---	---	---	1.02	-0.98	0.17	---	---	---	1.24	0.38	0.82

		JUNE			JULY			AUGUST			SEPTEMBER	
1	0.84	-0.03	0.43	1.05	-0.91	0.20	1.18	-0.78	0.28	---	---	---
2	1.07	-0.13	0.58	0.93	-1.21	0.06	1.27	-0.73	0.26	---	---	---
3	1.32	-0.24	0.65	1.01	---	---	1.25	-0.72	0.39	---	---	---
4	1.57	-0.19	0.80	---	---	---	1.50	-0.62	0.47	---	---	---
5	1.78	-0.06	1.01	---	---	---	1.23	-0.41	0.51	---	---	---
6	---	-0.18	---	---	---	---	1.10	-0.37	0.43	---	---	---
7	1.55	-0.43	0.62	---	---	---	0.92	-0.41	0.26	---	---	---
8	1.45	-0.57	0.48	---	---	---	0.58	-0.48	0.09	---	---	---
9	1.60	-0.52	0.59	---	---	---	0.30	-0.48	-0.04	---	---	---
10	2.33	-0.24	1.09	---	---	---	0.16	-0.42	-0.09	---	---	---
11	2.17	0.61	1.40	---	---	---	0.43	-0.44	-0.06	---	---	---
12	1.80	0.42	1.11	---	---	---	0.65	-0.79	-0.09	---	---	---
13	1.62	0.08	0.85	---	---	---	0.75	-0.80	-0.03	---	---	---
14	1.22	0.02	0.65	---	---	---	0.86	-0.89	0.04	---	---	---
15	0.68	-0.32	0.22	---	---	---	1.08	-1.08	0.08	---	---	---
16	0.69	-0.36	0.18	---	---	---	1.27	-0.98	0.17	---	---	---
17	1.02	-0.55	0.23	---	---	---	1.06	-1.08	0.06	---	---	---
18	1.39	-0.57	0.51	---	---	---	1.30	-1.06	0.23	---	---	---
19	1.47	-0.79	0.46	---	---	---	1.20	-0.95	0.20	---	---	---
20	1.53	-0.71	0.52	---	---	---	0.92	-0.69	0.15	---	---	---
21	1.64	-0.62	0.61	---	-0.39	---	0.84	-0.69	0.10	---	---	---
22	1.76	-0.57	0.63	1.79	-0.61	0.68	0.61	-0.39	0.19	---	---	---
23	1.76	-0.70	0.56	1.15	-0.60	0.21	0.84	0.02	0.46	---	---	---
24	1.73	-0.73	0.57	1.00	-0.87	0.02	0.90	-0.04	0.45	---	---	---
25	1.71	-0.51	0.67	0.75	-0.59	0.18	1.11	-0.32	0.43	---	---	---
26	1.61	-0.29	0.75	0.37	-0.10	0.17	1.30	-0.20	0.56	---	---	---
27	1.16	-0.06	0.57	0.40	-0.43	0.01	1.60	0.07	0.84	---	---	---
28	1.10	0.03	0.63	0.56	-0.99	-0.05	3.81	0.78	2.54	---	---	---
29	1.06	0.14	0.68	0.92	-0.97	0.08	---	---	---	---	---	---
30	0.99	-0.46	0.32	1.02	-0.88	0.13	---	---	---	---	---	---
31	---	---	---	1.14	-0.77	0.27	---	---	---	---	---	---

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

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

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	2.9	---	---	---	---	---
2	---	---	---	---	---	---	2.5	---	---	---	---	---
3	---	---	---	---	---	---	18	---	---	---	---	---
4	---	---	---	---	---	---	3.2	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	20	---	---	---	---	---
8	---	---	---	---	---	---	49	---	---	---	---	---
9	---	---	---	---	---	---	8.3	---	---	2.0	---	---
10	---	---	---	---	---	---	17	---	---	---	---	---
11	---	---	---	---	---	---	3.7	---	---	18	---	---
12	---	---	---	---	---	---	---	---	---	22	---	---
13	---	---	---	---	---	---	10	---	---	38	---	---
14	---	---	---	---	---	---	0.2	---	---	31	---	---
15	---	---	---	---	---	---	1.0	---	---	140	2.0	47
16	---	---	---	---	---	---	---	---	---	220	2.0	56
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	9.0	---	---
19	---	---	---	---	---	---	---	---	---	7.0	---	---
20	---	---	---	---	---	---	---	---	---	25	---	---
21	---	---	---	---	---	---	---	---	---	45	---	10
22	---	---	---	---	---	---	---	---	---	69	---	20
23	---	---	---	4.7	0.5	3.1	---	---	---	58	---	27
24	---	---	---	2.5	---	---	---	---	---	14	---	---
25	---	---	---	0.3	---	---	---	---	---	---	---	---
26	---	---	---	0.3	---	---	---	---	---	---	---	---
27	---	---	---	0.9	---	---	---	---	---	---	---	---
28	---	---	---	1.6	---	---	---	---	---	---	---	---
29	---	---	---	2.4	---	---	---	---	---	---	---	---
30	---	---	---	6.2	---	---	---	---	---	---	---	---
31	---	---	---	4.1	---	---	---	---	---	---	---	---

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	65	9.0	30	---	---	---	---	---	---
2	---	---	---	49	---	---	---	---	---	---	---	---
3	---	---	---	37	---	---	13	---	---	---	---	---
4	---	---	---	7.0	---	---	20	---	---	---	---	---
5	---	---	---	---	---	---	18	---	---	---	---	---
6	29	---	---	---	---	---	21	---	---	---	---	---
7	34	---	---	---	---	---	21	---	---	7.0	---	---
8	97	8.0	53	---	---	---	15	---	---	7.0	---	---
9	180	7.0	45	---	---	---	61	---	---	14	---	---
10	120	---	---	55	---	---	91	---	---	---	---	---
11	21	---	---	24	---	---	32	---	---	19	---	---
12	20	---	---	---	---	---	36	---	---	18	---	---
13	---	---	---	---	---	---	35	---	---	26	---	---
14	26	---	---	50	---	---	76	---	---	13	---	---
15	9.0	---	---	45	---	---	63	9.0	36	7.2	---	---
16	---	---	---	---	---	---	49	10	35	20	---	---
17	10	---	---	20	---	---	51	15	33	22	7.3	13
18	51	---	---	42	---	---	39	27	31	23	---	---
19	51	---	---	---	---	---	52	27	37	22	---	---
20	---	---	---	---	---	---	41	25	---	16	---	---
21	---	---	---	---	---	---	39	---	---	19	---	---
22	20	---	---	---	---	---	89	---	---	24	---	---
23	44	---	---	12	---	---	65	11	31	44	---	---
24	26	---	---	---	---	---	54	---	---	24	---	---
25	17	---	---	---	---	---	36	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	390	---	---
27	---	---	---	---	---	---	---	---	---	390	---	---
28	---	---	---	---	---	---	---	---	---	---	16	---
29	10	---	---	---	---	---	---	---	---	16	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	39	---	---	---	---	---	---	---	---	88	---	---

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	160	---	---	37	---	---	65	---	---	42	---	---
2	210	---	---	49	8.0	22	110	---	---	36	---	---
3	13	---	---	96	---	---	39	7.0	22	63	---	---
4	27	---	---	41	---	---	42	17	25	28	17	21
5	46	---	---	24	8.0	15	110	16	38	25	13	18
6	62	---	---	20	---	---	67	18	41	20	---	---
7	420	---	---	45	---	---	40	13	27	25	---	---
8	42	---	---	38	---	---	18	13	15	29	7.5	16
9	56	---	---	30	---	---	33	---	---	26	---	---
10	---	---	---	96	---	---	48	11	28	23	---	---
11	39	25	28	52	8.0	16	110	19	43	13	---	---
12	35	19	25	63	---	---	90	8.1	19	7.0	---	---
13	---	---	---	62	12	26	38	16	23	44	---	---
14	39	22	27	12	---	---	34	---	---	15	---	---
15	31	---	---	56	---	---	43	18	24	8.0	---	---
16	47	9.2	27	20	---	---	37	12	22	9.0	---	---
17	32	---	---	23	---	---	32	18	21	21	---	---
18	57	---	---	19	---	---	31	18	19	---	---	---
19	42	---	---	32	---	---	31	18	21	23	---	---
20	63	---	---	15	---	---	25	16	20	---	---	---
21	32	---	---	14	---	---	32	19	22	13	---	---
22	25	13	21	38	---	---	40	19	26	31	---	---
23	32	13	20	17	---	---	42	17	22	34	---	---
24	27	13	19	31	---	---	27	---	---	34	---	---
25	20	---	---	10	---	---	54	17	28	26	---	---
26	57	13	24	19	---	---	37	14	21	36	---	---
27	48	---	---	73	---	---	45	---	---	25	---	---
28	47	22	28	62	23	35	42	9.5	21	40	---	---
29	---	---	---	63	---	---	78	---	---	51	---	---
30	---	---	---	63	9.0	21	41	---	---	92	---	---
31	---	---	---	41	---	---	---	---	---	20	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	---	---	12	---	---	16	---	---	---	---	---
2	17	---	---	21	---	---	13	---	---	---	---	---
3	26	---	---	24	---	---	15	---	---	---	---	---
4	32	---	---	29	---	---	30	---	---	---	---	---
5	30	---	---	61	---	---	13	---	---	---	---	---
6	---	---	---	97	10	---	11	---	---	---	---	---
7	27	---	---	29	---	---	7.0	---	---	---	---	---
8	8.0	---	---	26	---	---	---	---	---	---	---	---
9	14	---	---	26	---	---	---	---	---	---	---	---
10	50	---	---	83	---	---	7.0	---	---	---	---	---
11	19	---	---	47	---	---	---	---	---	---	---	---
12	47	---	---	44	---	---	8.0	---	---	---	---	---
13	24	---	---	16	---	---	12	---	---	---	---	---
14	18	---	---	25	---	---	8.0	---	---	---	---	---
15	21	9.0	16	14	---	---	11	---	---	---	---	---
16	83	---	---	13	---	---	15	---	---	---	---	---
17	10	---	---	20	---	---	17	---	---	---	---	---
18	7.0	---	---	20	---	---	11	---	---	---	---	---
19	10	---	---	57	---	---	9.0	---	---	---	---	---
20	32	---	---	57	7.0	16	9.0	---	---	---	---	---
21	27	---	---	40	---	---	---	---	---	---	---	---
22	90	---	---	44	---	---	---	---	---	---	---	---
23	---	---	---	17	---	---	---	---	---	---	---	---
24	11	---	---	24	---	---	---	---	---	---	---	---
25	12	---	---	10	---	---	---	---	---	---	---	---
26	12	---	---	10	---	---	---	---	---	---	---	---
27	---	---	---	8.0	---	---	23	---	---	---	---	---
28	29	---	---	19	---	---	59	---	---	---	---	---
29	43	---	---	10	---	---	---	---	---	---	---	---
30	7.0	---	---	18	---	---	---	---	---	---	---	---
31	---	---	---	16	---	---	---	---	---	---	---	---

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	19800	13400	17800	25800	20100	23200	10100	1650	3650	---	---	---
2	21400	15600	18400	27300	18500	24100	11400	1110	---	---	---	---
3	20200	14100	17400	28200	14400	22900	10200	589	5430	---	---	---
4	20900	14600	18100	21000	10800	14700	9850	520	5040	---	---	---
5	19900	13900	17700	15500	9970	12600	12200	750	7030	---	---	---
6	23900	16200	21000	15000	8650	12500	12500	2910	6870	---	---	---
7	31500	23700	27100	12500	9400	10500	13700	596	6250	20000	7710	13900
8	34500	28500	32100	14200	10800	12300	16000	2410	10500	20000	5820	12300
9	36300	26700	33500	20800	13900	16200	16000	640	6620	18300	5590	11600
10	38000	30800	35500	27900	20800	25000	12100	324	2660	15100	4850	9880
11	31700	17000	22700	28400	13800	22900	9860	265	2180	14900	4280	10000
12	18600	11600	15000	28100	11400	20600	9520	552	4850	18000	3790	12400
13	15300	10400	12200	25500	10500	19500	8090	197	2640	20600	4880	14200
14	13900	8930	11100	27300	14200	23100	7020	104	1680	16000	2240	6910
15	13400	9500	10900	33300	19100	---	5080	87	1410	10200	3730	6330
16	15400	8540	12900	---	14600	---	6800	108	1820	7010	1010	1800
17	16600	8360	13400	32700	14200	24800	6580	91	1380	3400	1080	1580
18	18800	10400	15300	30600	14600	---	1480	97	682	6110	627	2760
19	20000	10000	15500	27600	14100	22100	403	77	106	7810	306	3070
20	18700	10400	14900	23200	18600	20800	---	---	---	8380	280	3760
21	17100	11500	14600	24400	17200	20700	---	---	---	9800	581	4500
22	17000	11900	14900	19800	14100	17000	---	---	---	9800	464	3490
23	20100	13400	17600	22000	13400	16500	---	---	---	6530	162	1740
24	15000	12300	13900	23500	9780	15900	---	---	---	7040	386	3550
25	14300	11100	13000	12100	6160	8150	---	---	---	6920	337	2580
26	19100	11300	14800	19300	5820	11600	---	---	---	8960	732	4440
27	19600	13800	17000	22500	6940	14200	---	---	---	13000	2100	7820
28	20100	13700	17300	15700	7740	12600	---	---	---	27400	13000	20500
29	20400	13600	17600	16600	5370	12300	---	---	---	28400	12000	20200
30	20800	14200	17500	19300	3130	11600	---	---	---	28200	19000	22600
31	22300	14900	18800	---	---	---	---	---	---	29100	17100	24500

		FEBRUARY			MARCH			APRIL			MAY	
1	30100	21200	26400	4570	626	1510	19300	4170	12600	8410	269	3990
2	30300	8360	20000	6760	575	3920	8250	208	1290	7620	825	3390
3	11500	2240	5950	11600	1160	6230	1290	73	269	3980	115	559
4	11300	993	4630	9020	1250	4560	498	63	114	412	80	148
5	10600	424	4420	6040	495	1290	6390	53	928	461	83	153
6	13900	278	5740	5770	452	2220	8940	55	2360	8060	285	4710
7	14400	739	6240	6820	573	2790	71	55	64	6660	1670	3590
8	12100	623	5690	6820	407	2250	81	61	68	8920	784	5110
9	11200	337	3810	5380	1460	4670	1330	68	401	9090	1580	5220
10	4500	149	999	5230	290	1740	7900	101	3640	9490	2020	6280
11	245	106	137	2220	394	1040	12000	244	7290	9620	2340	5990
12	3240	113	476	2490	679	1480	8960	87	3140	8680	1930	5050
13	7530	250	3560	6500	995	3240	254	67	113	9500	2520	5990
14	2690	93	411	12300	968	6140	3780	66	1100	10500	3700	7380
15	8150	78	2140	19300	5360	13300	168	58	76	9720	3420	6750
16	6650	90	1130	16400	2420	8860	2650	56	521	10500	3130	7280
17	14500	96	4830	8470	776	3370	223	58	89	10800	3330	7790
18	11700	120	3970	9840	596	5220	231	64	99	9620	5070	---
19	9790	97	3640	9850	313	5020	467	70	139	6980	3430	5670
20	8720	107	2210	11600	339	6610	446	73	155	5470	2620	---
21	5050	96	689	17000	1080	9450	118	75	88	7910	1910	4660
22	1280	99	259	17600	4880	12700	118	73	81	14900	3690	9860
23	1070	107	351	16200	1370	6050	115	76	86	9760	3940	6960
24	1510	118	399	10700	5270	8350	1620	75	426	8560	3340	5350
25	6590	131	1650	11900	1850	5900	3030	76	1040	13000	2970	7980
26	6000	213	3140	13000	1850	7410	3870	87	1830	16900	5980	11500
27	6980	945	4790	8930	254	5220	6880	87	2300	17400	5930	12200
28	1120	127	317	374	154	278	7300	154	2650	16400	6250	11300
29	---	---	---	7550	154	3550	9400	351	3880	16000	7000	10900
30	---	---	---	8100	445	4890	7310	608	2750	17600	4520	10700
31	---	---	---	9770	530	5260	---	---	---	17100	5290	11400

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	15400	6460	9660	15500	5300	12000	19200	7850	14500	---	---	---
2	11500	3840	9360	13300	5270	10100	18600	8090	14500	---	---	---
3	12500	3610	8820	13500	5430	10100	20000	8180	15200	---	---	---
4	15300	4320	10300	12600	6470	9720	20200	9100	15600	---	---	---
5	16600	6120	12900	14700	6870	11900	20500	8620	15300	---	---	---
6	---	4070	---	22700	6740	16800	19800	8960	15000	---	---	---
7	14600	2420	8820	16800	5560	12400	17200	9160	13100	---	---	---
8	13000	1920	7640	15800	5920	11300	12700	8690	10700	---	---	---
9	13100	2850	8590	17100	4900	12200	12400	7340	9520	---	---	---
10	16800	2800	10900	21400	11600	17600	11800	6720	9840	---	---	---
11	17500	7550	14400	16000	10000	12700	14000	8480	12100	---	---	---
12	15200	4260	11300	15300	8470	12200	15800	7800	12600	---	---	---
13	13000	1740	8380	13900	7830	10900	16300	9550	13300	---	---	---
14	9910	1460	5490	12000	6160	8670	16600	9610	13600	---	---	---
15	5400	1050	2930	---	5590	---	18400	9820	14600	---	---	---
16	7800	1970	4680	17200	5930	13000	19500	9720	14700	---	---	---
17	10600	2440	6870	18700	7990	14600	17500	9350	13200	---	---	---
18	12600	4300	9470	18700	7810	14800	18300	8800	13900	---	---	---
19	13500	3940	9520	18900	9090	15700	18700	9280	14100	---	---	---
20	16100	4450	10400	19800	9680	16900	17700	9740	14100	---	---	---
21	17300	5300	11900	19800	8960	---	16700	10000	13000	---	---	---
22	17900	5460	12700	19400	7320	14300	16500	10200	13300	---	---	---
23	17800	5800	12200	15400	5340	10600	17500	13300	15700	---	---	---
24	17500	6110	12100	13500	4780	8820	18400	11300	15700	---	---	---
25	17900	6200	13000	13400	4940	9730	20200	11200	16200	---	---	---
26	18200	7210	14200	11700	6680	9300	20600	11700	16800	---	---	---
27	17100	7400	13700	10100	4530	7730	21800	13700	18800	---	---	---
28	17500	8710	13600	12900	5090	9470	27700	19800	24200	---	---	---
29	17500	8170	15200	15900	6050	12400	---	---	---	---	---	---
30	14500	7660	11000	16400	7060	12900	---	---	---	---	---	---
31	---	---	---	17300	7530	14000	---	---	---	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.0	25.6	26.2	26.3	25.7	26.1	17.5	15.8	16.6	---	---	---
2	28.6	26.0	26.9	26.6	25.8	26.1	16.4	15.2	---	---	---	---
3	28.6	26.8	27.5	26.4	25.8	26.1	16.0	14.2	15.1	---	---	---
4	28.7	27.1	27.8	26.0	23.5	24.6	15.2	13.7	14.5	---	---	---
5	28.0	27.0	27.5	23.5	21.8	22.5	15.4	13.8	14.7	---	---	---
6	27.5	26.7	27.1	21.9	20.8	21.4	16.9	14.6	15.2	---	---	---
7	26.8	25.7	26.2	21.6	20.7	21.3	16.7	15.8	16.2	16.6	15.3	15.8
8	25.9	25.0	25.3	21.1	20.4	20.8	16.6	16.0	16.3	17.0	15.8	16.3
9	25.0	23.8	24.3	20.7	19.4	20.0	17.3	16.5	16.8	16.5	15.7	16.1
10	24.4	23.4	24.0	19.5	19.0	19.3	17.2	16.8	17.0	16.8	15.7	16.2
11	25.8	24.3	24.8	20.3	19.3	19.7	16.8	15.2	15.8	16.9	16.0	16.4
12	25.4	24.3	24.8	19.9	19.1	19.5	15.7	14.6	15.1	17.8	16.5	17.0
13	25.0	23.6	24.1	19.1	18.1	18.4	15.3	14.2	14.9	17.5	16.8	17.3
14	24.3	22.7	23.6	18.3	17.6	17.9	14.7	12.7	13.7	17.0	15.7	16.1
15	23.1	21.3	22.1	18.2	17.7	---	12.7	11.2	12.0	15.8	14.6	15.2
16	23.0	21.6	22.2	18.4	---	---	11.9	10.8	11.1	14.8	13.4	14.0
17	23.8	22.3	22.9	18.6	17.9	18.2	11.2	10.7	10.9	13.6	12.1	12.5
18	24.4	23.1	23.7	18.6	18.2	---	11.3	10.7	11.0	12.1	11.0	11.5
19	25.7	23.9	24.7	19.6	18.4	18.9	11.2	10.6	10.9	11.2	9.9	10.5
20	26.6	24.7	25.4	19.6	18.9	19.2	---	---	---	11.7	10.1	10.6
21	27.3	25.6	26.2	20.5	19.2	19.6	---	---	---	12.3	10.6	11.3
22	27.3	26.0	26.4	20.8	19.7	20.2	---	---	---	13.4	11.8	12.3
23	26.8	25.8	26.3	22.0	20.1	20.8	---	---	---	12.5	9.9	11.2
24	27.1	26.2	26.4	21.4	20.1	20.9	---	---	---	11.0	9.2	10.2
25	27.4	26.3	26.8	20.2	17.6	18.5	---	---	---	11.6	9.2	10.3
26	27.5	26.6	26.9	17.8	16.9	17.6	---	---	---	12.0	10.1	11.0
27	27.4	26.3	26.8	18.4	17.4	17.8	---	---	---	11.8	11.2	11.4
28	27.2	26.2	26.6	18.1	16.9	17.6	---	---	---	11.7	11.3	11.5
29	26.9	25.7	26.3	17.4	16.3	16.9	---	---	---	12.2	11.5	11.8
30	26.8	25.4	26.1	18.1	17.0	17.4	---	---	---	12.4	12.0	12.1
31	26.7	25.8	26.2	---	---	---	---	---	---	12.3	11.6	11.8

301058089313900 USCG PEARL RIVER ENTRANCE CHANNEL LIGHT 7A--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.8	11.6	11.7	15.3	14.4	14.7	20.9	19.7	20.3	21.9	20.5	21.2
2	12.8	11.8	12.3	14.6	12.9	14.0	19.8	18.6	19.2	21.8	20.3	21.0
3	12.7	12.2	12.4	13.8	12.9	13.5	19.2	18.0	18.5	21.2	19.8	20.3
4	12.4	11.3	11.8	14.2	12.8	13.5	19.3	17.6	18.5	20.4	19.6	20.0
5	12.4	10.9	11.5	14.8	13.0	13.8	20.4	18.1	18.9	20.3	19.4	19.7
6	12.3	10.8	11.6	14.9	13.7	14.3	20.4	19.0	19.5	22.2	19.7	20.8
7	12.6	11.7	12.2	15.8	14.1	14.8	19.5	19.0	19.2	22.9	20.6	21.6
8	13.5	12.3	12.7	15.8	14.7	15.1	19.9	19.1	19.3	23.8	21.2	22.5
9	13.9	12.9	13.4	15.5	14.6	15.0	21.0	19.1	19.5	23.4	22.1	22.7
10	13.6	12.6	13.2	15.3	14.2	14.7	21.6	19.4	20.6	24.6	22.4	23.4
11	13.0	12.0	12.5	15.8	14.5	15.1	21.7	20.1	21.1	25.8	23.5	24.4
12	13.0	11.6	12.2	16.6	14.5	15.6	21.7	20.2	20.8	26.3	24.4	25.3
13	13.7	11.8	12.6	18.0	15.5	16.7	20.8	19.8	20.3	26.3	24.9	25.7
14	13.9	12.5	13.3	17.7	16.5	17.0	20.9	19.4	20.0	26.5	24.9	25.8
15	15.7	13.4	14.4	16.5	15.9	16.1	19.9	19.1	19.4	26.6	25.2	26.0
16	15.3	14.2	14.9	16.1	15.2	15.8	21.4	19.1	19.8	26.6	25.1	25.9
17	15.5	15.1	15.4	15.2	14.0	14.5	20.5	19.1	19.7	26.8	25.0	26.0
18	15.1	14.3	14.6	15.7	13.2	14.1	20.6	19.2	19.8	27.4	25.5	---
19	14.7	13.8	14.2	15.8	13.3	14.6	21.3	19.2	20.1	28.5	26.0	27.1
20	15.6	13.8	14.5	15.8	14.4	15.1	21.5	19.6	20.3	28.1	26.2	---
21	15.7	14.4	15.2	16.9	15.0	16.0	23.2	19.8	20.8	28.8	26.9	27.9
22	17.1	15.3	16.1	18.6	16.2	17.1	22.2	20.5	21.4	29.7	27.4	28.4
23	17.1	16.3	16.8	18.4	16.7	17.4	21.9	21.3	21.6	29.4	27.8	28.5
24	17.1	16.5	16.8	18.7	17.4	18.2	22.0	20.2	21.0	29.6	28.1	28.8
25	16.6	15.9	16.2	20.2	18.2	18.8	20.9	19.6	20.3	29.0	28.1	28.5
26	16.5	15.3	15.7	20.0	19.4	19.8	20.8	19.2	20.0	28.5	26.7	27.8
27	15.5	15.0	15.2	20.5	19.1	19.7	22.0	19.7	20.8	28.4	27.3	27.9
28	15.2	14.5	14.8	19.1	18.1	18.6	22.6	20.1	21.4	28.5	27.4	27.9
29	---	---	---	19.4	17.8	18.7	23.5	20.9	22.1	28.0	26.4	27.5
30	---	---	---	19.8	18.4	19.2	23.6	21.9	22.4	26.4	24.3	25.6
31	---	---	---	20.1	18.5	19.5	---	---	---	26.2	24.7	25.4

		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.3	25.1	25.9	31.1	30.2	30.5	31.4	30.1	30.6	---	---	---
2	29.3	25.8	27.0	30.9	29.8	30.3	30.6	29.9	30.3	---	---	---
3	29.9	26.6	28.0	30.8	29.3	30.2	31.1	29.4	30.1	---	---	---
4	29.9	27.4	28.4	31.9	29.5	30.5	30.2	29.0	29.7	---	---	---
5	29.4	28.2	28.6	30.6	27.9	29.8	29.4	28.3	28.9	---	---	---
6	---	27.1	---	28.2	26.8	27.6	29.7	28.3	29.0	---	---	---
7	29.4	26.6	27.7	28.6	27.2	28.0	30.5	28.5	29.2	---	---	---
8	29.8	27.4	28.5	29.8	28.0	28.8	30.6	28.9	29.4	---	---	---
9	30.1	27.8	29.0	30.1	28.6	29.3	31.2	29.2	29.9	---	---	---
10	29.5	28.2	28.9	29.7	27.4	28.5	31.6	29.8	30.4	---	---	---
11	28.8	27.6	28.1	29.2	26.3	27.5	31.0	29.4	30.2	---	---	---
12	28.8	26.8	27.7	29.8	27.8	28.8	31.1	30.1	30.5	---	---	---
13	29.5	27.2	28.5	30.8	28.8	29.6	31.8	29.8	30.6	---	---	---
14	31.5	27.6	29.0	30.3	29.1	29.5	32.8	29.8	31.1	---	---	---
15	30.1	28.3	28.9	29.1	28.3	---	31.6	30.6	31.1	---	---	---
16	31.4	28.8	29.8	29.9	28.3	29.0	32.1	29.9	31.3	---	---	---
17	30.9	29.3	30.0	31.3	28.7	29.7	32.3	30.6	31.4	---	---	---
18	30.2	29.2	29.6	31.6	29.6	30.3	32.5	30.9	31.7	---	---	---
19	30.4	28.6	29.4	30.7	29.8	30.3	32.7	31.1	31.9	---	---	---
20	30.3	28.3	29.3	31.3	29.8	30.4	33.2	31.5	32.2	---	---	---
21	30.2	28.6	29.4	31.4	30.3	---	32.6	31.6	32.0	---	---	---
22	30.2	28.8	29.5	31.6	30.2	30.9	33.0	30.9	31.8	---	---	---
23	30.5	29.1	29.8	32.9	30.3	31.2	32.9	30.6	31.4	---	---	---
24	30.4	29.3	29.9	32.2	30.0	31.0	32.6	31.0	31.7	---	---	---
25	30.5	29.1	29.9	32.5	30.4	31.4	32.9	31.1	31.9	---	---	---
26	30.5	29.3	30.0	32.4	30.8	31.5	32.4	31.3	31.8	---	---	---
27	31.2	29.5	30.1	32.4	31.0	31.6	32.5	31.1	31.7	---	---	---
28	31.2	29.6	30.3	31.8	30.4	31.2	31.9	29.7	30.8	---	---	---
29	31.1	30.0	30.5	31.7	30.0	30.7	---	---	---	---	---	---
30	31.9	29.2	30.5	31.2	30.4	30.7	---	---	---	---	---	---
31	---	---	---	31.3	30.1	30.6	---	---	---	---	---	---

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.
TURBIDITY: July 2005 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. The platform and all equipment were destroyed by Hurricane Katrina on August 29, 2005.

REMARKS.--Gage height records excellent. Turbidity records excellent. 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.--
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.
TURBIDITY: Maximum recorded, 97 FNU, Aug. 28, 2005 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, 6.0 FNU, on several days in water year 2005, 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, 8.13 ft, Oct. 10, but may have been higher during periods of instrument malfunction; minimum recorded, 1.11 ft, Dec. 11, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 97 FNU, Aug. 28 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, 6.0 FNU, on several days in water year, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 40,700 microsiemens, Oct. 10, but may have been higher during periods of instrument malfunction; minimum recorded, 917 microsiemens, Apr. 22, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 32.8°C, July 25, but may have been higher during periods of instrument malfunction; minimum recorded, 6.8°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.87	3.28	4.05	5.96	3.67	4.96	---	---	---	4.51	3.33	4.00
2	4.95	2.98	3.87	6.07	3.85	4.97	---	---	---	4.47	3.50	3.97
3	4.80	2.96	3.84	5.92	3.74	4.70	---	---	---	4.11	3.38	3.71
4	4.89	3.21	4.01	4.96	2.89	3.69	---	---	---	4.10	3.20	3.65
5	4.65	3.22	4.00	4.37	3.06	3.76	---	---	---	4.58	2.87	3.73
6	5.22	3.39	4.48	4.41	2.95	3.70	---	---	---	4.67	2.38	3.50
7	6.01	4.41	5.39	3.77	3.01	3.44	---	---	---	4.85	2.65	3.74
8	6.84	4.78	6.01	3.86	2.95	3.55	---	---	---	4.67	2.25	3.51
9	6.75	5.52	6.30	5.19	3.73	4.37	4.83	3.05	3.86	4.64	2.07	3.30
10	8.13	5.36	6.55	6.16	4.57	5.44	4.50	1.84	2.89	4.74	2.02	3.28
11	5.59	4.30	5.11	5.65	3.93	4.85	3.98	1.11	2.33	5.10	2.18	3.59
12	4.72	3.82	4.27	5.34	3.40	4.41	4.37	1.62	2.95	5.28	---	---
13	4.11	3.22	3.68	5.30	3.10	4.21	4.36	1.33	2.59	5.53	3.02	4.25
14	4.00	3.16	3.60	6.74	3.75	4.87	3.61	1.27	2.52	4.73	2.85	3.50
15	4.60	2.70	3.43	6.74	3.79	5.01	3.74	1.92	2.85	4.35	3.17	3.67
16	4.71	2.58	3.65	5.98	3.47	4.59	4.20	2.47	3.48	---	2.14	---
17	5.00	2.48	3.68	5.79	3.21	4.45	4.20	2.77	3.45	3.45	1.88	2.80
18	5.23	3.05	4.13	---	---	---	3.83	2.88	3.32	3.80	2.08	3.11
19	5.56	2.86	4.01	---	---	---	3.27	2.00	2.40	4.10	2.10	3.07
20	5.09	2.62	3.87	---	---	---	3.43	2.20	2.92	4.23	1.82	3.03
21	4.77	2.77	3.81	---	---	---	4.43	2.37	3.40	---	---	---
22	4.67	3.10	4.02	---	---	---	5.36	3.00	4.20	---	---	---
23	5.42	3.31	4.45	---	---	---	4.53	1.89	3.28	---	---	---
24	4.18	3.65	3.99	---	---	---	4.72	2.29	3.41	---	---	---
25	4.09	3.45	3.83	---	---	---	4.52	2.11	3.44	---	---	---
26	4.65	3.37	4.08	---	---	---	4.47	2.16	3.07	4.18	2.08	3.14
27	4.93	3.12	4.10	---	---	---	3.88	1.72	2.75	4.41	1.88	3.25
28	4.99	3.10	4.05	---	---	---	4.22	1.85	2.95	6.63	3.61	4.94
29	5.10	3.10	4.07	---	---	---	4.28	2.26	3.29	6.52	3.52	4.35
30	5.27	3.14	4.17	---	---	---	4.57	2.47	3.50	4.52	3.54	4.00
31	5.90	3.36	4.45	---	---	---	4.68	2.87	3.77	5.00	3.85	4.48

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.76	3.66	4.79	3.55	1.87	2.69	5.78	2.93	4.69	5.08	2.68	4.12
2	5.89	3.57	4.75	4.19	1.73	3.35	3.96	2.04	2.99	4.67	3.04	4.05
3	4.49	2.80	---	5.34	2.22	3.87	3.86	1.82	3.01	4.47	3.11	4.00
4	4.52	2.49	3.52	4.65	2.66	3.61	4.43	1.84	3.05	4.52	3.42	3.93
5	4.81	2.51	3.70	3.97	2.03	3.03	4.95	2.67	3.67	4.08	3.16	3.72
6	5.69	2.25	4.06	4.49	1.80	3.24	5.02	3.46	4.37	4.68	3.00	3.91
7	5.51	2.89	4.13	4.76	2.16	3.47	4.22	2.93	3.39	4.39	2.51	3.61
8	5.37	3.03	4.24	4.35	1.55	3.02	3.88	2.88	3.46	4.82	2.83	3.84
9	5.32	2.95	4.01	4.15	2.44	3.54	4.30	2.65	3.65	4.89	2.79	3.81
10	4.88	2.66	3.44	3.89	2.06	2.81	5.15	3.14	4.24	5.11	2.81	4.04
11	3.95	2.80	3.30	3.63	2.14	2.75	5.86	3.33	4.74	4.86	2.78	---
12	3.68	2.82	3.25	3.23	2.03	2.77	5.17	3.11	4.19	4.72	2.69	3.71
13	4.60	3.24	4.06	4.00	2.27	3.06	4.90	2.56	3.56	5.11	2.73	3.93
14	4.21	2.97	3.64	3.85	2.11	3.18	4.84	2.23	3.59	4.94	3.11	4.07
15	4.65	3.19	3.92	5.39	2.27	4.03	4.51	2.77	3.60	4.73	3.08	3.91
16	4.55	2.50	3.62	4.49	2.92	3.62	4.58	2.35	3.54	4.79	3.09	4.04
17	4.81	2.53	3.78	3.97	2.35	3.16	4.34	2.48	3.43	4.71	3.18	3.91
18	4.69	2.53	3.82	4.05	2.36	3.26	4.17	2.56	3.46	4.23	3.35	3.81
19	4.88	2.44	3.81	4.14	2.23	3.26	4.37	3.00	3.78	4.14	3.47	3.79
20	4.66	2.78	3.79	4.46	2.37	3.52	4.43	3.30	4.00	4.06	---	---
21	4.44	2.70	3.65	4.84	2.78	3.85	4.31	3.50	3.94	4.28	2.70	3.50
22	4.32	2.47	3.44	4.82	3.62	4.23	3.90	2.81	3.57	5.05	2.81	3.96
23	4.48	2.44	3.55	4.36	2.67	3.43	3.84	2.48	3.01	---	---	---
24	4.33	2.70	3.61	4.17	3.03	3.80	4.34	2.24	3.30	4.34	---	---
25	4.44	3.21	3.72	4.17	3.25	3.63	4.77	2.31	3.67	5.26	2.01	3.66
26	4.37	3.84	4.09	4.56	3.65	4.00	4.75	2.54	3.91	5.18	2.42	3.92
27	4.66	3.51	4.24	4.29	1.88	3.49	5.00	2.52	3.78	5.07	2.53	3.82
28	3.73	2.46	3.05	3.28	1.71	2.29	5.07	2.19	3.68	4.78	2.49	3.67
29	---	---	---	4.05	1.81	3.00	5.13	2.81	3.99	5.14	2.79	---
30	---	---	---	4.95	2.39	3.67	4.90	2.96	3.98	---	---	---
31	---	---	---	4.72	2.59	3.82	---	---	---	4.75	3.78	4.31
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.39	3.46	3.95	4.51	2.49	3.63	4.78	2.74	3.81	---	---	---
2	4.59	3.28	4.06	4.37	2.19	3.48	4.88	2.69	3.80	---	---	---
3	4.87	3.19	4.13	4.40	2.35	3.48	4.81	2.83	3.93	---	---	---
4	5.14	3.06	4.29	4.48	2.54	3.47	4.94	2.95	4.00	---	---	---
5	5.33	3.12	4.46	4.98	2.74	4.03	4.84	2.99	4.04	---	---	---
6	---	---	---	7.24	2.71	4.54	4.68	3.05	3.96	---	---	---
7	5.10	2.88	---	5.06	2.72	4.00	4.49	3.12	3.81	---	---	---
8	5.01	2.87	3.96	4.97	2.86	3.92	4.20	3.06	3.66	---	---	---
9	5.15	2.92	4.08	5.31	2.85	4.32	3.92	3.10	3.54	---	---	---
10	6.18	3.10	4.61	6.06	4.02	5.05	3.72	3.22	3.52	---	---	---
11	5.94	3.74	4.85	4.77	3.48	4.44	4.04	3.17	3.54	---	---	---
12	5.30	---	---	5.00	3.47	4.43	4.32	2.78	3.50	---	---	---
13	5.03	---	---	4.42	3.49	4.01	4.40	2.73	3.56	---	---	---
14	4.63	---	---	4.27	3.42	3.83	4.51	2.42	3.60	---	---	---
15	4.15	---	---	4.63	3.22	---	4.77	2.45	3.65	---	---	---
16	4.03	---	---	5.04	3.24	4.20	4.99	2.45	3.71	---	---	---
17	---	---	---	5.14	3.02	4.19	4.68	2.36	3.58	---	---	---
18	4.90	2.88	4.00	5.26	2.98	4.19	4.91	2.50	3.76	---	---	---
19	5.01	2.66	3.89	5.49	3.08	4.36	4.81	2.52	3.74	---	---	---
20	5.11	2.74	3.97	5.66	2.92	4.44	4.50	2.80	3.68	---	---	---
21	5.18	2.84	4.07	---	2.84	---	4.39	2.82	3.65	---	---	---
22	5.32	2.71	4.09	5.41	2.79	4.16	4.14	3.21	3.74	---	---	---
23	5.35	2.67	4.03	4.79	2.83	3.69	4.38	3.34	3.95	---	---	---
24	5.34	2.68	4.06	4.64	2.68	3.55	4.45	3.43	3.96	---	---	---
25	5.25	2.90	4.14	4.32	2.96	3.70	4.64	3.19	3.93	---	---	---
26	5.17	3.07	4.23	3.86	3.43	3.72	4.91	3.28	4.07	---	---	---
27	4.64	3.43	4.06	3.95	3.13	3.56	5.21	3.32	4.33	---	---	---
28	4.55	3.58	4.13	4.09	2.68	3.49	7.50	4.32	---	---	---	---
29	4.53	3.59	4.14	4.50	2.52	3.62	---	---	---	---	---	---
30	4.44	2.98	3.78	4.67	2.60	3.67	---	---	---	---	---	---
31	---	---	---	4.72	2.74	3.80	---	---	---	---	---	---

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	27	7.0	12	---	---	---
2	---	---	---	---	---	---	21	7.0	13	---	---	---
3	---	---	---	---	---	---	19	7.0	11	---	---	---
4	---	---	---	---	---	---	21	7.0	13	---	---	---
5	---	---	---	---	---	---	18	7.0	---	---	---	---
6	---	---	---	---	---	---	21	7.0	12	---	---	---
7	---	---	---	---	---	---	26	6.0	9.6	---	---	---
8	---	---	---	---	---	---	12	7.0	---	---	---	---
9	---	---	---	---	---	---	18	6.0	---	---	---	---
10	---	---	---	---	---	---	36	7.0	---	---	---	---
11	---	---	---	---	---	---	16	6.0	---	---	---	---
12	---	---	---	---	---	---	34	6.0	9.2	---	---	---
13	---	---	---	---	---	---	13	6.0	9.0	---	---	---
14	---	---	---	---	---	---	17	7.0	10	---	---	---
15	---	---	---	---	---	---	23	7.0	12	---	---	---
16	---	---	---	---	---	---	29	7.0	17	---	---	---
17	---	---	---	---	---	---	21	7.0	---	---	---	---
18	---	---	---	---	---	---	26	8.0	14	---	---	---
19	---	---	---	---	---	---	26	7.0	13	---	---	---
20	---	---	---	---	---	---	22	7.0	11	---	---	---
21	---	---	---	---	---	---	18	7.0	10	---	---	---
22	---	---	---	59	10	24	27	8.0	---	---	---	---
23	---	---	---	38	9.0	16	39	7.0	---	---	---	---
24	---	---	---	28	9.0	15	20	6.0	8.5	---	---	---
25	---	---	---	35	8.0	12	14	7.0	8.9	---	---	---
26	---	---	---	10	6.0	7.9	20	8.0	12	---	---	---
27	---	---	---	12	7.0	8.1	28	9.0	18	---	---	---
28	---	---	---	13	7.0	8.2	97	13	---	---	---	---
29	---	---	---	17	8.0	12	---	---	---	---	---	---
30	---	---	---	24	10	16	---	---	---	---	---	---
31	---	---	---	43	9.0	20	---	---	---	---	---	---

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	28300	22300	25300	28100	24700	25600	---	---	---	24400	19100	22800
2	28600	21000	24700	29100	25000	26800	---	---	---	26900	18100	23100
3	26500	20100	23600	27500	23200	25900	---	---	---	23900	13800	19100
4	28400	22100	24700	25400	16000	20500	---	---	---	21300	13000	16900
5	27700	22700	24800	17800	16300	17100	---	---	---	25200	14300	18100
6	30900	23500	27800	18200	15900	17200	---	---	---	27600	14900	20300
7	36000	30900	34100	16900	12900	14700	---	---	---	26900	16200	22200
8	40000	35700	37900	17000	14200	15900	---	---	---	25800	16500	21400
9	39500	37800	38500	25300	16200	21600	21700	10600	17500	24900	13900	19200
10	40700	37600	39000	27700	25300	26900	19700	6600	10700	22200	11400	17500
11	39900	29700	37000	31700	26600	28600	10700	5210	8030	22000	12100	17700
12	29700	18900	23700	30500	24500	27100	7980	5820	6970	23100	---	---
13	19800	16900	18400	28700	22500	25600	12000	6670	8010	24800	18200	22100
14	17500	15800	16700	30900	24700	27400	9160	6990	7750	22400	14000	18300
15	17600	15100	16400	33100	30400	32000	9230	7270	7850	20500	12500	15900
16	19800	15800	17800	33800	27900	31200	14300	7710	11100	12800	---	---
17	21400	16100	18800	33700	27500	30900	19700	12200	15100	8530	6860	7570
18	24200	17600	21000	---	---	---	15800	9890	13600	11600	8310	9010
19	23300	17300	20600	---	---	---	14700	5260	7610	11500	7190	8490
20	21800	16800	19600	---	---	---	11000	5750	7950	14200	7120	9090
21	21900	16100	19000	---	---	---	20400	8160	12100	---	---	---
22	22400	17500	19700	---	---	---	25000	12700	20200	---	---	---
23	24400	19800	22200	---	---	---	25300	13100	17400	---	---	---
24	21000	17200	19600	---	---	---	20500	10500	14200	---	---	---
25	17900	15700	16800	---	---	---	23000	10900	14500	---	---	---
26	20200	15700	17800	---	---	---	23100	6810	11000	18900	9130	13800
27	21300	18000	19600	---	---	---	13000	3740	7070	20300	13500	16500
28	21700	19100	20700	---	---	---	11600	4060	6870	31700	19500	25700
29	22200	18800	20700	---	---	---	18600	6100	11500	33700	28900	31100
30	22900	18900	21200	---	---	---	21800	8340	15400	29900	22800	27400
31	25500	20000	22800	---	---	---	24400	15300	20300	31800	22900	29300

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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
		FEBRUARY			MARCH			APRIL			MAY	
1	31800	28500	29900	7060	3130	5600	26700	17200	21200	15600	8450	11100
2	32600	23200	29300	11200	4420	7090	21300	10500	15100	12600	8980	10300
3	23700	14700	---	20400	6810	11600	12400	7620	9590	10800	9660	10300
4	16800	10200	13100	16000	8750	12000	12100	5710	8280	10400	7650	8650
5	14600	9580	11800	13000	4420	7600	16000	5700	11000	10700	4130	7780
6	18400	9560	12800	15100	4500	7500	17800	13500	16200	10400	5940	8870
7	21000	9950	14800	15800	5050	9450	13600	3370	7370	10200	8050	9230
8	19600	10400	14200	14600	4910	8150	7180	3930	5350	10700	7640	9180
9	17800	9340	12500	11000	6200	8690	9100	4000	6790	11000	8040	9330
10	17700	5400	8980	13400	5030	6760	14000	4210	10200	12500	8490	9990
11	6530	4280	5410	6460	4460	5320	17300	11100	13800	11900	8600	---
12	7820	6250	7120	8710	4640	6020	15300	8820	12700	11100	8630	9920
13	12000	6820	7730	12500	4060	8610	8950	3180	5260	14000	8220	10800
14	15400	9100	12100	17000	10100	14400	5270	3150	3700	14200	9460	11600
15	17300	8100	12200	26900	12900	18600	4570	3260	3660	13900	10100	12100
16	16600	9120	12900	24800	17300	21000	5810	2730	3860	16000	11000	13000
17	22700	10700	17500	19300	12700	14800	4760	2530	3390	14700	11200	13100
18	22200	12300	16000	15800	10400	13000	3660	2530	3000	13200	11600	12500
19	18100	8810	13600	19700	8860	13600	5060	2320	3360	13500	10400	12100
20	17900	9450	12400	19900	11100	15700	5920	2920	4340	12200	---	---
21	15800	6300	10000	22700	14100	18500	7480	3190	5010	17500	7240	12000
22	14900	4470	9760	25700	20200	22800	4240	917	2420	17200	8640	14800
23	16300	5760	9670	24000	12800	17300	4340	1910	2830	---	---	---
24	15100	6300	11300	19600	14900	17100	7260	1720	2950	15500	---	---
25	15800	7090	10700	21700	11900	16600	12900	1680	5720	18800	8390	13700
26	15100	7090	10900	20100	13400	17600	15100	5460	10000	25400	13300	18500
27	19300	9390	15900	18600	6890	15500	14700	4640	8490	24700	14600	19200
28	9390	3500	5640	6890	3840	5260	13800	3100	8110	22200	14300	18500
29	---	---	---	10700	4750	7230	14500	4980	10400	---	14600	---
30	---	---	---	15000	6650	10600	12800	8320	10700	---	---	---
31	---	---	---	18000	7780	13100	---	---	---	22700	17600	19500

		JUNE			JULY			AUGUST			SEPTEMBER	
1	18900	12000	16900	21500	13000	17400	24800	17300	21200	---	---	---
2	20400	11000	16800	18700	12000	15900	24300	16800	20900	---	---	---
3	19900	11300	16400	18600	11300	15200	25100	16200	21300	---	---	---
4	20500	13900	17800	17400	12000	14600	26400	18900	22400	---	---	---
5	20500	16200	19100	19700	12900	16500	26300	19800	23000	---	---	---
6	---	---	---	23500	15800	20400	25300	20000	23000	---	---	---
7	18700	---	---	20400	14700	17700	24500	18500	21600	---	---	---
8	17800	12600	15600	20400	14800	17300	20400	15100	18400	---	---	---
9	18300	11900	15300	22900	14900	18700	17400	13400	15700	---	---	---
10	20500	13400	17000	23200	19800	21500	19300	12900	16100	---	---	---
11	21600	18500	19900	20500	15400	17000	20500	14300	17500	---	---	---
12	---	16900	---	19100	13300	16900	21100	15100	17700	---	---	---
13	19200	14400	---	17300	11400	15000	22600	15600	19100	---	---	---
14	---	13800	---	14700	9990	12200	23400	15400	19600	---	---	---
15	---	9260	---	15500	---	---	24700	16500	20600	---	---	---
16	---	8400	---	18200	13000	16700	25200	15700	21400	---	---	---
17	---	---	---	19500	17200	18700	24300	16800	20500	---	---	---
18	20200	10800	15100	20200	18300	19100	24800	16200	20700	---	---	---
19	25500	12900	17300	21700	17700	19600	25300	17200	21300	---	---	---
20	23900	12500	18700	22400	18600	20100	24700	17300	21400	---	---	---
21	23900	13400	19000	22700	18700	---	24500	18100	21500	---	---	---
22	22600	14700	18700	21900	17500	19500	24000	19400	21000	---	---	---
23	21800	13900	17700	19200	15700	17600	27700	21200	24200	---	---	---
24	21500	13700	17500	18800	12400	15700	27600	21800	24800	---	---	---
25	22300	15200	18400	18900	14200	16400	28700	20500	24600	---	---	---
26	23200	16300	19400	17200	16100	16600	28800	21100	24900	---	---	---
27	20700	17900	19300	17300	9550	15200	30400	21100	26300	---	---	---
28	23100	14700	19000	18800	12900	16000	---	23900	---	---	---	---
29	23800	18700	21300	20500	12900	17500	---	---	---	---	---	---
30	19900	11600	17300	23400	15200	18800	---	---	---	---	---	---
31	---	---	---	24300	16400	20500	---	---	---	---	---	---

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.6	25.6	26.1	26.2	25.9	26.0	---	---	---	12.1	10.5	11.2
2	27.0	26.3	26.6	26.3	25.8	26.0	---	---	---	13.4	11.2	12.0
3	27.6	26.7	27.1	26.4	25.9	26.1	---	---	---	13.6	12.1	12.9
4	27.9	27.0	27.4	25.9	23.6	24.8	---	---	---	15.3	12.5	14.1
5	27.7	27.0	27.2	23.6	21.7	22.6	---	---	---	16.7	13.4	15.0
6	27.1	26.6	26.8	21.7	20.8	21.2	---	---	---	16.7	14.6	15.3
7	26.7	25.8	26.4	21.3	20.5	20.9	---	---	---	16.7	14.9	15.8
8	25.8	25.1	25.4	20.7	20.0	20.4	---	---	---	17.1	15.7	16.1
9	25.1	24.4	24.6	20.0	19.0	19.7	17.2	16.4	16.8	16.3	15.6	15.9
10	24.5	23.7	24.1	19.6	19.2	19.4	17.0	16.1	16.8	16.4	15.7	16.0
11	24.5	24.2	24.3	20.9	19.3	19.9	16.4	15.5	15.9	16.9	16.1	16.4
12	25.3	24.4	24.8	20.4	19.1	19.6	15.9	15.0	15.4	17.4	16.5	17.0
13	24.7	23.8	24.2	19.2	18.3	18.6	15.7	14.9	15.4	17.6	17.0	17.3
14	24.2	22.9	23.6	18.5	18.0	18.2	14.9	12.8	13.9	17.0	15.3	16.2
15	22.9	22.2	22.4	18.0	17.8	17.9	12.8	11.6	12.1	15.5	14.3	14.8
16	22.9	21.9	22.4	18.3	17.7	18.0	11.9	11.0	11.4	14.4	13.5	13.9
17	23.7	22.6	23.0	18.5	17.8	18.1	11.5	11.2	11.4	13.5	12.2	12.9
18	24.1	23.2	23.7	---	---	---	11.7	10.8	11.3	12.2	10.6	11.3
19	25.0	24.0	24.4	---	---	---	11.8	10.9	11.4	11.2	10.3	10.7
20	25.7	24.7	25.1	---	---	---	11.1	10.2	10.6	12.2	10.4	11.1
21	26.4	25.4	25.8	---	---	---	12.2	10.2	11.0	---	---	---
22	26.6	25.6	26.1	---	---	---	12.4	11.5	11.9	---	---	---
23	26.3	25.7	26.0	---	---	---	12.4	10.4	11.4	---	---	---
24	27.5	25.9	26.4	---	---	---	10.5	8.5	9.7	---	---	---
25	27.3	26.2	26.6	---	---	---	8.6	7.3	8.2	---	---	---
26	27.7	26.3	26.7	---	---	---	7.8	6.8	7.2	11.9	10.6	11.2
27	27.4	26.6	26.9	---	---	---	7.7	6.9	7.3	12.2	11.3	11.7
28	27.4	26.6	26.8	---	---	---	8.7	7.2	7.7	11.6	11.1	11.3
29	26.9	26.4	26.6	---	---	---	10.3	7.9	8.4	12.2	11.4	11.8
30	26.7	26.0	26.4	---	---	---	11.1	8.4	9.2	12.1	11.8	12.0
31	26.6	26.1	26.4	---	---	---	11.2	9.4	10.4	12.0	11.7	11.8

		FEBRUARY			MARCH			APRIL			MAY	
1	11.9	11.7	11.8	15.9	14.2	15.3	20.7	19.8	20.2	22.1	21.1	21.5
2	12.6	11.9	12.2	14.8	13.5	13.9	20.1	19.2	19.5	21.7	20.6	21.2
3	---	11.9	---	13.7	13.1	13.4	19.8	18.9	19.3	21.8	20.5	21.1
4	12.4	11.5	11.9	14.1	13.1	13.5	20.2	18.3	19.3	21.2	20.3	20.7
5	12.2	11.4	11.9	14.9	13.2	14.1	20.7	19.3	20.0	22.0	19.5	20.2
6	12.5	11.6	12.1	14.7	13.8	14.4	20.2	19.9	20.0	21.4	19.9	20.6
7	12.8	12.3	12.5	15.4	14.2	14.8	20.0	19.5	19.8	22.5	20.7	21.6
8	13.5	12.6	12.9	15.6	14.7	15.2	20.5	19.5	19.9	23.1	21.4	22.2
9	13.7	13.1	13.4	16.0	14.8	15.2	21.7	19.4	20.0	22.9	21.8	22.5
10	13.6	12.8	13.1	15.2	14.2	14.8	21.3	20.0	20.7	24.3	22.4	23.2
11	13.0	12.1	12.7	15.6	14.4	15.0	22.0	20.7	21.3	25.1	23.4	24.1
12	13.6	12.4	12.9	16.2	14.5	15.4	22.4	21.0	21.6	25.7	24.3	25.0
13	13.5	12.4	13.0	17.3	15.6	16.5	21.7	20.6	21.1	26.4	25.1	25.7
14	14.1	12.9	13.4	17.3	16.4	17.0	21.1	20.3	20.6	26.8	25.1	25.9
15	15.8	13.2	14.2	17.0	15.9	16.3	21.0	19.8	20.4	27.1	25.6	26.3
16	16.3	14.3	15.0	16.1	15.5	15.9	21.3	19.9	20.6	26.5	25.4	26.0
17	16.2	14.5	15.1	15.6	14.2	14.8	21.9	20.0	20.9	26.8	25.6	26.2
18	14.9	14.0	14.5	15.4	13.8	14.4	22.0	20.3	21.2	27.8	26.0	26.8
19	14.8	13.9	14.4	16.2	13.8	15.0	22.4	20.5	21.6	28.3	26.4	27.3
20	15.3	14.3	14.6	16.2	15.0	15.7	23.0	21.5	22.3	28.5	27.4	---
21	16.0	14.7	15.1	16.8	15.7	16.3	23.9	22.2	22.7	29.4	27.2	28.2
22	16.4	15.3	15.8	18.1	16.4	17.0	23.6	21.6	22.7	28.9	27.6	28.3
23	16.9	15.3	16.1	18.4	17.1	17.7	23.3	21.9	22.4	---	---	---
24	16.9	15.9	16.3	18.7	17.7	18.2	22.1	20.6	21.2	---	---	---
25	16.2	15.4	15.9	20.0	18.3	18.6	21.8	19.9	20.6	29.2	28.0	28.6
26	15.9	14.9	15.2	20.0	18.4	19.5	21.2	19.9	20.4	28.3	27.1	27.7
27	15.3	14.5	14.8	20.6	19.3	20.0	21.9	20.2	20.9	28.4	27.4	27.8
28	15.3	14.7	15.0	19.3	18.3	18.7	22.1	20.9	21.5	28.4	27.5	27.9
29	---	---	---	19.5	18.1	18.8	23.1	21.6	22.3	28.1	27.1	27.6
30	---	---	---	19.6	18.7	19.2	22.9	21.9	22.5	---	26.0	---
31	---	---	---	20.0	19.5	19.8	---	---	---	26.7	25.5	26.0

301104089253400 USCG ST JOSEPH ISLAND LIGHT 22--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.8	25.6	26.3	30.8	29.9	30.2	31.6	29.8	30.6	---	---	---
2	28.4	26.0	26.9	32.1	29.6	30.2	30.8	29.8	30.3	---	---	---
3	28.7	26.8	27.6	31.1	29.1	30.0	30.8	29.2	30.1	---	---	---
4	29.5	27.3	28.3	30.7	29.6	30.1	30.3	29.2	29.8	---	---	---
5	29.3	27.8	28.7	30.5	28.4	29.6	29.8	28.6	29.2	---	---	---
6	---	---	---	28.4	26.8	27.5	30.2	28.4	29.2	---	---	---
7	29.0	27.3	---	28.7	27.1	27.6	30.3	28.7	29.4	---	---	---
8	29.4	28.3	28.8	29.6	27.8	28.5	30.3	29.1	29.7	---	---	---
9	29.7	28.6	29.1	29.8	28.3	29.1	30.7	29.3	29.9	---	---	---
10	29.3	28.8	29.1	29.3	27.5	28.3	30.9	29.7	30.3	---	---	---
11	28.8	27.7	28.1	28.3	26.9	27.4	31.5	29.7	30.3	---	---	---
12	28.9	27.4	---	29.4	27.7	28.4	30.7	29.9	30.3	---	---	---
13	29.6	---	---	30.2	28.5	29.3	31.5	29.8	30.6	---	---	---
14	31.1	---	---	29.8	28.9	29.3	31.7	30.1	30.9	---	---	---
15	31.1	---	---	29.1	---	---	31.8	30.6	31.2	---	---	---
16	31.4	29.3	---	29.5	28.2	28.8	32.3	30.7	31.4	---	---	---
17	30.5	---	---	30.0	28.7	29.3	32.0	30.9	31.5	---	---	---
18	30.6	28.8	29.6	30.5	29.0	29.8	32.5	30.9	31.6	---	---	---
19	30.6	28.3	29.2	30.5	29.3	29.8	32.5	31.1	31.8	---	---	---
20	29.9	27.9	29.1	30.6	29.3	30.0	32.7	31.3	31.9	---	---	---
21	30.1	28.4	29.2	30.8	29.9	30.4	32.2	31.3	31.7	---	---	---
22	29.8	28.7	29.3	31.3	30.0	30.6	32.7	30.7	31.5	---	---	---
23	30.1	29.0	29.6	31.6	30.8	31.1	31.9	30.6	31.2	---	---	---
24	30.3	29.3	29.8	32.1	31.0	31.5	32.2	31.0	31.6	---	---	---
25	30.4	29.2	29.8	32.8	31.0	31.7	32.4	31.2	31.7	---	---	---
26	30.5	29.2	29.8	32.5	31.5	31.9	32.3	31.3	31.7	---	---	---
27	31.0	29.5	30.0	32.3	30.9	31.3	31.9	31.0	31.4	---	---	---
28	31.3	29.6	30.2	31.5	30.5	30.9	31.5	---	---	---	---	---
29	31.2	29.5	30.4	31.8	29.7	30.7	---	---	---	---	---	---
30	31.7	29.7	30.5	31.4	29.8	30.6	---	---	---	---	---	---
31	---	---	---	31.5	29.8	30.5	---	---	---	---	---	---

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS

LOCATION.--Lat 30°16'50", long 89°21'53", in T.9 S., R.14 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on the Garfield Ladner Memorial Pier in Waveland.

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

PERIOD OF DAILY RECORD.--
GAGE HEIGHT: August 2004 to current year.
SPECIFIC CONDUCTANCE: August 2004 to current year.
WATER TEMPERATURE: August 2004 to current year.

INSTRUMENTATION.--Submersible transducer and data-collection platform since August 2004. Datum of gage is assumed. Water-quality monitor since August 2004. The pier and all equipment were destroyed by Hurricane Katrina on August 29, 2005.

REMARKS.--Gage height records fair. 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.--
GAGE HEIGHT: Maximum recorded, 5.64 ft, Oct. 10, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, -1.46 ft, Dec. 11, 2004, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 39,400 microsiemens, Jan. 29, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 4,920 microsiemens, Apr. 19, 2005, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.7°C, Aug. 20, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 6.3°C, Dec. 26, 2004, but may have been lower during periods of instrument malfunction.

EXTREMES FOR CURRENT YEAR.--
GAGE HEIGHT: Maximum recorded, 5.64 ft, Oct. 10, but may have been higher during periods of instrument malfunction; minimum recorded, -1.46 ft, Dec. 11, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 39,400 microsiemens, Jan. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 4,920 microsiemens, Apr. 19, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.7°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 6.3°C, Dec. 26, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	0.98	0.39	0.72
2	---	---	---	---	---	---	---	---	---	1.17	0.30	0.81
3	---	---	---	---	---	---	---	---	---	1.60	0.42	1.13
4	---	---	---	---	---	---	---	---	---	1.72	0.41	1.03
5	---	---	---	---	---	---	---	---	---	1.68	-0.08	0.73
6	---	---	---	---	---	---	---	---	---	1.14	-0.63	0.16
7	---	---	---	---	---	---	---	---	---	0.51	-1.06	-0.20
8	---	---	---	---	---	---	---	---	---	1.10	-0.72	0.22
9	---	---	---	---	---	---	---	---	---	1.51	-0.10	0.68
10	---	---	---	---	---	---	---	---	---	1.38	-0.11	0.69
11	---	---	---	---	---	---	---	---	---	1.74	0.40	1.07
12	---	---	---	---	---	---	---	---	---	2.21	0.69	1.36
13	---	---	---	---	---	---	---	---	---	2.24	0.95	1.46
14	---	---	---	---	---	---	---	---	---	2.46	1.44	1.99
15	---	---	---	---	---	---	---	---	---	4.32	2.08	3.23
16	---	---	---	---	---	---	---	---	---	4.57	0.51	1.78
17	---	---	---	---	---	---	---	---	---	2.35	0.29	1.34
18	---	---	---	---	---	---	---	---	---	2.32	0.48	1.24
19	---	---	---	---	---	---	---	---	---	2.20	0.24	1.30
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	2.66	0.89	1.76
22	---	---	---	---	---	---	---	---	---	3.24	1.40	2.25
23	---	---	---	---	---	---	---	---	---	3.44	1.30	2.40
24	---	---	---	---	---	---	---	---	---	2.43	0.61	1.68
25	---	---	---	---	---	---	1.65	-0.69	0.55	2.51	0.53	1.52
26	---	---	---	---	---	---	1.72	-0.49	0.66	1.91	0.32	1.17
27	---	---	---	---	---	---	1.92	-0.41	0.84	1.31	0.27	0.79
28	---	---	---	---	---	---	1.86	-0.42	0.88	1.33	0.37	0.84
29	---	---	---	---	---	---	1.91	-0.33	0.83	1.39	0.49	0.97
30	---	---	---	---	---	---	1.72	-0.23	0.74	2.01	0.46	1.14
31	---	---	---	---	---	---	1.39	0.08	0.75	---	---	---

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.20	0.45	1.26	3.97	1.66	2.65	2.16	-0.01	0.86	2.01	0.75	1.43
2	2.25	0.13	1.07	3.65	1.37	2.56	2.28	0.39	1.22	1.94	0.95	1.43
3	2.05	0.11	1.03	3.65	1.35	2.35	1.86	0.62	1.21	1.57	0.86	1.19
4	2.13	0.40	1.20	2.52	0.39	1.18	2.06	0.75	1.35	1.61	0.72	1.15
5	1.85	0.41	1.15	1.94	0.63	1.30	2.15	1.00	1.55	2.11	0.49	1.26
6	2.36	0.74	1.63	2.00	0.54	1.29	2.10	1.26	1.66	2.06	-0.07	0.99
7	3.07	2.18	2.64	1.40	0.72	1.07	2.07	1.03	1.56	2.22	0.00	1.08
8	4.13	2.32	3.11	1.45	0.82	1.12	2.38	0.83	1.64	---	---	---
9	3.74	2.65	3.29	2.68	1.23	1.91	2.61	0.74	1.53	---	---	---
10	5.64	2.74	---	3.65	2.14	2.96	1.91	-0.39	0.48	---	---	---
11	2.92	1.64	2.44	3.29	1.39	2.41	1.68	-1.46	-0.07	---	---	---
12	2.08	1.20	1.60	2.89	0.83	1.93	2.21	-0.77	0.64	---	---	---
13	1.44	0.48	0.97	2.89	0.59	1.71	2.20	-1.19	0.15	2.75	0.19	1.41
14	1.33	0.45	0.93	3.90	1.07	2.24	1.15	-1.08	0.00	1.93	-0.19	0.48
15	2.01	-0.06	0.77	3.90	1.23	2.44	---	---	---	1.26	0.29	0.75
16	2.17	-0.16	0.98	3.50	0.97	2.03	1.53	0.09	0.87	0.50	-0.79	0.01
17	2.53	-0.28	1.04	3.17	0.86	1.99	1.62	0.23	0.82	0.51	-0.90	-0.13
18	2.75	0.18	1.52	3.13	1.17	2.09	1.23	0.38	0.74	1.05	-0.48	0.26
19	3.01	0.22	1.44	2.93	1.08	1.97	0.65	-0.61	-0.22	1.31	-0.76	0.29
20	2.56	-0.05	1.28	2.41	1.46	2.02	0.92	-0.44	0.34	1.54	-1.03	0.27
21	2.19	0.11	1.21	2.41	1.50	1.85	1.90	-0.16	0.86	1.71	-0.89	0.43
22	2.29	0.50	1.46	2.33	1.27	1.81	3.52	0.59	1.79	1.26	-0.86	0.24
23	2.80	0.82	1.94	2.84	1.19	1.96	1.65	-0.78	0.52	0.92	-1.25	-0.26
24	1.72	1.19	1.49	2.62	0.80	1.84	1.87	-0.58	0.72	1.19	-0.73	0.17
25	1.62	0.94	1.36	2.24	-0.21	0.90	1.96	-0.35	0.75	1.42	-1.19	0.03
26	2.31	0.86	1.62	3.18	0.40	1.61	1.89	-0.53	0.44	1.43	-0.61	0.39
27	2.55	0.70	1.67	3.08	1.19	1.65	1.33	-0.89	0.16	1.56	-0.79	0.41
28	2.60	0.57	1.60	2.73	0.53	1.51	1.77	-0.72	0.40	3.65	0.88	2.19
29	2.88	0.61	1.67	2.84	0.53	1.63	1.86	-0.23	0.77	3.40	0.68	1.44
30	3.18	0.69	1.80	2.85	0.97	1.68	2.12	0.02	1.00	1.62	0.73	1.12
31	3.63	0.94	2.05	---	---	---	2.16	0.40	1.26	2.01	1.16	1.55
		FEBRUARY			MARCH			APRIL			MAY	
1	2.71	1.16	1.88	0.47	-1.06	-0.33	3.35	-0.01	2.23	2.11	-0.35	1.01
2	2.77	0.50	1.81	1.43	-1.07	0.50	1.47	-0.58	0.39	1.72	0.06	1.02
3	1.53	-0.25	0.65	2.40	-0.13	1.05	1.44	-0.51	0.57	1.46	0.09	0.90
4	1.66	-0.53	0.56	1.96	-0.21	0.81	2.04	-0.69	0.66	1.47	0.49	0.84
5	1.97	-0.39	0.81	1.20	-0.86	0.24	2.30	0.19	1.18	0.96	0.16	0.65
6	2.84	-0.37	1.20	1.82	-1.09	0.49	2.31	1.17	1.79	1.71	0.02	0.90
7	2.60	-0.05	1.25	2.13	-0.66	0.76	1.51	0.20	0.72	1.42	-0.39	0.61
8	2.53	0.08	1.34	---	---	---	1.16	0.08	0.68	1.89	-0.20	0.86
9	2.44	0.02	1.08	---	---	---	1.64	-0.09	0.94	1.93	-0.31	0.80
10	1.81	-0.33	0.37	---	---	---	2.35	0.43	1.57	2.17	-0.24	1.02
11	0.94	-0.10	0.37	---	---	---	2.92	0.99	2.10	1.91	-0.37	0.72
12	0.72	-0.07	0.36	---	---	---	2.54	0.21	1.44	1.74	-0.37	0.68
13	1.76	0.42	1.17	---	---	---	2.11	-0.40	0.77	2.06	-0.32	0.93
14	1.30	0.13	0.74	1.15	---	---	2.18	-0.60	0.76	2.05	0.19	1.07
15	1.72	0.25	0.99	2.81	-0.31	1.38	1.81	-0.08	0.80	1.77	0.03	0.88
16	1.63	-0.35	0.72	1.87	0.08	0.89	1.95	-0.48	0.80	1.84	-0.01	0.99
17	1.83	-0.31	0.77	1.28	-0.44	0.43	1.71	-0.37	0.65	1.60	0.14	0.87
18	1.76	-0.20	0.81	1.49	-0.31	0.65	1.41	-0.29	0.68	1.21	0.33	0.80
19	1.85	-0.16	0.86	1.56	-0.32	0.69	1.57	0.19	1.00	1.15	0.56	0.78
20	1.73	-0.08	0.83	1.90	-0.25	0.94	1.82	0.48	1.21	1.08	-0.01	0.62
21	1.53	-0.26	0.70	2.28	0.18	1.31	1.47	0.68	1.15	1.33	-0.26	0.51
22	1.39	-0.46	0.50	2.36	1.05	1.66	1.11	-0.05	0.80	2.17	-0.17	0.97
23	1.50	-0.48	0.61	1.72	-0.03	0.87	0.83	-0.44	0.09	1.51	-0.74	0.52
24	1.35	-0.27	0.58	1.67	0.61	1.22	1.50	-0.66	0.42	1.45	-1.08	0.19
25	1.39	0.14	0.63	1.65	0.68	1.10	2.07	-0.52	0.87	2.41	-1.08	0.68
26	1.45	0.77	1.03	1.85	1.10	1.48	1.97	-0.32	1.05	2.29	-0.56	0.91
27	1.71	0.63	1.20	1.89	-0.83	0.94	2.24	-0.50	0.93	2.14	-0.53	0.81
28	0.75	-0.56	0.04	0.64	-0.93	-0.18	2.47	-0.76	0.81	1.88	-0.59	0.69
29	---	---	---	1.70	-0.69	0.57	2.36	-0.18	1.14	2.26	-0.25	0.81
30	---	---	---	2.39	0.01	1.28	1.99	0.26	1.05	2.25	0.19	1.42
31	---	---	---	2.25	0.12	1.38	---	---	---	1.83	0.72	1.27

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.32	0.56	0.94	1.58	-0.55	0.63	1.93	---	---	---	---	---
2	1.60	0.32	1.06	1.43	-0.90	0.49	1.98	---	---	---	---	---
3	1.92	0.23	1.14	1.49	-0.65	0.54	1.99	---	---	---	---	---
4	2.18	0.32	1.32	1.62	-0.55	0.53	2.01	-0.07	1.01	---	---	---
5	2.37	0.32	1.49	2.41	-0.09	1.11	1.93	0.11	1.05	---	---	---
6	2.44	0.04	1.30	3.87	-0.33	1.45	1.79	0.11	0.96	---	---	---
7	2.19	-0.18	1.09	2.07	-0.27	1.00	1.55	0.10	0.83	---	---	---
8	2.11	-0.18	0.96	2.04	-0.17	0.93	1.30	0.14	0.71	---	---	---
9	2.20	-0.12	1.10	2.41	-0.17	1.31	0.87	0.19	0.58	---	---	---
10	3.54	0.13	1.65	2.93	0.85	1.92	0.86	0.25	0.56	---	---	---
11	2.59	0.83	1.78	2.07	0.49	1.51	1.18	0.10	0.56	---	---	---
12	2.36	0.69	1.57	2.03	0.49	1.46	1.43	---	---	---	---	---
13	2.09	0.51	1.33	1.45	0.52	1.03	1.50	---	---	---	---	---
14	1.65	0.42	1.11	1.31	0.46	0.88	1.65	---	---	---	---	---
15	1.16	0.18	0.74	1.71	0.24	---	1.94	---	---	---	---	---
16	1.10	0.31	0.70	2.31	0.29	1.30	2.20	-0.79	0.73	---	---	---
17	1.57	-0.01	0.78	2.28	-0.08	1.23	1.79	-0.75	0.53	---	---	---
18	1.79	-0.14	0.99	2.39	-0.11	1.22	2.05	-0.58	0.77	---	---	---
19	2.08	-0.38	0.86	2.68	-0.06	1.40	1.92	-0.51	0.75	---	---	---
20	2.23	-0.28	0.97	2.84	-0.11	1.48	1.53	-0.25	0.66	---	---	---
21	2.27	-0.20	1.08	2.66	---	---	1.38	-0.24	0.64	---	---	---
22	2.44	-0.34	1.10	2.56	---	---	1.09	0.22	0.74	---	---	---
23	2.46	-0.35	1.06	1.91	---	---	1.47	0.41	0.93	---	---	---
24	2.36	-0.36	1.06	1.57	---	---	1.46	0.27	0.90	---	---	---
25	2.30	-0.13	1.14	1.31	0.00	0.71	1.63	0.04	0.88	---	---	---
26	2.18	-0.02	1.23	0.90	0.42	0.72	1.90	0.14	0.99	---	---	---
27	1.64	0.41	1.05	0.98	0.13	0.56	2.27	0.34	1.30	---	---	---
28	1.55	0.63	1.15	1.13	---	---	4.13	1.44	3.08	---	---	---
29	1.58	0.62	1.18	1.58	---	---	---	---	---	---	---	---
30	1.51	0.04	0.79	1.83	---	---	---	---	---	---	---	---
31	---	---	---	1.89	---	---	---	---	---	---	---	---

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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	27100	26700	26900
2	---	---	---	---	---	---	---	---	---	27400	26900	27100
3	---	---	---	---	---	---	---	---	---	27100	26200	26900
4	---	---	---	---	---	---	---	---	---	27000	26500	26700
5	---	---	---	---	---	---	---	---	---	27900	26400	27300
6	---	---	---	---	---	---	---	---	---	27800	27100	27500
7	---	---	---	---	---	---	---	---	---	27900	27500	27700
8	---	---	---	---	---	---	---	---	---	27700	24400	26000
9	---	---	---	---	---	---	---	---	---	25200	24300	24800
10	---	---	---	---	---	---	---	---	---	26200	24800	25700
11	---	---	---	---	---	---	---	---	---	26400	24500	25400
12	---	---	---	---	---	---	---	---	---	26700	25700	26200
13	---	---	---	---	---	---	---	---	---	28100	26200	26900
14	---	---	---	---	---	---	---	---	---	29400	26600	27500
15	---	---	---	---	---	---	---	---	---	34700	28000	29400
16	---	---	---	---	---	---	---	---	---	33300	30000	31800
17	---	---	---	---	---	---	---	---	---	35900	33300	34800
18	---	---	---	---	---	---	---	---	---	35100	33000	34200
19	---	---	---	---	---	---	---	---	---	33800	31200	32700
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	32000	30400	31700
22	---	---	---	---	---	---	---	---	---	32400	31000	31900
23	---	---	---	---	---	---	---	---	---	32600	27300	30800
24	---	---	---	---	---	---	---	---	---	32700	28700	32400
25	---	---	---	---	---	---	29000	27100	28100	33900	32700	33400
26	---	---	---	---	---	---	27800	27200	27600	34000	32000	33400
27	---	---	---	---	---	---	27700	27200	27600	33800	32600	33300
28	---	---	---	---	---	---	27800	27200	27500	34700	28300	32300
29	---	---	---	---	---	---	28700	27000	27800	34000	25600	30000
30	---	---	---	---	---	---	28000	26700	27400	30500	26100	28200
31	---	---	---	---	---	---	27000	26500	26800	---	---	---

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30800	27100	28900	24000	15200	20500	23000	19100	20200	27600	18500	24100
2	30400	27100	29800	24100	18600	21500	19300	18800	19100	27000	25000	25800
3	30300	28100	29300	27300	18100	23500	19100	18400	18700	25200	25000	25100
4	30200	28400	29200	29200	21700	26100	21900	18500	19400	25200	23800	24600
5	29400	27900	28600	21800	21100	21500	21100	19400	20600	25400	22200	23700
6	30000	27700	28700	21500	21200	21300	22600	20600	21600	23800	21600	22600
7	34300	29900	31100	21600	21400	21500	24400	19000	21600	25500	22400	23600
8	37200	28900	32900	21400	21300	21400	26900	24400	25500	---	---	---
9	37200	26400	33700	25600	19800	21900	26800	22500	25300	---	---	---
10	---	---	---	30600	23700	27800	26700	22700	24400	---	---	---
11	33800	26300	31200	30400	27900	29400	23100	20200	21900	---	---	---
12	35900	31700	33000	29500	28600	29000	21400	9790	14900	---	---	---
13	33700	31000	32000	30900	29100	29800	10400	9820	10200	24000	23400	23800
14	32200	20600	24200	29900	28300	29100	10900	10400	10700	24000	23400	23700
15	23300	21800	22500	30100	24200	28000	---	---	---	23700	22300	23200
16	22600	17900	20900	32300	27400	30500	11900	8010	10300	23500	20600	21800
17	20900	17700	19300	33000	31700	32300	13900	11900	13100	20600	13300	18200
18	18700	14600	16500	33100	27900	31700	14000	13900	13900	14400	10200	12000
19	19600	16300	18200	33100	31600	32100	14000	13900	13900	17600	13300	14600
20	18600	17200	18000	33200	30100	32400	21600	13900	16800	18800	14600	17100
21	17700	17000	17400	32100	29100	30700	24400	15600	17900	21100	17500	18800
22	17000	16500	16700	32600	31600	32300	27200	14300	21900	22500	18400	20000
23	16800	15700	15900	32400	26500	30600	27200	19700	21800	20500	16900	18100
24	15700	15600	15600	29100	24300	27100	21400	20100	20600	19600	16500	17600
25	15800	15500	15700	28400	26900	27700	22300	20400	21000	20400	18500	20000
26	16000	15500	15800	27300	25400	26500	20500	20000	20200	24100	19400	20800
27	16200	15700	16000	27700	22200	25100	20100	16700	18300	22700	21600	22200
28	16100	15700	15900	26000	21200	22500	17000	13300	15700	38600	22600	29000
29	16400	15400	16000	26000	25100	25600	17200	13400	14100	39400	38300	38900
30	15500	15200	15200	25600	21600	23700	19200	15000	16400	38700	34200	36000
31	15400	15200	15300	---	---	---	19300	16500	17900	35200	29600	32900
		FEBRUARY			MARCH			APRIL			MAY	
1	33400	32300	32900	17100	13700	16200	26100	20100	22500	11300	9380	10300
2	37900	32200	36500	16300	11200	13200	24100	20100	20700	11100	9340	9900
3	37400	31600	33600	14700	10500	11900	20400	12300	16800	11900	10800	11200
4	31600	23400	27400	15900	11100	13600	15300	11200	13800	11300	10200	10800
5	25000	20900	22900	17200	14000	15800	13100	11300	11900	10500	9930	10200
6	24600	20200	21900	15900	14500	15200	16500	11900	12700	11600	9160	10600
7	25800	20000	23100	16500	14900	15600	17600	14400	16600	12100	8860	10100
8	26500	22200	24900	---	---	---	18000	14400	16600	12000	9180	10100
9	26000	23900	25100	---	---	---	14900	11400	13200	13100	9350	11100
10	25000	17700	22000	---	---	---	12100	11100	11600	12800	9900	11700
11	19600	16600	18000	---	---	---	14100	11600	12700	12800	9920	11300
12	21100	17700	19500	---	---	---	17200	13300	15400	12500	10000	11400
13	25500	21100	22700	---	---	---	15900	12700	14400	13400	10400	11500
14	27400	25200	26500	---	---	---	12700	10400	11500	13000	10800	11500
15	28400	27400	27900	26400	15100	18400	10400	5820	7840	13700	12000	12900
16	29300	23800	27100	23700	21100	22800	10400	7070	8590	12800	11100	11500
17	27900	25000	26600	21600	20600	21400	7120	6370	6890	12700	11200	11800
18	25200	23700	24000	20600	18000	19300	7610	6380	6970	14600	11700	13600
19	24700	23300	24000	19700	18200	18900	6700	4920	5980	13400	13100	13200
20	24400	21900	23500	19800	18600	19300	7420	5950	6550	14000	13200	13500
21	23800	23200	23500	21300	17700	19200	7650	5670	6530	14300	13600	14000
22	23300	19000	22600	24100	21100	22800	8930	5120	6640	14900	13500	14200
23	20400	16500	18600	24600	21000	22700	6910	5850	6610	16700	13600	14800
24	17600	16300	16900	21800	21300	21400	6640	5710	6060	16600	14400	15200
25	17400	16300	16900	21800	21300	21600	6950	6070	6430	15800	14700	15300
26	17100	16700	16900	22000	21300	21700	9390	6100	7450	16900	14600	15700
27	16700	16200	16500	22100	19800	21500	12400	7170	9800	18800	15000	16600
28	16800	16400	16600	19800	17600	19100	12000	9760	11100	19500	16300	17500
29	---	---	---	19400	13600	17300	12300	9760	10500	18900	16900	17600
30	---	---	---	20000	13600	16900	11600	9740	10400	19100	15700	16700
31	---	---	---	20800	18800	19700	---	---	---	18400	14400	17000

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	20200	17500	19100	23000	19600	20800	21500	19500	20800	---	---	---
2	22500	15600	19700	21900	19500	20500	21900	20600	21200	---	---	---
3	22300	17300	18800	21800	19300	20800	21400	20200	21100	---	---	---
4	19800	16900	18100	21100	18300	19700	22200	20200	21300	---	---	---
5	19900	17200	18400	22200	20000	21200	22100	20800	21600	---	---	---
6	19100	17400	18300	25300	19400	22300	21800	20700	21300	---	---	---
7	18300	16800	17700	21400	17100	19000	21900	20700	21500	---	---	---
8	17700	16100	17100	19000	16900	17900	21900	20800	21500	---	---	---
9	17500	15800	16900	19000	16600	18000	23200	21500	22600	---	---	---
10	17500	15800	16800	18200	17000	17800	22800	21800	22600	---	---	---
11	17500	16200	17000	20900	17800	19400	23300	20300	22400	---	---	---
12	17800	16400	17200	19900	17900	19400	23900	21000	22300	---	---	---
13	17600	15800	17200	19700	17900	19200	22700	21200	22000	---	---	---
14	17800	15700	17200	20000	17300	18500	23300	21400	22500	---	---	---
15	17900	16400	17400	---	---	---	23700	21300	22700	---	---	---
16	17900	17100	17600	18900	17200	18300	23500	21300	22600	---	---	---
17	17700	16700	17200	19600	16900	18600	23900	22100	23100	---	---	---
18	18700	16600	17900	20400	18200	19100	24200	22300	23200	---	---	---
19	18400	14600	17000	19900	17700	18900	24200	21900	23200	---	---	---
20	16700	14400	15400	20000	18400	19100	24200	22000	23200	---	---	---
21	18100	15600	16700	20100	18300	19100	24700	22200	23600	---	---	---
22	19100	16800	17900	19300	18300	18700	25500	22500	24000	---	---	---
23	19800	17700	18800	19800	18500	19100	25400	23500	24800	---	---	---
24	20000	18100	18900	19500	18900	19300	25400	23800	24900	---	---	---
25	19700	17500	18600	19400	18300	19000	25400	24600	25100	---	---	---
26	20900	18200	19000	19600	19100	19200	25700	24600	25200	---	---	---
27	20900	19100	19800	19600	18400	19200	26800	24500	26000	---	---	---
28	20700	19300	19700	22200	18600	19800	31200	24000	26800	---	---	---
29	20700	18800	19600	22200	18700	20400	---	---	---	---	---	---
30	21100	18800	19700	21100	19400	20400	---	---	---	---	---	---
31	---	---	---	21200	19400	20400	---	---	---	---	---	---

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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	30.6	28.1	29.4
2	---	---	---	---	---	---	---	---	---	31.1	29.1	30.0
3	---	---	---	---	---	---	---	---	---	30.2	29.0	29.6
4	---	---	---	---	---	---	---	---	---	30.1	28.4	29.2
5	---	---	---	---	---	---	---	---	---	30.0	28.8	29.4
6	---	---	---	---	---	---	---	---	---	29.8	28.5	29.2
7	---	---	---	---	---	---	---	---	---	30.0	27.9	29.2
8	---	---	---	---	---	---	---	---	---	31.1	28.0	29.2
9	---	---	---	---	---	---	---	---	---	29.9	27.5	28.9
10	---	---	---	---	---	---	---	---	---	30.6	28.9	29.7
11	---	---	---	---	---	---	---	---	---	30.5	29.0	29.6
12	---	---	---	---	---	---	---	---	---	29.8	28.4	29.1
13	---	---	---	---	---	---	---	---	---	29.4	27.0	28.3
14	---	---	---	---	---	---	---	---	---	28.9	27.0	28.2
15	---	---	---	---	---	---	---	---	---	28.4	26.4	27.4
16	---	---	---	---	---	---	---	---	---	27.1	25.7	26.2
17	---	---	---	---	---	---	---	---	---	28.8	26.6	27.4
18	---	---	---	---	---	---	---	---	---	30.0	27.3	28.1
19	---	---	---	---	---	---	---	---	---	28.4	26.3	27.5
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	26.9	25.5	26.2
22	---	---	---	---	---	---	---	---	---	26.2	24.9	25.7
23	---	---	---	---	---	---	---	---	---	25.7	24.7	25.3
24	---	---	---	---	---	---	---	---	---	26.7	24.9	25.7
25	---	---	---	---	---	---	33.0	30.2	31.5	27.0	26.0	26.4
26	---	---	---	---	---	---	33.2	30.8	31.9	26.7	24.6	26.0
27	---	---	---	---	---	---	32.4	30.8	31.6	26.8	24.9	25.8
28	---	---	---	---	---	---	31.9	30.7	31.3	26.7	25.2	25.9
29	---	---	---	---	---	---	31.2	29.6	30.4	27.0	25.0	26.1
30	---	---	---	---	---	---	30.0	28.5	29.4	27.1	25.4	26.3
31	---	---	---	---	---	---	30.2	28.0	29.1	---	---	---

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.4	26.3	26.7	26.5	25.6	26.1	18.9	18.5	18.7	12.9	10.8	11.8
2	28.4	26.6	27.2	27.0	25.6	26.2	18.5	17.9	18.1	15.1	12.4	13.4
3	29.0	27.0	27.8	26.4	26.0	26.2	18.0	17.0	17.4	16.1	13.8	14.9
4	29.4	27.5	28.2	26.3	25.5	26.0	17.6	15.1	16.7	17.4	14.6	15.9
5	28.3	27.4	27.8	25.5	24.3	24.8	16.7	15.4	16.0	17.1	15.7	16.2
6	28.4	26.6	27.4	24.3	23.6	23.9	17.3	15.4	16.1	17.3	16.3	16.9
7	27.0	25.5	26.0	23.6	23.4	23.5	17.4	16.1	16.9	17.4	16.6	17.0
8	25.9	24.5	25.1	23.4	23.2	23.2	17.7	16.8	17.3	---	---	---
9	24.5	24.0	24.2	23.2	19.8	21.7	17.9	17.0	17.4	---	---	---
10	24.3	---	---	20.0	18.9	19.5	18.1	17.9	18.0	---	---	---
11	25.5	24.2	24.5	21.0	19.5	20.3	18.0	17.4	17.7	---	---	---
12	24.8	24.4	24.6	20.9	20.1	20.3	17.4	17.0	17.2	---	---	---
13	24.7	23.2	24.0	20.1	18.4	19.2	17.1	16.9	17.0	18.2	17.6	18.0
14	24.4	23.3	23.8	19.4	17.7	18.2	17.0	15.8	16.4	17.6	15.5	16.5
15	24.2	23.2	24.0	18.8	17.6	18.2	---	---	---	15.5	13.9	14.5
16	23.8	22.5	23.1	19.0	17.5	18.1	11.7	10.7	11.3	14.3	12.7	13.4
17	24.9	22.9	23.7	19.1	17.8	18.3	12.1	11.0	11.4	13.5	10.8	11.9
18	24.8	24.0	24.3	19.0	18.2	18.5	12.5	11.4	11.9	12.1	9.4	10.6
19	26.6	24.1	25.2	19.8	18.4	19.2	12.8	11.9	12.2	11.2	10.5	10.8
20	26.0	25.2	25.4	19.9	19.2	19.6	11.9	9.6	10.5	12.3	10.6	11.1
21	27.4	25.8	26.3	19.9	19.1	19.6	11.9	10.2	11.0	12.9	11.3	11.7
22	27.5	26.4	26.8	20.2	19.8	20.0	12.6	11.6	12.1	13.0	12.0	12.6
23	27.0	26.2	26.6	21.9	19.9	20.7	12.6	10.5	11.4	12.6	10.3	11.1
24	26.8	26.1	26.3	22.2	21.1	21.6	10.5	8.6	9.3	10.9	9.2	10.0
25	27.3	26.2	26.5	21.3	19.9	20.5	8.6	6.9	7.5	11.0	9.6	10.3
26	27.0	26.5	26.7	20.0	16.1	17.8	7.3	6.3	6.9	12.2	10.2	11.0
27	27.6	26.7	27.1	19.2	17.2	18.2	9.0	6.9	7.7	11.8	11.2	11.5
28	27.6	26.5	27.1	19.3	17.2	18.7	10.1	7.8	8.7	11.6	11.1	11.4
29	27.3	26.2	26.8	17.5	16.3	17.1	11.3	8.1	9.2	11.9	11.5	11.6
30	26.9	26.0	26.5	18.9	17.2	17.9	10.8	8.8	9.7	12.4	11.8	12.0
31	26.6	26.0	26.4	---	---	---	11.7	9.6	10.6	12.0	11.1	11.6
		FEBRUARY			MARCH			APRIL			MAY	
1	11.6	11.5	11.6	15.6	14.2	14.7	20.9	20.0	20.4	22.1	20.8	21.4
2	12.1	11.6	11.9	14.7	13.3	13.9	20.0	19.0	19.6	21.9	20.0	21.1
3	12.1	11.7	11.9	13.6	13.0	13.3	20.2	17.7	19.2	21.7	20.5	21.0
4	12.9	11.2	11.9	13.6	12.7	13.3	20.8	18.7	19.9	21.6	20.4	20.9
5	13.0	11.2	12.2	15.5	13.4	14.2	21.1	19.8	20.5	21.2	19.4	20.2
6	12.6	12.2	12.4	15.1	14.0	14.6	20.8	20.2	20.5	22.9	19.9	21.1
7	13.2	12.4	12.7	16.2	14.8	15.4	20.3	20.0	20.1	24.1	21.2	22.4
8	14.7	12.8	13.2	---	---	---	21.1	20.1	20.5	24.2	22.2	23.0
9	14.5	13.2	13.6	---	---	---	22.6	19.5	20.6	24.2	22.5	23.0
10	14.4	13.4	13.9	---	---	---	22.3	21.2	21.7	25.2	22.7	23.8
11	13.9	13.1	13.6	---	---	---	22.4	21.4	21.9	26.0	24.3	25.0
12	13.6	12.5	12.7	---	---	---	22.3	21.8	22.0	26.8	25.2	25.8
13	13.0	12.6	12.7	---	---	---	22.0	21.0	21.6	27.0	26.1	26.6
14	13.3	12.9	13.2	---	16.3	---	21.4	19.7	20.7	27.3	26.0	26.6
15	14.2	13.3	13.6	16.6	15.4	16.1	20.8	19.0	19.8	27.1	26.4	26.8
16	14.8	13.7	14.2	16.5	15.4	16.3	21.6	19.5	20.5	27.1	25.0	26.2
17	15.0	14.1	14.5	15.4	13.7	14.6	22.7	20.9	21.8	27.1	25.8	26.4
18	14.8	13.4	14.1	15.9	12.6	14.4	23.1	21.2	22.2	28.1	26.4	27.2
19	14.7	13.7	14.3	16.2	14.8	15.5	22.9	21.7	22.4	29.0	27.0	27.8
20	16.1	14.4	14.9	16.4	16.0	16.2	23.5	21.8	22.6	29.0	27.6	28.1
21	15.6	15.1	15.3	16.8	16.2	16.5	24.4	22.4	23.0	29.5	27.5	28.3
22	18.1	15.4	16.1	18.5	16.7	17.1	24.6	22.8	23.7	29.8	28.2	28.9
23	18.2	17.3	17.6	19.0	17.0	17.9	24.3	22.8	23.3	29.5	28.2	28.8
24	17.6	17.0	17.3	19.3	17.8	18.5	23.0	21.2	21.9	29.3	28.2	28.8
25	17.0	15.9	16.4	21.3	18.7	19.7	21.3	19.7	20.4	29.3	28.2	28.8
26	16.3	15.1	15.5	21.0	20.4	20.8	21.3	19.2	20.3	28.6	27.1	27.9
27	15.1	14.7	14.9	21.7	20.3	20.9	22.4	20.8	21.3	28.7	27.4	28.0
28	15.2	14.4	14.8	20.3	19.0	19.4	22.8	21.3	22.0	28.7	27.4	28.1
29	---	---	---	20.0	18.3	19.3	23.8	22.3	22.8	28.3	26.7	27.6
30	---	---	---	20.0	19.4	19.6	23.9	22.1	23.2	26.8	25.5	25.9
31	---	---	---	20.5	19.8	20.1	---	---	---	26.3	25.3	25.7

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.6	25.8	26.1	30.7	30.1	30.4	31.1	30.3	30.7	---	---	---
2	29.0	25.9	26.8	31.0	29.7	30.2	30.7	30.0	30.3	---	---	---
3	30.1	26.4	28.2	30.6	29.4	30.0	31.1	29.5	30.2	---	---	---
4	30.3	27.8	29.0	31.7	29.8	30.6	30.5	29.4	30.0	---	---	---
5	30.0	28.6	29.3	30.8	28.5	29.9	30.1	28.8	29.4	---	---	---
6	29.8	28.1	29.0	28.5	27.2	27.6	30.4	28.8	29.5	---	---	---
7	29.6	27.7	28.6	28.4	26.4	27.4	30.5	29.1	29.6	---	---	---
8	30.6	28.8	29.5	29.8	28.0	28.8	30.6	29.0	29.7	---	---	---
9	30.7	29.2	29.9	30.3	28.5	29.4	30.9	29.8	30.1	---	---	---
10	30.3	29.2	29.6	29.5	27.3	28.5	31.7	29.8	30.4	---	---	---
11	29.2	27.8	28.3	27.8	26.8	27.1	31.1	29.7	30.5	---	---	---
12	29.5	27.2	28.3	29.5	27.5	28.1	30.8	30.3	30.6	---	---	---
13	30.1	28.5	29.3	30.0	28.7	29.3	31.7	30.2	31.0	---	---	---
14	31.4	29.3	29.9	29.8	29.0	29.3	32.4	30.6	31.4	---	---	---
15	31.5	30.1	30.7	29.1	28.8	---	32.3	31.0	31.6	---	---	---
16	31.7	30.3	30.7	30.4	28.4	29.3	32.8	31.0	31.8	---	---	---
17	32.0	30.3	30.9	31.1	29.0	29.9	32.4	31.3	31.8	---	---	---
18	30.8	29.8	30.1	31.5	29.6	30.3	33.5	31.0	32.0	---	---	---
19	30.6	29.2	29.7	31.2	30.1	30.6	33.5	31.6	32.4	---	---	---
20	30.4	28.6	29.5	31.5	30.2	30.8	33.7	31.9	32.4	---	---	---
21	30.2	28.9	29.5	31.9	30.4	31.0	32.4	31.4	32.0	---	---	---
22	30.4	29.1	29.6	32.1	30.2	31.1	31.4	30.6	30.9	---	---	---
23	30.7	29.4	30.0	31.7	30.8	31.0	32.3	30.5	31.2	---	---	---
24	30.5	29.6	30.1	32.3	30.3	31.0	32.7	31.2	31.9	---	---	---
25	30.4	29.5	30.0	32.8	31.0	31.8	32.9	31.4	32.1	---	---	---
26	30.6	29.6	30.0	32.8	31.7	32.2	32.9	31.4	32.0	---	---	---
27	30.9	29.6	30.2	32.2	31.4	31.8	32.2	31.2	31.6	---	---	---
28	31.4	30.0	30.6	31.8	31.0	31.3	31.7	30.0	31.0	---	---	---
29	31.0	30.0	30.4	31.2	30.0	30.6	---	---	---	---	---	---
30	31.4	30.2	30.5	31.1	30.1	30.6	---	---	---	---	---	---
31	---	---	---	31.5	29.9	30.6	---	---	---	---	---	---

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.
TURBIDITY: July 2005 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. The platform and all equipment were destroyed by Hurricane Katrina on August 28, 2005.

REMARKS.--Gage height records good. Turbidity records poor. 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, -2.39 ft, Dec. 11, 2004, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 110 FNU, July 10, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 1.0 FNU, on several days in water year 2005, 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, 33.0°C, Aug. 20, 2005, 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, 5.24 ft, Oct. 10, but may have been higher during periods of instrument malfunction; minimum recorded, -2.39 ft, Dec. 11, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 110 FNU, July 10, but may have been higher during periods of instrument malfunction; minimum recorded, 1.0 FNU, on several days in water year, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 45,000 microsiemens, Jan. 28, but may have been higher during periods of instrument malfunction; minimum recorded, 7,420 microsiemens, Mar. 1, 2, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.0°C, Aug. 20, but may have been higher during periods of instrument malfunction; minimum recorded, 6.6°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.81	0.09	0.83	3.06	0.87	1.93	1.37	-0.83	0.08	---	---	---
2	1.81	-0.25	0.65	3.04	0.85	1.86	1.40	-0.41	0.32	---	---	---
3	1.63	-0.29	0.63	2.96	0.62	1.61	1.01	-0.30	0.30	---	---	---
4	1.72	---	---	1.93	-0.18	0.50	1.14	-0.18	0.44	---	---	---
5	1.56	-0.02	0.75	1.28	-0.04	0.62	1.20	0.15	0.65	---	---	---
6	2.05	0.37	1.22	1.28	-0.14	0.57	1.20	0.39	0.76	---	---	---
7	3.38	1.51	2.17	0.67	0.03	0.38	1.15	0.19	0.65	1.56	-0.71	0.41
8	4.25	1.87	2.89	0.64	0.11	0.39	1.42	-0.10	0.68	1.40	-1.12	0.14
9	3.82	2.60	3.06	1.78	0.55	1.17	1.64	-0.22	0.61	1.34	-1.45	-0.09
10	5.24	2.42	3.39	2.95	1.30	2.16	0.72	-1.33	-0.46	1.49	-1.44	-0.09
11	2.71	1.43	2.19	2.56	0.63	1.66	0.72	-2.39	-0.94	1.91	-1.16	0.23
12	1.87	0.98	1.39	2.23	0.12	1.25	1.20	-1.80	-0.35	2.22	-0.64	0.62
13	1.26	0.22	0.79	2.16	-0.18	0.98	0.89	-2.19	-0.84	2.22	-0.33	0.90
14	1.18	0.19	0.71	3.29	0.29	1.49	0.21	-2.06	-0.94	1.32	-0.64	-0.02
15	1.69	-0.24	0.61	2.98	0.47	1.58	0.59	-1.45	-0.56	0.74	-0.21	0.23
16	1.89	-0.46	0.67	2.71	0.08	1.20	0.83	-0.60	0.01	0.04	-1.32	-0.48
17	2.29	-0.57	0.72	2.65	0.09	1.20	0.86	-0.53	0.09	0.03	-1.38	-0.61
18	2.40	-0.04	1.15	2.36	0.37	1.32	0.48	-0.36	0.00	0.50	-1.05	-0.27
19	2.57	-0.17	1.02	2.15	0.34	1.20	-0.15	-1.28	-0.90	0.78	-1.23	-0.23
20	2.17	-0.43	0.88	1.63	0.66	1.26	0.15	-1.13	-0.40	1.00	-1.50	-0.23
21	1.81	-0.29	0.82	1.56	0.77	1.08	1.09	-0.90	0.11	1.20	-1.36	-0.06
22	1.75	0.10	1.04	1.55	0.56	1.07	2.47	-0.03	0.98	0.80	-1.31	-0.25
23	2.19	0.54	1.40	1.96	0.45	1.21	---	---	---	0.45	-1.73	-0.67
24	1.29	0.73	1.02	1.76	-0.13	1.07	---	---	---	0.74	-1.22	-0.31
25	1.12	0.48	0.88	1.44	-0.90	0.21	---	---	---	0.91	-1.68	-0.44
26	1.64	0.40	1.09	2.37	-0.49	0.83	---	---	---	0.90	-1.04	-0.09
27	1.92	0.13	1.08	1.99	0.37	0.81	---	---	---	1.17	-1.24	-0.06
28	2.02	0.00	0.99	1.88	-0.36	0.72	---	---	---	3.42	0.29	1.64
29	2.23	0.01	1.06	2.05	-0.39	0.79	---	---	---	2.58	0.24	0.95
30	2.39	0.06	1.16	2.03	0.17	0.83	---	---	---	1.19	0.34	0.69
31	3.15	0.28	1.46	---	---	---	---	---	---	1.46	0.63	1.02

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.56	0.67	1.40	0.21	-1.56	-0.71	---	---	---	1.91	-0.61	0.83
2	2.04	-0.12	1.29	0.80	-1.54	-0.08	---	---	---	1.48	-0.11	0.81
3	1.13	-0.60	0.27	1.67	-0.77	0.41	---	---	---	1.28	-0.01	0.72
4	1.23	-0.95	0.11	1.36	-0.77	0.21	---	---	---	1.24	0.33	0.66
5	1.51	-0.87	0.35	0.65	-1.40	-0.32	---	---	---	0.86	0.03	0.52
6	2.37	-0.85	0.75	1.22	-1.67	-0.07	---	---	---	1.44	-0.17	0.68
7	2.14	-0.55	0.74	1.57	-1.20	0.20	1.23	-0.07	0.44	1.19	-0.61	0.39
8	2.08	-0.32	0.89	0.82	-2.01	-0.40	0.88	-0.28	0.37	1.68	-0.39	0.62
9	1.81	-0.35	0.66	0.78	-0.61	0.16	1.26	-0.48	0.55	1.74	-0.48	0.61
10	1.38	-0.62	-0.03	0.61	-1.44	-0.47	1.85	0.27	1.10	1.98	-0.36	0.83
11	0.49	-0.45	-0.04	0.47	-1.10	-0.49	2.46	0.74	---	1.54	-0.69	0.44
12	0.30	-0.46	-0.03	0.01	-0.99	-0.37	---	---	---	1.43	-0.66	0.38
13	1.27	0.13	0.75	0.73	-0.74	-0.08	---	---	---	1.66	-0.66	0.60
14	0.89	-0.24	0.37	0.55	-1.04	-0.09	---	---	---	1.64	-0.14	0.76
15	1.28	-0.37	0.58	1.78	-0.67	0.74	---	---	---	1.41	-0.23	0.59
16	1.22	-0.72	0.35	1.33	-0.63	0.36	---	---	---	1.49	-0.28	0.71
17	1.46	-0.64	0.38	0.78	-0.94	-0.07	---	---	---	1.16	-0.10	0.56
18	1.33	-0.63	0.39	0.86	-0.85	0.07	---	---	---	0.84	0.09	0.51
19	1.40	-0.57	0.44	0.94	-0.94	0.11	---	---	---	0.76	0.32	0.48
20	1.32	-0.47	0.43	1.26	-0.81	0.35	1.38	0.24	0.91	0.81	-0.20	---
21	1.17	-0.63	0.33	1.63	-0.36	0.73	1.18	0.48	0.88	0.93	-0.50	0.22
22	1.01	-0.82	0.12	1.73	0.50	1.08	0.89	-0.05	0.59	1.78	-0.51	0.62
23	1.17	-0.85	0.23	0.96	-0.57	0.33	0.69	-0.62	-0.07	1.31	-1.00	0.23
24	0.93	-0.58	0.22	1.12	0.00	0.62	1.21	-0.88	0.17	1.20	-1.39	-0.08
25	1.03	-0.25	0.26	1.02	0.15	0.52	1.69	-0.52	0.57	2.07	-1.16	0.39
26	0.96	0.38	0.61	1.20	0.53	0.87	1.89	-0.53	0.82	1.94	-0.91	0.56
27	1.33	0.29	0.79	1.41	-1.37	0.34	1.95	-0.97	0.63	1.82	-0.80	0.49
28	0.59	-0.87	-0.28	0.21	-1.34	-0.64	1.99	-1.00	0.60	1.55	-0.88	0.39
29	---	---	---	1.04	-1.07	0.00	2.08	-0.29	0.89	---	---	---
30	---	---	---	1.67	-0.47	0.62	1.68	0.03	0.87	---	---	---
31	---	---	---	---	-0.42	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	1.66	-0.52	0.63	1.82	-0.40	0.75	---	---	---
2	---	---	---	1.46	-1.15	0.47	1.92	-0.33	0.76	---	---	---
3	---	---	---	1.50	-0.73	0.52	1.87	-0.20	0.89	---	---	---
4	---	---	---	1.59	-0.68	0.50	2.02	-0.33	0.95	---	---	---
5	---	---	---	2.33	-0.25	1.09	1.87	-0.18	1.01	---	---	---
6	---	---	---	---	---	---	1.72	0.08	0.93	---	---	---
7	---	---	---	---	---	---	1.50	0.07	0.80	---	---	---
8	---	---	---	1.92	-0.24	0.84	1.26	0.14	0.68	---	---	---
9	---	---	---	2.43	-0.22	1.23	1.05	0.19	0.56	---	---	---
10	---	---	---	3.36	0.34	2.03	0.78	0.24	0.56	---	---	---
11	---	---	---	2.66	0.37	1.54	1.07	0.22	0.55	---	---	---
12	---	---	---	2.25	0.32	1.41	1.30	-0.16	0.53	---	---	---
13	---	---	---	1.51	0.37	1.02	1.39	-0.23	0.58	---	---	---
14	---	---	---	1.42	0.31	0.86	1.60	-0.48	0.63	---	---	---
15	---	---	---	1.66	0.22	---	1.85	-0.67	0.62	---	---	---
16	---	---	---	1.98	0.05	1.14	2.11	-0.59	0.75	---	---	---
17	1.39	-0.32	0.63	2.06	-0.18	1.10	1.84	-0.72	0.64	---	---	---
18	1.76	-0.27	0.79	2.24	-0.28	1.08	2.09	-0.53	0.84	---	---	---
19	1.95	-0.54	0.63	2.56	-0.14	1.23	1.97	-0.32	0.84	---	---	---
20	2.05	-0.51	0.77	2.67	-0.28	1.33	1.62	-0.26	0.75	---	---	---
21	2.20	-0.43	0.86	2.51	-0.41	1.17	1.52	-0.06	0.76	---	---	---
22	2.26	---	---	2.42	-0.39	1.10	1.19	0.38	0.86	---	---	---
23	2.27	-0.56	0.88	1.75	-0.28	0.63	---	---	---	---	---	---
24	2.21	-0.31	---	1.59	-0.39	0.53	---	---	---	---	---	---
25	---	---	---	1.29	-0.06	0.67	---	---	---	---	---	---
26	---	---	---	0.89	0.51	0.73	1.84	0.16	0.93	---	---	---
27	---	---	---	1.01	0.19	0.58	2.18	0.41	1.22	---	---	---
28	---	---	---	1.10	-0.35	0.49	---	1.27	---	---	---	---
29	---	---	---	1.46	-0.47	0.58	---	---	---	---	---	---
30	---	---	---	1.69	-0.47	0.63	---	---	---	---	---	---
31	---	---	---	1.76	-0.29	0.76	---	---	---	---	---	---

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	19	6.0	9.7	---	---	---
2	---	---	---	---	---	---	13	7.0	9.2	---	---	---
3	---	---	---	---	---	---	26	3.0	8.1	---	---	---
4	---	---	---	---	---	---	22	5.0	8.2	---	---	---
5	---	---	---	---	---	---	9.0	4.0	5.9	---	---	---
6	---	---	---	---	---	---	16	3.0	6.8	---	---	---
7	---	---	---	---	---	---	7.0	2.0	3.9	---	---	---
8	---	---	---	24	3.0	9.1	6.0	1.0	2.8	---	---	---
9	---	---	---	40	5.0	14	9.0	1.0	2.4	---	---	---
10	---	---	---	110	25	66	13	1.0	1.7	---	---	---
11	---	---	---	91	6.0	28	4.0	1.0	2.1	---	---	---
12	---	---	---	11	6.0	9.8	13	2.0	4.5	---	---	---
13	---	---	---	11	10	10	---	---	---	---	---	---
14	---	---	---	11	1.0	4.7	---	---	---	---	---	---
15	---	---	---	---	1.0	---	---	---	---	---	---	---
16	---	---	---	11	2.0	---	---	---	---	---	---	---
17	---	---	---	11	2.0	---	46	3.0	12	---	---	---
18	---	---	---	55	3.0	9.8	---	---	---	---	---	---
19	---	---	---	32	8.0	14	---	---	---	---	---	---
20	---	---	---	53	9.0	19	---	---	---	---	---	---
21	---	---	---	35	9.0	17	---	---	---	---	---	---
22	---	---	---	35	10	17	---	---	---	---	---	---
23	---	---	---	31	11	14	---	---	---	---	---	---
24	---	---	---	16	8.0	11	---	---	---	---	---	---
25	---	---	---	12	6.0	8.1	---	---	---	---	---	---
26	---	---	---	25	6.0	9.8	16	4.5	9.7	---	---	---
27	---	---	---	13	4.0	7.5	43	16	26	---	---	---
28	---	---	---	9.0	5.0	6.7	---	33	---	---	---	---
29	---	---	---	17	6.0	11	---	---	---	---	---	---
30	---	---	---	40	---	---	---	---	---	---	---	---
31	---	---	---	26	6.0	9.8	---	---	---	---	---	---

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	38900	35300	37600	42300	35500	38600	26800	25500	26200	---	---	---
2	39300	33600	36400	42400	35800	39000	28600	25900	26900	---	---	---
3	38400	33800	35800	40600	36400	38200	29100	26800	27800	---	---	---
4	37200	32500	---	38900	32800	34900	30300	26100	28100	---	---	---
5	36900	34400	35400	36700	29900	33000	32800	27200	30200	---	---	---
6	38400	35800	37200	33800	27300	31100	34100	29300	31300	---	---	---
7	40500	36800	39500	32700	26000	28800	31000	23400	27600	29200	25100	26800
8	42200	40500	41400	33200	26700	29100	30300	24400	28100	28100	25000	26300
9	42100	40900	41400	36900	31400	33100	30300	26200	28300	27700	24900	26000
10	42200	40300	41400	40700	36500	38600	28800	22300	24400	28100	24900	26200
11	42600	40100	41200	39000	35500	36900	23000	13200	17100	30300	25500	27000
12	41500	28300	35800	38800	35300	36900	24900	15600	20100	30800	26400	28300
13	32600	22600	27700	37700	33100	34900	24700	16300	19300	30200	26800	28400
14	26700	22300	23400	39500	32100	35700	22300	14100	18300	28900	25200	26100
15	31900	21000	23800	39300	34600	36600	26900	16000	20600	27800	24900	26000
16	34200	20700	29200	38000	34400	36100	32200	22700	26300	26300	23200	25300
17	34000	25500	29400	37500	35000	36100	33600	22600	28600	25500	22700	24000
18	35100	27700	31100	38000	35000	36200	32100	20600	27800	32100	23000	27800
19	38200	28500	31900	37800	34900	36400	25500	19600	21900	30600	18600	25500
20	35300	29400	32100	37400	33300	35700	31000	24000	26400	30800	15000	24500
21	37000	28100	32900	36400	34100	35100	35100	23000	30100	30700	15700	24800
22	37100	29400	34700	35600	33500	34900	37700	32400	34900	31500	21900	26600
23	37400	34000	35900	34600	27300	31600	---	---	---	29300	21200	24900
24	37000	32600	34900	31900	26800	28100	---	---	---	31500	22100	26400
25	34700	30100	32700	27900	25600	26600	---	---	---	30800	13700	23900
26	39000	29700	33400	30600	25700	27600	---	---	---	35700	19200	28700
27	39600	30100	36900	30600	26900	28200	---	---	---	35700	26300	31400
28	39200	29200	35200	30200	25900	27300	---	---	---	45000	33100	38000
29	38100	31700	34900	32000	26000	28500	---	---	---	43400	36100	39900
30	39500	32700	35500	32200	26100	28400	---	---	---	39200	34100	36700
31	42000	34900	37300	---	---	---	---	---	---	43100	34500	39700

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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
		FEBRUARY			MARCH			APRIL			MAY	
1	43900	38700	41200	17000	7420	13900	---	---	---	25500	16000	21200
2	44100	31800	38400	23200	7420	19100	---	---	---	24500	16300	20300
3	34700	31100	33000	27600	19700	24100	---	---	---	22000	15100	17800
4	31800	27600	30200	26700	18700	23300	---	---	---	22600	15000	17100
5	32400	22000	28300	27100	17800	22400	---	---	---	18300	13800	15300
6	34700	24200	28800	28800	16800	21300	27700	21700	---	25700	14700	20800
7	34200	26400	29800	27600	19200	23200	21700	16900	19400	24400	16700	21300
8	34300	25900	29800	25800	17400	20600	20000	14400	16200	24700	16800	20500
9	34000	23000	28000	25000	---	---	21000	14700	18000	24700	16700	20300
10	29800	23900	25300	23000	18200	19900	22900	15700	21500	24100	16800	20700
11	24400	10800	18300	23800	12200	15500	24700	---	---	23300	18000	20500
12	24100	9810	14600	23900	11300	14700	---	---	---	22400	17500	20100
13	33700	11500	24600	31100	12700	21400	---	---	---	24100	17700	21200
14	31500	11700	22200	29400	13900	25000	---	---	---	25600	20000	22400
15	32700	16500	24800	31600	25400	29000	---	---	---	24300	17900	22000
16	32600	14800	24500	29700	24400	27300	---	---	---	25200	18300	22300
17	30300	22000	25500	27300	22700	24700	---	---	---	23300	19200	21400
18	27000	25000	26000	26500	22700	24700	---	---	---	23300	20300	22100
19	28300	24500	26100	29500	23400	26500	---	---	---	23700	19600	21400
20	27800	24400	25900	29000	22600	26400	20000	12400	17500	20800	16100	---
21	26800	19400	23300	31300	22900	27600	20200	12500	16500	21200	16000	18000
22	25000	13100	20800	31300	27700	29500	15200	10800	12600	23000	16000	20500
23	25500	15500	21400	30100	25600	27700	12900	10000	11500	25300	17900	21600
24	26700	18400	22900	29700	25800	28100	20700	11000	14100	25900	17900	20300
25	24300	20700	22500	29700	23700	27400	21400	13900	18400	31100	17800	22900
26	25300	22200	23900	28600	24900	27100	23500	15700	20400	29700	22100	27300
27	28800	21400	26000	28600	21900	26500	22600	15200	20400	30200	24300	28200
28	21900	14900	19800	21900	14500	19400	23800	18300	21600	30800	25700	28500
29	---	---	---	23200	13300	18700	27600	20300	24000	---	---	---
30	---	---	---	26200	17900	23400	24400	20200	22500	---	---	---
31	---	---	---	---	19400	---	---	---	---	---	---	---

		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	24300	22000	23400	26700	23100	25100	---	---	---
2	---	---	---	23100	21700	22600	26500	23000	24900	---	---	---
3	---	---	---	25700	21600	22800	29800	23300	26200	---	---	---
4	---	---	---	25000	21400	22700	29500	25700	27800	---	---	---
5	---	---	---	26700	21400	24600	29600	25700	27600	---	---	---
6	---	---	---	---	---	---	29600	26300	27900	---	---	---
7	---	---	---	---	---	---	29200	25800	27300	---	---	---
8	---	---	---	28000	22300	26200	28300	24200	26500	---	---	---
9	---	---	---	28200	22500	25600	29300	23600	26500	---	---	---
10	---	---	---	31100	25800	29000	28500	21800	24800	---	---	---
11	---	---	---	28900	22700	26600	27400	23700	25200	---	---	---
12	---	---	---	33600	22400	28200	28200	23200	25700	---	---	---
13	---	---	---	29400	21300	24800	27700	24700	26100	---	---	---
14	---	---	---	22900	17800	20700	28600	24600	26700	---	---	---
15	---	---	---	---	18700	---	28500	23700	26200	---	---	---
16	---	---	---	---	18800	---	29400	24200	27700	---	---	---
17	24900	19100	21900	30300	22000	---	31400	27300	29500	---	---	---
18	25800	20800	23700	29000	21800	25800	31800	27300	30000	---	---	---
19	27300	22200	24900	28300	21700	25200	31700	25800	30000	---	---	---
20	28100	23200	25700	28000	21600	25000	32100	28400	30600	---	---	---
21	29200	24100	27100	26500	22300	24600	31200	26800	29600	---	---	---
22	29600	25700	---	28600	24400	26700	32300	26600	---	---	---	---
23	30000	25800	27800	30600	23300	27100	---	---	---	---	---	---
24	29900	26200	---	29800	23300	25900	---	---	---	---	---	---
25	29400	---	---	26300	23100	24900	---	---	---	---	---	---
26	---	---	---	29100	24200	26700	33500	29000	30900	---	---	---
27	---	---	---	27200	22200	25200	33000	28000	30500	---	---	---
28	---	---	---	27300	21700	23400	34700	29000	---	---	---	---
29	---	---	---	26200	22500	24200	---	---	---	---	---	---
30	---	---	---	26200	22700	24600	---	---	---	---	---	---
31	---	---	---	26900	23300	25100	---	---	---	---	---	---

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.9	25.7	26.1	26.0	25.6	25.9	17.4	16.0	16.6	---	---	---
2	27.5	26.1	26.6	26.3	25.6	26.0	16.0	15.2	15.7	---	---	---
3	28.1	26.6	27.3	26.3	25.9	26.1	15.3	14.8	14.9	---	---	---
4	---	27.1	---	26.1	23.1	24.6	15.0	14.7	14.9	---	---	---
5	27.8	27.0	27.3	23.4	21.1	22.0	15.5	14.8	15.0	---	---	---
6	27.2	26.8	27.0	21.3	20.5	21.0	16.5	15.3	15.6	---	---	---
7	26.8	25.8	26.2	21.0	20.2	20.7	17.2	16.2	16.6	16.5	15.5	16.1
8	25.9	25.0	25.5	21.0	19.8	20.4	16.8	16.4	16.6	16.8	16.1	16.3
9	25.0	24.2	24.6	20.3	19.2	19.9	17.2	16.6	16.9	16.4	15.6	16.0
10	24.3	23.9	24.1	20.2	19.5	19.8	17.1	16.2	16.8	16.3	15.8	16.0
11	25.1	23.9	24.4	20.3	19.5	19.9	16.2	15.2	15.6	17.0	16.0	16.4
12	24.8	23.9	24.5	20.3	19.4	19.7	15.6	14.8	15.2	17.4	16.6	16.9
13	24.4	23.5	24.0	19.4	18.3	18.6	15.7	14.7	15.3	17.4	17.0	17.2
14	23.9	22.7	23.5	18.5	17.9	18.3	14.7	12.3	13.3	17.0	15.4	16.2
15	22.7	21.9	22.3	18.5	17.8	18.0	12.6	11.2	11.8	15.4	14.2	14.7
16	22.8	22.2	22.5	18.1	17.6	17.9	12.0	11.0	11.7	14.2	12.9	13.7
17	23.9	22.6	23.1	18.4	17.7	18.1	12.3	11.4	11.7	12.9	11.0	11.9
18	24.0	23.2	23.6	18.4	18.0	18.2	12.2	11.6	12.0	11.6	10.3	11.0
19	24.9	23.7	24.4	19.1	18.2	18.7	11.7	11.0	11.4	11.3	9.8	10.6
20	25.8	24.6	25.2	19.2	19.0	19.1	11.7	10.3	10.9	11.9	10.5	11.0
21	27.1	25.4	25.9	20.0	19.0	19.3	12.1	10.3	11.4	12.4	11.2	11.7
22	27.1	25.8	26.2	20.2	19.4	19.8	13.3	11.9	12.6	13.0	12.0	12.4
23	26.2	25.9	26.0	20.9	20.0	20.4	---	---	---	12.4	10.3	10.9
24	26.9	25.8	26.2	21.1	19.9	20.8	---	---	---	10.3	9.2	9.7
25	27.1	26.0	26.4	19.9	18.2	18.8	---	---	---	10.9	9.2	10
26	27.0	26.1	26.5	18.2	17.4	17.8	---	---	---	11.7	10.4	11.0
27	26.8	26.4	26.6	18.2	17.4	17.8	---	---	---	12.0	11.0	11.6
28	26.8	26.2	26.5	17.6	16.7	17.1	---	---	---	12.4	11.3	11.8
29	26.8	26.2	26.3	17.3	16.4	16.9	---	---	---	12.4	11.9	12.2
30	26.5	25.8	26.1	17.7	17.2	17.4	---	---	---	12.4	12.0	12.2
31	26.6	25.7	26.1	---	---	---	---	---	---	12.2	11.9	12.1
		FEBRUARY			MARCH			APRIL			MAY	
1	12.4	11.8	12.1	15.3	14.3	14.8	---	---	---	22.0	20.9	21.4
2	12.4	12.2	12.3	14.5	13.5	14.0	---	---	---	21.4	20.2	20.8
3	12.3	11.6	12.0	13.7	13.3	13.5	---	---	---	20.9	19.7	20.3
4	12.0	11.2	11.6	13.9	12.9	13.4	---	---	---	20.7	19.6	20.1
5	12.2	11.2	11.7	14.7	13.4	13.8	---	---	---	20.8	19.0	19.9
6	12.3	11.7	12.0	14.8	14.3	14.5	---	19.6	---	21.6	19.9	20.8
7	12.7	12.0	12.4	15.4	14.4	14.9	20.4	19.6	20.0	22.7	20.8	21.6
8	13.7	12.7	13.0	15.6	14.9	15.3	20.5	19.5	20.0	23.0	21.6	22.2
9	14.2	13.1	13.8	15.2	14.7	---	20.9	19.8	20.2	23.4	22.2	22.7
10	14.0	12.8	13.3	15.9	14.4	14.8	21.4	20.0	20.7	24.1	22.6	23.3
11	13.1	12.2	12.6	15.5	14.6	15.1	21.5	20.7	---	25.2	23.8	24.3
12	12.9	12.0	12.4	16.3	14.6	15.4	---	---	---	25.9	24.6	25.1
13	13.8	12.5	13.0	18.1	15.6	16.4	---	---	---	26.0	25.3	25.6
14	14.2	13.2	13.7	17.7	16.7	17.3	---	---	---	26.6	25.3	25.9
15	16.2	13.4	14.3	16.7	16.1	16.4	---	---	---	26.4	25.7	26.0
16	15.5	14.2	14.8	16.2	15.4	15.9	---	---	---	26.3	25.1	25.8
17	16.0	14.6	15.4	15.4	14.0	14.7	---	---	---	26.6	25.4	26.0
18	15.0	13.9	14.5	14.6	13.4	14.1	---	---	---	27.2	26.0	26.5
19	14.8	13.7	14.3	15.9	14.0	14.9	---	---	---	27.9	26.0	27.0
20	15.0	14.3	14.6	15.9	14.9	15.5	22.6	21.6	22.0	28.4	26.6	---
21	15.5	14.9	15.3	16.6	15.5	16.0	24.5	21.9	22.7	28.7	27.2	28.0
22	16.4	15.4	15.9	17.7	16.2	16.9	24.5	22.8	23.6	28.6	27.4	28.1
23	16.9	15.9	16.4	18.4	16.9	17.6	23.4	21.8	22.9	29.1	27.6	28.3
24	16.9	16.4	16.7	18.6	17.3	18.0	21.9	21.1	21.5	29.2	28.0	28.6
25	16.9	16.0	16.3	20.6	18.3	19.1	21.2	20.1	20.6	28.8	27.1	28.1
26	16.0	15.1	15.5	19.9	19.0	19.6	21.3	20.0	20.6	27.7	26.5	27.1
27	15.3	14.9	15.1	20.5	19.4	19.8	22.0	20.3	20.9	27.8	26.6	27.2
28	15.6	14.7	15.1	19.4	18.3	18.8	22.1	21.0	21.6	27.9	27.0	27.4
29	---	---	---	19.3	18.2	18.8	23.1	21.8	22.4	---	---	---
30	---	---	---	19.6	18.9	19.2	23.0	22.0	22.6	---	---	---
31	---	---	---	---	19.5	---	---	---	---	---	---	---

301429089145600 USCG MERRILL SHELL BANK LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	30.4	29.7	30.0	31.4	30.2	30.7	---	---	---
2	---	---	---	30.7	29.6	30.0	31.0	30.1	30.4	---	---	---
3	---	---	---	30.4	29.4	29.9	30.7	29.8	30.2	---	---	---
4	---	---	---	30.7	29.4	30.2	30.1	29.1	29.6	---	---	---
5	---	---	---	30.3	28.6	29.6	30.0	28.7	29.2	---	---	---
6	---	---	---	---	---	---	29.9	28.5	29.1	---	---	---
7	---	---	---	---	---	---	30.2	28.9	29.3	---	---	---
8	---	---	---	29.8	27.7	28.5	30.4	28.9	29.6	---	---	---
9	---	---	---	29.6	28.7	29.1	30.9	29.0	30.0	---	---	---
10	---	---	---	29.1	27.1	28.0	31.4	29.1	30.1	---	---	---
11	---	---	---	28.5	26.6	27.3	30.6	29.9	30.1	---	---	---
12	---	---	---	29.4	27.6	28.2	31.2	30.0	30.4	---	---	---
13	---	---	---	29.7	28.5	29.1	31.6	30.3	30.7	---	---	---
14	---	---	---	29.6	29.1	29.3	31.9	30.7	31.2	---	---	---
15	---	---	---	---	---	---	32.0	31.1	31.5	---	---	---
16	---	---	---	30.1	28.2	28.9	32.3	31.3	31.7	---	---	---
17	31.3	29.7	30.3	30.1	29.1	29.5	32.3	31.4	31.8	---	---	---
18	30.3	28.9	29.6	30.4	29.4	29.9	32.4	31.2	31.7	---	---	---
19	29.8	28.8	29.2	30.3	29.6	30.1	32.8	31.5	32.0	---	---	---
20	29.5	28.6	29.0	30.7	29.8	30.2	33.0	31.7	32.1	---	---	---
21	29.7	28.6	29.2	31.0	30.0	30.4	32.1	31.5	31.8	---	---	---
22	30.0	28.9	---	31.2	30.0	30.6	32.3	30.9	---	---	---	---
23	30.1	29.2	29.6	31.8	30.4	30.9	---	---	---	---	---	---
24	30.4	29.4	---	31.4	30.5	30.9	---	---	---	---	---	---
25	30.2	29.2	---	32.0	30.4	31.3	---	---	---	---	---	---
26	---	---	---	32.0	31.0	31.5	32.3	31.1	31.6	---	---	---
27	---	---	---	32.1	30.8	31.3	31.9	31.0	31.4	---	---	---
28	---	---	---	31.6	30.8	31.2	---	---	---	---	---	---
29	---	---	---	31.5	30.3	30.8	---	---	---	---	---	---
30	---	---	---	31.2	30.5	30.8	---	---	---	---	---	---
31	---	---	---	31.0	30.1	30.6	---	---	---	---	---	---

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 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, 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, 33.5°C, Aug. 24, 2005, 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, 39,400 microsiemens, Jan. 29, but may have been higher during periods of instrument malfunction; minimum recorded, 415 microsiemens, Apr. 3, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.5°C, Aug. 24, but may have been higher during periods of instrument malfunction; minimum recorded, 6.0°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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	36500	29800	32800	33900	29400	32000	27200	12200	19800	---	---	---
2	36500	30000	33300	33200	28700	31200	29200	18900	27000	---	---	---
3	36900	29400	34800	31200	25400	28600	32400	29200	30700	---	---	---
4	37800	30400	35100	31700	21600	27400	32200	27900	30300	---	---	---
5	37100	29600	33700	32700	26400	31300	30300	26400	28800	---	---	---
6	36600	30800	33400	33100	30900	32500	28000	17500	23500	---	---	---
7	36000	32900	34500	37500	32100	33500	22100	18200	19900	---	---	---
8	35700	34400	35200	34200	27900	32200	30600	12500	23100	31000	20500	25400
9	35700	34800	35400	37700	29600	35100	30600	15600	21200	33300	18800	25800
10	35600	33600	34700	35700	30400	32900	26200	9770	18400	32400	18400	27100
11	34100	31700	33100	33200	24200	29900	28900	5180	18000	32000	18700	26300
12	36000	31200	33400	31700	18000	26300	29300	8210	22600	30300	21100	25100
13	38000	26400	35100	36400	13900	27600	29100	7940	19300	29200	22700	25600
14	38800	32100	37600	36900	15900	32000	34700	10000	23600	28300	19100	22900
15	38800	27300	36900	36200	17700	28000	35500	15100	30000	29800	19400	24100
16	38800	26800	36700	35200	15400	27600	33400	19000	27400	29100	19900	23300
17	37600	27400	33900	35200	18900	28500	33400	21600	31100	29300	18100	23200
18	37200	27000	32000	34200	20900	29400	34500	32200	33700	30500	20400	25900
19	35200	27800	32500	33600	29100	31800	34400	31200	33600	31800	21200	27700
20	34700	30100	33100	32600	21000	30600	35300	26200	33800	32200	22300	29000
21	35200	30700	34100	35200	29800	33200	33900	24100	28000	32500	25300	30500
22	35800	27200	33600	35400	32500	34200	25200	23900	24700	34400	27400	31400
23	34900	29800	32000	33700	27300	30400	25000	21600	24000	33800	20100	28200
24	34900	32400	33700	27600	19600	24300	---	20400	---	38100	24900	32300
25	35300	33500	34600	28100	13900	21300	---	---	---	38100	25600	34600
26	35200	32900	34300	33100	14400	25600	---	22300	---	38200	29600	36000
27	33900	30400	32000	33800	19200	28700	---	19400	---	38200	25100	33000
28	33500	28200	30900	33700	16500	27400	---	23500	---	37200	30000	33600
29	33800	28500	31700	33700	13900	27400	---	26200	---	39400	30800	35800
30	33500	29100	32000	32600	18500	22800	---	---	---	39300	28900	36300
31	33500	28300	31900	---	---	---	---	---	---	37900	30100	33200

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

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

	FEBRUARY			MARCH			APRIL			MAY		
1	36100	29500	32800	32900	22200	29600	20200	3730	12200	20600	4910	11700
2	33600	19300	27600	30800	19500	26700	8570	881	2810	24600	3630	14300
3	30700	---	---	29500	22400	26300	3760	415	1550	22300	7340	15800
4	36300	8430	23500	31400	20900	26500	19900	1010	8760	16600	10600	14000
5	37000	12700	29500	31500	19400	26800	16100	4560	7710	25200	15000	20100
6	35300	13700	25400	34100	17900	27900	11300	5900	8680	26700	16600	21600
7	29700	16200	23200	32900	20300	29100	7730	2200	4340	24800	19200	22800
8	25900	18700	23500	31400	18000	25800	7770	3700	5310	25100	18400	22200
9	25300	16800	21500	29700	22100	26700	27600	5870	16500	23000	17700	21200
10	34200	14400	24100	33300	20200	26600	13900	9710	12100	23900	17700	20700
11	35900	23000	32600	33400	28800	31400	14400	9630	12000	21600	17600	19400
12	35500	33300	34400	33700	28700	31900	10600	3320	8080	20600	17400	19100
13	33300	21700	28600	33300	27700	30900	12800	1190	5950	21200	16700	19000
14	26700	20100	24900	32200	19800	27300	---	1150	---	19900	17300	18800
15	26200	16700	19900	33200	19400	26300	25700	4220	15500	21000	17700	19300
16	21600	16800	18300	26600	22100	24600	20600	7200	14700	24600	17300	20800
17	28300	16200	20900	30000	19400	25200	20500	9590	15900	22100	17700	20000
18	36500	17000	28800	34500	19800	28400	16200	11500	14300	20100	19000	19600
19	29300	20300	24300	29500	18600	24200	15100	12500	13900	20600	19000	19900
20	24200	20900	22900	25700	18500	23200	14100	12800	13300	23400	19700	21700
21	23700	21200	---	25900	20200	23400	13900	12600	13100	25000	20100	23100
22	---	---	---	26700	22400	24500	13800	12600	13300	23700	18200	21200
23	---	---	---	31200	19100	25900	16100	9070	11800	23400	18000	20700
24	---	---	---	31200	20200	24300	18500	10000	15000	23100	16600	21100
25	---	---	---	28100	23200	24500	20200	10800	15100	23700	16600	20700
26	---	---	---	28400	21800	23900	18800	11700	16000	26700	17300	22200
27	---	---	---	25600	16300	23200	---	---	---	26300	18000	22500
28	---	---	---	29200	16300	23900	24600	---	---	27200	19200	23700
29	---	---	---	32200	21000	27400	23300	11300	16800	25500	20100	23000
30	---	---	---	28400	21000	25300	18200	9790	14600	24300	19600	21900
31	---	---	---	27600	20000	24000	---	---	---	21800	18700	19600

	JUNE			JULY			AUGUST			SEPTEMBER		
1	19200	15500	16700	14200	11800	13300	21500	14700	18500	---	---	---
2	21300	11500	18700	20700	14200	17600	20400	12600	17400	---	---	---
3	16100	9810	13000	21600	15400	19300	19500	12200	16500	---	---	---
4	17600	10900	12900	22000	12700	18700	16700	10900	14000	---	---	---
5	15900	10900	13300	20400	13400	17100	15900	8010	13200	---	---	---
6	18700	10300	13800	18900	4270	13700	17000	8010	12500	---	---	---
7	17000	9430	13300	19400	3910	8270	21000	11100	14200	---	---	---
8	17200	9270	13700	25600	4020	13000	14600	11100	13000	---	---	---
9	19400	9270	14400	17500	6060	12500	18900	13900	17000	---	---	---
10	18300	9790	14100	19000	10800	16200	22100	18800	20800	---	---	---
11	18300	11800	15300	24200	17300	21300	21600	19400	20400	---	---	---
12	20900	13600	18800	22700	18400	21200	22500	17700	19800	---	---	---
13	16400	11800	13500	20500	18400	19400	22200	19400	20400	---	---	---
14	15900	12200	13900	24600	20400	22700	24600	19600	22600	---	---	---
15	18900	15400	17000	25100	10900	---	26300	17600	23000	---	---	---
16	18500	15800	17000	13700	11100	12800	22800	17500	20700	---	---	---
17	20200	15500	17700	15100	11600	13800	25400	17100	22400	---	---	---
18	18900	15900	18300	16000	10500	13300	27300	17500	23500	---	---	---
19	21800	13500	17400	14600	10400	12800	26100	18700	23600	---	---	---
20	21000	13900	17400	16900	10400	13900	26600	21300	24400	---	---	---
21	19800	14200	17300	17500	9880	14300	29900	22700	25000	---	---	---
22	21300	14400	18300	17300	9660	13800	28700	23600	25600	32500	25600	28900
23	22700	14400	18900	19500	9470	14000	27500	21400	22500	33300	30800	32100
24	21900	14300	18300	23200	10000	16300	23400	21300	22400	31500	26400	29200
25	22800	14700	18600	15100	12100	12800	22100	20700	21600	30200	21700	26800
26	22900	15600	19200	15700	13100	14500	24100	18800	21600	31200	25100	29700
27	20000	17600	18600	19500	15700	16800	26600	20100	22600	31100	21400	26800
28	19600	17300	18100	19900	13800	17500	29900	22300	27200	30700	21400	25900
29	19400	13800	16300	21500	17000	19000	---	---	---	31100	23900	27200
30	15000	12000	13700	23600	14700	19300	---	---	---	32100	23200	27400
31	---	---	---	20200	14700	17200	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.3	25.7	26.3	26.8	25.9	26.3	18.3	16.3	17.0	---	---	---
2	28.5	26.4	27.1	27.2	25.7	26.4	16.7	15.6	16.1	---	---	---
3	28.9	27.7	28.3	27.1	26.2	26.6	16.4	16.0	16.2	---	---	---
4	28.9	28.2	28.5	26.8	23.7	25.4	16.3	15.8	16.0	---	---	---
5	29.2	27.8	28.5	23.7	21.1	21.9	15.9	15.6	15.8	---	---	---
6	28.3	27.1	27.7	21.2	20.0	20.5	17.7	15.8	16.5	---	---	---
7	27.5	25.9	26.7	21.7	19.7	20.5	18.3	16.9	17.6	18.5	---	---
8	25.9	24.4	25.0	21.1	20.3	20.6	18.3	17.0	17.6	18.6	17.3	18.1
9	24.4	23.5	23.9	22.0	20.2	21.0	18.2	17.4	18.0	17.6	16.9	17.3
10	23.6	23.2	23.3	20.3	19.1	19.4	18.2	17.5	17.9	17.6	17.2	17.4
11	24.2	23.2	23.5	20.0	19.4	19.6	17.5	15.0	15.6	18.7	17.5	18.0
12	24.9	23.9	24.4	20.4	19.9	20.2	15.5	14.0	14.9	19.8	18.4	19.0
13	25.0	23.5	24.0	20.0	18.7	19.3	16.3	14.6	15.6	19.4	18.5	19.1
14	23.8	22.1	23.4	19.4	18.1	19.1	15.2	12.3	13.8	18.5	15.3	17.0
15	22.3	21.2	21.8	19.2	17.7	18.3	13.4	10.3	12.3	16.5	13.9	15.1
16	21.8	20.8	21.3	18.4	17.3	17.9	12.3	10.8	11.5	14.5	12.5	13.6
17	24.2	21.7	22.6	18.9	17.6	18.2	12.0	10.9	11.7	12.5	10.4	11.3
18	25.3	23.3	24.1	18.4	18.1	18.2	12.3	11.8	12.1	10.6	8.8	9.7
19	26.2	24.5	25.3	18.9	18.2	18.4	12.3	11.5	12.0	10.3	8.5	9.8
20	27.2	25.7	26.3	19.6	18.8	19.4	11.5	10.0	10.7	11.9	10.2	11.1
21	27.2	26.8	27.0	19.4	19.2	19.3	12.0	10.3	10.8	13.2	11.5	12.2
22	28.2	26.4	26.9	20.3	19.2	19.7	13.7	11.8	12.8	14.0	12.8	13.4
23	27.0	26.1	26.5	21.3	20.0	20.6	13.5	10.9	12.1	13.0	10.0	10.8
24	26.4	25.9	26.0	21.9	20.4	21.5	11.0	---	---	10.6	8.2	9.5
25	26.5	25.8	26.1	20.4	18.4	18.9	---	---	---	10.8	9.2	10.0
26	26.7	26.0	26.4	18.4	16.6	17.7	---	6.0	---	12.3	10.8	11.3
27	26.9	26.4	26.6	18.2	17.1	17.7	---	---	---	12.4	11.8	12.2
28	27.0	26.1	26.4	17.8	16.1	17.1	---	---	---	12.2	11.6	11.8
29	27.0	26.2	26.6	17.6	16.1	17.0	---	---	---	12.3	11.6	12.0
30	26.7	26.1	26.4	18.8	17.1	17.8	---	---	---	13.4	12.2	12.7
31	26.9	26.1	26.5	---	---	---	---	---	---	13.0	12.1	12.5
		FEBRUARY			MARCH			APRIL			MAY	
1	12.3	12.0	12.1	14.8	13.4	14.4	21.0	19.3	20.2	21.8	20.5	21.2
2	13.0	12.0	12.6	14.0	12.7	13.3	19.3	17.5	18.2	22.0	19.6	20.8
3	12.8	11.8	---	13.3	12.6	13.0	19.1	16.8	17.8	21.6	19.3	20.6
4	12.9	11.0	11.9	14.2	12.5	13.3	20.1	17.4	18.4	20.6	19.3	20.0
5	12.7	11.4	12.0	15.4	13.4	14.4	21.1	18.4	19.7	21.8	18.7	20.2
6	13.3	12.1	12.7	15.5	14.5	15.0	20.8	20.2	20.5	22.7	19.7	20.8
7	14.3	13.2	13.6	16.3	15.0	15.6	20.6	19.6	20.1	22.9	20.7	21.5
8	15.1	14.2	14.6	16.7	15.5	16.2	20.7	19.3	20.1	23.7	21.7	22.6
9	16.1	14.8	15.4	16.5	14.7	15.4	21.8	18.9	20.3	24.0	22.7	23.4
10	16.1	13.7	14.6	15.6	14.6	15.1	22.3	20.2	21.1	25.7	23.4	24.4
11	13.7	12.0	12.8	15.7	14.8	15.2	22.5	21.1	21.7	26.6	24.5	25.4
12	13.0	12.4	12.8	17.1	14.4	15.8	22.6	21.2	21.8	26.8	25.3	26.0
13	14.6	12.9	13.7	18.3	16.3	17.1	21.9	20.5	21.2	27.4	25.6	26.3
14	15.6	14.2	14.7	18.8	17.5	18.1	21.0	19.3	---	27.6	25.6	26.5
15	17.1	14.9	15.9	17.7	16.1	16.7	20.4	18.5	19.6	27.5	26.1	26.6
16	18.3	15.8	17.1	16.6	15.7	16.3	21.1	18.8	19.9	27.5	25.8	26.4
17	17.8	15.4	16.4	15.7	13.9	14.9	22.0	19.3	20.8	27.2	25.0	26.1
18	15.4	14.2	14.7	15.0	13.3	14.3	22.3	20.0	21.3	27.7	25.3	26.6
19	15.1	13.8	14.5	17.0	14.1	15.4	22.4	20.8	21.6	28.3	26.3	27.3
20	15.8	14.7	15.2	16.7	15.8	16.4	24.0	21.2	22.4	28.5	27.1	27.8
21	---	15.5	---	17.9	16.1	17.0	25.5	22.4	23.6	29.6	28.0	28.5
22	---	---	---	19.3	17.6	18.0	25.1	23.3	24.3	29.5	28.2	28.8
23	---	---	---	19.8	18.1	18.9	24.7	22.4	23.6	30.0	28.4	29.0
24	---	---	---	20.5	18.1	19.3	22.9	20.9	21.8	30.0	28.6	29.1
25	---	---	---	22.2	19.4	20.5	21.5	19.6	20.2	29.2	28.0	28.7
26	---	---	---	21.3	20.6	21.0	20.6	19.1	19.9	28.0	26.7	27.4
27	---	---	---	21.7	20.0	21.1	---	---	---	28.2	26.8	27.2
28	---	---	---	20.2	18.8	19.4	22.3	---	---	27.8	26.7	27.1
29	---	---	---	20.1	18.1	19.1	23.3	21.4	22.1	27.4	25.7	26.7
30	---	---	---	20.0	18.9	19.5	23.0	21.7	22.7	26.0	25.0	25.5
31	---	---	---	21.5	20.0	20.5	---	---	---	26.5	25.0	25.7

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.7	25.7	26.2	31.2	29.3	30.0	31.4	30.0	30.5	---	---	---
2	28.6	26.2	27.3	31.0	29.6	30.1	30.4	29.0	29.6	---	---	---
3	29.9	27.2	28.2	31.5	29.5	30.2	30.5	28.3	29.3	---	---	---
4	30.3	27.8	28.6	31.4	29.9	30.5	29.3	28.1	28.7	---	---	---
5	30.0	28.5	29.0	30.9	28.9	30.0	28.9	27.1	28.1	---	---	---
6	29.3	27.9	28.8	28.9	26.6	27.4	28.8	27.1	28.1	---	---	---
7	29.0	27.4	28.1	27.7	26.1	26.9	29.8	27.3	28.5	---	---	---
8	29.9	28.3	28.9	29.2	26.7	27.8	29.8	28.2	29.1	---	---	---
9	30.0	28.6	29.2	30.2	26.2	28.0	30.3	28.6	29.4	---	---	---
10	29.4	28.2	28.9	28.4	27.0	27.8	31.3	28.8	29.8	---	---	---
11	28.2	27.0	27.8	27.4	26.1	26.7	30.7	28.7	29.9	---	---	---
12	27.9	26.6	27.1	29.6	27.0	27.9	32.2	29.4	30.7	---	---	---
13	29.1	27.1	28.1	29.8	28.4	29.1	32.7	30.0	31.2	---	---	---
14	29.8	28.1	28.9	29.8	29.0	29.5	33.5	31.2	32.1	---	---	---
15	31.7	29.2	30.6	---	---	---	33.2	31.9	32.3	---	---	---
16	32.5	30.1	31.2	31.2	28.8	29.8	32.7	30.9	31.7	---	---	---
17	31.4	29.9	30.6	31.3	29.6	30.4	32.2	31.1	31.6	---	---	---
18	30.4	29.0	29.9	31.7	30.0	30.9	32.2	30.9	31.4	---	---	---
19	30.4	28.6	29.4	31.2	30.3	30.8	32.5	31.1	31.7	---	---	---
20	29.4	28.2	28.9	31.5	30.2	30.8	33.3	31.0	31.8	---	---	---
21	29.2	28.6	28.9	32.3	30.7	31.1	32.9	30.8	31.6	30.8	---	---
22	30.2	28.7	29.2	31.1	30.2	30.6	32.6	30.1	31.6	30.6	29.2	29.7
23	30.4	29.1	29.6	31.6	30.5	30.9	33.3	31.0	31.9	29.3	27.7	28.3
24	30.2	29.1	29.6	31.8	30.1	30.9	33.5	31.0	32.0	28.3	27.4	27.8
25	29.7	28.8	29.2	31.9	30.2	31.1	33.2	31.1	32.1	28.9	27.6	28.3
26	29.5	28.5	29.0	32.0	30.8	31.4	33.2	31.2	32.2	29.8	28.5	28.9
27	30.5	28.3	29.2	33.2	30.6	31.7	32.5	31.0	31.8	30.2	27.8	28.9
28	30.1	28.6	29.3	32.6	31.1	31.7	31.7	30.0	30.9	29.3	28.4	28.9
29	29.4	28.2	28.9	32.5	30.1	31.1	---	---	---	29.6	27.8	28.7
30	31.4	28.5	29.6	31.6	30.0	30.6	---	---	---	29.4	27.7	28.4
31	---	---	---	31.3	29.5	30.3	---	---	---	---	---	---

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.
TURBIDITY: August 2005 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. The platform and all equipment were destroyed by Hurricane Katrina on August 28, 2005.

REMARKS.--Gage height records good. Turbidity records poor. 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.--
GAGE HEIGHT: Maximum recorded, 6.21 ft, Sept. 26, 2002, but may have been higher during periods of instrument malfunction; minimum recorded, -2.34 ft, Dec. 13, 2004, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 140 FNU, Aug. 17, 28, 2005, but may have been higher during periods of instrument malfunction; minimum recorded, 4.0 FNU, Aug. 18, 2005, 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, 6.06 ft, Aug. 29 (Hurricane Katrina), but may have been higher during periods of instrument malfunction; minimum recorded, -2.34 ft, Dec. 13, but may have been lower during periods of instrument malfunction.
TURBIDITY: Maximum recorded, 140 FNU, Aug. 17, 28, but may have been higher during periods of instrument malfunction; minimum recorded, 4.0 FNU, Aug. 18, but may have been lower during periods of instrument malfunction.
SPECIFIC CONDUCTANCE: Maximum recorded, 47,300 microsiemens, Feb. 4, but may have been higher during periods of instrument malfunction; minimum recorded, 299 microsiemens, Apr. 11, but may have been lower during periods of instrument malfunction.
WATER TEMPERATURE: Maximum recorded, 33.2°C, Aug. 13, but may have been higher during periods of instrument malfunction; minimum recorded, 6.6°C, Dec. 26, but may have been lower during periods of instrument malfunction.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Gage height, feet

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.96	0.11	0.90	3.35	1.03	2.01	1.35	-1.09	0.08	1.50	0.17	0.79
2	1.96	-0.14	0.76	3.22	0.88	1.96	1.37	-0.30	0.37	1.29	0.27	0.79
3	1.83	-0.19	0.75	3.00	---	---	1.22	-0.35	0.37	0.97	0.27	0.56
4	1.85	0.08	0.88	2.30	0.04	0.73	1.24	-0.07	0.53	0.96	0.16	0.53
5	1.66	0.01	0.76	1.35	0.07	0.69	---	---	---	1.58	-0.04	0.73
6	1.95	0.45	1.20	1.29	0.06	0.69	---	---	---	1.70	-0.38	0.61
7	2.74	1.14	1.82	0.93	0.34	0.66	---	---	---	2.05	-0.55	0.71
8	3.00	1.15	2.16	0.82	0.19	0.49	---	---	---	1.70	-0.91	0.44
9	2.68	1.82	2.34	1.81	0.49	1.16	---	---	---	1.81	-1.36	0.19
10	---	---	---	3.16	0.95	1.94	---	---	---	1.99	-1.27	0.26
11	---	1.37	---	2.70	0.73	1.81	---	---	---	2.57	-0.98	0.56
12	1.84	1.03	1.42	2.46	0.19	1.46	---	---	---	2.91	-0.35	0.96
13	1.42	0.20	0.88	2.41	-0.24	1.10	---	---	---	2.86	-0.13	1.33
14	1.47	0.00	0.84	2.81	0.06	1.39	---	---	---	1.86	-0.67	0.18
15	1.79	-0.18	0.73	2.77	0.15	1.37	---	---	---	1.00	-0.03	0.39
16	2.00	-0.42	0.68	2.74	-0.06	1.20	0.95	-1.08	-0.07	0.25	-1.07	-0.24
17	2.40	-0.56	0.76	2.57	0.04	1.23	0.95	-0.53	0.19	0.36	-1.13	-0.44
18	2.81	-0.13	1.17	2.60	0.58	1.50	0.65	-0.15	0.22	0.88	-0.99	-0.03
19	2.81	-0.10	1.19	2.41	0.38	1.28	0.16	-1.07	-0.58	1.20	-0.91	0.14
20	2.33	-0.32	0.99	1.58	0.50	1.15	0.48	-1.17	-0.27	1.38	-1.12	0.15
21	1.95	-0.19	0.93	1.34	0.72	1.03	1.29	-0.68	0.30	1.59	-0.88	0.38
22	1.79	0.23	1.10	1.60	0.59	1.08	3.15	0.04	1.25	1.54	-0.88	0.22
23	2.11	0.56	1.45	1.98	0.53	1.26	1.23	-1.41	-0.03	0.77	-2.15	-0.60
24	1.45	0.76	1.18	2.32	0.23	1.38	1.35	-1.43	0.02	1.24	-1.13	-0.06
25	1.32	0.73	1.07	1.43	-0.84	0.30	1.63	-1.10	0.10	1.56	-1.24	0.02
26	1.71	0.62	1.21	2.68	-0.65	0.80	0.92	-1.36	-0.24	1.44	-0.60	0.36
27	2.05	0.33	1.21	2.14	0.27	0.96	0.77	-1.74	-0.49	1.42	-1.15	0.15
28	2.14	0.11	1.10	1.89	-0.54	0.66	1.25	-1.41	-0.17	2.86	0.18	1.41
29	2.58	0.17	1.21	2.22	-0.47	0.72	1.38	-0.78	0.21	2.83	0.36	1.20
30	2.71	0.23	1.34	2.06	0.31	0.93	1.67	-0.56	0.43	1.43	0.50	0.90
31	3.35	0.42	1.57	---	---	---	1.60	-0.19	0.62	1.53	0.46	1.02

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Gage height, feet--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.96	0.41	1.24	0.59	-1.32	-0.34	2.80	-1.31	1.37	2.31	-0.73	1.04
2	1.93	-0.04	1.42	1.12	-1.32	0.10	1.03	-1.47	-0.17	1.89	0.12	1.10
3	1.37	-0.50	0.39	1.84	-0.69	0.49	0.90	-1.40	-0.12	1.59	0.15	0.97
4	1.46	-0.97	0.24	1.69	-0.65	0.48	1.09	-1.31	0.05	1.58	0.50	0.92
5	1.75	-0.94	0.52	1.20	-1.08	0.03	1.73	-0.34	0.54	1.25	0.54	0.85
6	2.73	-0.75	0.90	1.54	-1.51	0.15	2.30	0.36	1.37	1.86	0.19	1.06
7	2.41	-0.57	0.84	1.94	-0.98	0.50	1.75	0.21	0.83	1.52	-0.24	0.76
8	2.37	-0.08	1.12	1.21	-1.93	-0.12	1.14	-0.19	0.48	2.04	-0.11	0.96
9	2.01	-0.09	0.93	1.11	-0.51	0.37	1.33	-0.37	0.60	2.28	-0.17	0.99
10	1.51	-0.60	0.10	1.28	-1.31	-0.11	1.78	0.12	0.97	2.39	-0.04	1.16
11	0.60	-0.12	0.19	1.15	-0.63	0.00	3.25	0.45	1.53	2.05	-0.25	0.85
12	0.50	-0.18	0.23	0.76	-0.45	0.11	3.39	0.58	1.87	1.88	-0.23	0.84
13	1.57	0.42	1.00	1.11	-0.36	0.33	2.92	-0.34	1.25	2.11	-0.23	1.03
14	1.15	0.25	0.71	0.85	-0.99	0.16	2.41	-0.50	1.01	2.13	0.27	1.21
15	1.50	-0.02	0.78	---	---	---	2.07	-0.08	1.03	1.91	0.23	1.08
16	1.56	-0.34	0.64	---	---	---	2.05	-0.11	1.00	1.95	0.13	1.08
17	1.54	-0.49	0.44	---	---	---	1.78	-0.07	0.92	1.58	0.35	0.97
18	1.51	-0.78	0.41	1.05	---	---	1.67	0.07	0.94	1.26	0.56	0.94
19	1.65	-0.59	0.47	1.05	---	---	1.80	0.54	1.22	1.19	0.73	0.93
20	1.49	-0.42	0.53	---	---	---	1.92	0.78	1.41	1.33	0.45	---
21	1.51	-0.42	0.52	---	---	---	1.73	1.06	1.43	1.38	0.00	0.77
22	1.15	-0.56	0.33	---	0.55	---	1.67	1.05	1.35	2.34	-0.11	1.04
23	1.66	-0.59	0.44	0.93	0.41	---	1.43	-0.02	0.56	2.11	-0.43	0.85
24	1.13	-0.36	0.29	0.97	-0.48	0.34	1.71	-0.34	0.65	1.93	-0.98	0.62
25	1.00	-0.44	0.26	0.88	-0.05	0.35	2.14	-0.08	0.98	2.71	-0.64	0.85
26	0.92	0.19	0.50	0.96	0.25	0.62	2.75	-0.06	1.34	2.56	-0.61	0.96
27	1.55	0.39	0.79	1.27	-1.28	0.39	2.56	-0.49	1.13	2.36	-0.42	0.98
28	0.88	-0.45	0.15	0.54	-1.03	-0.29	2.61	-0.56	1.09	2.08	-0.42	0.89
29	---	---	---	1.12	-0.81	0.04	2.65	0.00	1.37	2.00	-0.05	0.92
30	---	---	---	1.68	-0.58	0.55	2.47	0.16	1.39	1.96	0.35	1.44
31	---	---	---	1.53	-0.68	0.64	---	---	---	1.96	0.59	1.38

		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.46	0.85	1.17	1.73	-0.45	0.73	2.04	-0.34	0.91	---	---	---
2	1.82	0.67	1.24	1.64	-0.59	0.61	2.04	-0.25	0.90	---	---	---
3	2.07	0.46	1.32	1.70	-0.52	0.62	2.09	-0.14	---	---	---	---
4	2.31	0.34	1.41	1.62	-0.57	0.58	2.09	-0.19	0.99	---	---	---
5	2.52	0.31	1.50	2.51	0.08	1.03	2.04	0.12	1.06	---	---	---
6	2.59	-0.29	1.30	---	---	---	1.89	0.10	0.99	---	---	---
7	2.42	-0.20	1.10	2.07	-0.08	1.05	1.60	0.21	0.91	---	---	---
8	2.24	-0.18	1.04	2.26	0.08	1.15	1.36	0.37	0.81	---	---	---
9	2.57	0.03	1.15	2.48	0.27	1.39	1.01	0.29	0.69	---	---	---
10	3.28	0.14	1.53	3.41	0.89	2.48	0.93	0.17	0.66	---	---	---
11	2.93	0.71	1.90	3.12	0.94	2.17	1.17	0.32	0.65	---	---	---
12	2.37	0.59	1.61	2.26	1.02	1.81	1.39	0.08	0.65	---	---	---
13	2.10	0.57	1.41	1.82	0.99	1.42	1.49	-0.08	0.70	---	---	---
14	1.66	0.59	1.24	1.70	0.74	1.28	1.81	-0.36	0.76	---	---	---
15	1.26	0.55	0.97	2.00	0.53	---	1.97	-0.65	0.68	---	---	---
16	1.30	0.43	0.86	2.36	0.62	1.47	2.26	-0.58	0.81	---	---	---
17	1.58	-0.11	0.91	2.37	0.21	1.32	2.02	-0.76	0.72	---	---	---
18	1.84	0.08	1.01	2.49	-0.01	1.26	2.26	-0.51	0.92	---	---	---
19	2.07	-0.37	0.78	2.70	0.00	1.39	2.09	-0.14	0.93	---	---	---
20	2.27	-0.39	0.92	2.97	-0.18	1.48	1.72	-0.21	0.83	---	---	---
21	2.33	-0.29	0.99	2.83	-0.41	1.33	1.69	0.19	0.86	---	---	---
22	2.55	-0.49	1.07	2.70	-0.13	1.31	1.34	0.47	0.92	---	---	---
23	2.57	-0.45	1.06	1.91	-0.14	0.86	1.52	0.49	1.06	---	---	---
24	2.53	-0.38	1.09	1.75	-0.16	0.80	1.62	0.54	1.04	---	---	---
25	2.38	-0.19	1.13	1.42	0.23	0.89	1.76	0.39	0.97	---	---	---
26	2.24	-0.03	1.21	1.17	0.72	0.95	2.03	0.36	1.08	---	---	---
27	1.61	0.48	1.09	1.29	0.35	0.84	2.30	0.55	1.34	---	---	---
28	1.48	0.70	1.13	1.37	-0.07	0.73	4.45	1.77	3.00	---	---	---
29	1.64	0.66	1.14	1.65	-0.50	0.76	---	---	---	---	---	---
30	1.65	0.19	0.89	1.89	-0.35	0.77	---	---	---	---	---	---
31	---	---	---	1.98	-0.11	0.92	---	---	---	---	---	---

302110088464600 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/ -2.5 degrees, FNU

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	40	7.0	18	---	---	---
5	---	---	---	---	---	---	45	16	28	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	80	14	23	---	---	---
11	---	---	---	---	---	---	24	8.0	14	---	---	---
12	---	---	---	---	---	---	20	6.0	10	---	---	---
13	---	---	---	---	---	---	35	5.0	12	---	---	---
14	---	---	---	---	---	---	35	9.0	20	---	---	---
15	---	---	---	---	---	---	37	14	22	---	---	---
16	---	---	---	---	---	---	57	14	28	---	---	---
17	---	---	---	---	---	---	140	9.0	32	---	---	---
18	---	---	---	---	---	---	42	4.0	15	---	---	---
19	---	---	---	---	---	---	94	9.0	21	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	72	7.0	38	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	140	10	41	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---

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	40100	33800	36700	35400	29100	32700	37500	21200	27300	30400	22700	26800
2	36000	33700	34800	38300	28300	33000	37600	30900	34100	28000	22800	26400
3	37100	33500	34800	36800	27800	---	35300	32200	34300	28500	22000	25100
4	36200	34400	35200	32300	25800	29100	34900	31300	33400	25600	19800	22700
5	36300	34400	35600	42600	27000	31400	---	---	---	27400	19000	23700
6	38200	35000	36100	42600	33400	39400	---	---	---	29100	22500	25000
7	38900	32000	37000	37700	33900	35300	---	---	---	35700	25900	28900
8	39500	35500	37600	42000	33800	37100	---	---	---	41000	24100	29600
9	38100	34600	36700	40200	35500	38200	---	---	---	36100	24800	29800
10	---	---	---	38800	28700	32000	---	---	---	30300	23700	26500
11	---	---	---	38400	28100	34600	---	---	---	27400	24000	26100
12	42100	31000	36500	40200	25300	33000	---	---	---	28400	22200	25900
13	40400	29300	35400	39800	26200	34900	---	---	---	31800	21600	26200
14	40800	35800	39000	40000	34700	37700	---	---	---	30400	20700	24800
15	40800	32900	36900	37600	32700	35000	---	---	---	32500	28000	30800
16	40100	36900	38800	36400	29600	33000	36500	29400	33400	38300	26900	32200
17	39100	34600	37200	37900	29700	34400	32600	28500	30900	30100	21800	26000
18	38600	33800	36400	39100	32800	35900	36300	28700	32000	30100	20500	24500
19	41100	32600	36000	39500	31600	37100	38500	27700	31400	34900	20700	27300
20	40900	31900	37200	41900	38300	40300	32900	28800	31200	41400	25700	34900
21	39600	36400	37900	39700	34800	37500	30800	27400	29000	41500	30800	36500
22	41800	36600	39500	38200	34900	37000	29000	21900	25700	39700	30700	35600
23	40600	34500	37500	38200	31100	36200	25600	19000	21700	39100	28000	34400
24	39000	33100	36400	38200	25700	33700	37100	20200	26200	43100	34500	38100
25	39000	34800	37400	36000	19000	27700	35400	24200	29500	41100	23200	35800
26	38100	34600	36800	41100	31600	35700	35500	23200	29000	40700	37300	39100
27	37900	33700	36100	39200	30200	33900	35500	25500	31500	43100	33900	39800
28	37200	33700	34800	35500	25100	32100	33500	25400	29400	---	33800	---
29	34600	33900	34200	35100	25400	30500	29600	24600	26600	43500	36600	40100
30	35600	32900	34000	32600	24100	29400	30900	21600	26500	45100	38700	43900
31	36000	31300	33200	---	---	---	31200	25300	28300	44100	40200	42400

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	42700	31200	39100	32200	24400	27800	29400	1040	17500	27600	11900	22300
2	37200	23700	32800	37800	24700	33200	38700	469	17000	33200	24800	28000
3	41500	18200	33200	33500	25900	30000	42500	11800	28200	30900	22500	28700
4	47300	24300	41900	32000	27400	29800	28600	5520	18900	30400	25900	27700
5	45200	36100	41300	34400	25300	30300	23800	3870	11300	30400	25900	27400
6	40100	26900	31900	42000	26700	35500	8570	1430	4200	33300	25400	28500
7	31000	21900	28200	39300	27600	34500	16900	2870	7700	26700	22500	25200
8	37000	23200	29500	36100	23200	30900	30700	16500	26000	25300	20000	24400
9	42600	28100	37700	44700	31200	38400	30200	9010	25600	22300	20000	21200
10	42700	21500	30600	38700	26900	33600	17800	4020	11100	20600	16700	18700
11	39700	34000	38000	38300	31400	34100	5680	299	3240	24600	15900	19600
12	40800	37200	38800	35400	30600	33400	22300	708	9720	32100	18300	24400
13	41100	19400	37000	35400	31900	34200	21300	2960	10800	27700	21600	26000
14	34600	19600	30300	34100	29700	32800	38300	2500	27600	25300	20700	23200
15	34400	27900	33000	---	---	---	38600	16000	28600	28000	20300	23500
16	29900	17700	25700	---	---	---	29400	18800	23900	33100	26400	31200
17	35500	27600	31400	---	---	---	23700	14400	20100	31500	26400	29800
18	34300	29000	30600	---	---	---	18200	14600	16200	28700	25600	27100
19	30400	22900	26500	---	---	---	16900	10100	13400	25800	23900	25000
20	28600	22200	26400	---	---	---	13300	7970	11400	26600	22600	---
21	35300	20400	29200	---	---	---	13200	9030	10400	27000	22700	25500
22	36200	24400	31800	35000	22700	---	13100	9620	10800	27700	23000	25300
23	35400	17100	28500	34400	23600	---	17100	10500	13000	26800	21100	24100
24	36800	18700	29400	35500	28000	33300	38800	11900	26700	25700	20300	24100
25	32300	24700	30000	33800	29200	31800	33100	21800	27300	30500	21500	26000
26	35000	31600	32600	30700	21700	27000	23900	18700	21500	33200	22300	29100
27	32000	26000	30000	28000	22000	24400	30700	13800	22900	30100	23800	28100
28	32700	24900	29300	33600	22100	28600	25400	12900	21100	30700	23300	27500
29	---	---	---	35100	24700	31100	25400	18200	22000	29100	24100	26200
30	---	---	---	34700	23300	27600	28800	16600	21400	27200	23500	25800
31	---	---	---	33400	22000	27900	---	---	---	25100	22800	24100

		JUNE			JULY			AUGUST			SEPTEMBER	
1	33200	22000	28500	25900	14000	21900	25500	21600	23600	---	---	---
2	34000	27600	32800	26200	14200	22200	24800	20600	22900	---	---	---
3	31600	23000	28900	25400	17400	22000	24200	20900	---	---	---	---
4	29700	22200	27900	26300	18600	23100	25100	18400	22600	---	---	---
5	27100	17300	24100	27300	20700	25100	22400	20100	21600	---	---	---
6	28700	14800	23400	---	---	---	21800	19900	20700	---	---	---
7	26400	14600	21500	37000	12800	29900	25500	20800	24000	---	---	---
8	28000	15700	20800	32000	22600	30200	26900	25100	25900	---	---	---
9	27900	18000	23600	32700	23600	29300	27800	26000	27200	---	---	---
10	25200	18000	22100	28700	21100	26000	28600	21300	26800	---	---	---
11	28100	17300	23100	28600	21200	25300	28900	23500	26600	---	---	---
12	25500	18100	23400	28400	20700	25300	30400	28000	29200	---	---	---
13	25300	19200	21800	29800	24000	28600	29100	25600	28200	---	---	---
14	22600	16300	20000	30200	27900	28900	29000	25800	27900	---	---	---
15	27200	16300	23400	29900	25100	---	36000	26200	30200	---	---	---
16	24800	19600	23400	26200	13700	22400	36800	27200	33300	---	---	---
17	28600	20600	24800	20300	9690	16800	33300	25700	30400	---	---	---
18	26100	22800	24900	25100	13200	21100	35200	25500	32300	---	---	---
19	24900	19400	22300	26700	20200	23600	33400	27300	30400	---	---	---
20	25000	20500	22700	24100	15800	21200	32200	26200	29600	---	---	---
21	24300	19800	21900	25400	14400	20900	34600	26700	31600	---	---	---
22	27000	19200	22700	28700	14800	22800	34000	29700	32200	---	---	---
23	27000	19000	22900	27200	16300	22900	32200	30100	31300	---	---	---
24	28100	19000	24200	32200	21600	30000	31500	30000	30800	---	---	---
25	25100	20400	23100	31500	24800	29700	30100	27400	28600	---	---	---
26	26000	21300	24000	27000	22700	25500	28200	27400	27900	---	---	---
27	25400	22300	24100	27600	23700	25600	30200	28100	29000	---	---	---
28	23500	19800	22200	31000	25700	28700	33700	28300	30800	---	---	---
29	22400	19100	20900	34300	25200	31200	---	---	---	---	---	---
30	22900	18600	20900	32100	25400	29200	---	---	---	---	---	---
31	---	---	---	26300	22500	25200	---	---	---	---	---	---

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.4	26.0	26.6	26.0	25.5	25.8	18.5	16.6	17.3	14.3	13.2	13.8
2	28.4	26.7	27.4	26.5	25.4	25.9	17.2	15.6	16.5	15.4	14.0	14.8
3	29.0	27.6	28.1	26.7	25.9	26.2	16.8	15.6	16.2	15.7	14.9	15.4
4	29.6	27.9	28.3	26.3	22.2	24.7	16.3	15.5	15.9	16.4	15.6	15.9
5	28.6	27.6	28.1	23.6	20.7	21.5	---	---	---	17.2	15.9	16.3
6	27.7	26.4	27.2	23.6	21.1	22.7	---	---	---	17.4	16.7	17.2
7	26.7	25.3	26.2	22.0	20.9	21.3	---	---	---	17.5	16.4	17.0
8	25.3	23.9	24.7	22.4	20.7	21.7	---	---	---	---	---	---
9	24.0	23.2	23.7	21.7	19.2	20.2	---	---	---	---	---	---
10	---	---	---	20.5	18.8	19.5	---	---	---	---	---	---
11	---	---	---	21.0	19.3	20.1	---	---	---	---	---	---
12	25.0	24.0	24.4	20.9	19.9	20.2	---	---	---	---	---	---
13	24.7	23.5	23.9	20.3	18.9	19.5	---	---	---	---	---	---
14	23.6	22.3	23.1	19.8	18.6	19.2	---	---	---	---	---	---
15	22.3	19.9	21.4	18.6	18.0	18.3	---	---	---	---	---	---
16	22.5	21.4	21.8	18.4	17.5	17.9	13.5	11.7	12.6	---	---	---
17	24.2	22.1	22.9	19.2	17.5	18.4	13.2	11.6	12.5	---	---	---
18	24.6	23.1	23.9	19.0	18.3	18.7	14.3	12.2	13.1	---	---	---
19	25.6	24.0	24.8	20.0	18.7	19.0	14.5	11.8	13.0	---	---	---
20	27.2	24.9	25.7	19.7	19.1	19.3	12.6	9.9	10.9	13.7	10.6	12.0
21	26.9	25.9	26.2	20.0	19.4	19.6	11.6	10.4	11.0	14.0	12.0	13.1
22	27.3	25.7	26.4	20.4	19.8	20.0	13.6	11.2	12.7	14.0	13.3	13.7
23	26.7	25.6	26.1	21.6	20.1	20.6	13.6	10.6	12.1	13.6	10.1	11.4
24	26.0	25.3	25.6	21.8	20.5	21.4	13.4	9.5	10.7	12.1	9.6	10.6
25	26.3	25.7	25.8	20.5	17.1	18.8	12.6	7.8	8.9	11.8	9.2	10.3
26	26.9	26.0	26.3	18.6	16.8	18.0	10.4	6.6	8.1	12.8	11.2	11.9
27	27.1	26.3	26.7	18.2	17.1	17.6	10.4	7.4	9.3	13.6	12.2	12.8
28	27.3	26.0	26.7	17.5	16.4	17.0	11.1	8.8	9.9	13.1	11.8	---
29	27.2	26.0	26.6	17.3	16.4	16.9	12.4	10.0	10.8	13.1	12.1	12.5
30	26.6	25.7	26.2	19.2	17.2	18.1	12.4	11.0	11.9	14.0	13.0	13.5
31	26.8	25.8	26.1	---	---	---	13.5	12.3	12.9	13.7	12.9	13.2
		FEBRUARY			MARCH			APRIL			MAY	
1	13.1	12.5	12.8	15.4	13.9	14.5	20.6	19.0	19.8	22.4	20.1	21.3
2	13.2	12.4	12.8	14.3	12.6	13.8	19.6	17.4	18.7	21.5	19.4	20.8
3	13.8	12.6	13.2	13.9	12.9	13.4	19.7	17.2	18.8	21.4	19.3	20.6
4	14.7	12.6	13.9	15.5	12.2	13.5	20.5	17.6	18.8	21.0	19.4	20.2
5	14.4	12.4	13.6	15.8	13.7	14.8	21.4	18.9	20.0	20.7	19.1	19.8
6	13.8	12.8	13.3	15.9	14.6	15.4	20.7	19.8	20.2	22.0	20.3	21.0
7	14.2	13.3	13.8	17.0	15.0	16.1	20.8	19.9	20.4	23.8	20.8	21.9
8	15.0	14.1	14.5	16.8	15.8	16.3	20.4	19.9	20.1	24.4	22.2	23.0
9	15.1	14.7	14.9	16.4	14.9	15.8	23.2	19.7	20.4	24.1	22.7	23.3
10	15.3	14.1	14.7	16.0	14.6	15.2	21.9	20.5	21.1	26.0	23.6	24.3
11	14.3	13.2	13.7	16.0	14.6	15.2	21.4	20.4	20.9	26.2	24.2	25.2
12	14.0	13.0	13.5	16.5	14.6	15.7	22.6	20.7	21.6	26.6	24.4	25.4
13	14.6	13.6	13.8	17.6	15.7	16.6	22.1	20.7	21.4	27.2	25.6	26.5
14	14.7	14.0	14.3	18.3	17.2	---	21.1	20.0	20.6	27.5	25.8	26.6
15	15.1	14.3	14.5	---	---	---	21.2	19.0	20.2	27.5	26.2	26.6
16	18.2	15.1	15.9	---	---	---	21.5	19.9	20.7	26.6	24.8	25.6
17	15.7	14.9	15.3	---	---	---	22.4	20.7	21.4	26.3	25.3	25.8
18	14.9	13.3	14.4	---	---	---	22.7	21.0	21.7	27.4	25.7	26.6
19	15.1	13.2	14.3	---	---	---	22.5	21.6	22.0	27.9	26.6	27.0
20	15.1	14.3	14.7	---	---	---	23.3	21.9	22.3	---	27.0	---
21	17.2	14.8	15.4	---	---	---	24.5	22.4	22.9	28.8	27.3	27.9
22	18.8	15.4	16.4	---	---	---	25.4	23.2	24.3	29.3	27.5	28.3
23	17.8	16.0	16.9	---	---	---	25.3	22.1	23.5	29.5	27.6	28.6
24	18.1	16.8	17.3	19.7	18.1	19.0	22.1	20.6	21.3	29.9	28.0	28.9
25	17.2	16.3	16.8	21.5	19.2	19.9	21.4	19.5	20.5	29.5	27.4	28.4
26	16.8	15.1	15.6	21.8	20.8	21.3	21.2	19.4	20.0	28.8	26.3	27.3
27	15.3	14.6	15.1	21.8	20.7	21.1	21.7	20.0	20.7	28.4	27.2	27.8
28	15.4	14.4	15.0	20.8	18.4	19.2	22.6	20.6	21.6	28.3	26.5	27.6
29	---	---	---	20.3	18.6	19.2	23.2	21.5	22.3	27.8	26.1	26.9
30	---	---	---	20.5	19.3	19.9	23.6	22.4	23.0	26.2	24.8	25.3
31	---	---	---	20.5	19.8	20.2	---	---	---	26.3	24.8	25.3

302110088464600 USCG BILOXI EAST CHANNEL RANGE FRONT LIGHT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.5	25.9	30.6	28.8	29.5	31.0	30.3	30.6	---	---	---
2	26.8	26.0	26.3	31.0	29.3	29.9	30.7	29.5	29.9	---	---	---
3	30.5	26.6	27.4	30.9	29.1	29.8	29.6	28.9	---	---	---	---
4	31.0	28.1	28.6	30.8	29.3	30.0	29.4	28.4	28.8	---	---	---
5	30.2	28.5	29.1	30.6	28.7	29.7	28.4	27.6	27.9	---	---	---
6	29.6	28.1	28.9	---	---	---	28.3	27.5	27.9	---	---	---
7	29.4	27.1	27.9	28.6	27.2	27.7	28.8	27.8	28.3	---	---	---
8	29.5	28.0	28.7	28.6	28.1	28.3	29.6	28.7	29.0	---	---	---
9	30.7	28.3	29.2	30.4	28.2	29.2	29.9	29.6	29.7	---	---	---
10	30.3	29.0	29.4	29.6	26.3	27.8	31.1	29.8	30.1	---	---	---
11	29.0	26.8	27.7	27.5	25.7	26.5	30.6	29.8	30.1	---	---	---
12	27.2	26.6	26.9	29.7	27.2	28.0	32.1	29.9	30.7	---	---	---
13	29.9	27.0	28.0	29.8	28.4	28.9	33.2	30.8	31.6	---	---	---
14	31.9	28.3	29.2	30.1	28.5	28.9	32.5	31.0	31.5	---	---	---
15	30.8	29.1	29.8	---	---	---	32.2	31.2	31.6	---	---	---
16	30.6	29.1	29.6	30.4	28.9	29.5	32.5	31.0	31.5	---	---	---
17	30.9	29.4	30.0	31.4	29.0	29.7	32.5	30.8	31.6	---	---	---
18	30.3	29.1	29.5	32.0	29.8	30.5	32.8	30.8	31.4	---	---	---
19	30.2	28.6	29.5	31.6	30.1	30.7	33.1	31.0	32.0	---	---	---
20	30.0	27.9	29.0	31.7	29.9	30.6	33.0	31.4	32.1	---	---	---
21	29.6	28.3	28.9	31.7	30.5	31.0	32.8	31.9	32.2	---	---	---
22	29.9	28.6	29.1	31.4	30.6	30.9	32.6	31.8	32.2	---	---	---
23	30.2	29.0	29.4	31.2	30.6	31.0	32.3	31.1	31.6	---	---	---
24	30.3	29.1	29.7	31.0	30.3	30.7	32.4	31.2	31.8	---	---	---
25	30.2	29.0	29.5	32.1	30.4	31.1	32.8	31.0	31.8	---	---	---
26	30.0	28.8	29.2	32.1	31.4	31.7	32.3	31.2	31.7	---	---	---
27	30.2	29.4	29.7	31.7	31.0	31.2	32.3	30.8	31.5	---	---	---
28	30.0	29.3	29.7	31.4	30.8	31.1	31.6	29.5	30.9	---	---	---
29	29.7	29.0	29.3	31.2	30.5	30.8	---	---	---	---	---	---
30	29.5	28.2	28.8	31.6	30.4	30.9	---	---	---	---	---	---
31	---	---	---	31.3	29.7	30.3	---	---	---	---	---	---

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: Oct. 18-26, Feb. 15-16, Mar. 11-15, Apr. 3 - May 10, May 15 - Jun. 3 and Jun. 13-22. Records good 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)
Nov. 24	0345	1,310	15.46	Jan. 8	0000	925	14.23
Nov. 30	2100	*1,770	*16.66	Apr. 6	1845	1,220	15.21
Dec. 7	0645	1,330	15.53	Jun. 12	0345	1,390	15.69
Dec. 9	1100	975	14.41	Aug. 30	1015	1,720	16.54
Dec. 23	0145	1,390	15.71				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	32	407	20	15	67	64	e41	e59	10	10	33
2	9.4	42	147	22	52	52	64	e30	e42	10	9.7	21
3	9.7	48	76	20	51	46	e37	e28	e24	9.8	9.2	17
4	9.1	47	46	18	29	41	e50	e27	13	9.5	8.7	14
5	9.6	31	55	18	23	37	e47	e27	11	42	8.5	13
6	9.0	26	682	45	20	32	e487	e26	23	16	14	12
7	9.8	24	830	236	36	70	e406	e24	16	50	44	11
8	9.4	21	152	333	111	90	e167	e22	13	14	25	11
9	10	18	487	101	55	56	e102	e22	15	12	11	10
10	11	18	160	63	39	78	e77	e18	12	11	9.6	10
11	22	22	90	61	31	e48	e82	13	79	172	9.5	9.3
12	76	32	61	58	29	e39	e129	13	641	75	8.7	8.9
13	34	23	46	222	51	e35	e71	12	e95	30	8.4	8.6
14	22	20	30	141	60	e33	e64	61	e53	23	8.1	8.4
15	27	24	26	70	e42	e31	e57	e41	e40	37	7.9	43
16	25	20	24	51	e32	33	e53	e26	e33	44	7.6	65
17	28	18	21	37	22	34	e51	e26	e30	29	8.2	16
18	e23	20	18	31	19	27	e49	e24	e26	20	9.6	12
19	e385	28	16	30	19	26	e45	e24	e22	18	8.0	10
20	e107	25	14	27	150	25	e43	e27	e20	17	7.4	9.6
21	e71	21	16	24	234	23	e41	e25	e26	18	7.1	9.5
22	e37	22	222	21	145	38	e42	e25	e17	19	7.1	9.6
23	e40	165	590	15	80	44	e42	e37	12	14	6.9	8.7
24	e107	734	110	15	83	28	e39	e20	12	13	6.7	8.4
25	e45	140	64	16	57	26	e38	e21	12	12	6.6	93
26	e20	93	51	16	48	23	e40	e17	11	11	7.2	95
27	48	127	40	13	60	51	e39	e14	12	11	6.6	21
28	107	125	34	12	136	57	e35	e18	13	11	6.6	13
29	90	80	31	42	---	36	e36	e20	11	11	11	11
30	48	1040	27	26	---	28	e76	e23	10	10	974	10
31	40	---	23	17	---	26	---	e21	---	10	83	---
TOTAL	1498.5	3086	4596	1821	1729	1280	2573	773	1403	789.3	1355.9	622.0
MEAN	48.3	103	148	58.7	61.8	41.3	85.8	24.9	46.8	25.5	43.7	20.7
MAX	385	1040	830	333	234	90	487	61	641	172	974	95
MIN	9.0	18	14	12	15	23	35	12	10	9.5	6.6	8.4
MED	27	27	51	27	50	36	50	24	18	14	8.5	11
CFSM	1.96	4.16	6.00	2.38	2.50	1.67	3.47	1.01	1.89	1.03	1.77	0.84
IN.	2.26	4.65	6.92	2.74	2.60	1.93	3.88	1.16	2.11	1.19	2.04	0.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2005, BY WATER YEAR (WY)

MEAN	18.0	45.2	66.3	71.0	72.1	74.1	59.8	52.1	25.8	14.8	13.9	14.5
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1973 - 2005	
ANNUAL TOTAL	24654.5		21526.7			
ANNUAL MEAN	67.4		59.0		43.9	
HIGHEST ANNUAL MEAN					79.2	1991
LOWEST ANNUAL MEAN					18.7	1988
HIGHEST DAILY MEAN	1210	Aug 25	1040	Nov 30	4910	Dec 26 1982
LOWEST DAILY MEAN	9.0	Oct 6	6.6	Aug 25	1.5	Sep 9 1984
ANNUAL SEVEN-DAY MINIMUM	9.4	Oct 2	6.8	Aug 22	2.1	Aug 30 2000
MAXIMUM PEAK FLOW			1770	Nov 30	unknown	Dec 26 1982
MAXIMUM PEAK STAGE			16.66	Nov 30	21.74	Dec 26 1982
INSTANTANEOUS LOW FLOW			3.6	Oct 1	1.5	Sep 9 1984
ANNUAL RUNOFF (CFSM)	2.73		2.39		1.78	
ANNUAL RUNOFF (INCHES)	37.13		32.42		24.13	
10 PERCENT EXCEEDS	124		104		78	
50 PERCENT EXCEEDS	27		26		19	
90 PERCENT EXCEEDS	13		9.6		5.2	

e Estimated

YAZOO RIVER BASIN

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS

LOCATION.--Lat 34°28'57", long 89°13'28", 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 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.--No estimated daily discharges. Records good. 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)
Nov. 24	2200	22,200	26.19	Dec. 10	0300	26,000	26.74
Dec. 1	0500	19,000	25.69	Dec. 23	1600	16,100	25.20
Dec. 7	1800	*40,300	*28.36	Apr. 7	1000	17,600	25.46

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	1580	16000	608	491	1290	551	601	96	70	85	861
2	51	2230	4520	625	1040	847	1060	356	147	67	96	370
3	54	1540	1660	599	1140	726	522	284	136	66	88	243
4	64	828	967	583	729	654	410	243	95	64	81	170
5	61	523	974	559	592	599	367	222	77	849	78	134
6	58	413	10700	680	524	537	4860	210	87	1410	88	115
7	77	353	31900	3180	560	654	15800	190	223	291	448	102
8	68	308	20400	10200	1630	1200	7350	182	106	156	149	91
9	58	271	17400	3700	914	850	2430	181	91	110	96	85
10	62	250	19100	1410	670	1920	1130	221	1570	95	82	77
11	101	238	4490	991	547	888	1460	190	285	425	81	69
12	637	255	1910	889	507	652	7210	182	1310	498	76	63
13	165	237	1230	3370	633	558	2630	156	776	196	73	59
14	97	222	1030	3390	920	489	1080	159	317	134	71	57
15	80	206	927	1190	670	446	806	225	206	896	69	92
16	74	207	849	888	561	462	660	149	151	1670	68	118
17	76	201	759	746	481	463	573	128	126	1080	69	100
18	103	203	707	670	423	415	522	121	115	622	95	74
19	5520	275	664	647	413	403	475	117	107	428	112	61
20	7670	290	593	620	3690	411	428	109	98	1360	79	58
21	1980	238	591	588	9350	389	397	100	94	410	79	54
22	569	294	1930	553	3580	463	510	92	89	272	73	64
23	558	3430	14100	477	1750	564	472	89	85	191	93	57
24	2330	17700	5970	453	3180	428	337	84	80	156	77	55
25	775	12900	1860	467	1270	383	310	73	77	128	70	455
26	714	2930	1040	463	900	353	318	68	75	117	66	1670
27	389	2320	884	423	843	592	333	66	85	115	66	288
28	456	2060	795	400	2680	588	286	67	92	121	67	139
29	733	996	743	567	---	465	282	65	81	103	100	102
30	375	8800	696	630	---	376	1540	71	73	95	7620	86
31	491	---	654	527	---	350	---	77	---	89	3980	---
TOTAL	24496	62298	166043	41093	40688	19415	55109	5078	6950	12284	14375	5969
MEAN	790	2077	5356	1326	1453	626	1837	164	232	396	464	199
MAX	7670	17700	31900	10200	9350	1920	15800	601	1570	1670	7620	1670
MIN	50	201	591	400	413	350	282	65	73	64	66	54
MED	103	330	1040	625	786	537	536	149	97	156	81	92
CFSM	1.50	3.95	10.2	2.52	2.76	1.19	3.49	0.31	0.44	0.75	0.88	0.38
IN.	1.73	4.41	11.74	2.91	2.88	1.37	3.90	0.36	0.49	0.87	1.02	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	168	720	1285	1501	1743	1773	1407	948	591	308	179	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	594472		453798			
ANNUAL MEAN	1624		1243		897	
HIGHEST ANNUAL MEAN					1945	1983
LOWEST ANNUAL MEAN					214	2000
HIGHEST DAILY MEAN	31900	Dec 7	31900	Dec 7	53800	Mar 22 1955
LOWEST DAILY MEAN	50	Sep 30	50	Oct 1	4.1	Oct 3 1938
ANNUAL SEVEN-DAY MINIMUM	52	Sep 27	59	Oct 1	4.3	Oct 3 1938
MAXIMUM PEAK FLOW			40300	Dec 7	85200	May 19 1983
MAXIMUM PEAK STAGE			28.36	Dec 7	29.37a	Nov 30 2001
INSTANTANEOUS LOW FLOW			49	Oct 1,3	4.1	Oct 3 1938
ANNUAL RUNOFF (CFSM)	3.09		2.36		1.71	
ANNUAL RUNOFF (INCHES)	42.04		32.09		23.18	
10 PERCENT EXCEEDS	3580		2320		1880	
50 PERCENT EXCEEDS	462		410		201	
90 PERCENT EXCEEDS	79		72		27	

a To present datum.

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'24", long 89°31'17", 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 ft above NGVD of 1929. Prior to Jan. 1, 1972, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: May 19-20, 30, Dec. 1,6-13, Mar. 15-16, 29-31, Jun. 22-23, Jul. 1-4, 7-9, and Sept. 7-12, 17-24. 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)
Dec. 7	1400	*10,900	*26.20	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	144	e1700	193	187	578	227	567	59	e36	31	515
2	23	757	1860	216	434	450	273	404	68	e35	36	207
3	23	514	1140	191	492	378	258	238	66	e34	34	118
4	23	282	737	188	366	331	220	191	59	e33	29	88
5	22	177	554	186	281	298	198	163	53	93	27	72
6	22	135	e7300	214	242	270	2410	143	110	135	29	65
7	22	114	e9000	1130	286	321	3760	129	111	e60	59	e59
8	22	101	e4700	2050	532	411	2140	124	78	e50	39	e54
9	30	90	e8000	1470	428	505	1400	117	72	e54	31	e50
10	31	83	e3200	1020	312	1040	903	136	346	67	31	e45
11	57	80	e2200	639	250	688	1590	122	176	128	44	e41
12	46	78	e1600	423	221	444	2630	108	202	93	40	e36
13	38	74	e1350	833	269	345	1540	99	164	75	27	34
14	36	70	1180	894	293	294	1020	97	118	61	24	34
15	35	69	993	828	264	e268	628	104	91	65	23	35
16	32	66	731	554	228	e253	417	101	73	98	20	70
17	38	64	502	346	195	238	336	94	67	101	20	e44
18	39	62	391	286	177	226	289	87	61	77	20	e37
19	746	e94	312	260	166	220	255	81	56	69	19	e33
20	185	e68	242	242	1820	211	225	76	54	59	17	e30
21	97	77	197	232	2310	207	211	72	53	104	18	e28
22	71	116	826	213	1790	340	306	68	e49	93	66	e27
23	104	e2100	1950	185	1260	317	255	63	e46	61	35	e28
24	139	4770	1330	177	1310	254	204	59	42	47	26	e30
25	90	2470	963	181	909	226	179	56	40	40	28	754
26	73	1380	576	182	671	208	172	53	38	37	30	186
27	63	1180	368	162	493	367	161	55	42	34	23	101
28	371	905	292	153	665	369	147	59	42	33	22	70
29	275	716	255	224	---	265	142	e58	40	35	149	54
30	141	e7200	230	221	---	225	630	e57	37	30	1640	44
31	150	---	210	200	---	205	---	e56	---	29	677	---
TOTAL	3067	24036	54889	14293	16851	10752	23126	3837	2513	1966	3314	2989
MEAN	98.9	801	1771	461	602	347	771	124	83.8	63.4	107	99.6
MAX	746	7200	9000	2050	2310	1040	3760	567	346	135	1640	754
MIN	22	62	197	153	166	205	142	53	37	29	17	27
CFSM	0.38	3.06	6.76	1.76	2.30	1.32	2.94	0.47	0.32	0.24	0.41	0.38
IN.	0.44	3.41	7.79	2.03	2.39	1.53	3.28	0.54	0.36	0.28	0.47	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	83.9	291	608	596	715	774	706	462	263	129	86.6	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	202640		161633			
ANNUAL MEAN	554		443		400	
HIGHEST ANNUAL MEAN					877	1983
LOWEST ANNUAL MEAN					123	1981
HIGHEST DAILY MEAN	9000	Dec 7	9000	Dec 7	25600	Dec 26 1982
LOWEST DAILY MEAN	22	Oct 5	17	Aug 20	5.1	Aug 26 1987
ANNUAL SEVEN-DAY MINIMUM	22	Oct 2	20	Aug 15	5.7	Aug 12 1954
MAXIMUM PEAK FLOW			10900	Dec 7	44100	Mar 21 1955
MAXIMUM PEAK STAGE			26.20	Dec 7	28.72a	Mar 21 1955
INSTANTANEOUS LOW FLOW			15	Aug 21	4.4	Sep 14 1954
ANNUAL RUNOFF (CFSM)	2.11		1.69		1.53	
ANNUAL RUNOFF (INCHES)	28.77		22.95		20.75	
10 PERCENT EXCEEDS	1370		1080		999	
50 PERCENT EXCEEDS	194		147		105	
90 PERCENT EXCEEDS	36		31		19	

e Estimated

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

REMARKS.--Estimated daily discharges: Oct. 1-7. 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)
Apr. 8	1015	*3,620	*9.40	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e81	136	851	155	127	375	274	178	71	69	66	238
2	e82	561	1300	443	144	308	365	120	76	69	65	107
3	e83	815	1070	578	201	195	341	96	86	69	65	79
4	e84	939	436	633	176	167	219	88	80	69	64	70
5	e83	741	215	353	137	159	165	84	74	99	63	65
6	e82	226	328	293	124	147	470	81	74	114	64	63
7	e83	153	1010	647	124	145	1280	79	134	98	72	62
8	84	133	1470	1430	181	184	3080	78	122	92	89	62
9	84	121	1380	1920	191	193	1710	77	130	79	68	62
10	92	115	1030	1320	148	223	754	80	279	76	65	61
11	113	116	606	561	125	212	608	83	159	84	64	61
12	150	128	418	326	114	166	1200	79	110	121	64	60
13	129	140	200	678	135	147	1500	77	129	109	63	60
14	106	124	152	771	182	136	1170	75	116	93	62	59
15	99	115	129	766	162	133	481	87	86	99	62	68
16	97	112	120	369	130	132	203	85	75	209	60	100
17	95	111	120	191	115	140	156	75	71	249	60	92
18	99	113	119	151	105	143	136	73	70	116	60	73
19	237	135	116	140	100	133	126	73	69	92	60	66
20	389	160	112	139	646	134	116	72	68	84	60	63
21	479	142	107	134	1620	133	110	71	67	88	60	62
22	235	129	277	128	1770	169	109	69	67	103	60	67
23	154	205	500	120	1090	370	106	69	67	86	60	63
24	212	667	689	113	472	357	98	69	67	76	61	62
25	324	794	1070	111	401	205	97	68	67	72	62	155
26	297	793	649	115	297	158	91	66	67	69	63	334
27	156	417	227	113	204	189	94	65	70	69	78	566
28	132	423	198	107	255	664	92	64	77	81	95	307
29	124	394	216	120	---	993	92	65	72	72	94	105
30	120	676	211	157	---	796	162	66	70	69	249	86
31	121	---	174	142	---	296	---	70	---	66	286	---
TOTAL	4706	9834	15500	13224	9476	7902	15405	2482	2770	2941	2464	3378
MEAN	152	328	500	427	338	255	514	80.1	92.3	94.9	79.5	113
MAX	479	939	1470	1920	1770	993	3080	178	279	249	286	566
MIN	81	111	107	107	100	132	91	64	67	66	60	59
MED	113	147	277	191	169	169	184	75	74	84	64	66
CFSM	0.79	1.72	2.62	2.23	1.77	1.33	2.69	0.42	0.48	0.50	0.42	0.59
IN.	0.92	1.92	3.02	2.58	1.85	1.54	3.00	0.48	0.54	0.57	0.48	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	197	230	370	323	466	425	299	257	134	89.3	80.1	147
MAX	716	747	1067	611	759	1082	514	780	396	144	111	470
(WY)	2003	2002	2002	1999	2003	1997	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	100527		90082			
ANNUAL MEAN	275		247		250	
HIGHEST ANNUAL MEAN					415	2002
LOWEST ANNUAL MEAN					103	2000
HIGHEST DAILY MEAN	3740	Feb 6	3080	Apr 8	13400	Nov 30 2001
LOWEST DAILY MEAN	61	Aug 16	59	Sep 14	34	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	62	Aug 12	60	Aug 16	35	Aug 31 2000
MAXIMUM PEAK FLOW			3620	Apr 8	14900	Nov 30 2001
MAXIMUM PEAK STAGE			9.40	Apr 8	13.60	Nov 30 2001
INSTANTANEOUS LOW FLOW			59	Aug 21,22	34	Sep 5 2000
ANNUAL RUNOFF (CFSM)	1.44		1.29		1.31	
ANNUAL RUNOFF (INCHES)	19.58		17.54		17.81	
10 PERCENT EXCEEDS	670		648		491	
50 PERCENT EXCEEDS	128		120		101	
90 PERCENT EXCEEDS	78		65		54	

e Estimated
a Also occurred on Sept. 13,14.

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: Sept. 1-14 and 26-30. 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)
Apr. 6	2030	*10,800	*16.93	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	77	368	134	72	109	483	70	51	51	44	e68
2	48	964	149	196	206	79	267	57	57	50	45	e60
3	49	170	106	173	146	69	117	52	54	49	46	e57
4	49	92	87	258	92	62	89	50	52	49	47	e55
5	48	72	133	176	77	61	75	49	51	205	50	e54
6	48	64	358	301	70	55	3310	49	62	78	51	e53
7	47	59	1690	2250	92	64	1610	50	61	76	52	e52
8	50	54	280	697	186	106	313	49	51	53	48	e51
9	56	53	563	252	105	176	196	63	90	50	48	e51
10	63	51	271	172	81	256	149	56	251	49	49	e50
11	65	53	166	145	72	110	2280	47	54	66	49	e50
12	123	53	136	130	78	83	1050	47	49	53	49	e49
13	66	48	121	734	138	71	254	44	44	44	49	e49
14	64	44	110	271	125	62	166	56	41	47	50	e48
15	63	44	105	146	81	58	128	48	39	391	49	48
16	61	43	102	117	70	57	108	45	39	405	49	50
17	62	42	98	100	64	55	96	47	40	174	50	46
18	62	42	95	99	65	51	89	47	43	88	49	47
19	503	48	92	96	61	53	83	45	44	66	48	47
20	212	42	90	82	1190	51	78	47	45	61	48	48
21	98	40	88	77	459	49	76	43	48	57	48	48
22	84	40	1680	75	180	246	82	42	47	54	47	48
23	143	173	686	70	186	143	69	44	48	51	48	46
24	167	754	236	69	311	85	66	43	48	49	49	45
25	85	135	201	70	129	71	66	44	50	47	51	548
26	81	83	195	69	96	61	69	46	57	45	49	e210
27	76	291	173	66	87	335	66	47	63	44	53	e115
28	74	145	160	67	165	629	64	48	49	44	52	e84
29	72	85	154	92	---	173	81	48	48	43	60	e72
30	72	1490	147	87	---	107	215	50	50	43	301	e62
31	108	---	139	78	---	84	---	50	---	44	93	---
TOTAL	2848	5351	8979	7349	4684	3671	11795	1523	1726	2626	1821	2311
MEAN	91.9	178	290	237	167	118	393	49.1	57.5	84.7	58.7	77.0
MAX	503	1490	1690	2250	1190	629	3310	70	251	405	301	548
MIN	47	40	87	66	61	49	64	42	39	43	44	45
CFSM	0.76	1.47	2.39	1.96	1.38	0.98	3.25	0.41	0.48	0.70	0.49	0.64
IN.	0.88	1.65	2.76	2.26	1.44	1.13	3.63	0.47	0.53	0.81	0.56	0.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	100	149	297	271	324	281	224	169	166	115	75.1	81.7
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	63047		54684			
ANNUAL MEAN	172		150		193	
HIGHEST ANNUAL MEAN					319	2002
LOWEST ANNUAL MEAN					72.0	2000
HIGHEST DAILY MEAN	7570	Feb 5	3310	Apr 6	12300	Feb 3 1990
LOWEST DAILY MEAN	39	Jun 10	39	Jun 15	22	Jul 6 1988
ANNUAL SEVEN-DAY MINIMUM	41	Jun 8	41	Jun 13	22	Jul 6 1988
MAXIMUM PEAK FLOW			10800	Apr 6	19100	Feb 3 1990
MAXIMUM PEAK STAGE			16.93	Apr 6	19.91	Feb 3 1990
ANNUAL RUNOFF (CFSM)	1.42		1.24		1.60	
ANNUAL RUNOFF (INCHES)	19.38		16.81		21.70	
10 PERCENT EXCEEDS	272		255		273	
50 PERCENT EXCEEDS	72		65		53	
90 PERCENT EXCEEDS	46		46		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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
07...	1710	46	19	2.4
19...	1530	930	534	1340
NOV				
02...	0715	1770	1730	8270
02...	0845	2820	1120	8530
02...	1045	2400	1240	8040
19...	0905	49	26	3.4
24...	0115	1590	1190	5110
24...	0245	1680	842	3820
30...	1100	637	364	626
30...	1230	547	437	645
30...	1430	452	964	1180
30...	1630	375	1100	1110
30...	1830	321	919	796
DEC				
07...	0115	1650	576	2570
07...	0245	2750	553	4110
07...	0445	4090	546	6030
07...	0645	3890	679	7130
07...	0845	2680	804	5820
14...	1630	109	25	7.4
22...	1615	1680	1040	4720
22...	1745	3630	1040	10200
JAN				
07...	0840	328	130	115
07...	0900	384	395	410
07...	1115	1910	1720	8870
07...	1245	3520	2100	20000
07...	1500	4590	3220	39900
07...	1645	5170	2120	29600
07...	1845	4810	1570	20400
07...	2045	3820	1310	13500
07...	2245	2310	999	6230
08...	0045	1500	761	3080
26...	1515	69	25	4.7
FEB				
16...	0855	73	29	5.7
20...	1345	1690	1110	5060
20...	1515	2900	1480	11600
20...	1715	3480	2030	19100
20...	1915	2580	1700	11800
MAR				
09...	1030	66	41	7.3
31...	0940	86	40	9.3
APR				
06...	1345	1720	1380	6410
06...	1515	3020	1510	12300
06...	1730	5680	1680	25800
06...	1915	10200	2280	62800
06...	2115	10600	7090	203000
06...	2315	9550	6320	163000
07...	0115	6180	3420	57100
07...	0330	3220	2280	19800
07...	0515	1900	1520	7800
11...	1615	2010	2010	10900
11...	1745	6300	2860	48600
11...	1945	8020	3030	65600
11...	2145	7550	3030	61800
11...	2345	4880	2380	31400
12...	0145	2950	1370	10900
12...	0345	1700	890	4090
20...	0900	79	25	5.3
MAY				
10...	1525	53	43	6.2
JUN				
02...	0855	56	31	4.7
22...	1255	49	37	4.9
JUL				
12...	1405	49	37	4.9
AUG				
04...	1500	48	32	4.1
23...	1230	49	23	3.0
SEP				
14...	1800	48	31	4.0
25...	1330	1380	2000	7460
25...	1500	1940	2440	12800
25...	1700	1330	2190	7860

07280400 TILLATOBA CREEK AT CHARLESTON, MS

LOCATION.--Lat 34°00'00", long 90°03'54", 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.--Estimated daily discharges: Oct. 26-31, Nov. 1, 4-15 and Feb. 11-19. 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 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)
Nov. 24	0415	8,950	22.13	Dec. 9	0900	7,130	20.47
Dec. 7	0615	*9,230	*22.40	Apr. 11	2245	6,930	20.28

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	e142	677	134	78	101	119	337	45	18	29	74
2	14	687	320	155	478	88	123	188	42	18	32	47
3	14	308	229	142	224	97	88	122	37	18	20	37
4	13	e213	185	152	131	92	80	96	33	18	19	30
5	14	e184	236	146	102	84	73	84	29	20	19	27
6	13	e164	4110	172	90	76	991	67	26	27	18	25
7	13	e148	5200	1320	122	86	1910	59	23	20	22	22
8	13	e137	1060	1120	380	232	921	55	235	20	21	19
9	18	e123	3430	470	174	146	437	74	463	19	19	18
10	33	e112	957	310	128	229	298	91	367	19	18	17
11	29	e104	573	241	e104	135	2090	57	101	39	18	16
12	29	e98	419	204	e85	104	1990	49	70	35	17	15
13	22	e110	325	661	e83	91	620	39	56	25	17	15
14	18	e118	234	412	e81	106	397	43	44	25	16	15
15	17	e132	172	212	e80	89	292	48	36	35	15	15
16	16	141	138	160	e79	83	229	39	31	63	14	17
17	17	135	114	129	e78	79	181	35	28	50	14	16
18	18	137	98	109	e77	73	149	34	27	114	14	15
19	265	150	85	104	e76	71	120	31	24	43	13	14
20	178	168	73	99	370	71	95	29	23	37	13	15
21	50	167	71	91	399	69	77	27	23	44	12	14
22	35	234	1140	78	375	228	69	25	21	36	16	16
23	1140	1270	1470	72	213	156	57	24	20	30	15	14
24	981	4020	420	75	465	97	49	23	20	26	16	15
25	298	620	280	73	190	85	46	21	19	24	15	526
26	e197	403	223	69	136	77	53	20	19	22	16	193
27	e152	711	188	60	116	378	49	19	20	21	16	68
28	e128	374	168	59	120	407	43	25	20	27	14	42
29	e100	240	157	93	---	155	48	102	20	33	46	33
30	e84	2050	148	92	---	115	2020	104	18	25	766	26
31	e71	---	140	81	---	99	---	51	---	21	128	---
TOTAL	4004	13600	23040	7295	5034	3999	13714	2018	1940	972	1428	1416
MEAN	129	453	743	235	180	129	457	65.1	64.7	31.4	46.1	47.2
MAX	1140	4020	5200	1320	478	407	2090	337	463	114	766	526
MIN	13	98	71	59	76	69	43	19	18	18	12	14
MED	29	166	234	134	121	97	122	48	27	25	17	17
CFSM	1.09	3.84	6.30	1.99	1.52	1.09	3.87	0.55	0.55	0.27	0.39	0.40
IN.	1.26	4.29	7.26	2.30	1.59	1.26	4.32	0.64	0.61	0.31	0.45	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	68.5	177	263	316	371	292	271	239	131	51.0	35.8	74.5
MAX	264	651	743	752	659	584	470	772	548	99.4	61.3	386
(WY)	2003	2002	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	96841		78460			
ANNUAL MEAN	265		215		190	
HIGHEST ANNUAL MEAN					325	2002
LOWEST ANNUAL MEAN					78.9	2000
HIGHEST DAILY MEAN	6050	Feb 5	5200	Dec 7	11500	Nov 29 2001
LOWEST DAILY MEAN	13	Oct 4	12	Aug 21	5.4	Oct 31 2000
ANNUAL SEVEN-DAY MINIMUM	13	Oct 2	13	Oct 2	6.2	Oct 25 2000
MAXIMUM PEAK FLOW			9230	Dec 7	14000	Nov 29 2001
MAXIMUM PEAK STAGE			22.40	Dec 7	28.01	Nov 29 2001
INSTANTANEOUS LOW FLOW			12	Oct 6,7a	5.2	Oct 31 2000
ANNUAL RUNOFF (CFSM)	2.24		1.82		1.61	
ANNUAL RUNOFF (INCHES)	30.53		24.73		21.84	
10 PERCENT EXCEEDS	568		415		395	
50 PERCENT EXCEEDS	84		77		48	
90 PERCENT EXCEEDS	18		16		14	

e Estimated
a Also occurred August 19,20,21,22.

07281600 TALLAHATCHIE RIVER AT MONEY, MS

LOCATION.--Lat 33°39'05", long 90°12'40", 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7050	8040	13500	15200	16000	13900	9030	6250	3700	2040	3990	5450
2	7150	8480	13800	15200	16100	13900	8540	6070	3400	1930	3970	4780
3	7220	9510	13600	15100	16200	13800	8230	5800	2960	1670	3910	4190
4	7260	10300	13500	15100	16100	13800	7870	5240	2380	1550	3720	4250
5	7250	10700	13600	15100	16000	13800	7420	4810	1950	1510	3570	5140
6	7230	10900	14200	15100	15700	13700	7130	4520	1690	1570	3570	5970
7	7230	10800	16100	15500	15500	13700	10200	4380	1580	1880	3890	6520
8	7230	10400	16800	16500	15500	13700	12300	4320	1640	1760	4130	6770
9	7270	9940	17700	17000	15400	13700	12900	4240	1890	1650	4290	6860
10	7390	9470	18300	16900	15300	13500	13100	4180	2140	1620	4550	6920
11	7480	9120	18500	16600	15100	13200	13600	4120	2220	1680	4710	6980
12	7120	8840	18300	16500	14900	12800	15500	4020	2190	1720	4770	7000
13	6320	8650	18100	16600	14700	12400	16200	3970	2180	1690	4790	6980
14	6240	8520	17800	16900	14500	12000	16100	4000	2130	1660	4790	6930
15	6490	8460	17600	17000	14400	11600	15900	4100	2050	1790	4780	6840
16	6690	8420	17500	17100	14200	11000	15600	4100	1940	2490	4760	6740
17	6810	8390	17300	17100	13900	10400	15200	4080	1940	2790	4740	6640
18	6890	8380	17000	17000	13700	9980	14800	4040	2270	2920	4700	6540
19	6920	8380	16800	16900	13500	9390	14200	3980	2390	3010	4680	6460
20	7220	8420	16600	16800	13200	8820	13500	3920	2390	3030	4650	6380
21	7510	8530	16500	16800	13200	8490	12900	3870	2380	3440	4540	6310
22	7170	8680	16500	16700	13200	8650	12400	3820	2310	4030	4450	6220
23	6980	9140	17000	16600	13400	8900	11500	3760	2250	4190	4440	6070
24	7890	12100	17200	16500	13700	9120	10600	3730	2200	4190	4270	5870
25	9030	13100	17000	16400	13900	9020	9620	3700	2180	4160	4040	5340
26	9150	13200	16800	16400	14100	8810	8700	3630	2140	4140	4280	5050
27	8700	12600	16400	16300	14100	8680	7630	3430	2100	4090	4520	4640
28	8110	12200	16000	16300	14000	9030	6600	3340	2170	4050	4700	3870
29	7790	11700	15600	16300	---	9630	5660	3600	2120	4120	4800	4260
30	7830	12200	15400	16300	---	9750	5700	3830	2080	4130	5450	5360
31	7920	---	15300	16200	---	9480	---	3890	---	4050	5810	---
TOTAL	228540	297570	506300	506000	409500	348650	338630	130740	66960	84550	138260	177330
MEAN	7372	9919	16330	16320	14620	11250	11290	4217	2232	2727	4460	5911
MAX	9150	13200	18500	17100	16200	13900	16200	6250	3700	4190	5810	7000
MIN	6240	8040	13500	15100	13200	8490	5660	3340	1580	1510	3570	3870
CFSM	1.41	1.90	3.13	3.13	2.80	2.15	2.16	0.81	0.43	0.52	0.85	1.13
IN.	1.63	2.12	3.61	3.61	2.92	2.48	2.41	0.93	0.48	0.60	0.99	1.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

MEAN	7013	8075	10030	11610	13200	12470	9348	6739	6043	5283	5980	6487
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	3472650		3233030			
ANNUAL MEAN	9488		8858		8500	
HIGHEST ANNUAL MEAN					12830	2003
LOWEST ANNUAL MEAN					3490	2000
HIGHEST DAILY MEAN	19200	Feb 16	18500	Dec 11	19500	Jan 27 2002
LOWEST DAILY MEAN	2930	Jan 18	1510	Jul 5	696	May 27 1996
ANNUAL SEVEN-DAY MINIMUM	3730	May 8	1650	Jul 4	829	Jan 22 2000
MAXIMUM PEAK FLOW			18500	Dec 11	19600	Jan 27 2002
MAXIMUM PEAK STAGE			30.06	Dec 11	34.19	Jan 27 2002
INSTANTANEOUS LOW FLOW			1490	Jul 5	576	Oct 3 2000
ANNUAL RUNOFF (CFSM)	1.82		1.70		1.63	
ANNUAL RUNOFF (INCHES)	24.74		23.04		22.12	
10 PERCENT EXCEEDS	17400		16400		15900	
50 PERCENT EXCEEDS	7680		7790		7840	
90 PERCENT EXCEEDS	5150		2260		2590	

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: Dec. 29,30, Jan 1,3,25 and Aug. 3-9. 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. 24	0415	4,610	26.86	Jan. 7	2330	4,480	26.68
Dec. 7	0715	*5,000	*27.37	Apr. 6	1730	2,910	22.80
Dec. 9	1015	2,570	21.27	Aug. 30	0700	3,490	24.69
Dec. 23	0100	2,830	22.43				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.025	1.1	689	e16	15	153	135	37	28	0.075	0.096	61
2	0.024	1.7	135	15	566	73	183	16	14	0.038	0.075	24
3	0.049	25	60	e14	367	62	52	7.6	7.5	0.026	e0.041	11
4	0.040	16	37	12	106	53	28	4.1	3.3	0.22	e0.040	6.4
5	0.039	8.6	79	12	59	39	21	2.7	1.7	7.0	e0.039	3.8
6	0.024	3.9	1240	12	38	30	1150	2.0	50	35	e0.038	2.8
7	0.039	2.1	2970	916	78	262	1250	1.8	64	12	e0.037	2.0
8	0.049	1.3	1130	2180	222	377	933	1.4	13	4.5	e0.036	1.5
9	0.21	0.89	1550	646	104	171	183	1.4	8.8	1.9	e0.035	1.1
10	0.49	0.64	674	116	60	297	81	1.3	6.0	2.0	0.052	0.69
11	1.9	0.72	128	74	37	110	328	1.3	2.7	32	0.065	0.44
12	3.2	0.92	65	55	27	60	1310	1.2	39	35	0.084	0.31
13	3.8	1.1	41	1080	167	44	343	1.0	29	44	1.9	0.27
14	1.4	0.88	28	736	455	235	82	1.7	10	11	0.61	0.26
15	0.62	0.79	21	140	136	87	45	1.6	4.2	4.4	0.26	0.26
16	0.29	0.66	18	66	74	52	28	2.4	2.0	38	0.17	0.69
17	0.18	0.57	16	42	50	42	20	1.3	1.0	13	22	1.0
18	0.18	0.50	13	31	36	33	16	1.0	0.82	15	11	0.68
19	0.99	0.65	11	26	29	28	13	0.81	0.60	15	5.6	0.40
20	8.5	0.61	9.4	22	179	25	10	0.64	0.41	13	3.1	0.39
21	7.4	1.7	8.9	20	460	23	8.1	0.50	0.22	13	40	0.33
22	5.1	116	324	17	216	80	7.8	0.50	0.18	3.8	28	0.33
23	56	379	1430	13	274	99	6.1	0.43	0.12	1.7	35	0.40
24	109	2830	366	11	528	53	4.6	0.42	0.11	1.3	17	0.47
25	24	743	79	e11	147	35	3.8	0.62	0.054	0.98	6.7	351
26	7.0	90	52	10	84	26	6.4	0.30	0.035	0.63	41	310
27	2.8	475	38	8.4	216	43	9.9	0.20	0.049	0.40	13	38
28	1.8	299	29	7.7	542	46	42	0.14	0.080	0.33	4.5	11
29	1.4	76	e23	15	---	30	22	11	0.095	0.30	383	4.2
30	1.2	1020	e20	16	---	22	96	14	0.11	0.11	1960	1.7
31	1.2	---	18	16	---	30	---	9.2	---	0.086	713	---
TOTAL	238.949	6098.33	11302.3	6356.1	5272	2720	6417.7	125.56	287.083	305.795	3286.478	836.42
MEAN	7.71	203	365	205	188	87.7	214	4.05	9.57	9.86	106	27.9
MAX	109	2830	2970	2180	566	377	1310	37	64	44	1960	351
MIN	0.024	0.50	8.9	7.7	15	22	3.8	0.14	0.035	0.026	0.035	0.26
MED	1.2	1.7	52	17	121	52	35	1.3	1.8	3.8	1.9	1.1
CFSM	0.09	2.36	4.22	2.38	2.18	1.02	2.48	0.05	0.11	0.11	1.23	0.32
IN.	0.10	2.63	4.87	2.74	2.27	1.17	2.77	0.05	0.12	0.13	1.42	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	42.9	127	240	281	246	208	252	165	164	34.0	35.8	68.3
MAX	145	247	455	613	527	393	614	654	492	101	106	474
(WY)	2003	2002	2002	1999	2003	2002	2000	2003	1999	2002	2005	2002
MIN	0.00	0.14	5.89	15.4	23.2	87.7	94.8	3.29	9.57	0.38	0.00	0.00
(WY)	2001	2000	2000	2000	2000	2005	2004	2000	2005	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	64698.496		43246.715			
ANNUAL MEAN	177		118		157	
HIGHEST ANNUAL MEAN					229	2002
LOWEST ANNUAL MEAN					69.0	2000
HIGHEST DAILY MEAN	3750	Jun 25	2970	Dec 7	6820	Sep 27 2002
LOWEST DAILY MEAN	0.024	Sep 30	0.024	Oct 2	0.000	Jul 4 1998
ANNUAL SEVEN-DAY MINIMUM	0.03	Sep 26	0.03	Oct 1	0.00	Jul 23 2000
MAXIMUM PEAK FLOW			5000	Dec 7	8100	Sep 27 2002
MAXIMUM PEAK STAGE			27.37	Dec 7	30.62	Sep 27 2002
INSTANTANEOUS LOW FLOW			0.01	Aug 9	0.00	Jul 2 1998
ANNUAL RUNOFF (CFSM)	2.05		1.37		1.82	
ANNUAL RUNOFF (INCHES)	27.89		18.64		24.73	
10 PERCENT EXCEEDS	540		316		365	
50 PERCENT EXCEEDS	14		12		11	
90 PERCENT EXCEEDS	0.31		0.18		0.09	

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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
07...	1020	.04	44	.00
27...	1250	2.6	63	.44
NOV				
18...	1120	.57	46	.07
23...	2245	1860	3350	16800
24...	0030	3210	2380	20600
24...	0230	4280	1920	22200
24...	0430	4610	1380	17200
24...	0630	4320	1000	11700
24...	0830	3730	774	7790
24...	1030	3220	628	5460
24...	1230	2820	560	4260
24...	1430	2400	640	4150
24...	1630	1930	423	2200
30...	1645	1720	445	2070
30...	1815	1700	411	1890
DEC				
06...	2230	1690	595	2710
07...	0015	1780	349	1680
07...	0215	1780	311	1490
07...	0415	3100	1410	11800
07...	0615	4810	1470	19100
07...	0815	4810	1040	13500
07...	1015	4010	673	7290
07...	1215	3480	518	4870
07...	1415	3060	387	3200
07...	1615	2700	301	2190
07...	1815	2300	267	1660
07...	2015	2000	305	1650
07...	2215	1820	319	1570
08...	0015	1710	303	1400
09...	0645	1750	671	3170
09...	0830	2320	612	3830
09...	1030	2560	551	3810
09...	1230	2410	427	2780
09...	1430	2130	293	1690
09...	1630	1790	260	1260
14...	1100	28	45	3.4
22...	2145	1820	1270	6240
22...	2330	2680	1460	10600
23...	0130	2800	1300	9830
23...	0330	2550	833	5740
23...	0530	2230	561	3380
23...	0730	1850	446	2230
JAN				
06...	1230	12	45	1.5
07...	1915	2180	1920	11300
07...	2100	3420	1580	14600
07...	2300	4410	1440	17100
08...	0100	4230	1020	11600
08...	0300	3650	680	6700
08...	0500	3150	456	3880
08...	0700	2770	362	2710
08...	0900	2370	307	1960
24...	1130	11	51	1.5
FEB				
15...	1250	125	75	25
MAR				
08...	1035	384	136	141
30...	1220	22	38	2.3
APR				
06...	1500	2200	1430	8490
06...	1645	2860	1420	11000
06...	1845	2840	1140	8740
06...	2045	2600	746	5240
06...	2245	2340	574	3630
07...	0100	2080	524	2940
12...	0215	2080	730	4100
22...	1350	7.6	50	1.0
MAY				
11...	0900	1.4	57	.22
JUN				
02...	1515	13	58	2.0
24...	1300	.15	41	.02
JUL				
11...	1220	41	213	24
AUG				
03...	1250	--	64	--
26...	1200	50	211	28
29...	2215	2230	1940	11700
30...	0000	3070	1420	11800
30...	0200	3490	1300	12200
30...	0400	3200	933	8060
30...	0600	2780	727	5460
30...	0800	2420	608	3970
SEP				
15...	1400	.29	34	.03

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: Feb. 13,14,23,27,28 and Mar. 7,8,10,11, 22-26, 28,29. 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)
Nov. 24	0530	*7,320	*27.77	Jan. 8	0030	6,820	27.30
Dec. 7	0900	7,250	27.71	Apr. 6	1815	5,680	25.90
Dec. 23	0130	5,700	25.92	Aug. 30	0315	5,420	25.55

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.83	8.3	1490	60	41	371	121	80	43	5.8	1.3	213
2	0.83	7.0	490	55	990	167	290	32	31	6.1	1.0	54
3	0.80	24	190	48	747	147	99	20	19	6.4	0.86	23
4	0.76	27	97	44	269	116	56	17	13	7.1	0.77	13
5	0.75	13	108	41	144	91	45	12	10	11	0.90	8.3
6	0.70	7.7	2070	42	91	66	2090	11	58	25	1.1	5.8
7	0.69	6.3	5360	1320	123	e300	2510	9.9	59	19	1.4	4.4
8	0.78	5.0	2170	4190	469	e800	1810	9.2	17	13	1.6	3.4
9	0.91	4.4	2930	1410	242	357	551	8.8	12	12	1.7	2.8
10	1.4	4.1	1510	462	143	e600	222	8.9	247	11	2.0	2.5
11	2.1	4.0	527	253	85	e270	510	8.4	37	32	2.3	2.2
12	2.1	4.2	238	175	65	143	2510	8.1	89	47	2.8	1.9
13	2.1	4.2	145	1480	e260	93	831	7.8	48	49	3.4	1.7
14	1.6	4.1	90	1310	e795	525	270	9.5	18	19	4.1	1.5
15	1.4	3.8	65	414	293	212	138	12	10	13	4.2	1.4
16	1.1	3.7	55	194	148	118	77	9.3	7.1	24	4.3	1.7
17	1.1	3.6	48	121	86	92	55	9.0	5.6	17	6.8	1.8
18	1.6	3.4	44	89	62	71	44	8.2	4.8	20	15	1.6
19	1.8	3.6	39	76	50	61	36	8.9	4.2	13	8.7	1.3
20	3.3	4.0	33	67	189	59	31	8.2	3.6	17	7.9	1.2
21	3.5	5.3	32	61	781	57	29	7.9	3.3	23	21	1.1
22	2.7	119	600	54	502	e150	27	7.7	2.9	8.9	40	1.1
23	34	608	3130	42	e395	e230	23	7.8	3.1	5.6	49	1.1
24	403	5440	983	37	1030	e100	20	8.0	3.1	4.3	54	1.0
25	45	1640	353	36	345	e70	18	7.9	3.3	3.6	19	457
26	13	497	204	35	168	e50	19	7.8	3.8	3.0	41	558
27	8.1	796	142	32	e250	98	19	7.7	4.2	2.6	26	74
28	7.1	684	106	29	e800	e110	32	8.2	4.8	2.3	17	15
29	7.7	211	88	50	---	e70	28	55	6.1	2.0	298	6.3
30	6.2	1910	75	52	---	55	242	71	5.7	1.8	3300	3.8
31	6.0	---	66	44	---	53	---	27	---	1.5	1050	---
TOTAL	562.95	12055.7	23478	12323	9563	5702	12753	514.2	776.6	426.0	4987.13	1464.9
MEAN	18.2	402	757	398	342	184	425	16.6	25.9	13.7	161	48.8
MAX	403	5440	5360	4190	1030	800	2510	80	247	49	3300	558
MIN	0.69	3.4	32	29	41	50	18	7.7	2.9	1.5	0.77	1.0
MED	1.8	6.7	145	60	246	110	66	8.9	8.7	11	4.3	2.7
CFSM	0.11	2.51	4.73	2.48	2.13	1.15	2.66	0.10	0.16	0.09	1.01	0.31
IN.	0.13	2.80	5.46	2.87	2.22	1.33	2.97	0.12	0.18	0.10	1.16	0.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	76.8	240	444	527	442	409	492	300	276	62.4	53.5	109
MAX	259	466	849	1193	930	732	1162	1107	820	234	161	724
(WY)	2003	2002	2002	1999	2003	2002	2000	2003	2004	2002	2005	2002
MIN	0.05	2.14	11.5	17.9	46.1	184	203	16.6	24.3	0.75	0.11	0.07
(WY)	2001	2000	2000	2000	2000	2005	2004	2005	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	131485.44		84606.48			
ANNUAL MEAN	359		232		289	
HIGHEST ANNUAL MEAN					416	2002
LOWEST ANNUAL MEAN					131	2000
HIGHEST DAILY MEAN	6200	Jun 25	5440	Nov 24	13200	Jan 23 1999
LOWEST DAILY MEAN	0.69	Oct 7	0.69	Oct 7	0.000	Aug 30 2000
ANNUAL SEVEN-DAY MINIMUM	0.76	Oct 2	0.76	Oct 2	0.00	Aug 30 2000
MAXIMUM PEAK FLOW			7320	Nov 24	15900	Jan 23 1999
MAXIMUM PEAK STAGE			27.77	Nov 24	31.36	Jan 23 1999
ANNUAL RUNOFF (CFSM)	2.25		1.45		1.80	
ANNUAL RUNOFF (INCHES)	30.57		19.67		24.52	
10 PERCENT EXCEEDS	988		554		619	
50 PERCENT EXCEEDS	40		29		29	
90 PERCENT EXCEEDS	2.0		1.8		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 2004 TO SEPTEMBER 2005

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					JAN				
07...	1320	.69	59	.11	08...	1100	4060	324	3550
28...	1300	6.9	62	1.2	08...	1500	3010	264	2150
NOV					08...	1900	2470	234	1560
18...	1610	3.4	51	.47	13...	1315	2350	1230	7800
23...	2300	2560	2250	15600	13...	1345	2480	992	6640
24...	0245	6950	2680	50300	13...	1730	2830	542	4140
24...	0645	7280	1560	30700	13...	2130	2490	396	2660
24...	1045	6650	873	15700	13...	2245	2320	357	2240
24...	1445	5260	552	7840	24...	1610	36	40	3.9
24...	1845	3520	392	3730	FEB				
24...	2245	2600	320	2250	15...	1750	221	72	43
30...	1230	2450	1160	7670	MAR				
30...	1615	3330	1030	9260	08...	1400	719	136	264
30...	2015	3070	274	2270	30...	1810	53	40	5.7
DEC					APR				
01...	0015	2460	502	3330	06...	1445	2630	1570	11100
06...	2200	2470	524	3490	06...	1830	5670	2280	34900
07...	0145	2920	340	2680	06...	2230	4800	1240	16100
07...	0545	6660	1950	35100	07...	0230	3690	858	8550
07...	0945	7160	1640	31700	07...	0630	2760	754	5620
07...	1345	6530	739	13000	07...	2245	2470	1650	11000
07...	1745	5250	391	5540	08...	0230	2680	931	6740
07...	2145	3730	284	2860	11...	2215	2490	2270	15300
08...	0145	3040	267	2190	12...	0200	3700	1020	10200
08...	0545	2620	240	1700	12...	0600	3310	1060	9470
09...	0715	2640	836	5960	12...	1000	2680	64	463
09...	1100	4740	726	9290	22...	1140	27	41	3.0
09...	1500	4090	446	4930	MAY				
09...	1900	3070	294	2440	11...	1540	8.2	43	.95
09...	2300	2400	191	1240	JUN				
09...	2330	2340	170	1070	02...	1215	29	86	6.7
14...	1430	85	42	9.6	22...	1610	2.9	43	.34
22...	2130	2510	1330	9010	JUL				
23...	0115	5680	990	15200	11...	1450	46	143	18
23...	0515	4720	--o	--	AUG				
23...	0915	3280	--o	--	04...	0913	.75	53	.11
23...	1315	2380	--o	--	26...	0945	51	154	21
JAN					29...	2300	2570	5450	37800
06...	1700	43	47	5.5	30...	0245	5420	3710	54400
07...	1915	2660	1240	8910	30...	0645	4670	2720	34300
07...	2300	6610	1450	25900	30...	1045	3380	1860	17000
08...	0300	6610	991	17700	SEP				
08...	0700	5620	518	7860	15...	0855	1.5	30	.12

Null value qualifier codes:
o -- Insufficient amount of water

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: October 1-8. Records good except for estimated daily discharges, which are poor. Discharge computed by combining the flow of individually rated Yalobusha River and Topashaw Creek Canal. Channel rectification of both Yalobusha River and Topashaw Creek was completed in 1967. U. S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Nov. 24	0500	*14,300	21.82	Jan. 8	0000	13,400	21.59
Dec. 7	0800	14,000	[a]*21.84	Aug. 30	0300	11,700	20.74

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5.2	18	2470	120	94	583	133	151	87	58	30	430
2	e5.1	18	841	113	1420	300	364	80	79	58	31	159
3	e5.2	42	324	103	1140	262	134	65	63	56	30	86
4	e5.0	44	161	94	454	230	81	60	55	56	28	58
5	e5.0	25	143	88	254	184	70	56	50	66	26	42
6	e4.9	19	3160	89	173	146	2770	54	102	84	26	34
7	e4.9	17	9440	2390	225	526	3890	53	103	79	28	29
8	e5.1	15	3770	7290	829	1260	2600	51	65	69	28	26
9	6.9	14	5240	2390	435	555	841	51	60	71	25	23
10	8.1	14	2600	826	273	861	350	53	609	66	24	22
11	10	14	953	442	171	440	690	51	134	109	22	21
12	13	18	459	294	143	251	4170	49	235	121	22	20
13	12	16	292	2680	315	170	1280	48	148	106	25	20
14	9.9	15	194	2070	1100	670	427	51	89	82	22	20
15	9.1	14	145	710	490	335	200	57	74	76	20	19
16	8.7	14	124	355	266	193	114	52	68	75	20	19
17	8.6	14	112	225	181	152	92	47	65	74	18	20
18	9.2	14	102	174	139	123	82	46	62	83	25	19
19	9.9	14	94	154	117	106	75	45	59	71	22	18
20	13	14	82	139	277	104	68	44	58	66	19	17
21	13	16	78	127	1180	96	64	43	57	114	18	17
22	13	150	850	117	744	230	60	41	55	72	34	16
23	192	850	5150	97	623	341	55	41	54	56	43	16
24	788	10000	1650	88	1560	173	52	40	53	47	48	16
25	72	2990	660	87	584	118	47	39	53	42	28	758
26	28	951	369	87	316	96	49	38	54	39	29	968
27	20	1330	263	79	395	132	53	37	55	37	29	127
28	26	1090	199	74	1340	149	53	38	58	35	22	39
29	25	349	171	109	---	102	53	148	60	34	415	22
30	18	3320	148	116	---	81	360	161	61	32	5630	16
31	17	---	132	100	---	71	---	72	---	31	1340	---
TOTAL	1370.8	21419	40376	21827	15238	9040	19277	1862	2825	2065	8127	3097
MEAN	44.2	714	1302	704	544	292	643	60.1	94.2	66.6	262	103
MAX	788	10000	9440	7290	1560	1260	4170	161	609	121	5630	968
MIN	4.9	14	78	74	94	71	47	37	50	31	18	16
CFSM	0.15	2.42	4.42	2.39	1.84	0.99	2.18	0.20	0.32	0.23	0.89	0.35
IN.	0.17	2.70	5.09	2.75	1.92	1.14	2.43	0.23	0.36	0.26	1.02	0.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	55.1	287	647	731	854	965	810	468	263	112	58.4	76.6
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	215593.4		146523.8			
ANNUAL MEAN	589		401		442	
HIGHEST ANNUAL MEAN					1171	1991
LOWEST ANNUAL MEAN					78.6	1986
HIGHEST DAILY MEAN	10000	Nov 24	10000	Nov 24	50800	Dec 26 1982
LOWEST DAILY MEAN	4.9	Oct 6	4.9	Oct 6	0.00	Jul 25 1952
ANNUAL SEVEN-DAY MINIMUM	5.0	Oct 2	5.0	Oct 2	0.00	Aug 28 1952
MAXIMUM PEAK FLOW			14300	Nov 24	70100	Dec 26 1982
MAXIMUM PEAK STAGE			21.84	Dec 7	25.75[b]	Dec 26 1982
ANNUAL RUNOFF (CFSM)	2.00		1.36		1.50	
ANNUAL RUNOFF (INCHES)	27.19		18.48		20.34	
10 PERCENT EXCEEDS	1590		854		953	
50 PERCENT EXCEEDS	86		74		45	
90 PERCENT EXCEEDS	8.2		16		2.4	

e Estimated
a From Crest-stage gage mark.
b 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: Dec. 29 - Jan. 5, Jan. 26-27 and Mar. 16-23. 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)
Dec. 7	0530	4,210	21.32	Aug. 29	2330	*4,580	*22.70

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	3.7	182	e20	17	81	51	8.7	6.1	0.78	0.73	4.5
2	1.1	3.1	65	e18	263	54	42	6.6	3.9	0.77	0.81	3.2
3	1.0	35	38	e17	118	49	23	5.8	3.1	0.64	0.70	2.5
4	1.0	7.9	26	e16	59	38	19	5.5	2.4	1.7	0.61	2.1
5	1.0	4.1	31	e16	38	31	16	5.1	2.1	5.6	0.67	1.7
6	1.0	3.2	624	17	30	26	309	4.9	2.8	2.0	1.4	1.5
7	1.1	2.8	1370	600	130	68	245	4.9	2.4	1.1	3.2	1.4
8	1.2	2.4	163	380	172	103	200	4.5	1.8	3.1	0.81	1.3
9	1.7	2.2	922	107	87	72	76	4.9	1.6	1.5	0.74	1.4
10	2.7	2.1	179	70	54	79	42	5.2	1.6	1.1	0.71	1.2
11	3.9	4.1	92	56	35	46	153	4.5	1.6	17	0.85	1.1
12	8.8	4.9	64	44	31	33	590	4.1	4.2	2.6	0.86	0.99
13	2.0	2.7	45	838	50	28	103	3.8	2.2	1.5	0.77	0.98
14	1.5	2.2	33	205	148	26	56	3.9	1.5	1.4	0.68	0.98
15	1.3	2.0	28	98	63	21	34	4.8	1.3	4.3	0.61	0.95
16	1.2	1.9	26	69	42	e20	24	3.7	1.1	1.7	0.54	1.0
17	1.2	1.8	24	53	29	e22	19	3.2	1.0	1.3	1.0	1.1
18	1.3	1.9	22	43	24	e18	15	3.1	1.0	1.4	1.1	0.99
19	3.8	2.3	20	39	22	e18	13	3.0	1.2	1.2	0.69	0.92
20	3.3	2.2	17	34	94	e18	11	2.6	0.93	6.6	0.69	0.91
21	1.9	4.3	17	30	157	e16	9.6	2.2	0.86	2.9	1.8	0.91
22	1.7	136	315	25	67	e50	8.8	2.2	0.77	1.3	0.98	0.91
23	381	212	408	20	200	e42	7.4	2.3	0.74	1.00	0.77	0.93
24	71	1230	96	21	200	28	7.1	2.0	0.76	0.82	0.85	1.0
25	6.6	72	64	20	80	23	9.9	1.9	0.70	0.73	0.70	482
26	4.2	31	47	e18	54	20	8.4	1.6	0.75	0.66	0.65	78
27	3.6	276	35	e15	128	33	7.3	1.6	0.90	0.63	0.60	4.4
28	19	87	31	16	187	27	6.4	1.7	0.90	0.62	0.59	2.4
29	5.0	33	e28	28	---	20	8.7	28	1.3	0.62	603	1.7
30	3.5	696	e25	21	---	18	27	8.3	0.88	0.62	652	1.3
31	3.1	---	e22	19	---	16	---	3.9	---	0.60	11	---
TOTAL	541.7	2869.8	5059	2973	2579	1144	2141.6	148.5	52.39	67.79	1291.11	604.27
MEAN	17.5	95.7	163	95.9	92.1	36.9	71.4	4.79	1.75	2.19	41.6	20.1
MAX	381	1230	1370	838	263	103	590	28	6.1	17	652	482
MIN	1.0	1.8	17	15	17	16	6.4	1.6	0.70	0.60	0.54	0.91
MED	1.9	3.9	38	28	65	28	21	3.9	1.3	1.3	0.77	1.3
CFSM	0.42	2.27	3.88	2.28	2.19	0.88	1.70	0.11	0.04	0.05	0.99	0.48
IN.	0.48	2.54	4.47	2.63	2.28	1.01	1.89	0.13	0.05	0.06	1.14	0.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	13.0	50.8	92.2	118	124	109	98.6	57.3	52.6	14.6	11.5	18.0
MAX	36.1	103	163	231	251	219	243	243	132	28.8	41.6	111
(WY)	2003	2003	2005	1999	2003	2002	2000	2003	2004	2003	2005	2002
MIN	0.16	1.32	3.81	14.6	13.7	36.9	27.3	2.73	1.75	0.48	0.10	0.16
(WY)	2001	2000	2000	2000	2000	2005	2004	2000	2005	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	28182.33		19472.16			
ANNUAL MEAN	77.0		53.3		63.3	
HIGHEST ANNUAL MEAN					92.7	2003
LOWEST ANNUAL MEAN					27.5	2000
HIGHEST DAILY MEAN	2010	Feb 5	1370	Dec 7	2940	Apr 2 2000
LOWEST DAILY MEAN	0.97	Sep 12	0.54	Aug 16	0.000	Aug 17 2000
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 24	0.64	Jul 25	0.00	Aug 17 2000
MAXIMUM PEAK FLOW			4580	Aug 29	7680	Jun 27 1999
MAXIMUM PEAK STAGE			22.70	Aug 29	34.52	Jun 27 1999
INSTANTANEOUS LOW FLOW			0.45	Aug 16		
ANNUAL RUNOFF (CFSM)	1.83		1.27		1.50	
ANNUAL RUNOFF (INCHES)	24.90		17.21		20.43	
10 PERCENT EXCEEDS	163		111		114	
50 PERCENT EXCEEDS	14		5.2		8.2	
90 PERCENT EXCEEDS	1.4		0.85		0.73	

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 2004 TO SEPTEMBER 2005

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				
07...	1105	1.1	44	.13	15...	1420	60	61	9.9
23...	2000	2550	2370	16300	MAR				
23...	2045	2730	1560	11500	08...	1150	88	60	14
27...	1415	3.4	45	.41	30...	1335	19	39	2.0
NOV					APR				
18...	1225	2.0	47	.25	22...	1320	9.0	36	.87
24...	0030	2470	914	6100	MAY				
24...	0115	3040	1250	10300	11...	1020	4.4	51	.61
24...	0215	3540	985	9410	JUN				
24...	0315	3460	958	8950	02...	1430	3.9	51	.54
24...	0415	3260	749	6590	23...	0910	.81	46	.10
24...	0515	2980	624	5020	JUL				
24...	0615	2530	504	3440	11...	1255	11	112	3.3
DEC					AUG				
07...	0345	2450	1110	7340	03...	1405	.69	53	.10
07...	0430	3700	1420	14200	26...	1115	.75	37	.07
07...	0530	4210	1320	15000	29...	2115	2740	1380	10200
07...	0630	3910	1070	11300	29...	2200	3760	1640	16600
07...	0730	3310	787	7030	29...	2300	4520	1660	20200
07...	0830	2490	482	3240	30...	0000	4500	1550	18900
09...	0630	2520	646	4400	30...	0100	4050	1240	13600
09...	0715	2650	577	4130	30...	0200	3320	892	8000
09...	0815	2470	450	3000	SEP				
14...	1225	32	40	3.5	15...	1230	1.0	37	.10
JAN					25...	1845	2420	1320	8630
06...	1340	17	32	1.5	25...	1930	2660	1250	8960
07...	2015	2470	789	5260					
24...	1300	21	31	1.8					

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: Oct. 1-10, 12-19, 21,22,25-28, 30,31, Nov. 1,2,4-10, Dec. 2, Apr. 28,29, Aug. 27,29 and Spet. 1,2,5, 8-12. 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)
Dec. 7	0700	4,510	21.53	Aug. 30	0115	*4,910	*22.50
Jan. 7	2230	4,280	20.94				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.2	e3.8	224	29	37	110	70	28	30	1.8	1.2	e35
2	e1.2	e3.6	e79	27	325	78	65	18	16	1.6	1.5	e21
3	e1.1	50	53	25	153	75	40	15	10	1.2	1.3	10
4	e1.1	e25	41	24	84	67	34	13	6.9	3.9	1.1	6.6
5	e1.0	e10	48	23	67	60	29	12	5.4	14	1.2	e4.9
6	e1.1	e6.3	662	27	59	54	384	9.7	7.2	9.3	0.99	3.9
7	e1.2	e5.9	1780	874	142	116	284	10	6.1	2.7	7.2	3.3
8	e1.4	e4.3	187	774	225	157	240	9.0	4.5	5.3	1.5	e2.8
9	e1.7	e3.8	1080	138	119	98	93	9.7	3.7	4.1	1.2	e2.7
10	e3.3	e3.6	204	88	83	110	63	11	3.6	2.2	1.3	e2.4
11	17	6.8	102	73	68	73	186	8.5	3.5	43	1.2	e2.1
12	e26	20	73	62	64	61	775	7.0	15	12	1.4	e1.9
13	e4.0	8.7	55	991	98	54	136	6.4	7.4	4.7	1.0	2.0
14	e2.4	6.4	46	258	188	52	78	6.7	4.2	4.3	0.98	1.8
15	e1.7	5.5	43	108	98	46	57	8.5	3.2	20	0.87	1.8
16	e1.3	5.0	41	77	77	45	45	6.5	2.7	6.6	0.78	2.0
17	e1.2	4.9	38	62	65	48	38	5.2	2.4	4.1	0.69	2.0
18	e1.1	5.1	36	56	58	42	32	4.9	2.2	19	1.8	1.9
19	e2.1	5.9	36	53	54	43	28	4.7	2.5	4.0	1.1	1.7
20	16	5.3	33	49	132	43	24	4.4	2.1	13	0.93	1.5
21	e2.9	11	29	44	226	40	22	3.8	1.9	26	2.4	1.5
22	e2.3	154	259	41	101	80	20	3.5	1.8	4.8	2.0	1.4
23	435	238	605	34	234	67	17	3.6	1.7	3.1	1.5	1.3
24	215	1650	116	35	282	48	15	3.3	1.6	2.3	1.4	1.2
25	e38	120	77	34	113	41	14	2.9	1.6	1.8	1.4	531
26	e20	66	62	33	81	36	19	2.8	1.6	1.5	1.1	208
27	e7.5	321	50	29	158	48	22	2.6	1.7	1.4	e1.0	36
28	e34	120	44	29	245	44	e21	3.1	1.9	1.3	0.99	17
29	4.9	58	40	51	---	36	e20	75	3.9	1.3	e441	9.0
30	e3.8	741	36	42	---	31	59	41	2.2	1.3	1200	7.0
31	e3.6	---	31	38	---	28	---	17	---	1.3	68	---
TOTAL	854.1	3668.9	6210	4228	3636	1931	2930	356.8	158.5	222.9	1750.03	924.7
MEAN	27.6	122	200	136	130	62.3	97.7	11.5	5.28	7.19	56.5	30.8
MAX	435	1650	1780	991	325	157	775	75	30	43	1200	531
MIN	1.0	3.6	29	23	37	28	14	2.6	1.6	1.2	0.69	1.2
MED	2.4	7.7	53	44	100	52	39	7.0	3.4	4.0	1.2	2.5
CFSM	0.44	1.94	3.18	2.16	2.06	0.99	1.55	0.18	0.08	0.11	0.90	0.49
IN.	0.50	2.17	3.67	2.50	2.15	1.14	1.73	0.21	0.09	0.13	1.03	0.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	18.2	79.1	142	189	172	160	153	89.3	83.7	23.8	19.2	32.4
MAX	44.8	144	297	377	347	308	391	393	203	51.4	56.5	196
(WY)	2003	2003	2002	1999	2003	2002	2000	2003	1999	2003	2005	2002
MIN	0.36	3.32	7.57	20.6	20.0	62.3	45.4	7.07	5.28	1.11	0.44	0.31
(WY)	2001	2000	2000	2000	2000	2005	2004	2000	2005	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	38370.4		26870.93			
ANNUAL MEAN	105		73.6		97.2	
HIGHEST ANNUAL MEAN					143	2003
LOWEST ANNUAL MEAN					45.7	2000
HIGHEST DAILY MEAN	2550	Feb 5	1780	Dec 7	5070	Jan 24 2002
LOWEST DAILY MEAN	1.0	Oct 5	0.69	Aug 17	0.000	Aug 22 2000
ANNUAL SEVEN-DAY MINIMUM	1.1	Oct 1	0.99	Aug 11	0.00	Aug 22 2000
MAXIMUM PEAK FLOW			4910	Aug 30	11000	Jun 27 1999
MAXIMUM PEAK STAGE			22.50	Aug 30	31.14	Jun 27 1999
INSTANTANEOUS LOW FLOW			0.63	Aug 17		
ANNUAL RUNOFF (CFSM)	1.66		1.17		1.54	
ANNUAL RUNOFF (INCHES)	22.66		15.87		20.97	
10 PERCENT EXCEEDS	213		155		158	
50 PERCENT EXCEEDS	28		18		16	
90 PERCENT EXCEEDS	2.0		1.4		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 2004 TO SEPTEMBER 2005

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					JAN				
07...	1200	1.1	34	.10	13...	0900	1270	2650	9090
23...	2030	1440	4120	16000	13...	1145	2040	2830	15600
23...	2300	1790	5600	27100	13...	1445	1880	1610	8170
27...	1555	7.2	41	.80	13...	1745	1470	779	3090
NOV					24...	1410	34	38	3.5
18...	1335	4.5	43	.52	FEB				
23...	2300	1390	2650	9950	15...	1535	91	121	30
24...	0145	3230	2490	21700	MAR				
24...	0445	3900	3730	39300	08...	1245	121	148	48
24...	0745	2970	1870	15000	30...	1445	30	48	3.9
24...	1045	1370	1460	5400	APR				
30...	0730	1310	1830	6470	12...	0115	1230	1900	6310
30...	1000	1360	1460	5360	12...	0400	1520	1640	6730
DEC					12...	0700	1200	1460	4730
06...	2330	1410	1480	5630	22...	1305	20	42	2.3
07...	0200	1680	1290	5850	MAY				
07...	0500	3470	2680	25100	11...	1135	8.4	35	.79
07...	0800	4230	6110	69800	JUN				
07...	1100	2340	3620	22900	02...	1345	16	55	2.4
09...	0545	1380	1310	4880	23...	1105	1.7	41	.19
09...	0830	2750	2460	18300	JUL				
09...	1130	1960	2270	12000	11...	1320	52	208	29
14...	1315	44	54	6.4	AUG				
22...	2145	1250	1530	5160	04...	1125	1.1	49	.15
23...	0030	2200	2100	12500	26...	1045	.97	28	.07
23...	0330	1310	610	2160	29...	2100	1340	1860	6730
JAN					29...	2345	4430	2460	29400
06...	1435	26	54	3.8	30...	0245	4330	4070	47600
07...	1830	1360	1420	5210	30...	0545	1860	1870	9390
07...	2115	3880	2410	25200	SEP				
08...	0015	3580	2800	27100	15...	1115	1.8	34	.17
08...	0330	1510	1360	5540	25...	1915	1290	2330	8110
					25...	2200	1860	3130	15700

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 279 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Oct. 1-7, 9-23, 30,31, Nov. 1-5, 7-24, Dec. 6,7,9, Jan. 7,8,25, Mar. 31, Apr. 1-5, and Aug. 29,30. 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)
Dec. 7	0630	2,140	19.63	Aug. 30	0100	*2,530	*20.95
Jan. 7	2215	2,480	20.79				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.14	e0.62	54	8.7	14	30	e19	5.7	13	0.13	0.040	1.8
2	e0.12	e0.57	19	8.1	111	21	e16	3.2	3.6	0.11	0.054	1.0
3	e0.12	e20	10	7.2	51	22	e9.5	2.4	1.4	0.10	0.035	0.68
4	e0.12	e1.8	5.9	6.7	32	18	e7.5	1.9	0.62	0.14	0.028	0.46
5	e0.12	e0.85	14	6.1	24	15	6.6	1.7	0.40	4.8	0.027	0.28
6	e0.10	0.57	256	6.5	20	12	145	1.4	30	0.98	0.029	0.31
7	e0.090	e0.48	e694	e506	42	97	97	1.4	3.6	0.21	0.031	0.28
8	0.088	e0.44	45	e280	52	69	81	1.3	1.2	0.13	0.027	0.26
9	e0.24	e0.41	e397	43	34	43	34	1.3	0.85	0.15	0.030	0.22
10	e0.41	e0.37	53	30	24	42	22	1.6	1.8	0.17	0.035	0.21
11	e0.67	e0.62	28	24	19	23	92	1.2	0.99	8.2	0.046	0.19
12	e1.4	e1.0	20	20	17	15	233	0.96	8.8	0.40	9.6	0.17
13	e0.28	e0.53	14	470	41	11	45	0.86	1.4	0.22	0.94	0.17
14	e0.19	e0.41	9.2	66	49	20	31	1.1	0.76	0.29	0.099	0.15
15	e0.16	e0.37	7.5	35	27	12	24	1.4	0.54	0.42	0.046	0.12
16	e0.14	e0.37	6.8	26	20	10	18	0.81	0.41	0.20	0.031	0.18
17	e0.14	e0.37	6.1	21	15	9.8	15	0.60	0.34	0.14	0.11	0.23
18	e0.16	e0.41	5.4	18	13	8.1	13	0.57	0.33	0.29	0.081	0.14
19	e0.41	e0.48	4.3	17	12	8.3	10	0.56	0.29	0.16	0.030	0.11
20	e0.53	e0.48	3.2	16	56	8.3	8.5	0.64	0.27	0.96	0.020	0.10
21	e0.26	e0.92	3.6	15	72	7.9	7.9	0.45	0.24	0.83	0.017	0.098
22	e0.24	e45	180	13	34	26	6.5	0.47	0.23	0.17	1.8	0.10
23	e111	e109	241	10	89	18	4.8	0.37	0.21	0.11	0.24	0.10
24	41	e688	35	10	76	11	4.0	0.33	0.19	0.079	0.059	0.11
25	3.1	29	25	e11	35	9.6	3.6	0.26	0.17	0.066	0.034	205
26	1.3	13	20	11	25	8.4	5.3	0.22	0.18	0.059	0.085	37
27	0.92	101	16	10	53	13	4.2	0.21	0.26	0.052	0.035	1.0
28	10	28	16	11	62	11	3.0	0.32	0.20	0.045	0.021	0.34
29	2.3	12	13	19	---	8.3	2.7	40	0.16	0.044	e242	0.21
30	e0.62	235	11	16	---	7.6	18	8.2	0.14	0.038	e519	0.16
31	e0.57	---	9.7	15	---	e7.2	---	2.3	---	0.032	7.4	---
TOTAL	176.938	1292.07	2222.7	1756.3	1119	622.5	987.1	83.73	72.58	19.725	782.030	251.178
MEAN	5.71	43.1	71.7	56.7	40.0	20.1	32.9	2.70	2.42	0.64	25.2	8.37
MAX	111	688	694	506	111	97	233	40	30	8.2	519	205
MIN	0.088	0.37	3.2	6.1	12	7.2	2.7	0.21	0.14	0.032	0.017	0.098
MED	0.26	0.62	16	16	34	12	14	1.1	0.41	0.15	0.040	0.21
CFSM	0.28	2.10	3.50	2.76	1.95	0.98	1.61	0.13	0.12	0.03	1.23	0.41
IN.	0.32	2.34	4.03	3.19	2.03	1.13	1.79	0.15	0.13	0.04	1.42	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	6.67	37.0	47.5	61.7	62.9	54.3	64.9	42.7	25.2	8.68	6.20	20.4
MAX	20.9	69.4	116	130	124	119	155	187	73.5	27.7	25.2	124
(WY)	2002	2002	2002	2001	2003	2002	2000	2003	2004	2003	2005	2002
MIN	0.00	0.10	1.87	4.64	4.09	20.1	21.9	0.75	2.42	0.05	0.01	0.00
(WY)	2001	2000	2000	2000	2000	2005	2004	2000	2005	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	13461.750		9385.851			
ANNUAL MEAN	36.8		25.7		36.7	
HIGHEST ANNUAL MEAN					56.7	2002
LOWEST ANNUAL MEAN					16.8	2000
HIGHEST DAILY MEAN	837	Feb 5	694	Dec 7	3130	Sep 26 2002
LOWEST DAILY MEAN	0.020	Sep 14	0.017	Aug 21	0.000	Aug 21 2000
ANNUAL SEVEN-DAY MINIMUM	0.04	Sep 10	0.03	Aug 3	0.00	Aug 21 2000
MAXIMUM PEAK FLOW			2530	Aug 30	6510	Sep 26 2002
MAXIMUM PEAK STAGE			20.95	Aug 30	29.18	Jun 27 1999
ANNUAL RUNOFF (CFSM)	1.79		1.25		1.79	
ANNUAL RUNOFF (INCHES)	24.43		17.03		24.32	
10 PERCENT EXCEEDS	72		47		51	
50 PERCENT EXCEEDS	6.1		2.4		3.1	
90 PERCENT EXCEEDS	0.25		0.10		0.05	

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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
07...	1220	--	65	--
23...	1945	E365	3010	--
23...	2130	E1290	1830	--
23...	2330	E498	1870	--
28...	1200	12	528	18
NOV				
18...	1435	23	69	4.3
23...	2200	E361	2360	--
23...	2345	E1160	1570	--
24...	0145	E1560	1930	--
24...	0345	E1850	1280	--
24...	0545	E1700	1070	--
24...	0745	E1210	807	--
24...	0945	E645	664	--
24...	1145	E307	504	--
27...	1100	318	760	653
30...	0600	310	827	692
30...	0745	547	689	1020
30...	0945	477	550	708
30...	1145	332	388	348
DEC				
06...	0115	373	699	704
06...	0300	489	575	759
06...	0500	381	529	544
06...	2030	E309	369	--
06...	2215	E403	389	--
07...	0015	E517	380	--
07...	0215	E539	375	--
07...	0415	E1130	620	--
07...	0615	E2120	1960	--
07...	0815	E1820	1650	--
07...	1015	E1120	831	--
07...	1215	E548	537	--
09...	0445	E342	571	--
09...	0630	E883	660	--
09...	0830	E1170	846	--
09...	1030	E878	710	--
09...	1230	E542	520	--
09...	1430	E320	332	--
14...	1345	8.8	46	1.1
22...	2100	355	1720	1650
22...	2245	1670	1250	5640
23...	0045	1500	1500	6080
23...	0245	568	852	1310
JAN				
06...	1620	6.6	47	.83
07...	1715	E337	2100	--
07...	1900	E1040	1400	--
07...	2100	E2130	2260	--
07...	2300	E2260	2410	--
08...	0100	E1300	1680	--
08...	0300	E643	985	--
08...	0500	E332	567	--
13...	0815	370	1970	1970
13...	1000	1300	1460	5120
13...	1200	1210	1110	3630
13...	1400	1000	759	2050
13...	1600	817	536	1180
13...	1800	469	460	582
24...	1510	11	33	.98
FEB				
15...	1635	26	61	4.2
MAR				
08...	1320	52	157	22
30...	1605	7.4	64	1.3
APR				
22...	1240	6.7	50	.90
MAY				
12...	0850	.93	98	.25
JUN				
02...	1245	3.7	86	.86
23...	1445	.22	79	.05
JUL				
11...	1340	5.8	182	2.9
AUG				
04...	1025	.04	79	.01
26...	1035	.18	89	.04
29...	2000	330	6690	5960
29...	2145	E1160	3110	--
29...	2345	E2260	2300	--
30...	0145	2380	1720	11100
30...	0345	E1560	1160	--
30...	0545	E693	746	--
SEP				
15...	1005	.11	49	.01
25...	1315	347	4350	4070
25...	1500	444	3040	3650
25...	1915	325	1220	1070
25...	2100	718	635	1230
25...	2300	480	991	1280

Remark codes:
E -- Estimated

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: Dec. 6-7, May 9-31, Jun. 6-9, 12-14, 29-30, Jul. 1-2, 12-19, 22-31, and Aug. 1-3. 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)
Nov. 24	0600	19,300	25.06	Dec. 23	0300	14,300	22.58
Nov. 30	1700	15,700	23.30	Jan. 8	0100	16,400	23.66
Dec. 6	unknown	*30,200	[b]*29.31	Apr. 6	2000	15,900	23.44
Dec. 9	1200	15,200	23.06	Aug. 30	0500	13,200	21.96

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	37	2800	95	118	443	149	259	28	e28	e15	75
2	11	71	536	94	842	278	274	111	27	e23	e16	33
3	12	145	312	85	670	236	177	78	26	20	e15	21
4	12	168	219	82	294	212	141	60	23	18	13	16
5	12	90	254	80	193	193	131	51	20	17	14	13
6	12	55	e16100	82	143	197	5370	45	e80	17	13	11
7	12	43	e9060	2790	133	257	4430	40	e92	18	35	9.8
8	12	33	1450	6520	370	734	1820	36	e58	18	16	9.1
9	13	29	7600	790	259	440	597	e33	e31	18	13	8.6
10	16	27	1490	389	165	1080	359	e30	446	17	12	8.1
11	21	24	518	293	113	452	944	e27	83	27	11	7.8
12	21	20	343	244	93	301	4770	e25	e185	e44	11	7.5
13	18	19	262	2110	137	242	587	e22	e146	e33	11	7.2
14	16	18	188	1110	419	254	307	e80	e73	e24	10	7.0
15	15	17	148	346	207	211	206	e72	53	e20	9.7	6.9
16	13	16	131	234	131	189	162	e51	42	e22	9.1	7.3
17	13	15	120	172	91	190	138	e38	35	e26	9.5	9.4
18	14	15	111	137	74	169	110	e32	29	e24	9.1	9.3
19	17	15	88	122	64	156	94	e27	26	e22	8.7	7.9
20	30	16	69	112	307	159	78	e24	24	41	8.4	7.0
21	26	17	67	105	1710	151	64	e22	22	185	8.3	6.6
22	22	58	984	97	762	209	59	e21	21	e116	8.5	6.5
23	124	2070	6650	82	433	274	62	e20	21	e78	8.4	6.5
24	574	11500	752	74	1270	194	54	e19	19	e49	9.6	6.2
25	100	993	340	77	400	166	46	e18	18	e26	9.2	147
26	42	356	250	78	256	146	41	e17	18	e19	8.7	480
27	29	1210	195	75	294	212	40	e16	18	e18	8.2	50
28	1200	772	158	67	1170	235	38	e15	21	e17	7.8	19
29	520	280	136	104	---	174	35	e46	e60	e16	297	14
30	57	8030	123	143	---	142	899	e42	e36	e15	6610	11
31	22	---	108	129	---	131	---	e30	---	e14	332	---
TOTAL	3017	26159	51562	16918	11118	8427	22182	1407	1781	1030	7567.2	1028.7
MEAN	97.3	872	1663	546	397	272	739	45.4	59.4	33.2	244	34.3
MAX	1200	11500	16100	6520	1710	1080	5370	259	446	185	6610	480
MIN	11	15	67	67	64	131	35	15	18	14	7.8	6.2
CFSM	0.38	3.43	6.55	2.15	1.56	1.07	2.91	0.18	0.23	0.13	0.96	0.14
IN.	0.44	3.83	7.55	2.48	1.63	1.23	3.25	0.21	0.26	0.15	1.11	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 2005, BY WATER YEAR (WY)

MEAN	59.5	266	530	624	757	830	637	382	234	95.9	66.8	82.2
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1948 - 2005	
ANNUAL TOTAL	223808		152196.9			
ANNUAL MEAN	611		417		378	
HIGHEST ANNUAL MEAN					767	1991
LOWEST ANNUAL MEAN					74.6	1981
HIGHEST DAILY MEAN	16100	Dec 6	16100	Dec 6	35100	Dec 26 1982
LOWEST DAILY MEAN	10	Sep 25	6.2	Sep 24	1.0	Aug 18 1954
ANNUAL SEVEN-DAY MINIMUM	11	Sep 23	7.1	Sep 18	1.1	Aug 14 1954
MAXIMUM PEAK FLOW			30200	Dec 6	61400	Mar 21 1955
MAXIMUM PEAK STAGE			29.31b	Dec 6	34.41a	Mar 21 1955
ANNUAL RUNOFF (CFSM)	2.41		1.64		1.49	
ANNUAL RUNOFF (INCHES)	32.78		22.29		20.24	
10 PERCENT EXCEEDS	1010		626		735	
50 PERCENT EXCEEDS	112		60		47	
90 PERCENT EXCEEDS	14		11		7.1	

e Estimated
a To present datum.
b From Flood mark.

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3710	1960	2240	5490	5710	5360	966	566	453	306	197	296
2	3640	2140	1440	5460	7290	5190	756	484	431	308	50	836
3	3580	2150	3100	5460	6610	5130	690	453	420	298	50	2260
4	3490	2060	3940	5540	5960	5020	572	439	409	300	45	3170
5	3430	1900	3980	5760	5810	4540	390	496	398	294	43	3460
6	3350	1830	5550	5790	5740	3710	4020	484	392	382	104	3430
7	3290	1780	8710	7130	5820	3420	4380	478	384	330	124	3410
8	3230	2340	2080	7070	6500	3920	1860	472	393	301	56	3380
9	3180	2790	6150	1390	5940	3310	897	478	461	313	46	3360
10	3130	2710	2290	1940	5700	3300	644	480	625	347	49	3340
11	2120	2640	2390	3610	5610	3180	1160	472	465	390	53	3320
12	2340	2570	3900	5210	5660	3070	4570	464	476	387	161	3290
13	2530	2500	4470	6520	5600	3050	1100	454	463	299	239	3260
14	2460	2440	5020	6790	6000	3610	738	455	421	408	325	3240
15	2400	2370	5740	5970	5730	3160	916	662	407	785	318	3210
16	2350	2600	5610	5830	5500	3000	1350	483	398	677	316	3180
17	2320	2790	5580	5780	5360	2920	1310	453	391	378	324	3160
18	2270	2720	5520	5700	5210	2830	1260	442	391	367	371	3120
19	2260	2670	5580	5600	5120	2780	1020	430	394	335	333	3080
20	2260	2590	5500	5630	5120	2770	550	422	391	520	324	3040
21	2180	2610	5450	5600	5720	2690	442	419	385	461	348	3010
22	2120	2570	6460	5440	5350	3180	436	418	379	350	564	2950
23	2270	2220	5480	5530	5290	2820	419	414	364	333	376	2220
24	2540	9700	2000	5480	6250	2520	397	410	359	326	388	1190
25	2240	1840	2690	5670	5580	2430	389	399	315	316	955	1420
26	2230	813	2560	5860	5520	2390	406	391	311	303	1950	421
27	2100	1290	2470	5810	5380	2520	416	390	318	300	2210	1020
28	2050	1030	3460	5790	5500	2460	392	398	318	308	1990	2280
29	2020	1940	4990	5930	---	2120	387	878	332	313	1650	3050
30	1980	6570	5380	5850	---	1780	939	908	310	310	4400	3240
31	1970	---	5460	5760	---	1420	---	508	---	315	499	---
TOTAL	81040	78133	135190	170390	160580	99600	33772	15100	11954	11360	18858	79643
MEAN	2614	2604	4361	5496	5735	3213	1126	487	398	366	608	2655
MAX	3710	9700	8710	7130	7290	5360	4570	908	625	785	4400	3460
MIN	1970	813	1440	1390	5120	1420	387	390	310	294	43	296
CFSM	1.69	1.68	2.81	3.55	3.70	2.07	0.73	0.31	0.26	0.24	0.39	1.71
IN.	1.94	1.88	3.24	4.09	3.85	2.39	0.81	0.36	0.29	0.27	0.45	1.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

MEAN	2645	2916	3497	4462	3998	3191	2238	1813	1706	1777	2738	2931
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1989 - 2005	
ANNUAL TOTAL	1125146		895620			
ANNUAL MEAN	3074		2454		2794	
HIGHEST ANNUAL MEAN					4441	1991
LOWEST ANNUAL MEAN					1107	2000
HIGHEST DAILY MEAN	13700	Jun 25	9700	Nov 24	21900	Apr 29 1991
LOWEST DAILY MEAN	277	May 11	43	Aug 5	30	Oct 3 1990
ANNUAL SEVEN-DAY MINIMUM	287	May 6	67	Aug 4	33	Sep 27 1990
MAXIMUM PEAK FLOW			12600	Nov 24	23000	Apr 29 1991
MAXIMUM PEAK STAGE			20.66	Nov 24	27.54a	Apr 29 1991
INSTANTANEOUS LOW FLOW			41	Aug 5		
ANNUAL RUNOFF (CFSM)	1.98		1.58		1.80	
ANNUAL RUNOFF (INCHES)	27.00		21.49		24.49	
10 PERCENT EXCEEDS	5560		5680		5680	
50 PERCENT EXCEEDS	2800		2210		2540	
90 PERCENT EXCEEDS	692		322		328	

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: Sept. 1-14. 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)
Jan. 7	2245	*2,480	*14.67				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	45	324	66	67	66	61	58	48	34	32	e115
2	31	60	132	66	186	62	60	52	47	34	32	e72
3	31	86	93	65	137	60	56	49	46	34	31	e53
4	31	51	80	64	99	59	54	48	44	33	31	e43
5	31	43	76	63	85	58	53	47	44	35	30	e39
6	30	41	149	64	79	57	613	47	44	36	30	e37
7	30	40	1360	587	93	59	545	46	43	35	30	e36
8	31	38	526	1150	178	88	224	46	42	35	30	e35
9	34	37	924	460	117	79	134	46	42	36	30	e34
10	38	36	382	202	93	73	99	46	43	35	30	e34
11	38	36	195	143	82	68	716	45	42	38	31	e33
12	35	36	145	116	76	66	984	45	42	36	32	e33
13	35	36	119	203	75	66	313	46	41	37	32	e34
14	34	36	103	200	119	64	169	46	39	37	31	e33
15	34	35	94	129	90	61	122	47	38	60	31	33
16	34	35	88	107	80	61	94	46	37	46	31	34
17	35	35	85	92	72	60	80	46	37	43	31	33
18	34	35	81	85	67	60	71	47	37	40	31	33
19	35	37	78	80	63	64	66	46	37	37	30	32
20	35	36	75	78	65	65	62	46	37	37	30	32
21	33	66	73	76	67	63	60	45	35	36	30	32
22	34	131	98	74	66	98	58	45	35	34	31	31
23	80	134	269	71	78	96	55	44	35	33	33	31
24	83	900	138	70	189	74	54	43	35	34	41	32
25	51	257	102	69	104	66	53	42	34	34	33	181
26	45	119	85	68	83	63	54	42	34	34	31	85
27	40	122	77	66	75	90	53	42	34	32	31	52
28	38	102	73	69	72	85	51	44	34	33	31	43
29	38	82	69	70	---	72	50	60	35	33	265	40
30	37	720	67	69	---	64	68	60	36	32	1110	38
31	50	---	67	68	---	61	---	52	---	32	288	---
TOTAL	1194	3467	6227	4790	2657	2128	5132	1464	1177	1125	2540	1393
MEAN	38.5	116	201	155	94.9	68.6	171	47.2	39.2	36.3	81.9	46.4
MAX	83	900	1360	1150	189	98	984	60	48	60	1110	181
MIN	29	35	67	63	63	57	50	42	34	32	30	31
CFSM	0.40	1.21	2.11	1.62	1.00	0.72	1.80	0.50	0.41	0.38	0.86	0.49
IN.	0.47	1.35	2.43	1.87	1.04	0.83	2.01	0.57	0.46	0.44	0.99	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	41.6	59.0	140	162	196	194	212	106	89.2	67.1	50.3	40.3
MAX	84.2	116	352	489	386	431	572	256	286	232	81.9	70.7
(WY)	2003	2005	1992	1999	2003	1997	2000	1997	2004	1994	2005	1992
MIN	30.6	29.7	37.3	36.0	36.5	68.6	74.6	36.5	32.0	29.1	24.3	24.7
(WY)	2000	2000	2000	2000	2000	2005	1998	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	47255		33294			
ANNUAL MEAN	129		91.2		113	
HIGHEST ANNUAL MEAN					152	1997
LOWEST ANNUAL MEAN					85.1	2000
HIGHEST DAILY MEAN	1710	Jun 28	1360	Dec 7	4470	Apr 2 2000
LOWEST DAILY MEAN	29	Sep 29	29	Oct 1	18	Sep 30 2000
ANNUAL SEVEN-DAY MINIMUM	30	Sep 28	30	Aug 4	21	Aug 31 2000
MAXIMUM PEAK FLOW			2480	Jan 7	6080	Apr 2 2000
MAXIMUM PEAK STAGE			14.67	Jan 7	20.48	Apr 2 2000
ANNUAL RUNOFF (CFSM)	1.36		0.958		1.18	
ANNUAL RUNOFF (INCHES)	18.47		13.01		16.08	
10 PERCENT EXCEEDS	229		134		174	
50 PERCENT EXCEEDS	62		50		50	
90 PERCENT EXCEEDS	34		32		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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
08...	0920	31	35	2.9
25...	1200	47	44	5.6
NOV				
19...	1225	36	39	3.8
24...	0145	787	2580	5480
24...	0415	1190	1760	5650
24...	0715	1370	1950	7210
24...	1015	1160	1480	4640
24...	1330	907	1020	2500
24...	1615	736	712	1410
30...	0715	726	1150	2250
30...	0945	992	1030	2760
30...	1245	1200	913	2960
30...	1545	1020	637	1750
30...	1845	819	502	1110
30...	2145	686	409	758
DEC				
08...	0000	811	1480	3240
08...	0245	719	871	1690
08...	0545	649	2180	3820
08...	0845	569	1990	3060
08...	1200	502	1700	2300
08...	1445	462	1050	1310
08...	1745	408	725	799
08...	2045	372	637	640
08...	2345	333	571	513
09...	0245	366	441	436
09...	0415	829	2200	4920
09...	0645	1160	1040	3260
09...	1035	1290	777	2710
09...	1245	1230	776	2580
09...	1545	1040	618	1740
09...	1845	862	475	1110
09...	2145	752	397	806
16...	1505	88	49	12
JAN				
07...	1225	70	52	9.8
07...	1800	877	2100	4970
07...	2030	2080	2780	15600
07...	2330	2450	2040	13500
08...	0230	2040	1740	9580
08...	0530	1360	1150	4220
08...	0830	1090	792	2330
08...	1130	972	601	1580
08...	1430	884	453	1080
08...	1745	819	498	1100
08...	2030	773	462	964
08...	2345	716	391	756
27...	1525	65	43	7.5
FEB				
16...	1250	82	51	11
MAR				
09...	1330	78	35	7.4
APR				
01...	0850	60	54	8.7
06...	1400	752	4720	9580
06...	1630	1100	2910	8640
06...	1930	1620	4050	17700
06...	2230	1400	2420	9150
07...	0130	895	1440	3480
07...	0430	732	1180	2330
11...	1130	914	4570	11300
11...	1415	763	2190	4510
11...	1645	770	1440	2990
11...	1930	1610	2520	11000
11...	2215	1850	1770	8840
12...	0115	1780	1590	7640
12...	0415	1400	1460	5520
12...	0715	1080	1030	3000
12...	1015	914	778	1920
12...	1315	804	658	1430
12...	1615	732	537	1060
12...	1915	667	487	877
19...	1215	66	52	9.3
MAY				
12...	1520	44	29	3.4
JUN				
01...	1715	47	38	4.8
22...	0830	36	32	3.1
JUL				
13...	1535	35	27	2.6
AUG				
05...	0920	31	25	2.1
22...	1415	31	22	1.8
29...	2100	945	2650	6770
29...	2330	2100	2490	14100
30...	0230	2300	1940	12100
30...	0530	--	1520	--
30...	0845	--	893	--
30...	1130	--	644	--
30...	1430	--	503	--
30...	1800	630	421	716
30...	1830	--	404	--
SEP				
14...	1235	33	24	2.1

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: Oct. 1-17, 24,25, Nov. 24-30, Dec. 6-22, 24,25, 27-31, Jan. 4, 8-11, 17-20, Jul. 15 and Sept. 29. 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)
Jan. 8	0630	*1,800	*10.29				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e31	52	455	67	75	72	60	77	52	33	32	150
2	e31	56	159	68	155	68	59	66	48	33	32	92
3	e32	79	105	68	139	66	56	61	46	34	32	68
4	e32	56	81	e67	104	65	53	59	45	33	31	57
5	e32	46	73	66	91	64	52	57	44	34	31	51
6	e31	42	e90	66	84	62	376	55	42	37	31	48
7	e31	41	e1300	278	85	64	826	54	42	35	31	44
8	e31	40	e700	e1500	154	79	271	53	43	37	31	42
9	e36	38	e970	e640	117	75	144	53	42	37	31	40
10	e40	38	e540	e220	98	69	109	53	41	37	30	38
11	e44	38	e190	e140	87	65	481	51	42	40	30	37
12	e41	39	e135	116	82	62	1420	50	42	39	29	35
13	e38	38	e120	166	80	61	472	49	40	41	30	34
14	e36	39	e100	224	109	60	193	48	39	40	30	33
15	e35	38	e94	137	94	58	138	50	37	e60	29	34
16	e36	37	e89	120	83	58	111	49	37	50	29	37
17	e36	36	e86	e98	76	58	95	48	37	44	29	35
18	36	36	e81	e88	72	57	87	47	38	41	29	34
19	36	37	e80	e81	69	60	82	46	37	38	28	33
20	38	37	e80	e80	70	61	78	47	37	36	28	32
21	35	53	e78	78	72	61	75	44	37	35	28	32
22	36	80	e90	76	71	76	73	44	36	35	28	31
23	44	168	290	74	72	92	70	43	35	34	30	31
24	e120	e841	e140	74	164	72	68	42	35	34	38	35
25	e50	e334	e100	74	106	65	66	40	34	33	33	189
26	47	e147	85	74	87	61	68	40	34	33	30	148
27	40	e130	e78	73	79	78	67	39	34	31	29	73
28	38	e129	e74	76	76	81	63	39	34	32	30	55
29	37	e92	e72	78	---	71	62	55	33	33	67	e47
30	37	e700	e70	77	---	64	80	65	33	32	1320	43
31	41	---	e68	77	---	60	---	58	---	32	406	---
TOTAL	1228	3537	6673	5121	2651	2065	5855	1582	1176	1143	2642	1658
MEAN	39.6	118	215	165	94.7	66.6	195	51.0	39.2	36.9	85.2	55.3
MAX	120	841	1300	1500	164	92	1420	77	52	60	1320	189
MIN	31	36	68	66	69	57	52	39	33	31	28	31
CFSM	0.41	1.23	2.25	1.73	0.99	0.70	2.04	0.53	0.41	0.39	0.89	0.58
IN.	0.48	1.37	2.59	1.99	1.03	0.80	2.28	0.61	0.46	0.44	1.03	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	43.4	60.3	137	150	176	164	181	99.2	84.4	62.9	45.6	38.3
MAX	104	118	311	420	352	340	462	223	299	192	85.2	59.3
(WY)	2003	2005	1992	1999	2003	1995	2000	1997	2004	1994	2005	1992
MIN	26.0	31.9	40.1	39.3	35.3	66.6	72.8	37.7	33.3	26.7	21.4	21.5
(WY)	2000	2000	2000	2000	2000	2005	1992	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	48972		35331			
ANNUAL MEAN	134		96.8		103	
HIGHEST ANNUAL MEAN					126	1997
LOWEST ANNUAL MEAN					75.2	2000
HIGHEST DAILY MEAN	1500	Mar 6	1500	Jan 8	2590	Apr 23 1995
LOWEST DAILY MEAN	30	Sep 3	28	Aug 19	14	Sep 1 2000
ANNUAL SEVEN-DAY MINIMUM	31	Sep 28	28	Aug 16	16	Aug 26 2000
MAXIMUM PEAK FLOW			1800	Jan 8	3440	Apr 23 1995
MAXIMUM PEAK STAGE			10.29	Jan 8	11.81	Apr 2 2000
ANNUAL RUNOFF (CFSM)	1.40		1.01		1.08	
ANNUAL RUNOFF (INCHES)	19.04		13.73		14.62	
10 PERCENT EXCEEDS	244		140		158	
50 PERCENT EXCEEDS	63		55		52	
90 PERCENT EXCEEDS	35		32		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 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT				
08...	1030	31	20	1.7
25...	--	49	45	6.0
NOV				
19...	1400	37	24	2.4
24...	0345	558	2320	3500
24...	0615	980	1110	2940
24...	0915	1140	1170	3600
24...	1215	--	1040	--
24...	1515	--	716	--
24...	1815	870	540	1270
24...	2115	700	857	1620
25...	0015	597	331	534
25...	0315	486	401	526
25...	0545	436	248	292
30...	0845	462	855	1070
30...	1130	815	828	1820
30...	1430	--	686	--
30...	1730	1070	462	1330
30...	2030	--	336	--
30...	2330	878	251	595
DEC				
01...	0230	--	222	--
01...	0530	--	184	--
01...	0830	--	185	--
01...	1130	419	172	195
07...	0130	492	491	652
07...	0400	736	677	1350
07...	0700	--	905	--
07...	1000	--	1410	--
07...	1300	--	1120	--
07...	1600	1720	774	3590
07...	1900	1630	495	2180
07...	2200	--	413	--
08...	0100	--	348	--
08...	0400	972	322	845
08...	0700	840	294	667
08...	1000	681	301	553
08...	1315	--	291	--
08...	1600	--	266	--
08...	1900	--	231	--
08...	2200	366	239	236
08...	2345	--	207	--
09...	0215	--	273	--
09...	0515	430	296	344
09...	0815	946	837	2140
09...	1115	--	818	--
09...	1415	--	574	--
09...	1715	--	468	--
09...	2015	--	388	--
09...	2315	--	312	--
10...	0215	--	255	--
10...	0530	--	209	--
10...	0830	551	186	277
10...	1115	454	223	273
10...	1415	371	197	197
10...	1715	--	168	--
10...	1845	293	142	112
10...	1930	282	141	107
16...	1555	85	43	9.9
23...	0745	393	369	392
JAN				
07...	1330	74	45	9.0
07...	1945	591	1370	2190
07...	2215	1290	1470	5120
08...	0115	1490	1340	5390
08...	0430	1740	942	4430
08...	0715	1790	603	2910
08...	1030	--	453	--
08...	1315	--	370	--
08...	1615	--	332	--
JAN				
08...	1915	1240	322	1080
08...	2215	1130	290	885
09...	0115	--	274	--
09...	0430	882	268	638
09...	0715	836	231	521
09...	1015	--	212	--
09...	1315	603	207	337
09...	1615	530	203	290
09...	1915	400	172	186
09...	2215	--	172	--
10...	0015	--	167	--
10...	0115	--	157	--
27...	1615	74	40	8.0
FEB				
16...	1410	83	78	17
MAR				
09...	1415	74	42	8.4
APR				
01...	1000	61	55	9.1
06...	1615	444	3070	3680
06...	1845	925	2690	6720
06...	2145	1210	2960	9670
07...	0045	1260	2160	7350
07...	0345	1190	1240	3980
07...	0645	1060	961	2750
07...	0945	913	698	1720
07...	1245	756	674	1380
07...	1545	641	552	955
07...	1845	551	509	757
07...	2145	460	431	535
08...	0045	395	408	435
11...	1330	560	1280	1940
11...	1600	748	2930	5920
11...	1900	848	1800	4120
11...	2200	1250	1950	6580
12...	0100	1490	1630	6560
12...	0400	1700	1130	5190
12...	0700	1730	872	4070
12...	1000	1610	735	3200
12...	1300	1470	567	2250
12...	1600	1300	422	1480
12...	1900	1140	381	1170
12...	2200	1010	372	1010
19...	1100	83	65	15
MAY				
12...	1630	47	37	4.7
JUN				
01...	1545	52	48	6.7
21...	1130	37	33	3.3
JUL				
13...	1620	40	74	8.0
AUG				
05...	1035	31	28	2.3
22...	1445	29	25	2.0
29...	2330	629	4730	8040
30...	0200	1390	2410	9050
30...	0500	1530	1660	6870
30...	0800	1600	1230	5330
30...	1100	1600	794	3430
30...	1400	1390	540	2030
30...	1700	1190	410	1320
30...	2000	998	331	892
30...	2300	815	308	678
31...	0200	666	266	478
31...	0500	555	271	406
31...	0800	467	221	279
SEP				
14...	1100	33	24	2.1
25...	1530	430	1310	1520
25...	1800	417	839	945

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: October 1-17. 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 3,000 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 7	0600	*4,830	*18.51	Apr. 12	0000	3,080	14.77
Apr. 6	1130	3,280	15.23				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e40	27	194	47	62	83	59	90	91	26	34	52
2	e38	32	70	46	613	73	58	54	60	27	34	43
3	e37	53	60	45	219	70	54	45	51	26	31	40
4	e36	35	49	45	104	67	51	40	46	26	30	37
5	e35	28	49	45	80	63	49	38	43	27	32	35
6	e34	29	353	46	70	60	1780	35	41	30	32	34
7	e40	28	2530	319	251	339	939	34	46	29	31	32
8	e60	27	588	598	511	475	405	33	45	31	30	32
9	e85	27	1030	130	177	132	180	111	43	33	29	32
10	e135	27	334	83	103	93	116	77	37	29	28	31
11	e220	27	123	73	78	79	735	41	36	41	34	30
12	e610	30	86	67	69	70	1340	35	35	45	28	30
13	e480	28	71	405	104	66	317	33	34	164	31	30
14	e62	27	62	227	191	61	162	175	34	412	27	30
15	e42	26	57	86	94	59	108	450	33	441	26	30
16	e34	25	54	68	75	65	86	74	32	104	29	35
17	e30	25	52	61	65	62	77	54	33	65	29	33
18	28	26	49	57	59	57	68	47	32	68	27	31
19	72	26	47	55	56	66	64	42	30	53	26	30
20	52	26	45	53	70	67	58	40	29	48	26	30
21	31	378	45	51	102	66	55	38	29	44	27	29
22	29	155	82	49	75	453	52	36	28	44	35	28
23	75	110	223	46	504	213	49	36	28	38	31	29
24	64	1120	85	44	677	91	47	35	28	37	74	36
25	33	179	68	44	204	74	45	35	27	36	35	453
26	28	86	61	43	121	67	61	34	27	35	30	193
27	27	479	56	41	97	72	57	34	28	33	26	58
28	27	154	54	56	99	71	47	34	27	35	25	44
29	26	64	51	67	---	61	43	319	27	35	501	39
30	26	691	49	56	---	56	375	345	26	34	826	37
31	26	---	48	62	---	54	---	110	---	33	114	---
TOTAL	2562	3995	6725	3115	4930	3385	7537	2604	1106	2129	2318	1623
MEAN	82.6	133	217	100	176	109	251	84.0	36.9	68.7	74.8	54.1
MAX	610	1120	2530	598	677	475	1780	450	91	441	826	453
MIN	26	25	45	41	56	54	43	33	26	26	25	28
CFSM	0.94	1.51	2.46	1.14	2.00	1.24	2.85	0.95	0.42	0.78	0.85	0.61
IN.	1.08	1.69	2.84	1.32	2.08	1.43	3.18	1.10	0.47	0.90	0.98	0.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

MEAN	53.5	98.2	159	227	248	241	248	126	128	67.9	45.2	50.8
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	64039		42029			
ANNUAL MEAN	175		115		142	
HIGHEST ANNUAL MEAN					217	1991
LOWEST ANNUAL MEAN					69.4	1992
HIGHEST DAILY MEAN	4420	May 15	2530	Dec 7	13000	Jun 10 1997
LOWEST DAILY MEAN	24	Sep 29	25	Nov 16	11	Aug 1 1994
ANNUAL SEVEN-DAY MINIMUM	25	Sep 24	26	Nov 14	15	Sep 4 1987
MAXIMUM PEAK FLOW			4830	Dec 7	18600	Jun 10 1997
MAXIMUM PEAK STAGE			18.51	Dec 7	27.89	Jun 10 1997
ANNUAL RUNOFF (CFSM)	1.99		1.31		1.61	
ANNUAL RUNOFF (INCHES)	27.04		17.75		21.87	
10 PERCENT EXCEEDS	379		277		246	
50 PERCENT EXCEEDS	54		49		44	
90 PERCENT EXCEEDS	28		28		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: January 7-11 and May 12-19. 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 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. 4	0545	3,570	22.41	Dec. 24	0615	3,130	21.10
Nov. 25	2215	3,480	22.14	Apr. 13	1100	4,240	24.22
Dec. 1	2145	4,480	24.82	Sep. 27	1945	3,310	21.66
Dec. 9	1815	*5,310	*26.84				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	335	4340	366	171	427	138	132	185	223	192	2220
2	45	1830	4350	371	586	293	140	85	96	260	148	2120
3	43	3300	3950	383	1030	222	100	63	59	231	128	1830
4	43	3520	3420	818	980	198	72	51	47	198	153	1370
5	42	3250	2860	1120	767	166	52	48	39	352	139	830
6	41	2830	3040	1000	504	148	481	43	36	940	135	371
7	41	2400	4420	e1890	313	124	1690	37	36	976	146	168
8	32	2000	4770	e2490	618	98	2050	37	69	728	214	120
9	25	1570	5090	e2920	843	170	2090	43	338	423	231	94
10	72	1110	4830	e2800	720	235	1930	48	207	341	207	71
11	869	705	3920	e2520	496	261	1880	53	126	426	187	54
12	975	442	3010	2230	316	228	3640	e73	101	381	180	47
13	630	300	2280	2270	204	167	4210	e92	88	365	162	42
14	303	212	1740	2740	138	112	3980	e106	97	256	148	40
15	151	168	1220	2660	119	92	3510	e113	92	174	148	39
16	83	155	764	2460	146	80	2920	e152	86	177	146	39
17	55	137	627	2160	136	61	2340	e139	80	209	142	38
18	67	114	454	1800	116	48	1870	e94	84	238	134	38
19	75	102	254	1370	99	45	1390	e69	116	242	124	39
20	666	106	194	932	119	50	912	52	133	238	139	36
21	848	187	189	592	861	54	558	45	125	400	136	34
22	544	224	721	412	1260	132	373	46	121	459	117	34
23	464	506	2650	304	1370	393	268	44	120	385	121	32
24	1680	2350	3080	229	1820	570	184	40	131	278	238	34
25	1600	3370	2820	202	1700	429	140	33	145	194	281	1100
26	1130	3410	2410	182	1420	246	105	31	155	146	212	2770
27	701	3250	2050	163	1020	187	80	31	174	119	178	3270
28	387	3040	1650	161	652	277	82	65	236	157	193	3190
29	210	2580	1200	148	---	440	74	467	259	377	310	2790
30	149	3060	800	153	---	376	162	651	224	358	1330	2320
31	253	---	518	167	---	230	---	365	---	262	2060	---
TOTAL	12268	46563	73621	38013	18524	6559	37421	3348	3805	10513	8379	25180
MEAN	396	1552	2375	1226	662	212	1247	108	127	339	270	839
MAX	1680	3520	5090	2920	1820	570	4210	651	338	976	2060	3270
MIN	25	102	189	148	99	45	52	31	36	119	117	32
CFSM	0.72	2.81	4.29	2.22	1.20	0.38	2.26	0.20	0.23	0.61	0.49	1.52
IN.	0.83	3.13	4.95	2.56	1.25	0.44	2.52	0.23	0.26	0.71	0.56	1.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

MEAN	452	537	1524	1365	1464	1348	878	819	668	625	339	235
MAX	2472	1552	6794	2344	3968	2853	1753	3604	2311	2201	803	839
(WY)	2003	2005	2002	1998	1994	1997	2000	2003	1997	1994	1993	2005
MIN	22.1	15.6	201	32.0	269	212	277	108	127	232	198	52.8
(WY)	1996	1996	2000	2000	1993	2005	1994	2005	2005	2000	2004	1995

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	362189		284194			
ANNUAL MEAN	990		779		853	
HIGHEST ANNUAL MEAN					1674	2002
LOWEST ANNUAL MEAN					390	1996
HIGHEST DAILY MEAN	5090	Dec 9	5090	Dec 9	9100	Dec 17 2001
LOWEST DAILY MEAN	25	Oct 9	25	Oct 9	7.8	Sep 28 2001
ANNUAL SEVEN-DAY MINIMUM	30	Sep 19	35	Sep 18	8.8	Dec 1 1995
MAXIMUM PEAK FLOW			5310	Dec 9	9260	Dec 1 2001
MAXIMUM PEAK STAGE			26.84	Dec 9	34.73	Dec 1 2001
INSTANTANEOUS LOW FLOW			24	Oct 9,10	6.8	Oct 31 1993
ANNUAL RUNOFF (CFSM)	1.79		1.41		1.54	
ANNUAL RUNOFF (INCHES)	24.36		19.12		20.96	
10 PERCENT EXCEEDS	3040		2650		2660	
50 PERCENT EXCEEDS	302		229		240	
90 PERCENT EXCEEDS	52		47		40	

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 93 ft above 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	282	4920	985	191	945	377	629	801	377	421	3190
2	47	1300	5090	757	531	645	245	393	455	392	329	3230
3	49	3060	5070	715	1170	440	181	201	235	422	260	3050
4	50	3810	4900	669	1360	316	143	108	127	400	230	2680
5	53	4000	4610	1050	1270	249	107	71	90	433	252	2100
6	53	3910	4710	1370	1030	201	183	58	69	899	261	1380
7	53	3640	5410	1750	775	208	915	56	58	1390	342	790
8	53	3260	5740	2910	812	300	1800	53	126	1410	428	421
9	60	2800	5970	3520	1020	247	2250	52	907	1130	402	228
10	83	2310	6140	3710	1100	307	2430	86	1250	802	366	146
11	646	1710	5940	3670	954	337	2590	98	882	638	320	109
12	1400	1120	5520	3460	725	323	4010	80	535	612	281	85
13	1330	721	4960	3340	516	288	4760	58	313	566	262	68
14	946	472	4270	3630	364	266	4890	71	195	544	241	57
15	570	321	3510	3720	267	246	4820	366	157	717	219	52
16	310	238	2750	3600	206	173	4590	233	145	616	207	56
17	172	203	2150	3360	193	134	4200	149	140	487	207	59
18	114	187	1610	3010	193	106	3680	105	153	423	219	56
19	95	175	1110	2580	176	95	3040	85	177	399	223	50
20	105	163	723	2060	163	86	2310	71	202	376	221	47
21	583	184	475	1460	214	83	1550	57	213	371	205	45
22	852	333	653	975	858	285	931	43	207	599	191	41
23	686	977	2630	656	1360	602	550	39	206	687	192	37
24	895	3100	3610	452	1840	618	334	58	212	606	275	37
25	1780	4370	3870	329	2180	662	217	63	231	473	357	362
26	2000	4710	3770	264	2100	553	159	57	247	352	371	2320
27	1680	4740	3470	229	1800	495	123	48	268	269	309	3310
28	1180	4680	3050	205	1370	921	96	57	294	236	247	3680
29	757	4440	2590	208	---	829	81	295	347	280	237	3710
30	465	4490	2050	206	---	687	595	1270	380	451	1520	3510
31	289	---	1460	192	---	545	---	1210	---	492	2800	---
TOTAL	17400	65706	112731	55042	24738	12192	52157	6220	9622	17849	12395	34906
MEAN	561	2190	3636	1776	884	393	1739	201	321	576	400	1164
MAX	2000	4740	6140	3720	2180	945	4890	1270	1250	1410	2800	3710
MIN	44	163	475	192	163	83	81	39	58	236	191	37
CFSM	0.73	2.86	4.74	2.31	1.15	0.51	2.27	0.26	0.42	0.75	0.52	1.52
IN.	0.84	3.19	5.47	2.67	1.20	0.59	2.53	0.30	0.47	0.87	0.60	1.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2005, BY WATER YEAR (WY)

MEAN	350	716	1213	1864	1964	1906	1641	1315	754	543	370	346
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	201	151	100	90.8	93.2
(WY)	2004	1957	1966	1966	1977	1954	1978	2005	1966	1956	1956	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1936 - 2005	
ANNUAL TOTAL	534866		420958			
ANNUAL MEAN	1461		1153		1078	
HIGHEST ANNUAL MEAN					2323	1974
LOWEST ANNUAL MEAN					325	1936
HIGHEST DAILY MEAN	6140	Dec 10	6140	Dec 10	15000	Mar 18 1973
LOWEST DAILY MEAN	27	Sep 22	37	Sep 23	27	Sep 22 2004
ANNUAL SEVEN-DAY MINIMUM	31	Sep 21	45	Sep 18	31	Sep 21 2004
MAXIMUM PEAK FLOW			6160	Dec 10	15000	Mar 18 1973
MAXIMUM PEAK STAGE			23.88	Dec 10	28.37	Mar 18 1973
INSTANTANEOUS LOW FLOW			36	Sep 23,24	27	Sep 22 2004
ANNUAL RUNOFF (CFSM)	1.91		1.50		1.41	
ANNUAL RUNOFF (INCHES)	25.94		20.42		19.09	
10 PERCENT EXCEEDS	4460		3670		3150	
50 PERCENT EXCEEDS	474		428		392	
90 PERCENT EXCEEDS	78		70		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.--No estimated daily discharges. Records good. 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. 4	0300	6,430	23.29	Dec. 8	0600	*6,980	*23.95
Nov. 25	0900	6,880	23.83	Apr. 13	0500	6,310	23.14
Dec. 1	2100	5,390	21.95	Sep. 27	0800	6,900	23.85

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	51	5030	175	119	140	106	748	1230	150	332	2090
2	14	2010	4960	188	867	103	84	266	587	144	268	1100
3	13	5780	3590	219	1270	97	70	121	283	147	193	549
4	13	6210	2130	215	926	88	61	87	149	165	144	295
5	13	4990	1230	365	570	75	55	70	92	167	120	171
6	13	3170	2640	511	368	65	70	59	65	216	114	111
7	13	1610	6060	1180	277	70	377	52	53	413	118	81
8	13	838	6810	3720	680	189	817	50	49	431	143	65
9	16	498	6640	3740	777	152	556	51	238	338	131	54
10	134	320	6230	2520	590	201	299	65	649	289	110	46
11	2840	216	4280	1350	359	148	818	76	353	278	107	42
12	4500	156	2390	743	281	102	5100	75	164	334	106	39
13	3580	103	1320	1220	203	83	6100	66	100	343	120	36
14	1970	75	828	3280	153	77	4610	57	73	292	136	34
15	954	59	502	2920	128	92	2580	616	62	530	114	34
16	493	48	284	1750	122	82	1120	1000	59	454	108	35
17	262	42	183	928	116	69	504	569	59	326	111	34
18	151	38	123	525	101	59	255	264	91	304	120	34
19	100	37	89	324	104	51	156	138	122	307	129	33
20	75	41	80	227	109	46	109	90	115	245	161	32
21	53	54	87	169	100	44	89	67	97	184	154	31
22	41	225	592	136	109	208	77	50	82	370	124	30
23	65	1250	4090	114	197	285	65	43	74	606	112	30
24	613	5700	4750	99	512	263	61	42	73	555	216	30
25	911	6770	3250	90	737	236	61	43	77	402	387	2500
26	686	5500	1720	91	531	159	60	40	82	270	454	6330
27	440	3690	934	91	316	283	56	39	82	178	426	6850
28	245	2560	632	93	214	958	52	41	121	157	424	6360
29	168	1500	439	100	---	533	53	220	172	263	404	5040
30	108	2610	305	103	---	239	710	1880	176	375	1600	3170
31	67	---	224	106	---	144	---	2180	---	384	2540	---
TOTAL	18578	56151	72422	27292	10836	5341	25131	9165	5629	9617	9726	35286
MEAN	599	1872	2336	880	387	172	838	296	188	310	314	1176
MAX	4500	6770	6810	3740	1270	958	6100	2180	1230	606	2540	6850
MIN	13	37	80	90	100	44	52	39	49	144	106	30
CFSM	1.24	3.87	4.83	1.82	0.80	0.36	1.73	0.61	0.39	0.64	0.65	2.43
IN.	1.43	4.32	5.57	2.10	0.83	0.41	1.93	0.70	0.43	0.74	0.75	2.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	415	669	1467	1299	1260	956	843	586	576	421	322	301
MAX	1683	1872	4928	3144	2527	2135	2201	1338	1360	868	541	1176
(WY)	2002	2005	2002	1999	2001	1997	2000	1997	1997	2004	2001	2005
MIN	6.73	6.84	153	46.7	256	172	383	38.9	188	146	164	34.5
(WY)	1996	1996	2000	2000	1996	2005	1998	1996	2005	2000	2000	1999

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	364893		285174			
ANNUAL MEAN	997		781		758	
HIGHEST ANNUAL MEAN					1287	2002
LOWEST ANNUAL MEAN					346	1996
HIGHEST DAILY MEAN	7030	Jun 29	6850	Sep 27	9670	Apr 4 2000
LOWEST DAILY MEAN	13	Oct 3	13	Oct 3	5.5	Oct 20 2000
ANNUAL SEVEN-DAY MINIMUM	13	Oct 2	13	Oct 2	5.5	Oct 26 2000
MAXIMUM PEAK FLOW			6980	Dec 8	9750	Apr 3 2000
MAXIMUM PEAK STAGE			23.95	Dec 8	27.91	Dec 2 2001
INSTANTANEOUS LOW FLOW			12	Oct 5,6,7,8	5.3	Oct 24 2000
ANNUAL RUNOFF (CFSM)	2.06		1.61		1.57	
ANNUAL RUNOFF (INCHES)	28.05		21.92		21.27	
10 PERCENT EXCEEDS	3720		2590		2420	
50 PERCENT EXCEEDS	197		171		169	
90 PERCENT EXCEEDS	41		46		22	

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 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instan-taneous dis-charge, cfs (00061)	Sam-pling depth, feet (00003)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Loca-tion in X-sect. looking dwnstrm ft from l bank (00009)
OCT											
13...	1115	19.33	3660	--	54	760	2.3	6.8	210	20.3	--
13...	1130	--	--	1.00	--	--	2.2	7.0	210	20.3	190
13...	1131	--	--	14.0	--	--	2.1	6.9	209	20.3	190
13...	1132	--	--	1.00	--	--	2.2	6.9	210	20.3	155
13...	1133	--	--	16.0	--	--	2.0	6.9	210	20.3	155
13...	1134	--	--	1.00	--	--	2.4	6.9	209	20.3	80.0
13...	1135	--	--	13.0	--	--	2.1	6.9	210	20.3	80.0
NOV											
03...	1130	22.62	5810	--	330	760	4.5	6.7	112	20.3	--
DEC											
07...	1035	22.86	6120	--	470	760	8.0	7.0	83	15.5	--
07...	1100	--	--	1.00	--	--	8.2	7.0	82	15.6	95.0
07...	1105	--	--	1.00	--	--	8.1	7.0	83	15.6	150
07...	1110	--	--	1.00	--	--	7.6	7.0	82	15.6	210
JAN											
04...	1015	9.00	217	--	160	760	9.1	7.2	139	14.3	--
FEB											
08...	0930	11.65	684	--	450	765	10.2	7.2	115	11.4	--
08...	0940	--	--	1.00	--	--	10.2	7.2	116	11.5	40.0
08...	0941	--	--	--	--	--	10.3	7.2	116	11.5	40.0
08...	0942	--	--	1.00	--	--	10.2	7.2	116	11.5	75.0
08...	0943	--	--	--	--	--	10.3	7.2	115	11.5	75.0
08...	0944	--	--	1.00	--	--	10.4	7.2	115	11.5	111
08...	0945	--	--	--	--	--	10.3	7.2	115	11.5	111
22...	0800	7.80	91	--	280	771	--	7.1	217	15.7	--
MAR											
07...	1110	7.47	65	--	190	759	7.5	7.2	284	14.6	--
21...	0910	7.16	44	--	82	764	7.1	7.1	372	14.8	--
21...	0930	--	--	1.00	--	--	7.2	7.2	372	14.8	27.0
21...	0931	--	--	2.40	--	--	7.1	7.2	372	14.8	27.0
21...	0932	--	--	1.00	--	--	7.1	7.1	372	14.8	110
21...	0933	--	--	2.50	--	--	7.1	7.1	372	14.8	110
21...	0934	--	--	1.00	--	--	7.2	7.2	373	14.9	87.0
21...	0935	--	--	1.50	--	--	7.2	7.2	373	14.9	87.0
22...	1110	8.82	188	--	230	756	8.6	7.2	339	15.7	--
22...	1115	--	--	1.00	--	--	8.7	7.2	345	15.9	67.0
22...	1116	--	--	3.80	--	--	8.5	7.2	318	15.5	67.0
28...	1135	13.12	1050	--	1000	759	8.8	7.1	109	12.3	--
28...	1140	--	--	1.00	--	--	8.6	7.1	109	12.3	37.0
28...	1141	--	--	5.00	--	--	8.6	7.1	109	12.3	37.0
28...	1142	--	--	1.00	--	--	8.8	7.1	109	12.3	74.0
28...	1143	--	--	4.00	--	--	8.8	7.1	109	12.3	74.0
28...	1144	--	--	1.00	--	--	8.8	7.1	109	12.3	111
28...	1145	--	--	4.00	--	--	8.8	7.1	109	12.2	111
APR											
04...	1139	7.42	61	--	140	761	7.6	7.2	296	17.5	--
20...	1010	7.94	110	--	300	765	5.6	6.8	147	21.7	--
MAY											
02...	1010	9.29	274	--	510	768	6.1	6.8	118	17.8	--
02...	1020	--	--	1.00	--	--	6.1	6.8	118	18.0	33.0
02...	1021	--	--	10.0	--	--	6.0	6.9	118	18.0	33.0
02...	1022	--	--	1.00	--	--	5.9	6.7	118	17.8	67.0
02...	1023	--	--	16.0	--	--	6.0	6.8	118	17.8	67.0
02...	1024	--	--	1.00	--	--	6.3	6.8	118	17.8	99.0
02...	1025	--	--	11.0	--	--	6.2	6.8	118	17.8	99.0
26...	1100	6.99	41	--	52	758	6.0	7.3	444	25.8	--
31...	1100	16.59	2260	--	210	758	5.1	6.9	187	23.0	--
JUN											
07...	1100	7.17	53	--	58	755	7.8	7.7	358	29.8	--
20...	1100	7.92	117	--	65	765	8.1	7.7	535	28.2	--
JUL											
05...	1000	8.32	168	--	72	762	6.1	7.8	602	31.1	--
20...	1200	8.88	246	--	57	765	6.4	8.0	512	30.9	--
AUG											
02...	1100	9.07	276	--	46	763	7.3	8.1	474	30.2	--
08...	1200	8.06	146	--	57	763	5.9	7.8	623	30.9	--
09...	0900	7.96	136	--	54	763	6.3	7.8	546	30.0	--
23...	1000	7.70	112	--	90	760	5.1	7.8	638	30.7	--
24...	1100	8.66	220	--	61	761	5.0	8.0	584	30.1	--
SEP											
06...	1000	7.71	113	--	67	768	5.9	7.4	343	27.0	--
15...	1820	6.63	33	--	--	--	12.0	8.0	506	29.8	--

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Time	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, 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)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
OCT												
13...	1115	70	85	6.33	23.0	<.04	.23	.020	1.57	.223	.41	127
NOV												
03...	1130	40	48	2.81	7.7	E.04	.53	.022	1.72	.123	.48	270
DEC												
07...	1035	31	38	1.65	4.8	<.04	.20	<.008	1.16	.093	.41	312
JAN												
04...	1015	51	62	2.87	13.1	.05	.49	.010	1.33	.071	.26	134
FEB												
08...	0930	42	51	2.26	8.5	.04	.71	.012	2.04	.052	.37	326
22...	0800	90	110	3.13	16.6	.08	.43	.011	1.42	.027	.26	241
MAR												
07...	1110	124	151	3.43	15.6	.05	.42	E.004	1.16	.021	.25	181
21...	0910	146	178	3.11	37.2	<.04	.25	<.008	.89	.007	.176	101
22...	1110	127	154	2.88	31.3	<.04	.23	<.008	1.14	.023	.24	194
28...	1135	27	33	2.37	13.3	E.04	1.06	.014	2.65	.046	.42	550
APR												
04...	1139	98	119	4.35	32.0	<.04	.56	.011	1.46	.012	.20	146
20...	1010	53	64	2.05	9.4	.09	.70	.023	1.65	.055	.37	236
MAY												
02...	1010	31	37	1.70	11.9	.10	1.71	.071	3.31	.042	.55	710
26...	1100	173	208	4.26	33.0	<.04	<.06	<.008	.66	.007	.137	92
31...	1100	45	55	3.43	24.6	.37	2.11	.103	3.63	.047	.25	194
JUN												
07...	1100	118	143	5.86	38.3	.10	.51	.072	1.73	.014	.200	88
20...	1100	167	200	10.1	81.1	.90	1.20	.397	4.77	.019	.199	109
JUL												
05...	1000	188	225	10.4	81.8	.20	1.69	.387	3.62	.034	.20	118
20...	1200	216	259	5.61	43.8	E.03	.52	.041	1.35	.011	.183	163
AUG												
08...	1200	199	238	11.1	73.3	E.02	E.03	E.005	.75	.076	.18	129
09...	0900	174	209	9.41	61.1	E.03	E.03	<.008	.65	.074	.188	101
23...	1000	214	255	9.61	59.6	<.04	<.06	<.008	.72	.114	.22	106
24...	1100	192	229	10.1	51.1	<.04	<.06	<.008	.94	.116	.24	129
SEP												
06...	1000	108	131	7.95	22.8	.07	E.04	.009	1.14	.133	.33	92

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)
OCT												
13...	<.09	<.016	<.04	<.02	<.006	<.005	<.015	<.08	<.004	<.082	.027	--
NOV												
03...	<.09	<.016	<.10	<.02	<.006	<.005	<.006	<.08	<.004	.091	.050	--
DEC												
07...	<.09	<.016	.05	<.02	<.006	<.005	<.006	E.01	<.004	.045	.013	--
JAN												
04...	<.09	<.016	<.04	<.02	<.006	<.005	<.006	<.08	<.004	.041	.019	--
FEB												
08...	<.09	<.111	1.00	<.02	<.006	<.005	<.006	<.08	<.004	.053	.013	--
22...	<.09	.123	2.34	<.02	<.006	<.005	E.004	<.08	<.004	<.032	.030	--
MAR												
07...	<.09	<.016	.20	<.02	<.006	<.005	<.006	<.08	<.004	.052	.019	--
21...	<.09	<.016	E.16	<.02	<.006	<.005	E.007	<.08	<.004	.041	.024	--
22...	<.09	.152	2.86	<.02	<.006	<.005	E.044	E.02	<.004	.184	.022	--
28...	<.09	<.197	E4.01	<.02	<.006	<.005	E.019	E.03	<.004	.054	E.023	--
APR												
04...	<.09	<.016	.11	<.02	<.006	<.005	E.009	<.08	<.004	.055	E.022	--
20...	<.09	<.016	E.08	<.02	<.006	<.005	E.018	<.08	E.153	.096	E.021	--
MAY												
02...	<.09	<.016	.26	<.02	<.006	<.005	E.060	E.03	<.004	.117	E.475	--
26...	<.09	--	<.04	<.02	<.006	<.005	E.054	<.08	<.004	.051	E.765	--
31...	<.09	<.016	.07	<.02	<.006	<.005	E.115	E.04	<.004	.426	E1.99	--
JUN												
07...	<.09	<.016	.23	<.02	<.006	<.005	E.108	E.06	<.004	.218	E.535	<.004
20...	<.09	.728	E8.72	<.02	<.006	<.005	E.038	<.08	<.004	.326	E.304	<.004
JUL												
05...	<.09	<.016	.45	<.02	<.006	<.005	E.040	<.08	<.004	E.220	E.292	<.004
20...	<.09	<.016	.12	<.02	<.006	<.005	E.015	<.08	<.004	.212	E.205	<.004
AUG												
08...	<.09	<.016	.15	<.02	<.006	<.005	<.006	<.08	<.004	.088	E.154	<.004
09...	<.09	<.016	.21	<.02	<.006	<.005	<.006	<.08	<.004	.082	E.135	<.004
23...	<.09	<.016	E.10	<.02	<.006	<.005	E.006	<.08	<.004	.118	E.125	<.004
24...	<.09	<.016	.09	<.02	<.006	<.005	E.006	<.08	<.004	--	E.118	<.004
SEP												
06...	<.09	<.016	.10	<.02	<.006	<.005	E.007	<.08	<.004	.061	E.072	<.004

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor, water, fltrd, ug/L (49260)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Aminomethylphosphonic acid, wat flt ug/L (62649)	Atrazine, water, fltrd, ug/L (39632)
OCT												
13...	<.008	E2.82	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.1	.025
NOV												
03...	<.008	E1.24	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	<.1	.015
DEC												
07...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.1	.021
JAN												
04...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.5	<.015
FEB												
08...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.8	.014
22...	<.008	<.02	<.006	.010	<.028	<.005	<.02	<.022	<.04	--	1.2	.038
MAR												
07...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.7	.019
21...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	<.1	.030
22...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	1.4	3.62
28...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	2.6	.495
APR												
04...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	--	2.4	.083
20...	<.008	<.02	<.006	<.006	<.028	.006	<.02	<.022	<.04	--	3.3	.432
MAY												
02...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	.100	E.16	--	1.5	1.20
26...	--	<.02	<.006	<.006	<.028	<.005	--	--	--	--	1.9	1.38
31...	<.008	<.02	<.006	<.010	<.028	<.005	<.02	.027	<.04	--	2.8	3.24
JUN												
07...	<.008	<.02	<.006	<.006	<.028	<.005	<.02	<.022	<.04	<.005	3.9	2.72
20...	<.008	<.02	<.006	<.006	.339	<.005	<.02	<.022	<.04	<.005	<.1	.255
JUL												
05...	<.008	--	<.006	<.006	E1.20	<.005	<.02	<.022	<.04	<.005	5.0	.292
20...	<.008	<.25	<.006	<.006	.510	<.005	<.02	<.022	<.04	<.005	3.9	.110
AUG												
08...	<.008	<.02	<.006	<.006	.046	<.005	<.02	<.022	<.04	<.005	4.9	.013
09...	<.008	<.02	<.006	<.006	.529	<.005	<.02	<.022	<.04	<.005	4.1	<.014
23...	<.008	<.02	<.006	<.006	E.721	<.005	<.02	<.022	<.04	<.005	6.7	.012
24...	<.008	<.02	<.006	<.006	.070	<.005	<.02	<.022	<.04	<.005	4.1	.012
SEP												
06...	<.008	<.02	<.006	<.006	.035	<.005	<.02	<.022	<.04	<.005	1.7	.011

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Azinphos-methyl oxon, water, fltrd, ug/L (61635)	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)
OCT												
13...	<.07	<.050	<.02	<.010	<.022	<.02	E.06	<.02	<.03	<.096	<.02	<.041
NOV												
03...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	<.018	M	<.041
DEC												
07...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	<.018	<.02	<.041
JAN												
04...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	<.018	<.02	<.041
FEB												
08...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.015	<.02	<.041
22...	<.07	<.050	<.02	<.010	<.022	<.02	E.01	<.02	<.03	.036	<.02	<.041
MAR												
07...	<.07	<.050	<.02	<.010	<.022	<.02	.02	<.02	<.03	<.018	<.02	<.041
21...	<.07	<.050	<.02	<.010	<.022	<.02	E.03	<.02	<.03	.027	<.02	<.041
22...	<.07	<.050	<.02	<.010	<.022	<.02	.02	<.02	<.03	.042	<.02	<.041
28...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.015	E.01	<.041
APR												
04...	<.07	<.050	<.02	<.010	<.022	<.02	.02	.03	<.03	<.018	<.02	<.041
20...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.013	<.02	<.041
MAY												
02...	<.07	<.050	<.02	<.010	<.022	<.02	<.02	<.02	<.03	<.018	<.02	E.010
26...	<.07	<.050	--	<.010	<.022	<.02	<.01	<.02	<.03	.025	--	<.041
31...	<.07	<.050	<.02	E.006	<.022	E.02	.02	<.02	<.03	<.018	<.02	<.041
JUN												
07...	<.07	<.050	<.02	<.010	<.022	<.02	E.03	<.02	<.03	.030	<.02	<.041
20...	<.07	<.050	<.02	<.010	<.022	.04	E.31	<.02	<.03	<.018	<.02	<.041
JUL												
05...	<.07	<.050	<.02	<.010	<.022	E.01	.85	<.02	<.03	<.018	<.02	<.041
20...	<.07	<.050	<.02	<.010	<.022	<.02	.53	<.02	<.03	.049	<.02	<.041
AUG												
08...	<.07	<.050	<.02	<.010	<.022	.02	.04	<.02	<.03	<.018	<.02	<.041
09...	<.07	<.050	<.02	<.010	<.022	.03	.07	<.02	<.03	<.018	<.02	<.041
23...	<.07	<.050	<.02	<.010	<.022	.03	E.06	<.02	<.03	.030	<.02	<.041
24...	<.07	<.050	<.02	<.010	<.022	<.02	.03	<.02	<.03	<.022	<.02	<.041
SEP												
06...	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.02	<.03	<.018	<.02	<.041

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cyana-zine, water, fltrd, ug/L (04041)
OCT												
13...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
NOV												
03...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
DEC												
07...	<.016	--	<.02	<.032	<.04	<.04	<.06	.007	<.006	--	<.02	--
JAN												
04...	<.016	--	<.02	<.032	<.04	--	<.06	<.005	<.006	--	<.02	--
FEB												
08...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
22...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.025	--	<.02	--
MAR												
07...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.009	<.006	--	<.02	--
21...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
22...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
28...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
APR												
04...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
20...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
MAY												
02...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	--	--
26...	--	--	--	<.032	<.04	<.04	<.06	<.005	<.006	--	--	--
31...	<.016	--	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--
JUN												
07...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	.010	<.02	<.018
20...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.009	<.02	<.018
JUL												
05...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.032	<.02	<.018
20...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.088	<.02	<.018
AUG												
08...	<.016	<.020	<.02	<.032	<.02	<.04	<.06	<.005	<.006	E.693	<.02	<.018
09...	<.016	<.020	<.02	<.032	<.02	<.04	<.06	<.005	<.006	E.458	<.02	<.018
23...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.205	<.02	<.018
24...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.202	<.02	<.018
SEP												
06...	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.109	<.02	<.020

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)
OCT												
13...	<.01	<.008	--	<.009	<.03	<.003	E.006	<.01	<.005	<.04	<.06	<.08
NOV												
03...	<.01	<.008	--	<.009	<.03	<.003	E.007	<.01	<.005	<.04	<.03	<.08
DEC												
07...	<.01	<.008	--	<.009	<.03	.004	E.007	<.01	<.005	<.04	<.03	<.08
JAN												
04...	<.01	<.008	--	<.009	<.03	<.003	<.012	<.01	<.005	<.04	<.03	<.08
FEB												
08...	<.01	<.008	--	<.009	<.03	<.003	<.012	<.01	<.005	<.04	<.03	<.08
22...	<.01	<.027	--	<.009	<.03	<.003	E.001	<.01	<.005	<.04	<.03	<.08
MAR												
07...	<.01	<.060	--	<.040	<.03	<.003	<.012	<.01	<.005	<.04	<.03	<.08
21...	<.01	<.027	--	<.009	<.03	<.003	E.006	<.01	<.005	<.04	<.03	<.08
22...	<.01	<.027	--	<.009	<.03	.003	E.006	<.01	<.005	<.04	<.03	<.08
28...	<.01	<.027	--	<.009	<.03	<.003	E.002	<.01	<.005	<.04	<.03	<.08
APR												
04...	<.01	<.027	--	<.009	<.03	<.003	E.004	<.01	<.005	E.05	<.03	<.08
20...	<.01	<.027	--	<.009	<.03	<.003	E.005	<.01	<.005	<.04	<.03	<.08
MAY												
02...	<.01	<.027	--	<.150	<.03	<.003	E.004	<.01	<.005	<.04	<.03	<.08
26...	<.01	<.027	--	<.009	<.03	<.003	E.006	<.01	<.005	--	<.03	<.08
31...	<.01	<.027	--	<.009	<.03	E.002	E.006	<.01	<.005	<.04	<.03	<.08
JUN												
07...	<.01	<.027	<.009	<.009	<.03	E.002	E.006	--	<.005	<.04	<.03	<.08
20...	<.01	<.027	<.009	<.009	<.03	<.003	E.007	--	<.005	<.04	<.03	<.08
JUL												
05...	<.01	<.027	<.009	<.009	<.03	<.003	E.006	--	<.005	<.04	<.03	E.13
20...	<.01	<.027	<.009	<.009	<.03	<.003	E.006	--	<.005	<.04	<.03	E.28
AUG												
08...	<.01	<.027	<.009	<.009	<.03	<.003	E.005	--	<.005	<.04	<.03	E6.83
09...	<.01	<.027	<.009	<.009	<.03	<.003	E.004	--	<.005	<.04	<.03	E.17
23...	<.01	<.027	<.009	<.009	<.03	<.003	E.006	--	<.005	<.04	<.03	E.01
24...	<.01	<.027	<.023	<.009	<.03	<.003	E.006	--	<.005	<.04	E.17	E.01
SEP												
06...	<.01	<.027	<.009	<.009	<.03	<.003	E.007	--	<.005	<.04	<.03	<.08

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Diel-drin, water, fltrd, ug/L (39381)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)
OCT												
13...	<.009	<.006	<.04	E.01	--	--	<.13	--	--	<.0020	<.004	--
NOV												
03...	<.009	<.006	E.01	<.01	--	--	E.71	--	--	<.0020	<.004	--
DEC												
07...	<.009	<.006	M	<.01	--	--	.08	--	--	<.0020	<.004	--
JAN												
04...	<.009	<.006	<.04	<.01	--	--	.05	--	--	<.0020	<.004	--
FEB												
08...	<.009	<.006	<.04	<.01	--	--	.04	--	--	<.0020	<.004	--
22...	<.009	<.006	<.04	<.01	--	--	.03	--	--	<.0020	<.004	--
MAR												
07...	<.009	<.006	<.04	<.01	--	--	.03	--	--	<.0020	<.004	--
21...	<.009	<.006	<.04	<.01	--	--	.03	--	--	<.0020	<.004	--
22...	<.009	<.006	<.04	<.01	--	--	.03	--	--	<.0020	<.004	--
28...	<.009	<.006	M	<.01	--	--	E.05	--	--	<.0020	<.004	--
APR												
04...	<.009	<.006	<.04	<.01	--	--	.04	--	--	<.0020	<.004	--
20...	<.009	<.006	<.04	<.03	--	--	.03	--	--	<.0020	<.004	--
MAY												
02...	<.009	<.006	<.04	<2.36	--	--	.04	--	--	<.0020	<.004	--
26...	<.009	<.006	<.04	<.60	--	--	.04	--	--	<.0020	<.004	--
31...	<.009	<.006	<.04	<.76	--	--	<.01	--	--	<.0020	<.004	--
JUN												
07...	<.009	<.006	<.04	<.67	<.01	<.02	.02	<.014	<.004	<.002	<.004	<.005
20...	<.009	<.006	<.04	<.33	.01	<.02	E.19	<.014	<.004	<.002	<.004	<.005
JUL												
05...	<.009	<.006	<.04	<.01	.01	<.02	E3.66	<.014	<.004	<.002	<.004	<.005
20...	<.009	<.006	<.04	<.01	<.01	<.02	<.01	<.014	<.004	<.002	<.004	<.005
AUG												
08...	<.009	<.006	<.04	<.01	<.01	<.02	1.08	<.014	<.004	<.002	<.004	<.005
09...	<.009	<.006	<.04	E.01	<.01	<.02	.51	<.014	<.004	<.002	<.004	<.005
23...	<.009	<.006	<.04	<.01	<.01	<.02	.16	<.014	<.004	<.002	<.004	<.005
24...	<.009	E.016	<.04	<.01	<.01	<.02	.22	<.014	<.004	<.002	<.004	<.005
SEP												
06...	<.009	<.006	<.04	<.01	<.01	<.02	.23	<.014	<.004	<.002	<.004	<.005

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)
OCT												
13...	<.049	<.04	<.03	<.02	<.029	.013	<.024	E.009	<.04	E.02	<.003	<.003
NOV												
03...	<.049	<.04	<.03	<.02	<.029	E.009	E.007	E.006	<.04	.03	<.003	<.003
DEC												
07...	<.049	<.04	<.03	<.02	<.029	E.008	<.024	<.016	<.04	.02	<.003	<.003
JAN												
04...	<.049	<.04	<.03	<.02	<.029	<.013	<.024	<.016	<.04	E.01	<.003	<.003
FEB												
08...	<.049	<.04	<.03	<.02	<.029	<.013	<.024	<.016	<.04	E.01	<.003	<.003
22...	<.049	<.04	<.03	<.02	E.003	E.004	E.003	<.016	<.04	E.01	--	<.003
MAR												
07...	<.049	<.04	<.03	<.02	<.029	<.013	<.024	<.016	<.04	E.01	--	<.003
21...	<.049	<.04	<.03	<.02	<.029	E.008	<.024	<.016	<.04	E.01	--	<.003
22...	<.049	<.04	<.03	<.02	<.029	E.008	E.007	E.008	<.04	E.01	--	<.003
28...	<.049	<.04	<.03	<.02	E.002	E.003	E.003	E.015	<.04	<.02	--	<.003
APR												
04...	<.049	<.04	<.03	<.02	<.029	E.006	<.024	<.016	<.04	E.01	--	<.003
20...	<.049	<.04	<.03	<.02	<.029	E.006	E.006	E.012	<.04	E.01	--	<.003
MAY												
02...	<.049	<.04	<.03	<.02	<.029	E.006	<.024	E.009	<.04	.02	--	<.003
26...	<.049	<.04	<.03	<.02	E.006	E.006	E.006	E.007	E.01	E.03	--	<.003
31...	<.049	<.04	<.03	<.02	E.007	E.008	E.007	E.015	E.07	.15	--	<.003
JUN												
07...	<.049	<.04	<.03	<.02	E.007	E.007	E.006	E.008	<.04	.04	--	<.003
20...	<.049	<.04	<.03	<.02	E.007	E.008	E.007	E.008	<.04	E6.11	--	<.003
JUL												
05...	<.049	<.04	<.03	<.02	E.008	E.007	E.006	E.008	<.04	E5.05	--	<.003
20...	<.049	<.04	<.03	<.02	E.007	E.007	E.007	E.007	<.04	<.02	--	<.003
AUG												
08...	<.049	<.04	<.03	<.03	<.029	E.006	E.006	<.016	<.04	E1.31	--	<.003
09...	<.049	<.04	<.03	<.03	<.029	E.005	<.024	<.016	<.04	.20	--	<.003
23...	<.049	<.04	<.03	<.02	E.008	E.008	E.009	<.016	<.04	.49	--	<.003
24...	<.049	<.04	<.03	<.02	E.008	E.008	E.008	<.016	<.04	.92	--	<.003
SEP												
06...	<.049	<.04	<.03	<.02	E.013	.013	<.024	<.016	<.04	.13	--	<.003

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)
OCT												
13...	<.1	.6	<.013	E.02	E.11	<.020	<.387	<.003	<.01	<.030	.029	<.03
NOV												
03...	<.1	<.1	<.013	<.04	<.04	.034	<.387	<.003	<.01	<.030	E.020	<.03
DEC												
07...	<.1	.3	<.013	M	E.02	.037	<.387	<.003	<.01	<.030	.031	<.03
JAN												
04...	<.1	.1	<.013	<.04	E.03	<.020	<.387	<.003	<.01	<.030	<.027	<.03
FEB												
08...	<.1	.6	<.013	<.04	<.04	.032	<.387	<.003	<.01	<.030	<.027	<.03
22...	<.1	.4	<.013	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
MAR												
07...	<.1	.4	<.013	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
21...	<.1	.1	<.013	E.01	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
22...	<.1	2.4	<.013	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
28...	<.1	1.0	<.013	E.03	<.04	<.031	<.538	<.003	<.01	<.030	<.027	<.03
APR												
04...	<.1	.2	<.013	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
20...	<.1	.4	<.013	E.01	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
MAY												
02...	.6	.8	<.013	<.04	.10	.163	<.538	<.003	<.01	<.030	<.027	<.03
26...	<.1	.4	<.013	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
31...	<.1	1.2	<.013	E.11	.74	.023	<.538	<.003	<.01	<.030	<.027	<.03
JUN												
07...	<.1	1.1	<.013	<.04	.34	<.020	<.538	<.003	<.01	<.030	<.027	<.03
20...	<.1	<.1	<.013	<.04	.38	E.120	<.538	<.003	<.01	<.030	<.027	<.03
JUL												
05...	<.1	1.7	<.013	<.04	.21	.358	<.538	<.003	<.01	<.030	<.027	<.03
20...	<.1	1.3	<.013	<.04	.13	<.027	<.538	<.003	.30	<.030	<.027	<.03
AUG												
08...	<.1	1.7	<.013	<.04	<.04	.080	<.538	<.003	.19	<.030	<.027	<.03
09...	<.1	2.0	<.013	<.04	<.04	<.020	<.538	<.003	.02	<.030	<.027	<.03
23...	<.1	1.4	<.013	<.04	E.03	E.021	<.538	<.003	.02	<.030	.114	<.03
24...	<.1	1.0	<.013	<.04	<.04	<.020	<.538	<.003	.02	<.030	.066	<.03
SEP												
06...	<.1	.5	<.013	<.04	E.08	<.020	<.538	<.003	<.01	<.030	<.027	<.03

Remark codes:
< -- Less than
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07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)
OCT												
13...	<.01	<.01	<.031	<.006	<.010	<.020	<.03	<.015	E.094	<.006	<.03	--
NOV												
03...	<.01	.02	.018	<.006	<.010	<.020	<.03	<.015	.043	<.006	<.03	--
DEC												
07...	<.01	E.01	<.005	<.006	<.010	<.020	<.03	<.015	.048	<.025	<.03	--
JAN												
04...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.063	<.006	<.03	--
FEB												
08...	<.01	E.01	.011	<.006	<.010	<.020	<.03	<.015	.047	<.006	<.03	--
22...	<.01	<.01	<.020	<.006	<.010	<.020	<.03	<.015	.059	<.006	<.03	--
MAR												
07...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.033	<.006	<.03	--
21...	<.01	<.01	.007	<.006	<.010	<.020	<.03	<.015	.031	<.008	<.03	--
22...	<.01	<.01	.008	<.006	<.010	<.020	<.03	<.015	.034	<.006	<.03	--
28...	<.01	E.01	.014	<.006	<.010	<.020	<.03	<.015	.110	<.006	<.03	--
APR												
04...	<.01	E.01	.013	<.006	<.010	<.020	<.03	<.015	.191	<.006	<.03	--
20...	<.01	.03	.023	<.006	<.010	<.020	<.03	<.015	.200	<.006	<.03	--
MAY												
02...	<.01	.13	.115	<.006	<.010	<.020	<.03	<.015	.129	.015	<.03	--
26...	<.01	E.01	.048	<.006	--	--	<.03	<.015	.047	<.006	<.03	--
31...	<.01	.20	.143	<.006	<.010	<.020	<.03	<.015	.328	.010	<.03	--
JUN												
07...	<.01	.12	.098	<.006	<.010	<.020	<.03	<.015	.055	E.007	<.03	.085
20...	<.01	.24	.168	<.006	<.010	<.020	<.03	<.015	1.31	<.006	<.03	.074
JUL												
05...	<.01	.13	.104	<.006	<.010	<.020	<.03	<.015	1.01	<.006	<.03	.255
20...	<.01	.10	E.062	<.006	<.010	<.020	<.03	<.015	.063	<.006	<.03	.014
AUG												
08...	<.01	.02	.022	<.006	<.010	<.020	<.03	<.015	.296	<.006	<.03	.102
09...	<.01	.02	.024	<.006	<.010	<.020	<.03	<.015	.045	<.006	<.03	.038
23...	<.01	.02	.022	<.006	<.010	<.020	<.03	<.015	E.017	<.006	<.03	.013
24...	<.01	.02	.025	<.006	<.010	<.020	<.03	<.015	.013	<.006	<.03	.010
SEP												
06...	<.01	.02	<.020	<.006	<.010	<.020	<.03	<.015	.019	<.010	<.03	E.008

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)
OCT												
13...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
NOV												
03...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
DEC												
07...	<.008	<.04	<.01	<.04	E.02	<.01	<.03	--	E.007	<.10	<.011	<.05
JAN												
04...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
FEB												
08...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
22...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
MAR												
07...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
21...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	E.010	<.10	<.011	<.05
22...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	.087	<.10	<.011	<.05
28...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	.029	<.10	<.011	<.05
APR												
04...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10	<.011	<.05
20...	<.008	<.04	<.01	<.04	<.03	<.01	<.03	--	E.016	<.10	<.011	--
MAY												
02...	.014	<.04	<.01	<.04	.03	<.01	<.03	--	.105	<.10	<.011	<.05
26...	<.008	<.04	<.01	<.04	E.01	<.01	--	--	E.016	<.10	<.011	--
31...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	.211	<.10	<.011	--
JUN												
07...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	.041	<.10	<.011	--
20...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	.023	<.10	<.011	--
JUL												
05...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	<.05
20...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	--
AUG												
08...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	E.013	<.10	<.011	--
09...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	<.05
23...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	<.05
24...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	<.05
SEP												
06...	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10	<.011	<.05

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)
OCT												
13...	<.008	<.03	E.01	.012	<.004	--	--	<.030	E.09	<.008	<.02	.014
NOV												
03...	<.008	<.03	.02	.009	<.004	--	--	<.030	<.03	<.008	<.02	.202
DEC												
07...	<.008	<.03	.02	.009	<.009	--	--	<.030	<.01	<.008	<.02	.122
JAN												
04...	<.008	<.03	.01	<.010	<.004	--	--	<.030	<.01	<.008	<.02	.015
FEB												
08...	<.008	<.03	<.01	.009	<.004	--	--	<.030	<.01	<.008	<.02	.013
22...	<.008	--	<.01	<.005	<.004	--	--	<.030	<.01	<.008	<.02	.019
MAR												
07...	<.008	--	E.01	<.005	<.004	--	--	<.030	<.01	<.008	<.02	.028
21...	<.008	--	.01	.008	<.004	--	--	<.030	<.01	<.008	<.02	.074
22...	<.008	--	<.01	.008	<.004	--	--	<.030	<.01	<.008	<.02	.077
28...	<.008	--	E.01	<.005	<.004	--	--	<.030	<.01	<.008	<.02	.604
APR												
04...	<.008	<.03	<.01	.007	<.004	--	--	<.030	<.01	<.008	<.02	.079
20...	<.008	<.03	<.01	.005	<.004	--	--	<.030	.05	<.008	<.02	.024
MAY												
02...	<.008	<.03	<.01	.008	<.004	--	--	<.030	<.01	<.008	<.02	.020
26...	--	--	<.01	.007	<.004	--	--	<.030	.02	--	<.02	.013
31...	--	<.03	<.01	<.005	<.004	--	--	<.030	<.01	<.008	<.02	.042
JUN												
07...	--	<.03	<.01	<.005	<.004	E.006	<.02	<.030	<.01	<.008	<.02	.015
20...	--	<.03	<.02	.012	<.004	<.011	<.02	<.030	<.01	<.008	<.02	.010
JUL												
05...	<.008	<.03	<.01	.019	<.004	<.011	<.02	<.030	.04	<.008	<.02	<.007
20...	--	<.03	<.01	.017	<.004	<.011	<.02	<.030	.30	<.008	<.02	.008
AUG												
08...	--	<.03	<.01	E.007	<.004	<.011	<.02	<.030	E1.46	<.008	<.02	.008
09...	<.008	<.03	<.01	<.008	<.004	<.011	<.02	<.030	E1.72	<.008	<.02	.023
23...	<.008	<.03	<.01	E.007	<.004	<.011	<.02	<.030	.84	<.008	<.02	<.006
24...	<.008	<.03	<.01	E.007	<.004	<.011	<.02	<.030	.74	<.008	<.02	<.005
SEP												
06...	<.008	<.03	<.01	.015	<.004	<.011	<.02	<.030	.32	<.008	<.02	<.010

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-benuron water, fltrd, ug/L (61159)	Tribu-phos, water, fltrd, ug/L (61610)
OCT												
13...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
NOV												
03...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
DEC												
07...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
JAN												
04...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
FEB												
08...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
22...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
MAR												
07...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
21...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
22...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
28...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
APR												
04...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
20...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
MAY												
02...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
26...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
31...	<.038	--	<.02	--	<.016	<.07	<.02	<.01	--	--	--	--
JUN												
07...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.064	.03	--	<.004
20...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.201	E.02	--	<.004
JUL												
05...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.069	E.07	--	<.004
20...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.012	E.26	--	<.004
AUG												
08...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.014	E1.86	--	<.004
09...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	.014	E1.34	--	<.004
23...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	<.010	E.59	--	<.004
24...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	<.010	E.55	--	<.004
SEP												
06...	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01	<.010	E.33	--	<.004

Remark codes:
< -- Less than
E -- Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Di-chlor-vos, water fltrd, ug/L (38775)
OCT			
13...	.13	<.009	<.01
NOV			
03...	<.13	<.009	<.01
DEC			
07...	<.03	<.009	<.01
JAN			
04...	<.03	<.009	<.01
FEB			
08...	<.03	<.009	<.01
22...	<.03	<.009	<.01
MAR			
07...	<.03	<.009	<.01
21...	<.03	<.009	<.01
22...	<.03	E.005	<.01
28...	<.03	E.002	<.01
APR			
04...	<.03	<.009	<.01
20...	<.03	<.009	<.01
MAY			
02...	<.56	E.005	<.01
26...	<.03	<.009	<.01
31...	<.03	E.007	<.01
JUN			
07...	<.14	E.004	<.01
20...	<.03	<.009	<.01
JUL			
05...	E.23	<.009	<.01
20...	E.18	<.009	<.01
AUG			
08...	.14	<.009	<.01
09...	.09	<.009	<.01
23...	E.08	<.009	<.01
24...	<.03	<.009	<.01
SEP			
06...	<.03	<.009	<.01

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						
02...	1100	16.4	140	153.5	E2.6	E7.2

Remark codes:
< -- Less than
E -- Estimated

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.--No estimated daily discharges. Records good. 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, 2004, and 2005.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 569 ft^3/s, Dec. 9, maximum gage height 11.18 ft, Dec. 9, no flow many days throughout the water year.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	21	404	153	65	69	111	88	164	0.00	42	44
2	0.00	135	415	132	107	71	88	197	164	0.00	32	39
3	0.00	191	413	116	117	73	67	201	151	0.31	26	31
4	0.00	334	391	110	168	69	52	159	134	4.3	19	22
5	0.00	374	375	101	184	62	41	118	115	7.5	12	14
6	0.00	366	388	92	168	55	39	85	98	12	8.1	9.1
7	0.00	336	467	138	153	55	38	61	82	22	5.1	5.6
8	0.00	290	490	157	139	55	49	45	66	28	3.0	3.2
9	0.00	234	557	238	142	60	61	33	54	34	2.2	1.6
10	23	185	554	292	151	69	62	25	69	46	2.8	0.60
11	71	156	530	281	145	75	138	19	139	57	1.5	0.07
12	183	127	503	243	128	75	255	14	183	61	0.32	0.00
13	262	102	474	258	112	70	391	9.7	179	52	0.37	0.00
14	255	84	442	282	99	61	446	8.0	154	43	1.3	0.00
15	210	71	397	355	85	56	439	8.8	124	73	3.1	0.00
16	159	60	350	361	78	55	404	23	95	82	4.0	0.00
17	115	52	299	332	74	53	354	66	73	66	4.5	0.00
18	78	45	245	287	75	49	297	77	55	52	4.8	0.00
19	51	42	200	241	73	46	238	66	40	45	4.8	0.00
20	32	40	164	200	70	40	183	51	29	40	4.6	0.00
21	21	48	137	167	65	34	142	38	22	41	4.4	0.00
22	15	58	183	142	60	59	111	27	17	47	4.1	0.00
23	30	119	252	121	69	49	86	20	11	30	5.3	0.00
24	53	314	365	106	77	42	67	15	7.9	19	12	0.00
25	79	331	411	95	68	41	53	11	7.3	12	11	265
26	82	395	407	86	72	37	48	7.4	4.7	8.6	9.7	292
27	70	433	376	77	73	36	40	6.2	2.5	7.9	9.3	338
28	55	418	330	73	71	58	33	15	1.4	13	9.5	365
29	42	393	279	70	---	119	30	50	0.30	22	21	339
30	32	443	227	66	---	137	42	84	0.00	40	68	289
31	25	---	184	66	---	127	---	136	---	48	50	---
TOTAL	1943.00	6197	11209	5438	2888	1957	4405	1764.1	2242.10	1013.61	385.79	2058.17
MEAN	62.7	207	362	175	103	63.1	147	56.9	74.7	32.7	12.4	68.6
MAX	262	443	557	361	184	137	446	201	183	82	68	365
MIN	0.00	21	137	66	60	34	30	6.2	0.00	0.00	0.32	0.00
CFSM	0.78	2.58	4.52	2.19	1.29	0.79	1.84	0.71	0.93	0.41	0.16	0.86
IN.	0.90	2.88	5.21	2.53	1.34	0.91	2.05	0.82	1.04	0.47	0.18	0.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	36.0	96.8	148	128	180	107	106	37.6	38.9	54.7	15.4	22.5
MAX	61.9	205	360	245	256	151	159	56.1	75.2	167	39.3	69.9
(WY)	2005	2005	2005	2002	2002	2002	2002	2005	2005	2004	2004	2005
MIN	1.16	40.4	9.01	46.9	98.2	58.2	48.2	22.3	8.97	8.00	4.01	0.77
(WY)	2004	2004	2004	2004	2005	2005	2004	2003	2002	2003	2003	2003

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	41186.99		40896.77			
ANNUAL MEAN	113		112		74.9	
HIGHEST ANNUAL MEAN					112	2005
LOWEST ANNUAL MEAN					48.5	2003
HIGHEST DAILY MEAN	553	Dec 9	553	Dec 9	774	Dec 17 2001
LOWEST DAILY MEAN	0.00	Jan 22	0.00	Oct 1	0.00	Jun 20 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 11	0.00	Oct 1	0.00	Jun 20 2002
MAXIMUM PEAK FLOW			569	Dec 9	800	Dec 17 2001
MAXIMUM PEAK STAGE			11.18	Dec 9	12.49	Dec 17 2001
ANNUAL RUNOFF (CFSM)	1.41		1.40		0.937	
ANNUAL RUNOFF (INCHES)	19.15		19.02		12.72	
10 PERCENT EXCEEDS	355		346		233	
50 PERCENT EXCEEDS	58		63		32	
90 PERCENT EXCEEDS	0.00		2.4		0.00	

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 2004.
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. 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.
pH: Maximum, 9.4 units, Apr. 29, May 7, 8, 2004; minimum, 6.6 units on several days in water years 2004 and 2005.
SPECIFIC CONDUCTANCE: Maximum, 694 microsiemens, Nov. 20, 2003; minimum, 44 microsiemens, Jan. 27, 28, 2002.
WATER TEMPERATURE: Maximum, 34.4°C, July 17, 2003, June 2, Aug. 20, 2005; minimum, 1.4°C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--
TURBIDITY: Maximum, 800 NTU, May 4; minimum, 9.0 NTU, Aug. 25.
pH: Maximum, 8.9 units, May 19; minimum, 6.6 units on several days in water year.
SPECIFIC CONDUCTANCE: Maximum, 520 microsiemens, July 16; minimum, 68 microsiemens, Nov. 24.
WATER TEMPERATURE: Maximum, 34.4°C, June 2, Aug. 20; minimum, 1.4°C, Dec. 27.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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												
13...	1320	256	--	134	--	--	--	--	--	--	44	--
13...	1321	--	1.00	--	11	--	2.8	6.9	167	19.9	--	27.0
13...	1322	--	2.00	--	8.4	--	2.8	6.9	167	19.8	--	27.0
13...	1323	--	1.00	--	11	--	2.8	6.9	167	19.8	--	47.0
13...	1324	--	2.00	--	12	--	2.8	6.9	167	19.8	--	47.0
13...	1325	--	3.00	--	--	--	2.8	6.9	167	19.8	--	47.0
13...	1326	--	4.00	--	12	--	2.1	6.9	167	19.8	--	47.0
13...	1327	--	1.00	--	12	--	2.7	6.9	167	19.7	--	67.0
13...	1328	--	2.00	--	12	--	2.7	6.9	167	19.7	--	67.0
13...	1329	--	3.00	--	14	--	2.7	6.9	167	19.6	--	67.0
13...	1330	--	1.00	--	12	--	2.7	6.9	166	19.7	--	87.0
13...	1331	--	2.00	--	12	--	2.7	6.9	166	19.7	--	87.0
13...	1332	--	3.00	--	13	--	2.7	6.9	166	19.7	--	87.0
13...	1333	--	4.00	--	13	--	2.7	6.9	166	19.7	--	87.0
13...	1334	--	1.00	--	13	--	2.7	6.9	166	19.7	--	107
13...	1335	--	2.00	--	12	--	2.7	6.9	165	19.7	--	107
13...	1336	--	3.00	--	10	--	2.7	6.9	165	19.7	--	107
13...	1337	--	4.00	--	10	--	2.7	6.9	165	19.7	--	107
NOV												
17...	1320	52	--	120	--	773	--	--	--	--	59	--
17...	1321	--	1.00	--	51	--	--	7.2	157	16.0	--	20.0
17...	1322	--	2.00	--	58	--	--	7.1	155	15.2	--	20.0
17...	1323	--	1.00	--	51	--	--	7.2	156	15.7	--	40.0
17...	1324	--	2.00	--	60	--	--	7.1	155	14.9	--	40.0
17...	1325	--	3.00	--	62	--	--	7.1	154	14.8	--	40.0
17...	1326	--	1.00	--	44	--	--	7.2	156	15.9	--	60.0
17...	1327	--	2.00	--	50	--	--	7.1	154	15.0	--	60.0
17...	1328	--	3.00	--	54	--	--	7.1	153	14.8	--	60.0
17...	1329	--	1.00	--	44	--	--	7.2	155	15.8	--	80.0
17...	1330	--	2.00	--	48	--	--	7.2	155	15.4	--	80.0
17...	1331	--	3.00	--	56	--	--	7.1	153	14.8	--	80.0
17...	1332	--	1.00	--	48	--	--	7.2	155	15.8	--	100
17...	1333	--	2.00	--	48	--	--	7.2	155	15.6	--	100
17...	1334	--	3.00	--	52	--	--	7.1	154	15.9	--	100
DEC												
21...	1600	132	--	--	--	--	--	--	--	--	91	--
21...	1601	--	1.00	--	90	--	11.4	6.9	124	7.1	--	93.0
JAN												
11...	1345	281	--	130	--	768	--	--	--	--	305	--
11...	1346	--	1.00	--	200	--	10.6	7.3	120	11.4	--	85.0
FEB												
02...	1410	110	--	125	--	769	--	--	--	--	111	--
02...	1411	--	1.00	--	100	--	11.1	7.5	166	7.4	--	85.0
18...	1145	75	--	120	--	780	--	--	--	--	116	--
18...	1146	--	1.00	--	79	--	10.0	7.4	193	12.4	--	80.0
MAR												
10...	1415	69	--	120	--	766	--	--	--	--	64	--
10...	1416	--	1.00	--	32	--	9.4	7.8	229	14.9	--	70.0
29...	1245	123	--	125	--	763	--	--	--	--	55	--
29...	1246	--	1.00	--	24	--	14.7	8.2	303	17.5	--	85.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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												
26...	1300	48	--	120	--	764	--	--	--	--	74	--
26...	1301	--	2.00	--	47	--	9.8	8.0	190	19.5	--	70.0
MAY												
09...	1145	34	--	118	--	769	--	--	--	--	366	--
09...	1146	--	2.00	--	360	--	3.7	6.8	133	20.5	--	85.0
20...	1120	53	--	120	--	766	--	--	--	--	--	--
20...	1121	--	2.00	--	20	--	13.8	8.3	292	25.7	--	80.0
26...	1415	7.4	--	115	--	770	--	--	--	--	56	--
26...	1416	--	2.00	--	33	--	15.2	8.1	254	27.0	--	77.0
JUN												
01...	1400	166	--	125	--	762	--	--	--	--	--	--
01...	1401	--	2.00	--	23	--	7.2	7.6	216	23.9	--	85.0
15...	1330	124	--	125	--	768	--	--	--	--	145	--
15...	1331	--	1.00	--	150	--	--	6.9	113	29.0	--	65.0
15...	1332	--	2.00	--	160	--	--	6.8	114	28.3	--	85.0
JUL												
13...	1215	52	--	120	--	769	--	--	--	--	61	--
13...	1216	--	1.00	--	16	--	--	7.9	358	29.4	--	61.0
13...	1217	--	2.00	--	20	--	--	7.7	360	27.9	--	61.0
13...	1218	--	2.00	--	22	--	--	7.7	358	28.0	--	81.0
AUG												
02...	1305	32	--	118	--	771	--	--	--	--	54	--
02...	1306	--	2.00	--	30	--	--	7.2	232	30.1	--	60.0
02...	1307	--	2.00	--	37	--	--	7.1	231	30.0	--	80.0
22...	1145	4.5	--	100	--	--	--	--	--	--	--	--
22...	1146	--	1.00	--	26	--	--	7.8	358	32.4	--	55.0
22...	1147	--	2.00	--	24	--	--	7.5	355	31.2	--	55.0
SEP												
06...	1400	8.7	--	105	--	775	--	--	--	--	51	--
06...	1401	--	1.00	--	16	--	--	7.6	344	27.8	--	57.0
06...	1402	--	2.00	--	20	--	--	7.5	377	27.5	--	57.0
06...	1403	--	2.00	--	32	--	--	7.3	344	27.1	--	77.0
13...	1345	.00	--	113	--	771	--	--	--	--	62	--
13...	1346	--	1.00	--	18	--	--	7.8	389	29.3	--	56.0
13...	1347	--	2.00	--	18	--	--	7.8	385	28.0	--	56.0
13...	1348	--	2.00	--	30	--	--	7.4	381	26.5	--	76.0
20...	1300	.00	--	110	--	771	--	--	--	--	--	--
20...	1301	--	2.00	--	21	--	--	7.2	413	29.3	--	75.0

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	59	34	48	51	33	41	240	200	210	110	95	100
2	55	37	46	150	44	89	350	190	240	98	92	95
3	54	33	44	790	62	280	360	250	290	98	91	94
4	59	33	46	320	93	140	310	250	280	93	88	90
5	85	41	54	240	150	210	290	210	250	91	83	87
6	56	35	47	200	130	160	240	180	210	110	82	94
7	47	31	41	120	100	110	250	190	220	110	73	95
8	43	31	37	100	75	91	290	200	230	160	97	120
9	40	26	34	77	59	68	360	270	320	160	100	120
10	44	26	36	63	58	60	340	290	320	220	94	160
11	56	37	46	69	56	61	340	270	310	---	---	---
12	56	22	36	71	62	66	290	220	250	---	---	---
13	31	---	---	74	62	67	240	200	230	---	---	---
14	32	25	29	77	62	70	220	180	200	---	---	---
15	29	24	27	---	---	---	190	150	170	---	---	---
16	27	18	24	---	---	---	170	150	160	---	---	---
17	22	16	20	---	---	---	150	130	140	---	---	---
18	23	15	18	46	39	43	140	110	120	---	---	---
19	20	15	17	50	41	44	120	110	120	---	---	---
20	20	14	16	46	36	42	110	100	110	---	---	---
21	23	15	19	41	35	38	100	85	93	---	---	---
22	22	15	18	44	35	41	120	82	92	---	---	---
23	26	15	19	140	42	57	160	110	130	---	---	---
24	29	17	23	360	120	200	490	130	190	---	---	---
25	46	21	28	470	160	290	630	360	480	---	---	---
26	97	46	73	360	140	270	440	250	320	---	---	---
27	49	44	46	470	300	370	290	190	230	---	---	---
28	66	45	55	430	250	340	200	150	170	---	---	---
29	61	32	48	260	170	210	150	130	140	---	---	---
30	33	27	29	260	170	210	130	120	130	---	---	---
31	37	27	31	---	---	---	120	110	120	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	86	64	72	380	240	330	130	43	89
2	---	---	---	74	59	68	360	220	300	85	54	64
3	250	110	170	65	57	60	220	140	190	680	74	370
4	730	210	400	72	65	69	160	95	130	800	680	750
5	210	110	140	66	56	60	100	67	83	760	660	710
6	220	130	160	60	54	55	75	41	56	670	540	590
7	250	200	230	61	49	53	53	44	49	550	460	490
8	200	180	190	58	51	53	56	43	48	470	360	420
9	250	190	220	57	50	53	59	47	53	370	290	330
10	210	170	190	52	36	43	51	31	42	300	260	280
11	210	130	160	69	39	59	390	29	87	270	210	240
12	130	120	120	56	47	51	720	200	350	220	160	190
13	150	130	140	52	43	45	750	330	480	170	120	150
14	150	130	140	77	52	67	650	510	600	140	82	110
15	130	110	120	65	47	51	640	390	530	91	65	79
16	120	110	110	64	48	55	400	250	340	74	53	65
17	110	94	100	62	44	50	290	190	220	59	36	48
18	99	74	84	46	39	44	220	180	200	46	34	40
19	86	77	83	46	39	41	210	170	180	43	31	37
20	85	70	78	43	38	41	180	140	160	35	19	28
21	71	61	66	43	37	39	140	99	120	---	---	---
22	62	56	59	44	34	38	110	89	99	---	---	---
23	60	55	57	82	44	58	96	87	91	---	---	---
24	110	54	70	100	59	86	96	79	88	39	27	35
25	140	81	110	61	41	47	88	68	81	48	32	39
26	400	100	190	51	40	44	82	43	61	---	---	---
27	400	140	240	56	43	50	57	45	49	---	---	---
28	140	85	110	54	43	48	56	45	51	---	---	---
29	---	---	---	50	27	38	48	40	43	---	---	---
30	---	---	---	38	30	33	46	40	43	---	---	---
31	---	---	---	610	38	280	---	---	---	---	---	---

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	---	---	---	---	---	---	97	67	82	32	20	27
2	---	---	---	---	---	---	100	19	59	38	26	30
3	---	---	---	---	---	---	34	19	27	39	23	31
4	---	---	---	---	---	---	31	18	24	45	36	39
5	---	---	---	---	---	---	32	22	26	60	39	51
6	---	---	---	---	---	---	34	19	29	61	18	38
7	---	---	---	---	---	---	32	19	26	28	17	22
8	---	---	---	---	---	---	34	22	29	24	13	20
9	---	---	---	---	---	---	39	22	32	27	16	23
10	---	---	---	---	---	---	33	22	27	29	18	24
11	---	---	---	---	---	---	29	19	23	33	15	25
12	---	---	---	---	---	---	28	19	24	33	14	23
13	---	---	---	19	10	14	29	18	24	32	20	27
14	---	---	---	29	11	22	26	13	22	---	---	---
15	---	---	---	28	18	24	28	15	22	---	---	---
16	---	---	---	29	21	26	27	17	22	---	---	---
17	---	---	---	34	25	29	30	19	25	---	---	---
18	---	---	---	35	22	29	33	19	25	---	---	---
19	---	---	---	31	10	21	30	19	24	---	---	---
20	---	---	---	28	10	22	32	21	27	22	16	19
21	---	---	---	37	20	26	37	23	30	28	18	23
22	---	---	---	32	19	26	36	23	30	42	21	29
23	---	---	---	29	17	25	39	27	33	42	28	34
24	---	---	---	40	25	31	41	13	29	41	29	34
25	---	---	---	47	27	37	16	9.0	12	70	37	51
26	---	---	---	47	30	39	24	11	16	37	19	27
27	---	---	---	53	34	44	30	17	25	35	18	24
28	---	---	---	59	48	54	28	16	21	88	35	72
29	---	---	---	51	38	41	29	17	24	82	37	58
30	---	---	---	61	40	48	33	22	25	39	28	32
31	---	---	---	77	58	67	27	17	22	---	---	---

Dissolved oxygen, water, unfiltered, milligrams per liter

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	7.3	3.8	5.2	---	---	---
4	---	---	---	---	---	---	6.5	2.8	4.6	---	---	---
5	---	---	---	---	---	---	8.9	3.1	5.6	---	---	---
6	---	---	---	---	---	---	6.9	2.5	4.6	---	---	---
7	---	---	---	---	---	---	7.1	1.5	4.1	---	---	---
8	---	---	---	---	---	---	6.6	2.6	5.0	---	---	---
9	---	---	---	---	---	---	6.6	2.7	4.6	---	---	---
10	---	---	---	---	---	---	5.7	1.6	3.0	---	---	---
11	---	---	---	---	---	---	6.6	1.1	3.1	---	---	---
12	---	---	---	---	---	---	6.9	0.6	2.6	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	5.4	2.3	3.8
18	---	---	---	---	---	---	---	---	---	8.5	2.2	4.6
19	---	---	---	---	---	---	---	---	---	9.2	2.5	5.0
20	---	---	---	---	---	---	---	---	---	6.7	1.5	4.2
21	---	---	---	---	---	---	---	---	---	5.9	2.2	3.4
22	---	---	---	---	---	---	---	---	---	4.3	1.7	2.8
23	---	---	---	---	---	---	---	---	---	3.8	1.4	2.5
24	---	---	---	---	---	---	---	---	---	3.7	1.8	2.7
25	---	---	---	---	---	---	---	---	---	6.0	3.0	4.6
26	---	---	---	---	---	---	---	---	---	3.0	0.6	1.3
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	7.4	7.2	7.1	7.0	7.0	7.2	7.2	7.6	7.5	7.8	7.6
2	7.8	7.4	7.2	7.0	7.0	7.0	7.2	7.2	7.6	7.6	7.8	7.7
3	7.6	7.4	7.0	6.8	7.1	7.0	7.2	7.2	7.6	7.5	7.7	7.7
4	7.5	7.4	7.0	6.9	7.1	7.1	7.2	7.2	7.5	7.4	7.7	7.6
5	7.6	7.4	6.9	6.8	7.1	7.0	7.2	7.2	7.5	7.5	7.7	7.6
6	7.6	7.3	6.9	6.8	7.1	7.0	7.3	7.2	7.5	7.5	7.9	7.7
7	7.7	7.3	6.9	6.9	7.1	7.0	7.4	7.3	7.5	7.4	7.9	7.8
8	7.4	7.2	7.0	6.9	7.0	7.0	7.3	7.3	7.4	7.4	8.0	7.7
9	7.5	7.2	7.0	7.0	7.0	7.0	7.3	7.2	7.4	7.3	7.9	7.8
10	7.5	7.2	7.0	7.0	7.0	7.0	7.4	7.3	7.4	7.4	8.0	7.8
11	7.2	6.8	7.0	7.0	7.0	7.0	7.4	7.3	7.5	7.4	7.9	7.8
12	7.0	6.7	7.1	7.0	7.0	7.0	7.3	7.2	7.5	7.5	8.0	7.8
13	6.8	6.6	7.1	7.1	7.0	7.0	7.3	7.2	7.5	7.4	8.2	7.8
14	6.9	6.8	7.1	7.1	7.0	7.0	7.3	7.3	7.5	7.4	8.1	7.8
15	6.9	6.9	7.1	7.1	7.1	7.0	7.3	7.3	7.5	7.4	8.1	7.9
16	6.9	6.9	7.2	7.1	7.1	7.1	7.4	7.3	7.5	7.4	8.0	7.9
17	7.0	6.9	7.4	7.1	7.1	7.1	7.3	7.3	7.6	7.5	8.1	7.9
18	7.0	7.0	7.4	7.3	7.2	7.1	7.3	7.3	7.6	7.6	8.2	8.0
19	7.1	7.0	7.4	7.3	7.2	7.2	7.3	7.3	7.6	7.5	8.2	8.0
20	7.1	7.0	7.3	7.3	7.3	7.2	7.3	7.3	7.5	7.5	8.2	8.0
21	7.1	7.0	7.3	7.2	7.4	7.3	7.4	7.3	7.6	7.5	8.2	7.9
22	7.1	7.0	7.2	7.2	7.4	7.3	7.5	7.4	7.7	7.6	8.1	7.9
23	7.2	7.1	7.2	7.1	7.4	7.4	7.6	7.5	7.7	7.6	8.1	7.8
24	7.1	7.0	7.1	7.0	7.4	7.2	7.6	7.6	7.6	7.6	8.1	7.8
25	7.1	7.0	7.1	7.0	7.2	7.2	7.6	7.6	7.7	7.6	8.8	8.1
26	7.0	6.9	7.1	7.0	7.2	7.1	7.6	7.5	7.7	7.5	8.8	8.2
27	6.9	6.9	7.1	7.0	7.2	7.1	7.6	7.6	7.5	7.5	8.5	8.1
28	6.9	6.9	7.0	7.0	7.2	7.1	7.6	7.6	7.6	7.5	8.5	7.9
29	7.0	6.9	7.1	7.0	7.2	7.1	7.6	7.6	---	---	8.3	8.1
30	7.2	7.0	7.0	7.0	7.2	7.1	7.6	7.6	---	---	8.1	7.8
31	7.1	7.0	---	---	7.2	7.2	7.6	7.5	---	---	7.8	7.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.5	7.4	7.6	7.3	7.6	7.3	7.7	7.1	7.2	7.0	7.5	7.3
2	7.4	7.4	7.8	7.5	7.5	7.1	8.2	7.2	7.3	7.0	7.5	7.3
3	7.4	7.4	7.5	7.1	7.3	7.0	7.4	7.2	7.3	7.1	7.5	7.3
4	7.4	7.4	7.1	6.9	7.0	6.9	7.5	7.2	7.3	7.1	7.5	7.3
5	7.7	7.4	6.9	6.9	7.1	6.9	7.9	7.2	7.6	7.1	7.4	7.3
6	8.5	7.6	6.9	6.9	7.4	7.0	7.7	7.2	7.5	7.1	7.5	7.2
7	8.1	7.8	7.0	6.9	7.8	7.2	7.7	7.2	7.5	7.1	7.5	7.3
8	8.4	7.7	7.0	6.9	7.7	7.2	7.3	7.1	7.5	7.2	7.7	7.3
9	8.3	7.9	7.2	6.9	7.6	7.1	7.4	7.2	7.6	7.2	7.6	7.4
10	8.7	8.2	7.1	7.0	7.4	7.0	7.4	7.2	7.5	7.2	7.7	7.4
11	8.7	7.5	7.1	7.0	7.3	7.0	7.4	7.2	7.5	7.1	7.6	7.4
12	7.5	7.1	7.4	7.0	7.4	7.1	7.6	7.3	7.5	7.1	7.8	7.4
13	7.1	7.1	8.4	7.1	7.2	6.7	8.1	7.3	7.5	7.2	---	---
14	7.1	6.9	8.6	7.1	6.7	6.6	7.9	7.5	7.5	7.2	---	---
15	6.9	6.9	8.8	7.4	6.8	6.6	7.8	7.5	7.7	7.2	---	---
16	7.0	6.9	8.5	7.5	6.9	6.7	7.6	7.5	7.8	7.2	---	---
17	7.0	7.0	8.7	7.6	6.9	6.8	7.5	7.3	7.7	7.2	7.5	7.4
18	7.1	7.0	8.6	8.0	6.9	6.8	7.4	7.3	7.6	7.2	7.8	7.4
19	7.1	7.1	8.9	7.9	7.1	6.9	7.4	7.2	7.6	7.2	7.9	7.4
20	7.2	7.1	8.8	7.9	7.5	7.0	7.4	7.2	7.9	7.3	7.7	7.4
21	7.3	7.2	8.7	8.0	7.8	7.2	7.9	7.1	7.7	7.2	7.7	7.4
22	7.7	7.3	8.8	8.0	7.9	7.2	7.3	7.0	7.9	7.3	7.5	7.4
23	7.8	7.4	8.8	8.1	7.9	7.2	7.4	7.0	7.5	7.3	7.5	7.4
24	8.2	7.5	8.7	7.9	7.6	7.2	7.7	7.0	7.4	7.2	7.6	7.4
25	8.3	7.6	8.1	7.5	7.3	7.0	7.4	7.0	7.3	7.2	7.7	7.0
26	8.7	7.9	8.7	7.5	7.3	7.1	7.3	7.0	7.3	7.2	7.0	6.7
27	8.7	7.9	8.6	7.7	7.7	7.1	7.9	7.0	7.3	7.2	6.8	6.6
28	8.3	7.8	8.2	7.6	7.9	7.2	7.2	7.0	7.3	7.2	6.7	6.6
29	8.1	7.7	7.7	7.3	7.6	7.2	7.1	7.0	7.5	7.3	6.7	6.6
30	7.8	7.5	7.3	7.2	7.5	7.2	7.2	7.0	7.5	7.3	6.7	6.7
31	---	---	7.4	7.2	---	---	7.2	7.0	7.4	7.3	---	---

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	307	297	301	195	182	189	97	88	94	113	105	110
2	316	306	310	182	116	136	99	96	97	123	113	119
3	317	310	313	147	118	131	104	96	101	132	122	127
4	321	315	318	143	115	128	104	101	102	142	132	137
5	331	319	324	115	100	104	111	99	103	150	142	146
6	355	327	337	110	100	105	108	96	101	154	149	151
7	359	348	353	119	110	115	98	89	92	154	120	142
8	359	354	356	126	119	122	98	92	94	141	112	127
9	354	336	345	131	126	129	98	87	92	155	132	146
10	336	214	296	133	131	132	87	82	85	150	136	144
11	217	156	186	134	131	132	83	81	82	147	113	127
12	439	174	284	137	131	135	86	83	84	115	112	113
13	182	161	170	141	137	139	92	86	89	116	106	111
14	166	154	159	143	140	141	92	91	92	113	106	108
15	154	153	154	149	142	144	95	92	94	122	113	118
16	157	153	155	152	147	149	100	95	98	128	91	115
17	159	156	157	160	151	155	104	100	101	93	87	89
18	160	157	158	163	158	160	109	104	107	101	93	99
19	162	158	159	164	158	161	115	109	112	104	101	102
20	166	161	164	171	164	166	121	115	118	112	104	108
21	175	165	170	170	163	167	127	120	124	120	112	116
22	182	170	175	170	152	163	128	114	123	129	120	125
23	182	162	172	162	96	152	114	106	109	134	129	132
24	182	164	176	99	68	82	117	96	108	143	134	140
25	199	172	186	118	85	102	98	84	93	150	143	146
26	172	168	171	131	118	125	84	71	75	155	149	152
27	168	148	157	124	93	103	83	72	79	164	155	159
28	166	147	152	97	93	94	84	82	82	165	158	162
29	204	166	186	101	95	99	90	84	87	166	160	163
30	216	201	209	95	87	89	97	90	94	168	165	167
31	203	195	199	---	---	---	105	97	101	168	166	167
		FEBRUARY			MARCH			APRIL			MAY	
1	171	168	169	227	214	223	212	156	179	227	206	216
2	170	154	162	228	221	224	157	148	152	237	227	232
3	174	158	166	234	227	231	155	148	150	230	140	190
4	169	141	154	232	226	228	176	155	164	140	104	113
5	173	154	165	238	230	235	208	176	193	105	102	103
6	162	146	157	242	236	238	226	208	215	111	105	107
7	150	142	144	241	221	233	239	226	235	119	111	115
8	155	148	152	224	217	221	241	219	233	131	119	125
9	149	137	142	225	215	218	221	209	215	141	131	136
10	149	141	146	232	223	227	252	211	224	151	141	146
11	158	148	154	235	230	232	294	229	273	157	148	153
12	176	156	165	245	235	241	233	131	183	171	155	164
13	180	176	178	243	226	238	131	110	123	181	167	172
14	183	178	180	226	202	209	125	92	106	199	179	185
15	187	183	185	227	209	221	102	92	97	194	182	188
16	188	183	185	227	219	222	107	101	103	209	191	199
17	198	185	191	247	221	234	119	107	112	218	194	202
18	198	194	196	253	245	250	132	119	124	245	216	234
19	204	198	201	258	253	256	139	132	137	270	232	245
20	212	204	209	262	256	258	147	139	143	303	270	291
21	224	212	218	268	261	263	159	147	152	316	286	304
22	231	222	227	269	224	247	167	159	163	294	275	287
23	229	201	220	252	244	248	178	165	171	278	241	265
24	203	189	197	281	250	262	182	175	177	246	220	232
25	196	188	193	285	274	278	189	182	184	248	223	238
26	200	172	189	289	276	283	194	189	192	262	246	254
27	198	172	187	290	281	287	204	194	200	256	250	254
28	214	196	205	299	281	292	213	204	209	257	241	253
29	---	---	---	309	295	303	221	212	218	244	199	218
30	---	---	---	317	299	307	215	193	205	234	201	217
31	---	---	---	303	183	230	---	---	---	305	192	225

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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	340	193	264	234	223	227	259	231	251	444	404	418
2	193	179	184	268	229	242	254	227	237	407	358	382
3	191	187	189	253	244	249	239	227	232	363	325	338
4	192	178	186	272	253	261	253	237	243	334	322	326
5	180	170	174	297	272	281	253	246	250	347	332	339
6	173	168	170	299	289	294	264	252	256	356	345	350
7	174	168	171	306	287	293	272	258	265	362	353	357
8	177	170	173	308	301	305	276	270	272	363	360	362
9	178	173	176	391	303	349	301	275	283	369	362	364
10	188	174	181	422	366	401	306	282	285	377	364	370
11	196	172	186	416	355	383	297	286	290	382	373	377
12	198	171	186	413	336	368	306	287	298	383	377	380
13	173	106	131	406	344	369	312	302	307	---	---	---
14	110	102	106	448	406	430	318	308	312	---	---	---
15	122	104	112	492	445	470	330	315	321	---	---	---
16	125	112	117	520	491	508	346	325	331	---	---	---
17	140	119	128	502	439	465	361	341	347	402	398	400
18	142	130	134	441	382	426	357	350	353	406	400	402
19	154	140	149	386	337	369	362	355	358	424	402	410
20	174	153	163	338	277	310	366	359	361	423	414	418
21	176	167	170	278	230	259	367	361	363	423	419	420
22	177	167	171	230	206	216	368	364	366	434	421	425
23	190	177	183	212	204	207	369	351	365	443	434	438
24	195	184	189	220	208	212	360	346	354	443	428	440
25	201	190	194	225	213	218	356	340	349	428	150	223
26	205	198	201	226	217	222	355	345	348	169	123	139
27	210	205	208	236	224	229	363	354	358	158	118	134
28	216	208	212	236	227	232	389	362	374	164	158	161
29	222	215	218	242	215	231	395	360	386	188	163	176
30	227	220	222	219	200	210	445	297	390	192	188	191
31	---	---	---	231	203	216	473	432	455	---	---	---

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.0	20.9	22.0	24.3	23.8	24.1	12.5	11.5	11.8	10.0	8.5	9.2
2	24.0	22.2	22.9	24.0	21.2	22.2	11.7	10.7	11.0	11.7	10.0	10.8
3	23.7	21.4	22.4	21.2	19.9	20.6	11.0	10.2	10.7	13.3	11.7	12.4
4	22.8	21.4	21.9	19.9	18.0	18.8	11.0	10.4	10.7	14.5	13.3	13.9
5	22.9	21.5	21.9	18.0	17.1	17.5	11.1	10.4	10.6	15.6	14.4	14.9
6	22.1	20.5	21.3	17.3	16.3	16.8	13.4	11.1	12.2	15.6	13.4	14.6
7	22.8	21.3	22.0	17.1	16.3	16.8	14.0	13.4	13.9	13.4	10.4	11.9
8	22.1	21.1	21.6	17.1	16.2	16.5	13.8	13.0	13.4	10.5	9.8	10.1
9	21.1	20.5	20.8	16.2	15.2	15.7	15.1	13.8	14.4	10.2	9.6	9.9
10	20.6	20.2	20.4	15.7	15.2	15.5	15.1	14.4	14.8	10.7	9.6	10.1
11	21.2	20.2	20.6	16.2	15.6	15.9	14.4	13.0	13.5	12.1	10.7	11.2
12	21.1	20.0	20.8	16.0	14.7	15.5	13.0	12.1	12.5	13.5	12.1	12.7
13	---	19.1	---	14.7	13.8	14.2	12.6	11.5	11.9	13.9	12.9	13.7
14	19.8	17.9	18.8	14.4	13.7	14.0	11.5	9.5	10.2	12.9	10.8	11.6
15	18.1	17.0	17.6	14.7	14.0	14.3	9.5	8.2	8.5	10.8	9.5	10
16	18.5	17.6	18.0	15.2	14.2	14.6	8.2	7.2	7.5	9.7	8.2	9.1
17	19.0	17.7	18.3	15.6	14.8	15.2	7.5	6.8	7.2	8.2	6.5	7.1
18	20.9	18.8	19.7	15.6	15.2	15.4	7.6	6.9	7.4	6.5	5.4	5.8
19	22.6	20.9	21.5	16.0	15.5	15.7	7.6	6.3	7.1	5.6	5.3	5.5
20	23.7	22.2	22.8	15.8	15.4	15.6	6.3	5.5	5.9	6.5	5.4	5.9
21	23.6	22.7	23.1	16.3	15.7	15.9	7.6	5.8	6.4	7.9	6.5	7.2
22	24.1	23.0	23.4	16.4	16.1	16.3	8.8	6.2	7.9	9.1	7.7	8.2
23	24.3	23.6	23.9	17.8	16.3	16.8	6.2	4.2	5.0	7.7	5.7	6.5
24	24.0	23.3	23.6	17.8	16.4	17.5	4.2	3.1	3.5	5.9	4.9	5.5
25	24.6	23.5	24.1	16.4	15.0	15.4	3.2	2.7	2.9	7.0	5.3	6.1
26	24.8	23.7	24.2	15.0	14.0	14.4	2.7	1.6	2.0	9.0	6.9	7.8
27	24.9	23.8	24.3	14.4	13.9	14.1	2.6	1.4	1.9	8.9	8.0	8.4
28	24.9	24.0	24.4	13.9	12.9	13.3	3.4	2.2	2.7	8.2	7.6	7.7
29	24.6	23.9	24.3	13.3	12.1	12.6	4.6	3.3	3.8	7.7	7.4	7.5
30	25.6	23.9	24.4	13.4	12.5	13.2	6.7	4.6	5.5	7.8	7.3	7.6
31	24.8	24.1	24.3	---	---	---	8.5	6.7	7.6	7.6	7.4	7.5

0728875070 DEER CREEK EAST OF LELAND, MS--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Temperature, water, degrees Celsius--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.4	7.2	7.3	12.1	10.8	11.4	18.8	17.1	17.9	20.3	18.2	19.1
2	7.5	7.1	7.3	11.3	10.2	10.7	17.4	15.8	16.6	19.8	18.6	19.2
3	7.6	7.3	7.4	11.4	10.1	10.5	16.8	15.4	15.9	19.2	17.7	18.3
4	8.2	6.9	7.5	12.6	10.2	11.3	17.2	16.2	16.6	18.7	17.8	18.2
5	8.7	7.7	8.1	13.1	11.0	12.1	19.2	17.2	18.1	18.9	17.5	18.0
6	8.7	8.3	8.5	14.0	12.5	13.0	21.2	19.1	19.8	18.9	17.7	18.1
7	9.8	8.6	9.1	14.4	13.7	13.9	20.5	19.4	19.8	20.0	18.8	19.1
8	11.3	9.8	10.5	15.0	12.7	13.6	20.8	18.9	19.6	19.9	19.0	19.4
9	11.8	11.1	11.4	13.6	12.0	12.7	20.6	19.0	19.5	23.0	19.9	21.0
10	11.1	10.1	10.5	---	11.2	---	22.6	20.6	21.5	22.1	21.7	21.9
11	11.0	9.7	10.3	13.6	12.1	12.7	22.6	19.2	21.2	23.2	21.8	22.3
12	10.7	10.1	10.5	15.0	12.3	13.5	19.6	18.2	18.9	24.9	22.6	23.4
13	11.6	10.4	10.9	14.6	13.6	13.9	19.2	18.3	18.7	28.1	23.7	25.1
14	13.5	11.6	12.4	14.2	12.5	13.4	18.6	17.2	18.0	27.3	24.7	25.5
15	14.3	12.5	13.2	13.4	11.8	12.5	18.9	17.2	18.1	27.9	24.1	25.6
16	15.1	14.0	14.5	11.8	10.3	11.0	20.1	18.1	19.0	25.2	23.2	23.8
17	14.4	12.8	13.4	11.8	9.5	10.5	20.5	19.1	19.9	24.4	22.3	23.0
18	12.8	11.8	12.2	12.2	10.2	11.2	20.9	19.6	20.3	25.2	23.4	24.1
19	12.6	11.7	11.9	14.3	11.7	12.8	21.8	20.2	20.8	26.5	24.5	25.2
20	12.6	11.8	12.1	13.8	12.9	13.3	22.6	21.2	21.7	28.4	25.3	26.5
21	14.5	12.5	13.4	14.4	13.3	13.8	23.7	22.0	22.6	27.8	25.9	26.7
22	15.6	14.3	14.8	16.4	14.2	14.8	25.1	23.1	23.8	28.3	26.1	27.1
23	15.2	12.9	14.1	15.6	14.4	15.3	23.4	21.3	22.0	29.4	26.5	27.6
24	12.9	10.9	11.9	15.9	14.0	14.6	21.3	19.5	20.4	30.4	27.2	28.3
25	11.2	9.8	10.5	19.7	15.8	17.5	20.1	18.8	19.5	28.4	26.6	27.3
26	10.8	9.6	10.2	19.8	16.7	18.1	21.1	19.1	19.9	28.6	25.9	27.0
27	11.2	10.5	10.8	18.5	15.7	17.1	21.3	18.8	19.8	28.5	26.2	27.2
28	12.5	10.7	11.5	17.2	14.4	15.7	20.2	19.1	19.5	28.0	26.4	27.0
29	---	---	---	17.5	15.0	16.2	21.7	19.7	20.5	27.6	25.4	26.4
30	---	---	---	18.6	16.5	17.4	21.9	19.9	20.7	25.4	25.0	25.1
31	---	---	---	19.0	17.2	18.1	---	---	---	25.0	23.8	24.3
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.4	23.3	23.8	31.8	30.2	30.9	31.1	29.2	30.0	29.0	27.2	27.9
2	25.5	23.7	24.3	34.4	29.4	31.3	31.2	29.9	30.5	29.4	27.5	28.2
3	26.0	24.6	25.0	31.7	30.2	30.8	31.2	30.1	30.7	29.6	28.2	28.9
4	27.2	25.1	25.9	31.2	29.8	30.5	31.6	30.1	30.8	29.1	27.4	28.3
5	28.2	26.3	27.1	31.8	30.2	30.8	32.0	30.2	30.9	28.3	27.0	27.6
6	28.6	27.4	27.9	31.1	29.1	30.0	32.1	30.0	30.7	27.9	26.9	27.4
7	29.7	27.7	28.4	30.7	29.4	29.7	31.2	29.4	30.3	27.6	26.4	27.0
8	29.5	28.2	28.7	29.7	28.5	29.1	31.4	29.7	30.5	27.5	25.8	26.6
9	29.9	28.3	28.9	30.6	28.7	29.5	31.9	29.8	30.8	27.1	25.9	26.6
10	29.6	28.4	28.8	30.1	28.7	29.2	31.7	30.4	31.0	27.1	25.7	26.4
11	29.7	28.3	29.0	28.7	27.1	27.7	32.2	29.5	30.8	27.1	25.8	26.5
12	28.9	27.4	28.0	29.7	26.8	27.9	33.0	30.1	31.4	27.9	25.8	26.8
13	28.4	27.5	27.9	30.6	27.7	28.8	32.7	30.0	31.3	---	---	---
14	28.9	27.9	28.3	30.0	28.6	29.3	32.0	30.0	31.1	---	---	---
15	30.2	28.2	28.7	30.1	28.9	29.5	33.4	30.2	31.5	---	---	---
16	29.6	27.8	28.5	29.8	28.9	29.3	33.5	30.4	31.6	---	---	---
17	29.2	26.8	27.8	30.0	28.9	29.2	34.0	31.0	32.1	29.0	27.6	28.2
18	27.8	26.0	26.5	30.0	28.5	29.2	33.2	30.9	32.0	29.4	27.3	28.2
19	28.1	26.3	26.9	30.4	28.8	29.5	33.2	30.9	31.8	31.5	27.9	29.2
20	28.6	26.6	27.2	31.0	29.5	30.2	34.4	30.9	32.3	31.3	28.8	30.0
21	28.7	27.3	28.0	31.7	30.2	30.9	33.8	31.7	32.5	30.9	29.3	30.0
22	29.6	27.6	28.5	30.9	29.6	30.1	33.7	30.7	31.7	30.0	29.0	29.4
23	30.4	28.4	29.1	31.8	30.0	30.8	31.7	30.3	31.0	29.0	28.1	28.6
24	30.4	28.9	29.5	32.9	30.9	31.8	30.7	29.6	30.0	28.3	26.4	27.2
25	30.1	28.9	29.4	33.2	31.6	32.3	31.8	29.9	30.7	26.4	23.9	24.6
26	30.0	28.8	29.3	33.1	31.8	32.4	31.9	30.4	31.2	25.8	24.0	24.8
27	30.2	28.2	29.1	33.7	31.6	32.6	31.6	30.3	30.8	25.8	24.9	25.4
28	31.1	29.0	29.9	32.2	29.8	30.7	30.5	29.3	29.9	25.9	24.7	25.4
29	31.6	29.5	30.3	30.1	28.8	29.5	30.2	26.7	28.7	25.9	24.0	24.8
30	31.9	30.0	30.9	30.4	28.0	29.1	28.4	25.8	26.9	24.0	22.6	23.3
31	---	---	---	30.6	28.6	29.3	28.3	26.4	27.0	---	---	---

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. 18-31, Nov. 1-3, 11, 21-24, Dec. 6-7, 9-10, 21-25, Jan. 17-18, Mar. 27-29, May 18, and Aug. 31. Records are fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9620	e13400	45700	51200	20200	25600	16300	14700	20000	4830	6990	13900
2	10800	e13000	44600	45000	21600	25200	14600	14500	18000	4970	6820	14700
3	12800	e19800	42400	40500	23400	26400	11700	12900	15000	6010	7220	13900
4	14200	25700	38900	35700	29400	27700	10500	11200	12600	6560	6890	11100
5	14200	26200	36600	30600	37200	29400	9570	9130	10400	5660	6400	10400
6	12500	27600	e35000	26700	41200	30900	14200	7460	8080	4270	6140	9300
7	11500	25100	e41500	24700	46100	32400	24100	7290	7500	5020	6070	12500
8	11400	23600	44400	33200	66900	36800	27000	6820	7100	6200	5740	5830
9	11900	21500	e46000	37500	72300	38800	24200	7730	5980	6290	5790	7100
10	14700	18800	e46300	37500	80500	36500	22600	9080	5720	6370	6430	7210
11	18000	e17100	47400	32100	82600	34800	21500	9260	6110	6460	6090	8100
12	21600	16000	46600	27300	80100	32200	33200	10000	6840	5910	7000	6390
13	23200	13900	45200	25500	76800	31500	40600	11000	5940	6130	6830	8570
14	22700	12700	43500	24700	71800	30300	41100	11400	5620	6750	6240	8770
15	19300	14500	42500	22900	65000	27700	37400	11500	4670	6540	6170	10400
16	15000	15200	42500	23800	58900	25600	34800	11800	4680	6530	6700	10000
17	10600	14800	39700	e26000	51600	23000	34600	11400	4550	7260	7110	9920
18	e12800	13400	40100	e33600	42900	21100	34000	e9980	3950	7910	6970	10300
19	e11600	12000	40900	20100	33200	20200	35100	9060	4190	8190	6830	10500
20	e11100	10800	40200	19600	28100	20200	35900	8640	4160	8140	6740	10300
21	e11300	e17300	e42800	18100	24600	20100	37500	8120	3990	7610	7070	10200
22	e11800	e22500	e42000	17600	22700	19900	38900	6640	4540	7000	7470	9910
23	e10500	e27200	e42500	16200	21100	20300	40000	5670	4880	7250	7480	6520
24	e10200	e35700	e43700	15900	26600	20700	35900	6210	5590	7720	7190	6400
25	e11000	43500	e46100	16000	26500	19700	31900	7140	5780	7870	6930	13600
26	e12500	44600	56900	16700	24600	18900	28800	5810	5180	7810	7840	19700
27	e11200	44900	65600	17700	23700	e19400	24100	5850	5020	7550	8300	20700
28	e12300	44800	68100	18600	25500	e18200	19100	5600	5460	7280	7780	22500
29	e15100	43500	67700	18200	---	e17500	15800	10800	5590	6580	8120	20700
30	e12800	44300	65500	18400	---	17100	15000	20100	5260	6770	12500	18900
31	e14100	---	59800	19700	---	17000	---	22600	---	7130	e13300	---
TOTAL	422320	723400	1450700	811300	1225100	785100	809970	309390	212380	206570	225150	348320
MEAN	13620	24110	46800	26170	43750	25330	27000	9980	7079	6664	7263	11610
MAX	23200	44900	68100	51200	82600	38800	41100	22600	20000	8190	13300	22500
MIN	9620	10800	35000	15900	20200	17000	9570	5600	3950	4270	5740	5830
CFSM	1.02	1.81	3.50	1.96	3.28	1.90	2.02	0.75	0.53	0.50	0.54	0.87
IN.	1.18	2.02	4.04	2.26	3.41	2.19	2.26	0.86	0.59	0.58	0.63	0.97

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	12810	14460	24620	28560	32870	29780	27070	14000	15790	12720	10650	10970
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	8307430		7529700			
ANNUAL MEAN	22700		20630		19450	
HIGHEST ANNUAL MEAN					26550	2002
LOWEST ANNUAL MEAN					10270	2000
HIGHEST DAILY MEAN	68100	Dec 28	82600	Feb 11	82600	Feb 11 2005
LOWEST DAILY MEAN	1010	Apr 29	3950	Jun 18	-3750	May 20 1996
ANNUAL SEVEN-DAY MINIMUM	4710	Apr 24	4290	Jun 16	-2160	May 17 1996
MAXIMUM PEAK FLOW			82600	Feb 11	82600	Feb 11 2005
MAXIMUM PEAK STAGE			92.43	Jan 29	98.31	Mar 25 1997
ANNUAL RUNOFF (CFSM)	1.70		1.54		1.46	
ANNUAL RUNOFF (INCHES)	23.14		20.97		19.79	
10 PERCENT EXCEEDS	45400		43100		42300	
50 PERCENT EXCEEDS	14800		15000		14000	
90 PERCENT EXCEEDS	8940		6100		5740	

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 WY05 closure dates: Oct. 1-Nov. 9, Nov. 12-23, Dec. 6-Sept. 1, Sept. 8, Sept. 25 (furnished by U.S. Army Corps of Engineers). Steele Bayou Drainage Structure WY05 closure dates: Jan. 13-Feb. 6, July 6 (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 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instan-taneous dis-charge, cfs (00061)	Sam-pling depth, feet (00003)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Loca-tion in X-sect. looking dwnstrm ft from l bank (00009)
OCT											
14...	1200	59.97	22300	--	240	760	6.6	7.1	210	21.1	--
14...	1230	--	--	1.00	--	--	6.5	7.1	222	21.1	75.0
14...	1231	--	--	1.00	--	--	6.7	7.1	209	21.0	150
14...	1232	--	--	1.00	--	--	6.7	7.1	175	21.2	225
NOV											
04...	1300	67.71	26400	--	310	760	6.3	7.0	147	21.2	--
DEC											
08...	1310	82.20	44500	--	290	760	8.1	6.8	94	12.6	--
JAN											
05...	1200	76.19	31300	--	160	758	10.2	6.9	73	9.6	--
FEB											
10...	1400	86.69	72300	--	140	771	7.8	7.1	89	9.2	--
10...	1430	--	--	1.00	--	--	8.0	7.0	88	9.2	150
10...	1431	--	--	1.00	--	--	7.8	7.0	92	9.2	250
10...	1432	--	--	1.00	--	--	7.6	7.1	94	9.2	400
24...	1100	82.58	28000	--	84	764	8.6	6.9	86	11.8	--
24...	1131	--	--	1.00	--	--	8.8	6.9	85	11.8	175
24...	1132	--	--	42.0	--	--	8.7	6.9	85	11.8	175
24...	1133	--	--	1.00	--	--	8.6	6.9	87	11.8	275
24...	1134	--	--	47.0	--	--	8.5	6.9	86	11.8	275
24...	1135	--	--	1.00	--	--	8.6	6.9	87	11.9	350
24...	1136	--	--	39.0	--	--	8.4	6.9	87	11.9	350
MAR											
14...	1200	76.33	29900	--	150	764	8.9	7.3	107	13.0	--
23...	1145	71.23	20300	--	130	762	8.7	7.1	141	13.5	--
23...	1230	--	--	1.00	--	--	8.7	6.9	134	13.5	150
23...	1231	--	--	1.00	--	--	8.7	6.9	140	13.5	225
23...	1232	--	--	1.00	--	--	8.5	6.9	141	13.5	330
APR											
07...	1145	77.24	25900	--	160	758	7.8	6.9	118	17.9	--
21...	1200	83.89	36700	--	320	762	5.1	6.5	86	20.3	--
MAY											
04...	1020	71.67	11000	--	350	770	5.8	6.7	144	19.5	--
04...	1045	--	--	1.00	--	--	6.0	6.7	141	19.6	90.0
04...	1046	--	--	39.0	--	--	5.8	6.7	144	19.5	90.0
04...	1047	--	--	1.00	--	--	6.0	6.7	143	19.7	185
04...	1048	--	--	37.0	--	--	5.7	6.7	144	19.5	185
04...	1049	--	--	1.00	--	--	6.0	6.6	146	19.6	260
04...	1050	--	--	32.0	--	--	5.7	6.7	146	19.5	260
24...	1205	64.28	6090	--	160	757	6.3	6.8	210	27.8	--
JUN											
09...	1200	61.09	5980	--	300	760	6.7	7.4	213	28.5	--
22...	1000	69.50	5240	--	89	766	6.2	7.3	222	29.5	--
JUL											
07...	1100	59.77	4900	--	69	762	6.2	7.2	270	31.5	--
25...	1200	57.75	8190	--	91	760	5.5	7.2	230	32.5	--
25...	1230	--	--	1.00	--	--	4.8	7.2	229	32.5	40.0
25...	1231	--	--	1.00	--	--	5.6	7.2	230	32.8	150
25...	1232	--	--	1.00	--	--	5.5	7.2	241	32.4	225
AUG											
04...	1245	--	--	--	78	762	6.2	7.0	236	30.9	--
10...	1100	52.85	6790	--	120	764	5.8	7.2	259	30.8	--
10...	1130	--	--	1.00	--	--	6.3	7.2	260	31.3	75.0
10...	1131	--	--	17.0	--	--	5.6	7.2	251	30.8	75.0
10...	1132	--	--	1.00	--	--	5.9	7.2	263	31.0	175
10...	1133	--	--	17.0	--	--	4.1	7.2	255	30.8	175
10...	1134	--	--	1.00	--	--	5.8	7.2	264	31.0	225
10...	1135	--	--	16.0	--	--	5.6	7.2	261	30.9	225
SEP											
07...	1130	61.94	12500	--	120	760	5.0	7.0	195	28.0	--

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--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)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
OCT												
14...	1200	70	85	8.49	12.8	.08	.43	.026	1.92	.069	.44	442
NOV												
04...	1300	52	63	6.25	8.7	E.03	.83	.037	2.05	.076	.51	403
DEC												
08...	1310	33	40	3.89	5.4	E.04	.27	E.006	1.12	.081	.36	272
JAN												
05...	1200	12	15	3.33	5.5	.05	.22	<.008	1.00	.047	.28	--
FEB												
10...	1400	32	39	4.01	5.9	.04	.33	<.008	1.07	.038	.24	155
24...	1100	30	36	3.81	5.8	.05	.22	E.004	.87	.034	.188	81
MAR												
14...	1200	36	43	4.24	7.3	E.04	.24	<.008	1.02	.024	.28	166
23...	1145	50	60	4.93	8.8	.07	.20	<.008	.97	.012	.21	142
APR												
07...	1145	39	47	4.86	7.2	E.04	.24	E.006	1.00	.011	.27	282
21...	1200	28	34	2.87	5.2	.09	.64	.028	1.63	.042	.35	224
MAY												
04...	1020	51	62	4.46	7.8	E.04	.64	.008	1.59	.025	.45	292
24...	1205	72	87	5.84	10.0	.06	.46	.019	1.17	.032	.27	152
JUN												
09...	1200	73	88	5.49	10.4	.12	.75	.045	1.58	.030	.34	229
22...	1000	74	89	6.53	10.7	.04	.41	.013	1.05	.038	.197	70
JUL												
07...	1100	97	119	7.48	12.2	E.02	.16	.013	.79	.013	.140	88
25...	1200	89	108	6.33	12.0	E.03	.62	.027	1.40	.050	.29	213
AUG												
10...	1100	103	124	6.96	12.4	.06	.09	.011	.69	.040	.23	183
SEP												
07...	1130	102	E124	6.40	8.2	E.03	.36	.017	1.16	.074	.29	162

Date	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	2-[(2-Ethyl-6methylphenyl)amino]2oxoESA ug/L (62850)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Alachlor 2nd amide, water, fltrd, ug/L (63781)	Acetochlor 3rd amide, water, fltrd, ug/L (63782)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)
OCT												
14...	<.09	<.016	<.04	<.02	<.006	<.02	<.005	E.019	E.02	<.02	<.02	<.004
NOV												
04...	<.09	<.016	<.32	<.02	<.006	<.02	<.008	E.018	<.08	<.02	<.02	<.004
DEC												
08...	<.09	<.016	<.04	<.02	<.006	<.02	<.005	<.010	<.08	<.02	<.02	<.004
JAN												
05...	<.09	<.016	<.04	<.02	<.006	<.02	<.005	E.008	<.08	<.02	<.02	<.004
FEB												
10...	<.09	<.016	.56	<.02	<.006	<.02	<.005	<.006	<.08	<.02	<.02	<.004
24...	<.09	<.016	.31	<.02	<.006	<.02	<.005	<.006	<.08	<.02	<.02	<.004
MAR												
14...	<.09	<.016	.25	<.02	<.006	<.02	<.005	<.008	<.08	<.02	<.02	<.004
23...	<.09	<.016	E.32	<.02	<.006	<.02	<.005	<.010	<.08	<.02	<.02	<.004
APR												
07...	<.09	<.016	E.07	<.02	<.006	<.02	<.005	E.013	E.01	<.02	<.02	<.004
21...	<.09	<.016	E.06	<.02	<.006	<.02	<.005	E.050	<.08	<.02	<.02	<.004
MAY												
04...	<.09	<.016	<.06	<.02	<.006	<.02	<.005	E.076	E.04	<.02	<.02	<.004
24...	<.09	<.016	.06	<.02	<.006	<.02	<.005	E.049	E.03	<.02	<.02	<.004
JUN												
09...	<.09	<.016	<.04	<.02	<.006	<.02	<.005	E.072	E.04	<.02	<.02	<.004
22...	<.09	<.016	<.04	<.02	<.006	<.02	<.005	E.036	<.08	<.02	<.02	<.004
JUL												
07...	<.09	<.016	E.04	<.02	<.006	<.02	<.005	E.028	<.08	<.02	<.02	<.004
25...	<.09	<.016	E.03	<.02	<.006	<.02	<.005	E.033	E.01	<.02	<.02	<.004
AUG												
10...	<.09	<.016	E.05	<.02	<.006	<.02	<.005	E.019	<.08	<.02	<.02	<.004
SEP												
07...	<.09	<.016	.05	<.02	<.006	<.02	<.005	E.014	<.08	<.02	<.02	<.004

Remark codes:
< -- Less than
E -- Estimated

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	OIET, water, fltrd, ug/L (50355)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Aceto-chlor, water, fltrd, ug/L (49260)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)	Ala-chlor ESA SA, water, fltrd, ug/L (62849)
OCT												
14...	E.193	.034	--	<.022	E1.22	<.006	<.02	<.02	<.02	<.006	<.028	<.02
NOV												
04...	.252	.046	--	<.008	E.59	<.006	<.02	<.02	<.02	<.006	<.028	<.02
DEC												
08...	.079	.008	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
JAN												
05...	<.032	<.004	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
FEB												
10...	.040	<.004	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
24...	<.045	<.004	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
MAR												
14...	.105	<.004	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
23...	.099	E.007	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
APR												
07...	.128	E.009	--	<.008	<.02	<.006	<.02	<.02	<.02	<.006	<.028	<.02
21...	.257	E.008	--	<.008	<.02	<.006	<.02	<.02	<.02	.009	<.028	<.02
MAY												
04...	.381	E.024	--	<.008	<.02	<.006	<.02	<.02	<.02	.013	<.028	<.02
24...	.219	E.077	--	<.008	<.02	<.006	<.02	<.02	<.02	.012	<.028	<.02
JUN												
09...	.262	E.200	<.004	<.008	<.02	<.006	<.02	<.02	<.02	.010	<.028	<.02
22...	.249	E.058	<.004	<.008	<.20	<.006	<.02	<.02	<.02	<.006	<.028	<.02
JUL												
07...	E.293	E.046	<.004	<.008	--	<.006	<.02	<.02	<.02	.008	E.029	<.02
25...	.231	E.135	<.004	<.008	<.25	<.006	<.02	<.02	<.02	<.02	E.202	<.02
AUG												
10...	.207	E.072	<.004	<.008	<.02	<.006	<.02	<.02	<.02	<.02	E.114	<.02
SEP												
07...	.142	E.054	<.004	<.008	<.02	<.006	<.02	<.02	<.02	<.02	.065	<.02

Date	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor SAA, water, fltrd, ug/L (62848)	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Amino-methyl-phos-phonic acid, wat flt ug/L (62649)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)
OCT												
14...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.8	.132	<.07	<.050
NOV												
04...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.5	.110	<.17	<.050
DEC												
08...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.4	.036	<.07	<.050
JAN												
05...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	--	.036	<.07	<.050
FEB												
10...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.6	.026	<.07	<.050
24...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.2	.028	<.07	<.050
MAR												
14...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.4	.114	<.07	<.050
23...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.3	.192	<.07	<.050
APR												
07...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.5	.473	<.07	<.050
21...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	--	.3	2.00	<.07	<.050
MAY												
04...	<.02	<.02	<.02	<.005	<.02	.101	<.04	--	.4	2.77	<.07	<.050
24...	<.02	<.02	<.02	<.005	<.02	.089	<.04	--	.8	.687	<.07	<.050
JUN												
09...	.04	<.02	<.02	.010	<.02	.059	<.04	<.005	.6	.973	<.07	<.050
22...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	<.005	.5	.614	<.07	<.050
JUL												
07...	<.02	<.02	<.02	<.005	<.02	<.022	<.04	<.005	.7	.233	<.07	<.050
25...	<.02	<.02	<.02	<.02	<.02	<.022	<.04	<.005	1.1	.199	<.07	<.050
AUG												
10...	<.02	<.02	<.02	<.02	<.02	<.022	<.04	<.005	.8	.148	<.07	<.050
SEP												
07...	<.02	<.02	<.02	<.02	<.02	<.022	<.04	<.005	.9	.076	<.07	<.050

Remark codes:
< -- Less than
E -- Estimated

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)
OCT												
14...	<.02	<.010	<.022	<.02	E.01	<.02	<.03	<.068	<.02	E.006	<.016	--
NOV												
04...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	.036	M	E.011	<.016	--
DEC												
08...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	.027	<.02	<.041	<.016	--
JAN												
05...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	<.018	<.02	E.008	<.016	--
FEB												
10...	<.02	<.010	<.022	<.02	M	<.02	<.03	.036	<.02	<.041	<.016	--
24...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	.025	<.02	<.041	<.016	--
MAR												
14...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	.026	<.02	<.041	<.016	--
23...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.027	<.02	<.041	<.016	--
APR												
07...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.016	<.02	<.041	<.016	--
21...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	.022	<.02	E.007	<.016	--
MAY												
04...	<.02	<.010	<.022	<.02	E.01	<.02	<.03	<.018	<.02	E.006	<.016	--
24...	<.02	<.010	<.022	<.02	<.01	<.02	<.03	E.015	<.02	<.041	<.016	--
JUN												
09...	<.02	<.010	<.022	<.02	.04	<.02	<.03	.021	<.02	<.041	<.016	<.020
22...	<.02	<.010	<.022	<.02	<.02	<.02	<.03	<.020	<.02	<.041	<.016	<.020
JUL												
07...	<.02	<.010	<.022	E.01	.07	<.02	<.03	<.018	<.02	<.041	<.016	<.020
25...	<.02	<.010	<.022	<.02	.09	<.02	<.03	.020	<.02	<.041	<.016	<.020
AUG												
10...	<.02	<.010	<.022	<.02	E.11	<.02	<.03	<.018	<.02	<.041	<.016	<.020
SEP												
07...	<.02	<.010	<.022	<.02	.08	<.02	<.03	<.018	<.02	<.041	<.016	<.020

Date	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)
OCT												
14...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.008
NOV												
04...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.008
DEC												
08...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.008
JAN												
05...	<.02	<.032	<.04	--	<.06	<.005	<.006	--	<.02	--	<.01	<.008
FEB												
10...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.008
24...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.027
MAR												
14...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.008
23...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.027
APR												
07...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.035
21...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.02	--	<.01	<.027
MAY												
04...	<.02	<.032	<.04	<.04	<.06	E.004	<.006	--	--	--	<.01	<.027
24...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	--	<.05	--	<.01	<.027
JUN												
09...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	<.008	<.02	<.018	<.01	<.027
22...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	<.008	<.02	<.018	<.01	<.027
JUL												
07...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	<.008	<.02	<.018	<.01	<.027
25...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.035	<.02	E.011	<.01	<.027
AUG												
10...	<.02	<.032	<.02	<.04	<.06	<.005	<.006	E.058	<.02	<.018	<.01	<.027
SEP												
07...	<.02	<.032	<.04	<.04	<.06	<.005	<.006	E.046	<.02	<.018	<.01	<.027

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Dechloro-acetochlor, water, fltrd, ug/L (63778)	Dechloro-alachlor, water, fltrd, ug/L (63777)	Dechloro-dimethenamid, water, fltrd, ug/L (63779)	Dechloro-metolachlor, water, fltrd, ug/L (63780)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)
OCT												
14...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.005	<.01	<.005	<.04
NOV												
04...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.007	<.01	<.005	<.04
DEC												
08...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
JAN												
05...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.006	<.01	<.005	<.04
FEB												
10...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
24...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
MAR												
14...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
23...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
APR												
07...	--	<.075	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	.16
21...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.006	<.01	<.005	<.06
MAY												
04...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.007	<.01	<.005	<.04
24...	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.012	<.01	<.005	<.04
JUN												
09...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.005	--	<.006	<.04
22...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	.02	E.004	--	<.005	<.04
JUL												
07...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.005	--	E.004	<.04
25...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	.04	E.005	--	<.005	<.04
AUG												
10...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	.02	E.004	--	<.005	<.04
SEP												
07...	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.005	--	<.005	<.04

Date	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)
OCT												
14...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	M	--	--	.32
NOV												
04...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	E1.07
DEC												
08...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	.12
JAN												
05...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	E.04
FEB												
10...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	.04
24...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	.03
MAR												
14...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	.07
23...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	--	--	.06
APR												
07...	<.03	<.08	<.009	.02	<.02	<.02	<.006	<.04	<.01	--	--	.11
21...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	E.01	<.01	--	--	.09
MAY												
04...	<.03	<.08	<.009	<.02	<.02	.08	<.006	<.04	.01	--	--	.10
24...	<.03	E.02	<.009	<.02	<.02	<.02	<.006	<.04	.07	--	--	.09
JUN												
09...	<.03	E.03	<.009	<.02	<.02	<.02	<.006	<.04	<.12	.01	<.02	.10
22...	<.03	<.08	<.009	.02	<.02	<.02	<.006	<.04	<.02	<.01	<.02	.07
JUL												
07...	<.03	E.02	<.009	<.02	<.02	<.02	<.006	<.04	<.01	<.01	<.02	E.58
25...	<.03	E.17	<.009	<.02	<.02	<.02	<.006	<.04	<.01	<.01	<.02	E2.99
AUG												
10...	<.03	E.05	<.009	<.02	<.02	<.02	<.006	<.04	<.01	<.01	<.02	.50
SEP												
07...	<.03	<.08	<.009	<.02	<.02	<.02	<.006	<.04	<.01	<.01	<.02	.70

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)
OCT												
14...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	E.006	<.024
NOV												
04...	--	--	<.0020	<.004	--	<.049	<.04	<.03	E.01	<.029	E.008	E.007
DEC												
08...	--	--	<.0020	<.004	--	<.049	--	<.03	<.02	<.029	<.013	<.024
JAN												
05...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	E.007	<.024
FEB												
10...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
24...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
MAR												
14...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
23...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
APR												
07...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
21...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	E.007	<.024
MAY												
04...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	E.008	E.008
24...	--	--	<.0020	<.004	--	<.049	<.04	<.03	<.02	<.029	<.013	<.024
JUN												
09...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.02	<.029	E.007	<.024
22...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.02	<.029	<.013	<.024
JUL												
07...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.02	<.029	E.006	<.024
25...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.02	<.029	E.006	<.024
AUG												
10...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.03	<.029	<.013	<.024
SEP												
07...	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.02	<.029	<.013	<.024

Date	Fipro-nil, water, fltrd, ug/L (62166)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd, ug/L (62481)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hexa-zinone, water, fltrd, ug/L (04025)	Hydroxy aceto-chlor, water, fltrd, ug/L (63784)
OCT												
14...	<.016	<.02	<.02	<.02	<.04	.04	<.003	<.003	<.1	.1	<.013	<.02
NOV												
04...	E.006	<.02	<.02	<.02	<.04	.03	<.003	<.003	<.1	.1	<.013	<.02
DEC												
08...	<.016	<.02	<.02	<.02	<.04	E.01	<.003	<.003	<.1	.1	<.013	<.02
JAN												
05...	E.008	<.02	<.02	<.02	<.04	<.02	--	<.003	--	--	<.013	<.02
FEB												
10...	<.016	<.02	<.02	<.02	<.04	E.01	<.003	<.003	<.1	.1	<.013	<.02
24...	<.016	<.02	<.02	<.02	<.04	M	--	<.003	<.1	<.1	E.003	<.02
MAR												
14...	<.016	<.02	<.02	<.02	<.04	M	--	<.003	<.1	.2	<.013	<.02
23...	<.016	<.02	<.02	<.02	<.04	M	--	<.003	<.1	.1	<.013	<.02
APR												
07...	<.016	<.02	<.02	<.02	<.04	E.01	--	<.003	<.1	<.1	<.013	<.02
21...	E.009	<.02	<.02	<.02	<.04	E.01	--	<.003	<.1	.4	<.013	<.02
MAY												
04...	E.009	<.02	<.02	<.02	<.04	.10	--	<.003	<.1	<.1	E.010	<.02
24...	<.016	<.02	<.02	<.02	<.04	.10	--	<.003	<.1	.2	<.013	<.02
JUN												
09...	<.016	<.02	<.02	<.02	<.04	.11	--	<.003	<.1	<.1	E.011	<.02
22...	<.016	<.02	<.02	<.02	<.04	.06	--	<.003	<.1	<.1	<.013	<.02
JUL												
07...	<.016	<.02	<.02	<.02	<.04	E.05	--	<.003	<.1	<.1	E.009	<.02
25...	<.016	<.02	<.02	<.02	<.04	E1.40	--	<.003	<.1	.1	E.011	<.02
AUG												
10...	<.016	<.02	<.02	<.02	<.04	.12	--	<.003	<.1	.2	<.013	<.02
SEP												
07...	<.016	<.02	<.02	<.02	<.04	.04	--	<.003	<.1	.1	<.013	<.02

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Hydroxy ala-chlor, water, fltrd, ug/L (63783)	Hydroxy dimeth-enamid, water, fltrd, ug/L (64045)	Hydroxy metola-chlor, water, fltrd, ug/L (63785)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)
OCT												
14...	<.02	<.02	<.02	<.04	<.04	<.020	<.387	<.003	.04	<.030	E.013	<.03
NOV												
04...	<.02	<.02	<.02	<.04	<.04	.058	<.387	<.003	<.04	<.030	E.014	<.03
DEC												
08...	<.02	<.02	<.02	<.04	E.01	E.014	<.387	<.003	<.01	<.030	<.027	<.03
JAN												
05...	<.02	<.02	<.02	<.04	<.04	<.020	<.387	<.003	<.01	<.030	<.027	<.03
FEB												
10...	<.02	<.02	<.02	<.04	<.04	<.020	<.387	<.003	<.01	<.030	<.027	<.03
24...	<.02	<.02	<.02	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
MAR												
14...	<.02	<.02	<.02	<.04	<.04	<.020	<.387	<.003	<.01	<.030	<.027	<.03
23...	<.02	<.02	<.02	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
APR												
07...	<.02	<.02	<.02	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
21...	<.02	<.02	<.02	E.01	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
MAY												
04...	<.02	<.02	<.02	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
24...	<.02	<.02	<.02	<.04	<.04	<.020	<.538	<.003	<.01	<.030	<.027	<.03
JUN												
09...	<.02	<.02	<.02	E.01	.11	<.025	<.538	<.003	<.01	<.030	<.027	<.03
22...	<.02	<.02	.02	M	E.03	<.054	<.538	<.003	<.01	<.030	E.008	<.03
JUL												
07...	<.02	<.02	.02	<.04	E.03	<.020	<.538	<.003	<.03	<.030	<.027	<.03
25...	<.02	<.02	.06	<.04	.04	.159	<.538	<.003	.37	<.030	<.027	<.03
AUG												
10...	<.02	<.02	.02	<.04	<.04	<.020	<.538	<.003	.05	<.030	<.027	<.03
SEP												
07...	<.02	<.02	<.02	<.04	<.04	.042	<.538	<.003	<.01	<.030	E.021	<.03

Date	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)
OCT												
14...	<.01	.01	.017	<.006	<.010	<.020	<.03	<.015	.07	.09	.077	<.006
NOV												
04...	<.01	E.01	<.046	<.006	<.010	<.020	<.03	<.015	.09	.13	.041	<.006
DEC												
08...	<.01	E.01	<.005	<.006	<.010	<.020	<.03	<.015	.05	.08	.024	<.006
JAN												
05...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.03	.08	.018	<.006
FEB												
10...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.03	.04	.021	<.006
24...	<.01	<.01	<.010	<.006	<.010	<.020	<.03	<.015	<.02	<.02	.014	<.006
MAR												
14...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.02	<.02	.017	<.006
23...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.02	.04	.037	<.006
APR												
07...	<.01	<.01	<.005	<.006	<.010	<.020	<.03	<.015	.03	.04	.042	<.006
21...	<.01	.02	.016	<.006	<.010	<.020	<.03	<.015	<.02	<.02	.341	.015
MAY												
04...	<.01	.01	.013	<.006	<.010	<.020	<.03	<.015	.04	.05	.259	.011
24...	<.01	.04	.046	<.006	<.010	<.020	<.03	<.015	<.02	.04	1.05	.018
JUN												
09...	<.01	.04	.041	<.006	<.010	<.020	<.03	<.015	.06	.07	.573	<.010
22...	<.01	.02	.021	<.006	<.010	<.020	<.03	<.015	<.02	.08	.219	<.006
JUL												
07...	<.01	E.02	.020	<.006	<.010	<.020	<.03	<.015	.05	.06	.117	<.006
25...	<.01	.03	.029	<.006	<.010	<.020	<.03	<.015	.08	.13	.37	<.006
AUG												
10...	<.01	.01	.018	<.006	<.010	<.020	<.03	<.015	.03	.05	.06	<.006
SEP												
07...	<.01	.01	.014	<.006	<.010	<.020	<.03	<.015	<.02	.06	.11	<.006

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)
OCT												
14...	<.03	--	<.008	<.04	<.01	<.04	E.03	<.01	<.03	--	<.022	<.10
NOV												
04...	<.03	--	<.008	<.04	<.01	<.04	<.03	<.01	<.03	--	<.022	<.10
DEC												
08...	<.03	--	<.008	<.04	<.01	<.04	E.01	<.01	<.03	--	<.022	<.10
JAN												
05...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
FEB												
10...	<.03	--	<.008	<.04	<.01	<.04	E.01	<.01	<.03	--	<.022	<.10
24...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
MAR												
14...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
23...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
APR												
07...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
21...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	<.022	<.10
MAY												
04...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	.027	<.10
24...	<.03	--	<.008	<.04	<.01	<.04	<.02	<.01	<.03	--	.029	<.10
JUN												
09...	<.03	.008	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	E.017	<.10
22...	<.03	<.003	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10
JUL												
07...	<.03	<.003	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	E.015	<.10
25...	<.03	<.005	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10
AUG												
10...	<.03	<.003	<.008	<.04	<.01	<.04	<.02	<.01	<.03	<.007	<.022	<.10
SEP												
07...	<.03	<.003	<.008	<.04	<.01	<.04	E.01	<.01	<.03	<.007	<.022	<.10

Date	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Propa-chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa-chlor OA, water, fltrd 0.7u GF ug/L (62767)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)
OCT												
14...	<.011	<.05	<.008	<.03	E.01	.025	<.004	<.05	<.02	--	--	<.030
NOV												
04...	<.011	<.05	<.008	<.03	.02	.029	<.004	<.05	<.02	--	--	<.030
DEC												
08...	<.011	<.05	<.008	<.03	<.01	.013	<.004	<.05	<.02	--	--	<.030
JAN												
05...	<.011	<.05	<.008	<.03	E.01	.011	<.004	<.05	<.02	--	--	<.030
FEB												
10...	<.011	<.05	<.008	<.03	E.01	.009	<.004	<.05	<.02	--	--	<.030
24...	<.011	<.05	<.008	--	E.01	.007	<.004	<.05	<.02	--	--	<.030
MAR												
14...	<.011	<.05	<.008	--	.02	.009	<.004	<.05	<.02	--	--	<.030
23...	<.011	<.05	<.008	--	<.01	.008	<.004	<.05	<.02	--	--	<.030
APR												
07...	<.011	<.05	<.008	<.03	<.01	.008	<.004	<.05	<.02	--	--	<.030
21...	<.011	<.05	<.008	<.03	E.01	.011	<.004	<.05	<.02	--	--	<.030
MAY												
04...	<.011	<.05	<.008	<.03	E.01	.014	<.004	<.05	<.02	--	--	<.030
24...	<.011	--	--	<.03	<.01	.013	<.004	<.05	<.02	--	--	<.030
JUN												
09...	<.011	<.05	<.008	<.03	<.01	.011	<.004	<.05	<.02	<.011	<.02	<.030
22...	<.011	--	--	<.03	<.01	.010	<.004	<.05	<.02	<.011	<.02	<.030
JUL												
07...	<.011	--	--	<.03	<.01	.129	<.004	<.05	<.02	<.011	<.02	<.030
25...	<.011	<.05	<.008	<.03	<.01	.111	<.004	<.05	<.02	<.011	<.02	<.030
AUG												
10...	<.011	--	<.008	<.03	<.01	.075	<.004	<.05	<.02	<.011	<.02	<.030
SEP												
07...	<.011	--	<.008	<.03	<.01	.031	<.004	<.05	<.02	<.011	<.02	<.030

Remark codes:
< -- Less than
E -- Estimated

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)
OCT												
14...	.05	<.008	<.02	.027	<.038	--	<.02	--	<.016	<.07	<.02	<.01
NOV												
04...	<.01	<.008	<.02	.022	<.038	--	<.02	--	<.016	<.07	<.02	<.01
DEC												
08...	<.01	<.008	<.02	.038	<.038	--	<.02	--	<.016	<.07	<.02	<.01
JAN												
05...	<.01	<.008	<.02	.076	<.038	--	<.02	--	<.016	<.07	<.02	<.01
FEB												
10...	<.01	<.008	<.02	.030	<.038	--	<.02	--	<.016	<.07	<.02	<.01
24...	<.01	<.008	<.02	.030	<.038	--	<.02	--	<.016	<.07	<.02	<.01
MAR												
14...	<.01	<.008	<.02	.070	<.038	--	<.02	--	<.016	<.07	<.02	<.01
23...	<.01	<.008	<.02	.054	<.038	--	<.02	--	<.016	<.07	<.02	<.01
APR												
07...	<.01	<.008	<.02	.118	<.038	--	<.02	--	<.016	<.07	<.02	<.01
21...	<.01	<.008	<.02	.101	<.038	--	<.02	--	<.016	<.07	<.02	<.01
MAY												
04...	<.01	<.008	<.02	.090	<.038	--	<.02	--	<.016	<.07	<.02	E.01
24...	<.01	<.008	<.02	.085	<.038	--	<.02	--	<.016	<.07	<.02	<.01
JUN												
09...	<.01	<.008	<.02	.047	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01
22...	<.01	<.008	<.02	.019	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01
JUL												
07...	<.01	<.008	<.02	.029	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01
25...	.07	<.008	<.02	.032	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01
AUG												
10...	.20	<.008	<.02	.031	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01
SEP												
07...	.17	<.008	<.02	.016	<.038	--	<.02	<.008	<.016	<.07	<.02	<.01

Date	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-benuron water, fltrd, ug/L (61159)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Di-chlor-vos, water fltrd, ug/L (38775)
OCT							
14...	--	--	--	--	E6.04	<.009	<.01
NOV							
04...	--	--	--	--	<.11	<.009	<.01
DEC							
08...	--	--	--	--	.03	<.009	<.01
JAN							
05...	--	--	--	--	<.03	<.009	<.01
FEB							
10...	--	--	--	--	<.03	<.009	<.01
24...	--	--	--	--	<.03	<.009	<.01
MAR							
14...	--	--	--	--	<.03	<.009	<.01
23...	--	--	--	--	<.03	<.009	<.01
APR							
07...	--	--	--	--	<.03	<.009	<.01
21...	--	--	--	--	<.03	<.009	<.01
MAY							
04...	--	--	--	--	<.03	E.005	<.01
24...	--	--	--	--	<.03	<.009	<.01
JUN							
09...	.012	<.01	--	<.004	<.03	<.009	<.01
22...	<.010	<.01	--	<.004	<.03	<.009	<.01
JUL							
07...	<.010	<.01	--	<.004	<.05	<.009	<.01
25...	<.010	E.09	--	<.004	.04	<.009	<.01
AUG							
10...	<.010	E.17	--	<.004	<.03	<.009	<.01
SEP							
07...	<.010	E.14	--	<.004	<.03	<.009	<.01

Remark codes:
< -- Less than
E -- Estimated

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

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...	1400	14.9	160	178.2	E3.8	E11.3

Remark codes:
E -- Estimated

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: August 12-22. 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)
Dec. 10	1000	*16,600	*20.52	Apr. 10	0530	11,100	19.45

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	177	3290	580	780	2380	731	885	941	191	188	3580
2	113	171	3200	553	1580	1890	873	826	678	175	166	2420
3	118	210	2430	533	2410	1900	1090	694	517	160	150	2220
4	120	344	2220	511	2180	1690	1360	520	418	145	141	2340
5	122	333	2190	491	2140	1210	1260	410	336	138	137	1900
6	122	334	2070	482	2280	947	1710	346	277	184	129	870
7	122	274	3550	554	2130	898	3140	309	238	204	135	490
8	123	227	9580	1880	2610	1510	4590	286	215	193	131	337
9	124	198	10300	2650	2780	1510	6570	298	210	415	140	264
10	131	180	15900	2350	2480	1510	10400	605	347	357	139	224
11	156	170	13200	2340	2610	1390	7420	519	983	312	132	200
12	194	169	10200	2460	2760	1110	7410	435	1460	509	e121	184
13	224	179	8130	2130	2260	891	9130	347	1330	921	e115	167
14	245	174	5400	2100	1870	759	6460	306	927	1390	e112	153
15	226	173	3570	1940	1680	804	9090	361	648	1710	e108	142
16	201	172	2090	1970	1580	1070	7650	362	549	1800	e104	137
17	185	167	1010	2480	1480	1040	4720	330	406	1530	e102	144
18	175	163	752	2650	1200	860	2970	293	315	1710	e101	153
19	173	160	658	2050	938	785	1430	254	270	1850	e99	141
20	185	160	595	1110	808	880	837	233	243	1380	e101	136
21	216	223	549	838	1030	914	679	222	223	778	e105	129
22	207	515	523	751	1220	1300	594	203	208	588	e111	123
23	209	1180	1040	683	1740	1960	532	190	195	442	178	121
24	279	1980	1420	624	3040	1700	481	182	187	338	369	119
25	332	2530	1470	577	3110	1720	430	172	179	272	381	891
26	391	2520	1620	551	2600	1640	421	162	169	232	229	1850
27	382	2220	1440	545	2790	1300	503	153	162	199	175	1760
28	385	2860	998	548	2950	1100	476	147	161	190	137	1530
29	301	3320	761	633	---	1010	457	289	183	186	252	1720
30	237	3160	660	696	---	912	778	1020	200	211	1770	1920
31	198	---	613	761	---	777	---	1020	---	206	3030	---
TOTAL	6305	24643	111429	39021	57036	39367	94192	12379	13175	18916	9288	26365
MEAN	203	821	3594	1259	2037	1270	3140	399	439	610	300	879
MAX	391	3320	15900	2650	3110	2380	10400	1020	1460	1850	3030	3580
MIN	109	160	523	482	780	759	421	147	161	138	99	119
CFSM	0.20	0.80	3.50	1.23	1.98	1.24	3.06	0.39	0.43	0.59	0.29	0.86
IN.	0.23	0.89	4.04	1.41	2.07	1.43	3.41	0.45	0.48	0.69	0.34	0.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	370	866	2284	3104	2889	3237	2814	1661	933	475	226	287
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	733278		452116			
ANNUAL MEAN	2003		1239		1590	
HIGHEST ANNUAL MEAN					3821	1983
LOWEST ANNUAL MEAN					423	1986
HIGHEST DAILY MEAN	20100	Jun 29	15900	Dec 10	62400	May 21 1983
LOWEST DAILY MEAN	94	Aug 18	99	Aug 19	13	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	111	Sep 26	103	Aug 15	14	Aug 19 2000
MAXIMUM PEAK FLOW			16600	Dec 10	71200	May 21 1983
MAXIMUM PEAK STAGE			20.52	Dec 10	26.08	May 21 1983
INSTANTANEOUS LOW FLOW			107	Oct 1	12	Aug 24 2000
ANNUAL RUNOFF (CFSM)	1.95		1.21		1.55	
ANNUAL RUNOFF (INCHES)	26.56		16.38		21.04	
10 PERCENT EXCEEDS	6780		2630		3930	
50 PERCENT EXCEEDS	571		549		405	
90 PERCENT EXCEEDS	143		141		69	

e Estimated

07289730 BIG BLACK RIVER NEAR BENTONIA, MS

LOCATION.--Lat 32°36'11", long 90°21'50", 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)
Dec. 11	2000	19,000	26.52	Sep. 27	0900	14,200	24.75
Apr. 15	1700	*20,100	*26.68				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	214	454	7770	1440	2140	4140	2320	2780	5970	328	396	7230
2	209	413	7440	1280	6950	4010	2220	2580	3980	333	400	6970
3	204	437	7140	1180	8500	3630	2410	2250	2660	343	393	6380
4	199	431	6750	1110	8470	3030	2130	1820	2030	341	373	4600
5	198	531	5380	1050	8140	2770	1900	1550	1510	329	353	3250
6	198	607	5850	1010	7670	2600	3460	1310	1190	319	343	2970
7	199	570	9920	1380	5550	2480	7240	1130	1060	304	330	2690
8	199	530	10600	4390	6920	4310	7760	991	1150	1210	314	1960
9	209	505	12300	5380	7940	5760	8090	897	1010	2180	307	1260
10	1230	465	14900	5590	8380	6100	9330	821	858	860	300	920
11	1770	423	18300	5200	8470	4470	10900	820	1300	1080	288	734
12	1190	384	18500	4300	8300	3000	14800	1460	1310	1080	282	617
13	966	354	16800	4590	6390	2560	16700	1320	1290	877	287	542
14	656	338	14200	5710	4970	2230	17300	1080	1560	926	279	485
15	455	337	12100	5970	5330	1920	19400	1240	1790	1600	268	443
16	387	331	11300	5500	4890	1900	19000	1680	1490	2620	260	413
17	370	321	11000	4010	3680	1900	16800	1530	1140	3050	252	1580
18	366	315	10800	3360	2980	2080	14100	1220	923	2670	243	1790
19	350	311	10100	3480	2650	2050	12100	945	788	2740	239	851
20	327	307	5870	3670	2740	2180	10800	811	664	2800	231	542
21	315	1890	2530	3330	4470	3460	9530	789	574	2670	245	432
22	374	3360	1930	2460	4890	5420	6250	572	510	2490	332	379
23	409	5930	1720	1890	4340	6840	2680	516	466	1770	350	346
24	364	6670	1590	1580	5450	6910	1900	624	435	1250	392	325
25	337	6770	1730	1390	6470	6210	1570	622	415	958	690	6230
26	418	6910	2240	1260	6740	4170	1610	540	395	777	982	13400
27	511	6870	2340	1160	6540	4590	1590	500	371	649	847	14000
28	490	6390	2420	1100	5170	4300	1500	484	357	556	614	12900
29	499	5890	2380	1060	---	4130	1420	4140	345	490	1210	12000
30	493	6790	2070	1050	---	3080	2350	6870	335	443	6240	11100
31	489	---	1680	1410	---	2290	---	6840	---	412	7330	---
TOTAL	14595	65834	239650	87290	165130	114520	229160	50732	37876	38455	25370	117339
MEAN	471	2194	7731	2816	5898	3694	7639	1637	1263	1240	818	3911
MAX	1770	6910	18500	5970	8500	6910	19400	6870	5970	3050	7330	14000
MIN	198	307	1590	1010	2140	1900	1420	484	335	304	231	325
CFSM	0.20	0.94	3.30	1.20	2.52	1.58	3.26	0.70	0.54	0.53	0.35	1.67
IN.	0.23	1.05	3.81	1.39	2.63	1.82	3.64	0.81	0.60	0.61	0.40	1.87
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)												
MEAN	892	1405	4441	5451	7065	6531	5470	2189	2351	1341	576	1016
MAX	4745	5142	12530	10560	10210	11520	13970	5577	8282	6156	903	3911
(WY)	2003	2003	2002	1999	1997	2001	2000	1997	1997	2004	1997	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	1417692		1185951			
ANNUAL MEAN	3873		3249		3206	
HIGHEST ANNUAL MEAN					4263	2003
LOWEST ANNUAL MEAN					1664	2000
HIGHEST DAILY MEAN	20000	Jul 6	19400	Apr 15	47700	Apr 7 2000
LOWEST DAILY MEAN	198	Oct 5	198	Oct 5	80	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	201	Oct 2	201	Oct 2	83	Sep 3 2000
MAXIMUM PEAK FLOW			20100	Apr 15	86000	May 23 1983
MAXIMUM PEAK STAGE			26.68	Apr 15	34.70	May 23 1930
INSTANTANEOUS LOW FLOW			196	Oct 5,6	79	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.66		1.39		1.37	
ANNUAL RUNOFF (INCHES)	22.54		18.85		18.62	
10 PERCENT EXCEEDS	10900		8110		9800	
50 PERCENT EXCEEDS	1780		1590		1060	
90 PERCENT EXCEEDS	353		332		237	

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: May 21-29 and June 18-21. 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)
Dec. 14	2200	20,200	33.60	May 31	1400	12,900	25.54
Feb. 3	2000	12,600	25.15	Sep. 25	1500	19,700	33.40
Apr. 18	2100	*23,400	*33.56				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	594	9060	1850	2190	7280	4170	3480	11400	388	562	8750
2	263	612	9110	1680	9160	5650	3830	3430	8710	384	519	8240
3	257	805	8580	1500	12400	5220	3250	3090	5270	350	489	7580
4	251	762	7950	1400	12500	4570	3100	2600	3190	346	504	6720
5	243	679	7420	1320	12400	3750	2590	2080	2260	348	493	4860
6	238	664	9630	1280	12000	3380	3110	1780	1720	341	454	3400
7	235	707	13400	2380	11300	3290	6360	1560	1420	368	423	3010
8	236	716	13600	8000	11100	6020	9890	1380	1290	392	412	2670
9	282	668	16700	7750	11700	7780	10900	1310	1480	1490	396	2010
10	2870	619	17000	8140	12300	9250	11100	1390	1320	2180	385	1460
11	6430	595	16600	7830	12200	8840	12000	1310	1300	1190	428	1120
12	3360	545	16900	6890	12000	6180	14700	1220	1700	1330	376	931
13	1770	482	18600	7160	11700	4020	15300	1580	1550	1460	358	781
14	1280	431	19900	9320	10400	3600	15800	1550	1460	1170	357	664
15	936	405	19900	8840	8260	2900	16900	1810	1650	1160	350	595
16	657	392	18900	8480	7810	3000	18800	1830	1810	1760	338	552
17	542	389	17400	7370	6690	2810	20900	2170	1620	2740	326	537
18	495	380	16100	5280	4860	2630	22900	1760	e1270	3170	318	1450
19	469	381	15000	4240	3760	2560	23000	1450	e990	2840	325	1760
20	451	378	14000	4330	3300	2900	21600	1190	e850	2820	309	1060
21	426	3190	10800	4530	4650	5640	19900	e1110	e730	2850	302	687
22	401	4900	4600	4010	6390	7860	18100	e1050	655	2740	640	549
23	407	5220	2630	2880	6940	11200	14700	e988	582	2510	885	473
24	486	10800	2130	2130	8610	11200	7070	e938	527	1910	639	422
25	484	10900	1930	1790	9040	10700	2790	e885	489	1470	521	10600
26	441	9340	1970	1620	9620	9030	2520	e845	455	1180	739	18200
27	451	9040	2350	1490	9700	9000	2780	e920	430	994	1070	16500
28	578	9220	2480	1390	9240	8600	2260	e2100	401	847	1030	15500
29	599	7980	2560	1350	---	7350	1980	e4000	380	725	1740	14900
30	590	7990	2500	1300	---	5910	2670	7090	366	628	9650	14300
31	594	---	2170	1400	---	4030	---	12000	---	584	9460	---
TOTAL	26992	89784	321870	128930	252220	186150	314970	69896	57275	42665	34798	150281
MEAN	871	2993	10380	4159	9008	6005	10500	2255	1909	1376	1123	5009
MAX	6430	10900	19900	9320	12500	11200	23000	12000	11400	3170	9650	18200
MIN	235	378	1930	1280	2190	2560	1980	845	366	341	302	422
CFSM	0.31	1.06	3.69	1.48	3.20	2.14	3.73	0.80	0.68	0.49	0.40	1.78
IN.	0.36	1.19	4.26	1.71	3.34	2.46	4.17	0.92	0.76	0.56	0.46	1.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2005, BY WATER YEAR (WY)

MEAN	800	1593	4333	6649	7840	8075	7413	4586	1871	1459	855	671
MAX	6645	11050	27400	24360	20700	19780	25100	23860	9311	13730	4059	5009
(WY)	2003	1958	1983	1974	1983	1973	1983	1983	1997	1940	1975	2005
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1936 - 2005	
ANNUAL TOTAL	1837058		1675831			
ANNUAL MEAN	5019		4591		3847	
HIGHEST ANNUAL MEAN					10950	1983
LOWEST ANNUAL MEAN					792	1963
HIGHEST DAILY MEAN	19900	Dec 14	23000	Apr 19	90600	May 24 1983
LOWEST DAILY MEAN	235	Oct 7	235	Oct 7	67	Oct 1 1954
ANNUAL SEVEN-DAY MINIMUM	246	Oct 2	246	Oct 2	67	Sep 30 1954
MAXIMUM PEAK FLOW			23400	Apr 18	92300	May 24 1983
MAXIMUM PEAK STAGE			33.56	Apr 18	40.77	May 21 1983
INSTANTANEOUS LOW FLOW			235	Oct 7,8,9	65	Oct 2 1954
ANNUAL RUNOFF (CFSM)	1.78		1.63		1.37	
ANNUAL RUNOFF (INCHES)	24.30		22.17		18.59	
10 PERCENT EXCEEDS	13800		12100		11000	
50 PERCENT EXCEEDS	2420		2170		1170	
90 PERCENT EXCEEDS	459		399		204	

e Estimated

07290650 BAYOU PIERRE NEAR WILLOWS, MS

LOCATION.--Lat 32°01'07", long 90°52'42", 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: Oct. 7-8, 14-19, 21-31, Nov. 1-2, 5-19, Dec. 14-15, and Jun. 7-8, 25-27. 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. 2	1330	*14,000	*16.94				

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	e130	1470	334	5190	519	6740	206	917	100	87	558
2	89	e130	1030	335	11200	462	3140	182	406	94	79	282
3	89	2700	609	e324	4620	432	1490	168	292	96	95	198
4	89	1540	472	307	2200	417	1000	159	237	107	96	157
5	143	e710	467	294	1230	420	813	151	206	114	88	132
6	241	e491	5050	304	918	391	1020	143	402	112	327	116
7	e278	e346	10600	429	778	930	2710	137	e2330	97	166	103
8	e147	e300	4110	2760	3190	3400	2500	132	e2840	106	100	94
9	133	e260	8950	1860	6370	1350	1170	368	1620	115	86	88
10	2710	e236	5910	836	4830	963	792	231	849	167	80	84
11	4960	e222	2970	574	2710	745	1060	143	456	107	86	82
12	2130	e208	1320	482	1260	565	5230	127	363	94	86	78
13	819	e200	933	1630	1110	493	1690	122	276	91	120	74
14	e599	e192	e715	3210	5140	1070	852	137	247	132	94	72
15	e412	e187	e582	1370	2910	875	605	933	215	152	79	70
16	e247	e180	491	732	1450	2570	496	504	193	218	240	184
17	e197	e174	468	541	980	1540	431	232	175	269	126	316
18	e177	e170	445	455	770	906	380	176	207	205	111	290
19	e168	e164	454	413	643	671	338	164	175	155	100	157
20	163	166	421	391	575	1450	340	159	153	116	90	104
21	e161	766	393	370	538	3520	314	594	143	106	77	83
22	e160	888	383	352	501	4100	286	400	133	104	81	74
23	e159	503	584	323	753	3520	260	252	126	123	72	63
24	e300	4360	561	292	2900	1640	235	240	120	92	69	79
25	e176	1650	433	278	1720	1030	225	262	e114	83	72	2350
26	e153	700	377	274	968	865	424	200	e110	82	72	890
27	e145	3900	348	265	715	5010	651	165	e106	79	67	312
28	e141	3450	330	264	605	2820	358	148	101	79	63	173
29	e134	1250	317	288	---	1420	250	601	100	79	771	127
30	e134	802	311	308	---	924	231	628	103	81	4970	103
31	e134	---	328	2080	---	797	---	1440	---	101	1500	---
TOTAL	15677	26975	51832	22675	66774	45815	36031	9504	13715	3656	10150	7493
MEAN	506	899	1672	731	2385	1478	1201	307	457	118	327	250
MAX	4960	4360	10600	3210	11200	5010	6740	1440	2840	269	4970	2350
MIN	89	130	311	264	501	391	225	122	100	79	63	63
CFSM	0.77	1.37	2.56	1.12	3.65	2.26	1.84	0.47	0.70	0.18	0.50	0.38
IN.	0.89	1.53	2.95	1.29	3.80	2.61	2.05	0.54	0.78	0.21	0.58	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2005, BY WATER YEAR (WY)

MEAN	272	518	1140	1552	1696	1750	1662	983	451	314	247	204
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1961 - 2005	
ANNUAL TOTAL	444741		310297			
ANNUAL MEAN	1215		850		894	
HIGHEST ANNUAL MEAN					2099	1983
LOWEST ANNUAL MEAN					191	2000
HIGHEST DAILY MEAN	30800	May 15	11200	Feb 2	72900	Apr 7 1983
LOWEST DAILY MEAN	86	Aug 19	63	Aug 28	17	Sep 5 2000
ANNUAL SEVEN-DAY MINIMUM	89	Sep 28	71	Aug 22	18	Sep 2 2000
MAXIMUM PEAK FLOW			14000	Feb 2	88000	Apr 7 1983
MAXIMUM PEAK STAGE			16.94	Feb 2	29.36	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.86		1.30		1.37	
ANNUAL RUNOFF (INCHES)	25.30		17.65		18.57	
10 PERCENT EXCEEDS	3080		2620		1800	
50 PERCENT EXCEEDS	348		308		202	
90 PERCENT EXCEEDS	128		89		59	

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.--No estimated daily discharges. Records good. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 9,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 9	0815	*18,600	*16.83	Feb. 9	0945	13,800	15.32

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	54	211	131	588	184	560	99	112	55	53	68
2	43	57	129	133	2250	173	287	97	95	55	52	59
3	43	700	107	125	559	223	191	95	88	54	51	56
4	44	192	98	122	328	200	171	95	84	55	51	54
5	58	115	457	120	262	173	170	93	81	62	51	52
6	48	101	1600	132	226	162	416	92	322	57	62	51
7	46	92	1340	410	219	164	396	91	485	53	53	51
8	51	85	370	1350	1120	252	204	90	197	57	51	50
9	60	81	6640	321	5690	186	169	92	353	57	50	50
10	355	78	942	237	1220	174	156	94	125	56	50	51
11	762	80	397	212	580	162	339	90	111	52	50	51
12	148	80	278	197	443	154	716	87	85	50	50	51
13	103	78	227	1240	626	155	217	86	76	52	52	51
14	91	75	196	688	1740	169	174	93	70	64	52	51
15	86	73	181	297	450	184	158	93	67	84	52	51
16	80	70	173	233	326	353	148	87	64	176	81	55
17	74	69	165	206	264	223	141	85	64	142	72	94
18	69	70	158	190	231	180	135	85	75	81	83	62
19	66	72	151	179	212	164	131	84	64	69	58	56
20	63	87	143	171	203	173	126	83	59	63	52	55
21	60	92	140	162	199	237	122	260	57	67	51	55
22	58	80	149	157	194	783	119	110	55	69	51	55
23	56	90	212	149	421	416	115	85	55	62	50	56
24	55	102	160	145	718	229	111	80	54	58	49	110
25	81	106	145	144	315	193	110	117	54	56	50	252
26	73	85	138	142	235	475	155	92	54	59	50	110
27	61	585	132	138	215	1750	159	85	54	56	49	66
28	57	267	128	138	203	398	110	83	54	58	48	59
29	54	127	126	148	---	256	102	108	55	59	143	56
30	53	183	125	138	---	234	101	199	55	54	448	55
31	53	---	123	148	---	231	---	148	---	54	102	---
TOTAL	2994	4026	15541	8303	20037	9010	6209	3178	3224	2046	2217	1993
MEAN	96.6	134	501	268	716	291	207	103	107	66.0	71.5	66.4
MAX	762	700	6640	1350	5690	1750	716	260	485	176	448	252
MIN	43	54	98	120	194	154	101	80	54	50	48	50
CFSM	0.53	0.74	2.77	1.48	3.95	1.61	1.14	0.57	0.59	0.36	0.40	0.37
IN.	0.62	0.83	3.19	1.71	4.12	1.85	1.28	0.65	0.66	0.42	0.46	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	97.8	152	309	422	544	524	450	267	137	141	96.4	87.2
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	156137		78778			
ANNUAL MEAN	427		216		268	
HIGHEST ANNUAL MEAN					587	1983
LOWEST ANNUAL MEAN					55.5	2000
HIGHEST DAILY MEAN	23500	Feb 5	6640	Dec 9	34600	Apr 13 1974
LOWEST DAILY MEAN	43	Sep 30	43	Oct 1	11	Jun 1 1989
ANNUAL SEVEN-DAY MINIMUM	43	Sep 28	46	Oct 1	13	May 29 1989
MAXIMUM PEAK FLOW			18600	Dec 9	55400	Apr 13 1974
MAXIMUM PEAK STAGE			16.83	Dec 9	24.53a	Apr 13 1974
ANNUAL RUNOFF (CFSM)	2.36		1.19		1.48	
ANNUAL RUNOFF (INCHES)	32.09		16.19		20.09	
10 PERCENT EXCEEDS	502		396		432	
50 PERCENT EXCEEDS	106		102		83	
90 PERCENT EXCEEDS	54		52		43	

a 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.--Estimated daily discharges: May 16-26, Jun. 30, Jul. 1-3 and Sept. 15-30. Records good except for estimated daily discharges, which are poor. Telemeter and satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since February 1949, 37.80 ft, Mar. 31, 1949, from reports of U. S. Army Corps of Engineers, Vicksburg district.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 9	1130	*49,200	*18.65	Feb. 9	1330	37,300	17.20

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	306	320	1220	477	3730	768	2130	550	614	e290	333	459
2	309	347	777	502	8110	709	1940	505	483	e294	292	397
3	309	2260	601	477	3520	1140	1100	494	435	e290	306	370
4	305	1610	538	455	1990	1150	908	487	408	327	283	355
5	306	577	606	443	1480	823	839	486	393	315	267	347
6	324	443	5370	457	1250	737	945	474	636	322	271	342
7	311	404	5020	593	1160	728	2780	466	1870	301	298	337
8	362	388	2660	4270	4670	1320	1320	461	708	279	263	333
9	461	373	23900	1520	18200	1010	965	459	1090	293	252	330
10	692	361	5010	894	5340	788	833	465	655	288	247	327
11	3090	362	2360	745	2700	729	878	451	466	275	244	324
12	992	385	1560	674	1890	676	3880	443	407	271	241	319
13	515	364	1220	3050	2060	647	1450	434	360	266	247	317
14	415	358	1000	3910	7350	664	958	463	341	322	242	316
15	377	357	871	1400	2780	704	817	1110	328	356	236	316
16	356	357	803	963	1740	1750	746	e535	318	557	268	e315
17	343	353	756	801	1370	1340	698	e458	315	740	286	e332
18	335	362	710	714	1130	948	664	e433	379	615	266	e398
19	333	384	669	662	1000	817	649	e428	394	431	324	e330
20	329	485	626	635	930	832	638	e425	323	348	334	e310
21	324	604	599	615	902	1720	620	e980	303	315	331	e308
22	322	449	628	588	846	3070	615	e801	294	356	338	e308
23	319	453	1020	543	1190	3460	635	e630	288	361	328	e307
24	316	566	759	502	2660	1520	566	e530	287	305	315	e733
25	317	726	612	497	1630	1160	549	e480	289	287	312	e1480
26	372	474	570	496	1100	1070	559	e620	287	277	326	e768
27	333	1040	540	481	923	4900	701	387	288	280	317	e350
28	330	2050	517	484	851	2080	595	347	289	282	306	e335
29	320	734	502	605	---	1290	530	342	290	289	352	e320
30	316	947	491	543	---	1050	545	1010	e289	273	1530	e312
31	317	---	482	975	---	1030	---	970	---	269	784	---
TOTAL	14356	18893	62997	29971	82502	40630	31053	17124	13827	10474	10739	12095
MEAN	463	630	2032	967	2946	1311	1035	552	461	338	346	403
MAX	3090	2260	23900	4270	18200	4900	3880	1110	1870	740	1530	1480
MIN	305	320	482	443	846	647	530	342	287	266	236	307
CFSM	0.59	0.80	2.58	1.23	3.74	1.67	1.32	0.70	0.59	0.43	0.44	0.51
IN.	0.68	0.89	2.98	1.42	3.90	1.92	1.47	0.81	0.65	0.50	0.51	0.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	574	733	1320	1761	2122	1975	1865	1235	738	631	485	495
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	567660		344661			
ANNUAL MEAN	1551		944		1156	
HIGHEST ANNUAL MEAN					2342	1983
LOWEST ANNUAL MEAN					344	2000
HIGHEST DAILY MEAN	31600	May 15	23900	Dec 9	118000	Apr 13 1974
LOWEST DAILY MEAN	305	Oct 4	236	Aug 15	123	Oct 5 2000
ANNUAL SEVEN-DAY MINIMUM	307	Sep 29	244	Aug 9	129	Sep 1 2000
MAXIMUM PEAK FLOW			49200	Dec 9	150000	Apr 13 1974
MAXIMUM PEAK STAGE			18.65	Dec 9	36.03	May 4 1953
ANNUAL RUNOFF (CFSM)	1.97		1.20		1.47	
ANNUAL RUNOFF (INCHES)	26.83		16.29		19.96	
10 PERCENT EXCEEDS	3140		1730		2070	
50 PERCENT EXCEEDS	599		491		476	
90 PERCENT EXCEEDS	333		291		232	

e Estimated

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)
Dec. 9	0830	*25,700	*17.66

No other peak greater than base discharge.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	60	480	43	3960	157	2070	101	118	54	62	48
2	66	84	184	41	3460	153	591	79	91	53	59	42
3	67	2350	128	37	857	436	375	77	82	93	51	39
4	66	307	109	35	455	279	309	77	75	66	57	36
5	65	173	119	33	306	189	279	77	69	67	41	35
6	82	149	549	39	227	166	432	75	705	64	39	34
7	71	127	939	426	200	177	363	73	479	51	35	33
8	233	112	341	1250	1210	324	230	71	204	77	35	32
9	378	102	8490	163	3560	187	198	73	258	102	34	32
10	383	98	1210	102	977	167	177	84	179	57	33	31
11	237	109	572	91	486	158	512	69	236	52	31	31
12	109	123	372	88	345	148	972	65	125	49	33	30
13	92	96	263	2330	936	147	273	63	99	67	48	30
14	85	93	185	835	2110	146	200	92	89	378	33	31
15	80	90	145	283	571	310	173	507	84	186	37	32
16	75	86	129	177	384	961	151	95	80	98	41	33
17	71	83	115	130	277	386	133	77	79	305	31	49
18	68	107	101	106	213	254	119	74	400	132	30	38
19	65	130	91	95	185	213	112	73	159	71	61	34
20	60	739	80	89	168	421	106	68	86	66	35	32
21	59	314	76	80	158	442	99	78	74	64	30	31
22	58	145	244	71	137	696	96	66	68	80	42	30
23	58	364	585	59	240	482	95	62	64	66	31	35
24	189	368	124	53	571	290	88	59	62	132	31	2440
25	117	165	87	53	650	249	89	64	60	55	28	1220
26	64	96	71	52	253	252	98	61	61	48	39	229
27	57	816	60	47	219	457	87	55	58	48	30	116
28	57	307	53	115	190	267	80	54	60	47	27	83
29	58	133	49	277	---	216	79	81	57	44	203	67
30	57	697	46	88	---	209	146	891	54	41	343	58
31	58	---	43	1630	---	261	---	310	---	45	61	---
TOTAL	3251	8623	16040	8918	23305	9200	8732	3751	4315	2758	1691	5011
MEAN	105	287	517	288	832	297	291	121	144	89.0	54.5	167
MAX	383	2350	8490	2330	3960	961	2070	891	705	378	343	2440
MIN	57	60	43	33	137	146	79	54	54	41	27	30
CFSM	0.58	1.60	2.87	1.60	4.62	1.65	1.62	0.67	0.80	0.49	0.30	0.93
IN.	0.67	1.78	3.31	1.84	4.82	1.90	1.80	0.78	0.89	0.57	0.35	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2005, BY WATER YEAR (WY)

MEAN	123	189	340	472	549	554	437	275	181	152	93.7	121
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1942 - 2005	
ANNUAL TOTAL	163962		95595			
ANNUAL MEAN	448		262		290	
HIGHEST ANNUAL MEAN					552	1983
LOWEST ANNUAL MEAN					70.6	2000
HIGHEST DAILY MEAN	12400	May 14	8490	Dec 9	30700	Mar 25 1973
LOWEST DAILY MEAN	43	Dec 31	27	Aug 28	9.0	Oct 26 1993
ANNUAL SEVEN-DAY MINIMUM	58	Dec 25	31	Sep 8	17	Aug 31 2000
MAXIMUM PEAK FLOW			25700	Dec 9	65000	Mar 25 1973
MAXIMUM PEAK STAGE			17.66	Dec 9	22.30a	Mar 25 1973
ANNUAL RUNOFF (CFSM)	2.49		1.46		1.61	
ANNUAL RUNOFF (INCHES)	33.89		19.76		21.89	
10 PERCENT EXCEEDS	879		494		484	
50 PERCENT EXCEEDS	128		92		87	
90 PERCENT EXCEEDS	70		37		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.--Estimated daily discharges: January 9-13, 15-23. 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 3500 ft^3/s and maximun (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 1	1900	*3,800	*14.15	No other peak greater than base discharge.			

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	113	162	399	168	1120	185	2750	298	571	144	212	387
2	117	157	428	166	2170	175	1460	300	387	149	158	250
3	120	473	271	163	1610	198	587	212	241	135	146	199
4	126	443	217	158	845	240	359	177	188	206	142	177
5	195	265	200	154	398	258	280	164	172	239	140	164
6	137	191	208	157	300	215	634	156	161	164	128	153
7	127	162	341	191	262	194	683	151	167	144	140	149
8	140	148	396	369	385	200	509	149	193	160	148	141
9	194	135	798	e560	1240	186	340	149	205	161	130	136
10	245	129	1400	e370	1720	178	265	155	269	149	123	135
11	515	141	1550	e290	1110	172	347	152	248	140	121	133
12	252	266	515	e250	466	165	2250	148	196	126	119	131
13	181	184	301	e290	324	159	571	145	167	130	116	129
14	156	156	238	375	496	158	350	180	154	134	113	126
15	149	147	207	e290	572	173	271	340	145	147	112	126
16	144	139	181	e220	399	1150	232	171	138	160	134	124
17	139	138	163	e184	296	753	208	153	135	190	176	127
18	136	138	160	e163	243	403	194	147	173	180	145	132
19	137	148	170	e150	215	278	187	143	148	150	128	128
20	136	163	196	e143	199	234	182	145	135	135	117	124
21	133	290	168	e137	194	232	177	141	130	157	149	120
22	133	215	180	e130	179	309	173	141	128	307	197	117
23	130	186	281	e125	193	435	180	143	127	182	152	119
24	141	848	252	124	256	356	170	138	126	148	153	159
25	156	377	218	121	258	261	163	148	128	133	129	198
26	143	227	192	119	223	223	169	158	128	126	119	173
27	137	542	178	117	212	269	167	144	125	130	114	149
28	133	582	168	125	201	212	160	136	130	142	149	132
29	131	327	162	194	---	188	155	145	253	178	470	121
30	130	288	167	149	---	178	276	265	143	156	2230	119
31	132	---	165	179	---	320	---	355	---	138	801	---
TOTAL	4958	7767	10470	6331	16086	8657	14449	5549	5611	4940	7411	4578
MEAN	160	259	338	204	574	279	482	179	187	159	239	153
MAX	515	848	1550	560	2170	1150	2750	355	571	307	2230	387
MIN	113	129	160	117	179	158	155	136	125	126	112	117
MED	137	185	208	163	312	215	268	151	157	149	140	133
CFSM	1.01	1.64	2.14	1.29	3.64	1.77	3.05	1.13	1.18	1.01	1.51	0.97
IN.	1.17	1.83	2.47	1.49	3.79	2.04	3.40	1.31	1.32	1.16	1.74	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	202	202	221	372	589	392	362	226	240	219	200	235
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	151386		96807			
ANNUAL MEAN	414		265		286	
HIGHEST ANNUAL MEAN					402	2003
LOWEST ANNUAL MEAN					90.7	2000
HIGHEST DAILY MEAN	7980	May 16	2750	Apr 1	23300	Apr 28 1997
LOWEST DAILY MEAN	100	Sep 22	112	Aug 15	55	May 31 2000
ANNUAL SEVEN-DAY MINIMUM	101	Sep 21	119	Aug 9	55	May 29 2000
MAXIMUM PEAK FLOW			3800	Apr 1	31000	Apr 28 1997
MAXIMUM PEAK STAGE			14.15	Apr 1	18.66	Apr 28 1997
INSTANTANEOUS LOW FLOW			110	Aug 14,15	50	Jun 9 2000
ANNUAL RUNOFF (CFSM)	2.62		1.68		1.81	
ANNUAL RUNOFF (INCHES)	35.64		22.79		24.64	
10 PERCENT EXCEEDS	693		431		444	
50 PERCENT EXCEEDS	178		168		140	
90 PERCENT EXCEEDS	124		128		82	

e Estimated

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in sec. 72, T. 2 S., R. 4 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi^2.

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. 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 2005" (WDR LA-05-1).

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, 55,900 ft^3/s, Dec. 8, gage height, 28.40 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, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11 23	0100	12.03	2530	12 06	0000	14.50	5810	06 11	2300	13.91	4930
11 23	1200	12.92	3570	12 06	1200	21.51	21900	06 12	0300	19.59	16500
11 24	0000	18.07	12700	12 06	2300	24.92	35600	06 12	0600	21.60	22200
11 24	0300	20.73	19500	12 07	0100	25.38	37800	06 12	0900	22.83	26600
11 24	0500	21.93	23400	12 07	0300	25.83	40000	06 12	1200	23.40	28800
11 24	0700	22.93	26900	12 07	0500	26.32	42800	06 12	1400	23.50	29200
11 24	0900	23.80	30400	12 07	0700	26.71	45200	06 12	1500	23.47	29000
11 24	1100	24.49	33500	12 07	0900	27.07	47500	06 12	1600	23.41	28800
11 24	1300	24.96	35800	12 07	1100	27.39	49500	06 12	1700	23.30	28400
11 24	1500	25.24	37100	12 07	1300	27.68	51500	06 12	1800	23.20	28000
11 24	1600	25.33	37500	12 07	1500	27.90	53000	06 12	1900	23.10	27600
11 24	1700	25.37	37700	12 07	1700	28.06	54200	06 12	2000	22.89	26800
11 24	1800	25.32	37500	12 07	1900	28.19	55200	06 12	2100	22.68	26000
11 24	1900	25.33	37500	12 07	2100	28.29	56000	06 12	2200	22.45	25200
11 24	2000	25.23	37100	12 07	2200	28.32	56200	06 12	2300	22.20	24300
11 24	2300	24.74	34700	12 07	2300	28.33	56300	06 13	0000	21.88	23200
11 25	0400	23.36	28600	12 08	0300	28.35	56500	06 13	0200	21.17	22000
11 25	0800	21.85	23100	12 08	0600	28.28	55900	06 13	0400	20.35	18500
11 25	1400	20.29	18300	12 08	0900	28.15	54900	06 13	0600	19.44	16100
11 25	2000	19.80	17000	12 08	1200	28.00	53700	06 13	0800	18.62	14000
11 26	0000	19.88	17200	12 08	1500	27.90	53000	06 13	1000	17.82	12200
11 26	1200	19.41	16000	12 08	1800	27.85	52700	06 13	1200	17.19	10800
				12 08	2100	27.73	51800	06 13	1800	16.06	8500
				12 09	0000	27.55	50600	06 13	2300	15.62	7690
				12 09	0300	27.35	49300				
				12 09	0600	27.24	48600				
				12 09	0900	27.42	49700				
				12 09	1200	27.72	51800				
				12 09	1500	28.01	53800				
				12 09	1800	28.17	55000				
				12 09	2100	28.19	55200				
				12 10	0000	28.03	53900				
				12 10	0300	27.63	51200				
				12 10	0600	27.04	47300				
				12 10	0900	26.36	43000				
				12 10	1200	25.56	38700				
				12 10	1800	24.03	31300				
				12 10	2300	23.05	27400				

Flood hydrograph partial-record stations--Continued

PASCAGOULA RIVER BASIN

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.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 5,810 ft^3/s, August 30, gage height 19.97 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-09	0530	15.12	773	04-06	1714	11.99	359	08-29	1645	10.01	175
12-09	0930	16.64	1130	04-06	2014	15.57	961	08-29	2100	14.52	684
12-09	1130	17.18	1470	04-07	0000	17.01	1340	08-30	0000	15.37	809
12-09	1330	17.68	1930	04-07	0459	18.26	2600	08-30	0300	15.85	895
12-09	1530	18.16	2470	04-07	0959	18.82	3420	08-30	0600	16.29	987
12-09	1730	18.44	2840	04-07	1559	19.26	4210	08-30	0900	16.69	1160
12-09	1830	18.62	3110	04-07	1729	19.33	4350	08-30	1200	18.31	2670
12-09	1930	18.77	3340	04-07	1744	19.33	4350	08-30	1500	19.42	4540
12-09	2030	18.88	3520	04-07	1859	19.32	4330	08-30	1800	19.81	5410
12-09	2130	18.93	3610	04-07	1959	19.28	4250	08-30	2100	19.95	5760
12-09	2230	18.96	3660	04-07	2259	19.06	3840	08-30	2200	19.97	5810
12-09	2245	18.96	3660	04-08	0000	18.97	3680	08-30	2215	19.97	5810
12-09	2300	18.96	3660	04-08	0459	18.42	2820	08-30	2230	19.97	5810
12-10	0000	18.93	3610	04-08	0959	18.01	2290	08-30	2330	19.95	5760
12-10	0100	18.90	3560	04-08	1459	17.74	1990	08-31	0300	19.79	5360
12-10	0200	18.85	3470	04-08	1959	17.48	1730	08-31	0600	19.51	4730
12-10	0300	18.80	3390	04-09	0000	17.18	1470	08-31	0900	19.20	4100
12-10	0500	18.72	3260	04-09	0459	16.16	957	08-31	1200	18.87	3500
12-10	1000	18.50	2930	04-09	1159	13.61	557	08-31	1800	18.32	2680
12-10	1500	18.20	2520	09-01	0000	17.90	2160				
12-10	2000	17.92	2190	09-01	1200	17.41	1670				
12-11	0000	17.75	2000	09-02	0000	17.04	1360				
12-11	0500	17.56	1810	09-02	1200	15.09	768				
12-11	1000	17.32	1590	09-02	2300	11.93	353				
12-11	1500	16.66	1140								
12-11	2000	14.90	740								

Flood hydrograph partial-record stations--Continued

PASCAGOULA RIVER BASIN--Continued

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.--Records good.

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.---Maximum discharge, 10,500 ft^3/s, April 1, gage height 20.53 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
02-09	0500	5.17	1310	03-31	0500	4.79	1160	08-30	0730	7.79	2490
02-09	1500	6.25	1770	03-31	1000	6.50	1880	08-30	1000	7.94	2560
02-10	0000	6.96	2090	03-31	1500	8.89	3030	08-30	1400	8.54	2860
02-10	1000	7.48	2340	03-31	2000	9.99	3610	08-30	1600	8.95	3070
02-10	2000	7.81	2500	04-01	0000	11.69	4550	08-30	1800	9.44	3320
02-11	0000	7.99	2580	04-01	0500	16.56	7540	08-30	2000	9.91	3570
02-11	0500	8.32	2750	04-01	1000	18.99	9260	08-30	2100	10.14	3690
02-11	1000	8.74	2960	04-01	1500	19.93	9950	08-30	2200	10.32	3790
02-11	1500	9.27	3230	04-01	1715	20.21	10200	08-30	2300	10.46	3870
02-11	2000	9.68	3450	04-01	2000	20.40	10400	08-30	2345	10.55	3920
02-12	0000	9.93	3580	04-01	2100	20.52	10500	08-31	0100	10.66	3980
02-12	0400	10.10	3670	04-01	2200	20.53	10500	08-31	0200	10.68	3990
02-12	0500	10.11	3680	04-01	2245	20.51	10500	08-31	0215	10.72	4010
02-12	0545	10.14	3690	04-01	2330	20.49	10500	08-31	0230	10.71	4000
02-12	0615	10.15	3700	04-02	0230	20.41	10400	08-31	0330	10.68	3990
02-12	0645	10.13	3690	04-02	0500	20.30	10300	08-31	0445	10.66	3980
02-12	0730	10.11	3680	04-02	1000	19.91	9930	08-31	0600	10.59	3940
02-12	0930	10.10	3670	04-02	1500	19.33	9510	08-31	0700	10.48	3880
02-12	1200	9.99	3610	04-02	2000	18.27	8740	08-31	0800	10.38	3820
02-12	1500	9.86	3540	04-03	0000	17.28	8040	08-31	1000	10.14	3690
02-12	2000	9.49	3350	04-03	1030	14.77	6400	08-31	1200	9.88	3550
02-13	0000	9.18	3180	04-03	2000	12.33	4920	08-31	1400	9.59	3400
02-13	1000	8.38	2780	04-04	0500	10.49	3880	08-31	1600	9.32	3260
02-13	2000	7.67	2430	04-04	2000	8.79	2980	08-31	1900	8.92	3050
02-14	0500	7.19	2200	04-05	1000	7.73	2460	08-31	2300	8.42	2800
02-14	1500	6.63	1940					09-01	0400	7.94	2560
02-15	0000	6.14	1720					09-01	0700	7.70	2440
02-15	1000	5.28	1480					09-01	1000	7.51	2350
02-15	2000	4.95	1220								

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 of 1988.

REMARKS.--Records good.

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 unknown ft^3/s, August 29, gage height 19.97 ft.

GAGE-HEIGHT, IN FEET, AND DISCHARGE IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10 10	0100	3.07	9850	04 01	0000	0.89	2700	09 22	1800	3.15	10100
10 10	0200	3.30	10600	04 01	0400	2.13	6870	09 23	0000	4.48	14100
10 10	0300	3.54	11300	04 01	0545	2.55	8210	09 23	0100	4.61	18300
10 10	0400	3.78	12000	04 01	0800	2.16	6960	09 23	0200	5.01	15700
10 10	0430	3.86	12300	04 01	1300	2.99	9610	09 23	0300	5.33	16600
10 10	0500	3.88	12300	04 01	1500	2.75	8840	09 23	0400	5.62	17400
10 10	0530	3.84	12200	04 01	1800	3.39	10800	09 23	0500	5.85	18000
10 10	0630	3.70	11800	04 01	2000	3.18	10200	09 23	0600	5.94	18300
10 10	0700	3.66	11700	04 01	2345	2.64	8490	09 23	0700	5.97	18400
10 10	0800	3.88	12300	04 02	0400	2.89	9290	09 23	0800	5.83	18000
10 10	0830	4.10	13000	04 02	0600	3.10	9950	09 23	0900	5.57	17200
10 10	0900	4.30	13600	04 02	0800	3.33	10600	09 23	1000	5.36	16700
10 10	0930	4.45	14000	04 02	1000	3.61	11500	09 23	1100	5.27	16400
10 10	1000	4.54	14300	04 02	1100	3.81	12100	09 23	1200	5.28	16400
10 10	1030	4.63	14600	04 02	1130	3.74	11900	09 23	1300	5.37	16700
10 10	1100	4.70	14800	04 02	1200	3.86	12300	09 23	1400	5.45	16900
10 10	1130	4.76	15000	04 02	1230	3.87	12300	09 23	1500	5.44	16900
10 10	1200	4.83	15200	04 02	1300	3.90	12400	09 23	1600	5.30	16500
10 10	1230	4.91	15400	04 02	1330	3.98	12600	09 23	1700	5.24	16300
10 10	1300	5.04	15800	04 02	1400	3.95	12500	09 23	1800	5.27	16400
10 10	1330	5.15	16100	04 02	1430	3.96	12600	09 23	1900	5.19	16200
10 10	1400	5.19	16200	04 02	1500	3.98	12600	09 23	2000	5.05	15800
10 10	1430	5.20	16200	04 02	1530	3.91	12400	09 23	2100	4.94	15500
10 10	1500	5.14	16000	04 02	1600	3.94	12500	09 23	2200	5.02	15700
10 10	1530	4.99	15600	04 02	1700	3.92	12400	09 23	2300	5.24	16300
10 10	1600	4.78	15000	04 02	1800	3.84	12200	09 24	0000	5.53	17100
10 10	1630	4.59	14500	04 02	1900	3.77	12000	09 24	0100	5.75	17700
10 10	1700	4.38	13800	04 02	2000	3.48	11100	09 24	0200	5.93	18200
10 10	1730	4.16	13200	04 02	2100	3.28	10500	09 24	0300	6.06	18600
10 10	1800	3.97	12600	04 02	2345	2.46	7920	09 24	0400	6.18	18900
10 10	1900	3.57	11400					09 24	0515	6.26	19200
10 10	2000	3.18	10200					09 24	0545	6.26	19200
10 10	2200	2.82	9070					09 24	0700	6.08	18700
								09 24	0800	5.84	18000
								09 24	0900	5.61	17400
								09 24	1000	5.33	16600
								09 24	1100	5.07	15800
								09 24	1200	4.78	15000
								09 24	1300	4.52	14200
								09 24	1400	4.23	13400
								09 24	2000	2.78	8940
								09 24	2145	2.52	8490

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, 1,400 ft^3/s,Dec. 9, gage height 10.09 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12 09	0230	5.13	203	08 29	1300	4.41	112	09 24	1600	7.45	653
12 09	0245	7.38	636	08 29	1330	4.63	138	09 24	1615	9.71	1310
12 09	0300	8.45	917	08 29	1345	4.86	166	09 24	1630	9.33	1180
12 09	0315	9.20	1140	08 29	1400	5.25	220	09 24	1645	7.87	758
12 09	0330	9.92	1380	08 29	1430	5.63	280	09 24	1700	6.77	497
12 09	0345	10.09	1440	08 29	1500	5.79	307	09 24	1715	6.00	344
12 09	0400	9.81	1340	08 29	1530	6.57	455	09 24	1730	5.40	243
12 09	0415	9.27	1160	08 29	1545	6.91	527	09 24	1745	4.94	177
12 09	0430	8.53	939	08 29	1615	7.58	685	09 24	1800	4.57	130
12 09	0445	7.65	702	08 29	1630	7.77	733	09 24	1830	4.00	72
12 09	0500	7.02	552	08 29	1645	9.31	1180				
12 09	0515	6.36	412	08 29	1700	9.21	1140				
12 09	0530	5.85	317	08 29	1730	9.00	1080				
12 09	0545	5.46	253	08 29	1800	8.59	957				
12 09	0600	5.15	206	08 29	1830	8.27	866				
12 09	0615	4.89	170	08 29	1900	7.90	766				
				08 29	1930	7.23	600				
				08 29	2000	6.61	463				
				08 29	2030	6.13	368				
				08 29	2100	5.67	287				
				08 29	2130	5.29	226				
				08 29	2200	5.16	207				

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, 3,310 ft^3/s, Dec. 9, gage height, 10.88 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12 09	0245	3.97	584	04 11	1745	5.18	956	08 29	1300	3.19	376
12 09	0300	5.87	1190	04 11	1800	6.99	1610	08 29	1345	3.67	501
12 09	0315	7.34	1740	04 11	1815	8.02	2020	08 29	1415	4.49	737
12 09	0330	9.13	2500	04 11	1830	8.42	2190	08 29	1445	5.01	900
12 09	0345	10.47	3110	04 11	1845	8.51	2230	08 29	1515	5.56	1080
12 09	0400	10.88	3310	04 11	1900	8.30	2140	08 29	1530	5.98	1230
12 09	0415	10.73	3230	04 11	1915	7.93	1980	08 29	1545	6.34	1360
12 09	0430	10.25	3010	04 11	1930	7.57	1840	08 29	1600	6.88	1560
12 09	0500	8.74	2320	04 11	1945	7.06	1630	08 29	1630	7.30	1730
12 09	0515	7.88	1960	04 11	2000	6.52	1430	08 29	1645	7.54	1820
12 09	0530	7.34	1740	04 11	2015	5.98	1230	08 29	1715	7.44	1780
12 09	0545	6.53	1430	04 11	2030	5.42	1040	08 29	1730	7.59	1840
12 09	0600	6.10	1270	04 11	2045	5.19	959	08 29	1800	7.46	1790
12 09	0615	5.65	1110	04 11	2100	4.80	833	08 29	1845	7.04	1630
12 09	0630	5.41	1030	04 11	2115	4.49	737	08 29	1930	6.50	1420
12 09	0645	5.05	913	04 11	2130	4.26	668	08 29	2030	5.64	1110
12 09	0700	4.88	858	04 11	2145	4.17	641	08 29	2130	4.93	874
12 09	0715	4.78	827	04 11	2200	3.96	581	08 29	2230	4.63	780
12 09	0730	4.37	701	04 11	2230	3.45	442	08 29	2345	4.35	695
12 09	0815	3.83	545	04 11	2300	3.08	349	08 30	0030	4.03	601
12 09	0845	3.57	474	08 30	0100	3.75	522				
12 09	0915	3.12	359	08 30	0130	3.41	432				
				08 30	0200	3.14	364				

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, 3,820 ft^3/s, Dec. 9, 2004 , gage height 14.54 ft (from flood mark).

GAGE-HEIGHT, IN FEET, AND DISCHARGE IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12 09	0215	4.53	124	08 29	1130	4.05	83	04 11	1730	4.94	167
12 09	0230	5.07	182	08 29	1145	4.43	115	04 11	1745	8.40	857
12 09	0245	6.88	478	08 29	1200	4.70	141	04 11	1800	10.79	1720
12 09	0300	8.94	1020	08 29	1215	4.94	167	04 11	1815	11.81	2200
12 09	0315	10.67	1670	08 29	1230	5.15	192	04 11	1830	12.11	2350
12 09	0330	12.80	2730	08 29	1245	5.43	229	04 11	1845	12.27	2440
12 09	0345	14.00	3460	08 29	1315	6.12	334	04 11	1915	12.66	2650
12 09	0400	14.37	3710	08 29	1345	6.59	420	04 11	1930	12.59	2610
12 09	0415	14.54	3820	08 29	1415	7.43	601	04 11	2000	11.80	2200
12 09	0430	14.22	3600	08 29	1430	7.87	710	04 11	2030	11.14	1880
12 09	0445	14.03	3480	08 29	1445	8.11	775	04 11	2100	10.16	1460
12 09	0500	13.68	3260	08 29	1500	8.32	834	04 11	2130	9.17	1100
12 09	0515	13.24	2990	08 29	1530	9.11	1080	04 11	2200	8.30	828
12 09	0530	12.71	2680	08 29	1545	9.61	1250	04 11	2300	7.13	532
12 09	0545	12.11	2350	08 29	1600	9.96	1380	04 11	2330	6.72	445
12 09	0600	11.49	2040	08 29	1630	10.61	1650	04 11	2345	6.53	408
12 09	0615	10.85	1750	08 29	1700	10.89	1770	04 12	0000	6.34	373
12 09	0630	10.21	1480	08 29	1730	11.22	1920	04 12	0030	6.05	322
12 09	0645	9.63	1300	08 29	1800	11.52	2060	04 12	0100	5.80	282
12 09	0700	9.10	1080	08 29	1830	11.44	2020	04 12	0130	5.59	251
12 09	0715	8.62	923	08 29	1900	11.12	1870	04 12	0200	5.40	224
12 09	0730	8.18	794	08 29	2000	10.29	1510	04 12	0300	5.13	190
12 09	0745	7.78	687	08 29	2100	9.06	1060	04 12	0400	4.89	173
12 09	0815	7.13	532	08 29	2200	8.10	772	04 12	0500	4.74	145
12 09	0845	6.64	429	08 29	2300	7.70	667	04 12	0600	4.58	129
12 09	0930	6.11	332	08 30	0015	7.25	559				
12 09	1015	5.73	272	08 30	0100	6.82	465				
12 09	1115	5.32	214	08 30	0200	6.23	353				
12 09	1215	5.03	178	08 30	0330	5.39	223				
12 09	1245	4.92	165	08 30	0500	4.84	156				
				08 30	0645	4.42	114				
				08 30	0800	4.21	96				
				08 30	0915	4.06	84				

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: December 10-17. 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, 4,070 ft^3/s, Dec. 9, gage height 11.83 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12 09	0215	4.11	112	04 11	1630	3.07	27	08 15	1830	3.09	28
12 09	0245	4.29	133	04 11	1700	3.15	31	08 15	1945	3.11	29
12 09	0300	4.69	187	04 11	1715	3.39	46	08 15	2000	3.14	30
12 09	0315	6.21	481	04 11	1730	4.13	114	08 15	2015	3.71	72
12 09	0330	7.90	979	04 11	1745	4.80	203	08 15	2030	5.35	297
12 09	0345	9.81	1870	04 11	1800	7.32	790	08 15	2045	7.49	843
12 09	0400	10.92	2910	04 11	1815	8.87	1340	08 15	2100	9.52	1680
12 09	0415	11.49	3610	04 11	1830	9.21	1510	08 15	2115	10.89	2880
12 09	0430	11.76	3970	04 11	1845	9.47	1660	08 15	2130	11.70	3890
12 09	0445	11.83	4070	04 11	1900	9.53	1690	08 15	2145	11.81	4040
12 09	0500	11.43	3530	04 11	1915	9.48	1660	08 15	2200	11.23	3280
12 09	0515	10.92	2910	04 11	1930	9.28	1600	08 15	2215	10.38	2350
12 09	0530	10.14	2120	04 11	1945	8.89	1350	08 15	2230	9.21	1510
12 09	0545	9.27	1540	04 11	2000	8.44	1180	08 15	2245	7.98	1010
12 09	0600	8.35	1140	04 11	2015	8.01	1020	08 15	2300	6.94	675
12 09	0615	7.54	859	04 11	2030	7.60	879	08 15	2315	6.30	503
12 09	0630	7.07	713	04 11	2045	7.17	744	08 15	2330	5.81	390
12 09	0645	6.61	583	04 11	2100	6.78	630	08 15	2345	5.48	322
12 09	0700	6.36	518	04 11	2115	6.43	536	08 16	0015	5.08	249
12 09	0730	5.89	407	04 11	2130	6.27	496	08 16	0045	4.83	208
12 09	0800	5.54	334	04 11	2200	5.67	360	08 16	0115	4.65	181
12 09	0845	5.18	266	04 11	2230	5.32	291	08 16	0145	4.49	158
12 09	0930	4.91	220	04 11	2300	5.05	243	08 16	0215	4.39	145
12 09	1015	4.74	194	04 11	2345	4.74	194	08 16	0315	4.21	123
12 09	1100	4.57	169	04 12	0030	4.51	161	08 16	0415	4.11	112
12 09	1200	4.40	147	04 12	0100	4.38	144	08 16	0530	4.00	98
12 09	1300	4.24	127	04 12	0200	4.22	124	08 16	0700	3.91	91
12 09	1400	4.14	115	04 12	0300	4.11	112	08 16	0800	3.86	86
12 09	1500	4.05	105	04 12	0400	4.02	102				
12 09	1630	3.97	97	04 12	0500	3.93	92				
12 09	2000	3.80	80	04 12	0600	3.87	87				
12 09	2200	3.77	77								

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 2005 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, 1961-03, 2005	12-06-04	19.75	2,290	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 436.30 ft. above NGVD of 1929. Drainage area is 2.01 mi^2.	1967-72, 1973-03‡, 2005	12-07-04	3.61	92	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, 2001-2005	12-07-04	22.24	26,900	12-07-04	22.24	26,900
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‡, 1971-2005	12-06-04	23.07	10,900	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‡, 2005	12-06-04	23.60	15,300	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.	1953-2005	12-06-04	15.00	4,600	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‡, 1968-2005	08-30-05	11.16	13,600	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.	1952-2005	12-07-04	94.51	12,600	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 2005 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.	1967-2005	08-30-05	8.19	460	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‡, 1969-2005	12-07-04	24.97	6,550	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, 1988-2005	08-30-05	14.43	6,660	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. above NGVD of 1929. Drainage area is 167 mi^2.	1952-73‡, 1974-2005	08-30-05	14.27	13,200	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‡, 1969-2005	12-10-04	14.60	9,350	03-16-73	18.65	40,000
Chuquatonchee Creek near West Point, MS (02440500)	Lat 33°36'26", long 88°42'33", on line between sec.7 and 8, 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. Datum of gage is 170.00 ft. above NGVD of 1929. Drainage area is 505 mi^2.	1944-04‡, 2005	12-10-04	18.28	12,200	03-17-73	24.58	57,100
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.	1952-2005	04-12-05	<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.	1952-2005	04-12-05	21.84	3,630	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, 2004-2005	12-11-04	24.55	16,600	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.	1966-2005	08-30-05	6.75	253	04-27-84	8.75	395

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 2005 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					
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‡, 1969-2005	08-30-05	17.75	7,960	04-13-79	21.52	19,800
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‡, 1978-2005	12-09-04	17.98	10,200	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.	1967-2005	08-30-05	4.01	120	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‡, 2004-2005	08-30-05	19.28	4,580	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, 1957-2005	04-08-05	<16.12	<3,200	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.	1968-2005	04-08-05	40.79	7,280	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‡, 1968-2005	02-02-05	12.19	2,840	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.	1968-2005	04-01-05	25.22	11,300	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.	1969-2005	08-30-05	13.90	4,950	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‡, 1971-2005	02-02-05	14.39	1,140	03-03-79	17.20	7,200

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 2005 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						
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.	1966-2005	08-30-05	9.56	1,450	07-13-93	11.49	2,380
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.	1951-2005	04-01-05	9.69	2,450	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.	1998-2005	04-01-05	15.74	6,950	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.	1955-2005	04-01-05	9.92	565	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.	2003-2005	d11-27-03 08-30-05	d15.53 16.51	d3,440 4,670	04-07-03	18.64	8,040
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.	1965-2005	08-30-05	10.32	680	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.	1963-2005	02-02-05	15.89	2,020	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 NGVD of 1929. Drainage area is 54.4 mi^2.	2004-2005	04-01-05	16.50	14,600	04-01-05	16.50	14,600
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 30.8 mi^2.	2004-2005	04-01-05	37.35	9,100	04-01-05	37.35	9,100

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 2005 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
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‡, 1972-2005	04-02-05	22.13	10,700	09-29-98	26.06	20,300
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.	1998-2005	04-01-05	14.29	33,400	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.	1998-2005	09-29-98 03-14-99 04-14-00 06-30-03 05-13-04 08-29-05	28.90 d<15.65 d<15.65 25.62 d<15.57 26.11	d9,040 d<2,300 d<2,300 d7,290 d<2,300 7,550	09-29-98	28.90	d9,040
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.	1965-2005	04-01-05	19.53	17,200	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, 1998-2005	08-29-05	31.55	9,430	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.	1998-2005	08-29-05	b	(†)	08-29-05	b	(†)
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.	1998-2005	08-29-05	23.88	14,700	08-29-05	23.88	14,700
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.	1999-2005	12-10-04	22.92	5,500	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.	1965-2005	04-06-05	4.93	220	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.	1975-2005	04-06-05	13.65	3,240	04-07-03	19.28	17,400

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 2005 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								
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.	1965-2005	04-11-05	7.95	158	04-11-05	7.95	158
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.	1971-2005	04-06-05	11.99	4,300	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.	2003-2005	12-09-04	14.22	4,410	d04-07-03	d17.30	d16,500
Pelahatchie Creek at Sate Highway 25 near Fannin MS (02485498)	Lat 32°23′17″, long 89°57′19″ 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.	2004-2005	12-08-04	<20.54	<4,020	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.	1952-2005	12-08-04	8.38	803	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.	2004-2005	04-06-05	<13.70	<440	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.	1962-2005	12-09-04	7.17	370	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.	1955-2005	04-08-05	23.08	6,270	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.	1998-2005	12-09-04	23.96	660	02-06-04	25.29	(†)

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 2005 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft^3/s)	Date	Gage height (ft)	Dis-charge (ft^3/s)
			PEARL RIVER BASIN--Continued					
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‡, 1969-2005	04-01-05	<9.06	<2,550	04-12-80	25.11	32,000
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.	1984-05‡	12-10-04	28.89	36,600	05-05-91	35.66	65,000
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.	1998-2005	04-01-05	14.93	6,110	02-06-04	17.12	17,500
White Sand Creek near Oak Vale, MS (02488700)	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. Datum of gage is 182.20 ft above NGVD of 1929 Drainage area is 130 mi^2.	1965-04‡, 2005	04-01-05	<16.19	<13,500	04-13-74	18.76	25,400
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.	1955-2005	04-01-05	5.45	280	4-06-83	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.	1999-2005	04-08-05	12.03	2,940	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 north-west of New Albany, and 4.5 mi above mouth. Datum of gage is 326.92 ft. above NGVD 0f 1929. Drainage area is 26.8 mi^2.	1939-42‡, 1952-2005	07-05-05	7.59	2,150	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 south-west 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‡, 1952-2005	12-06-04	15.39	2,400	05-19-83	19.94	f5,000

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 2005 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						
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, 1988-2005	12-06-04	15.57	2,820	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‡, 2002-2005	12-07-04	12.52	3,530	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‡, 2002-2005	09-25-05	7.91	772	11-30-01	11.29	1,840
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 Meridan, 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‡, 2002-2005	12-07-04	15.99	9,300	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‡, 1952-2005	04-07-05	20.01	13,500	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 183 ft. above NGVD of 1929. Drainage area is 79.2 mi^2.	1986-01‡, 2002-2005	04-07-05	17.36	11,500	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‡, 2002-2005	04-06-05	16.10	(†)	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.	1999-2005	04-06-05	<20.99	<1,560	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.	1965-2005	12-06-04	11.18	1,500	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, 1968-2005	04-06-05	<18.90	<5,990	04-05-01	25.13	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 2005 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft^3/s)	Date	Gage height (ft)	Dis-charge (ft^3/s)
		YAZOO RIVER BASIN--Continued						
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, 2002-2005	04-06-05	17.57	3,620	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, 2002-2005	12-07-04	(b)	(†)	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.	1999-2005	04-06-05	8.33	2,490	04-07-03	11.35	4,480
		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, 1976-2005	04-06-05	<20.26	<1,450	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.	1999-2005	04-06-05	21.80	3,500	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‡, 2005	04-06-05	<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.	1999-2005	04-12-05	15.76	2,510	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.	1948-2005	12-07-04	18.04	2,400	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, 1998-2005	08-30-05	17.96	1,710	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.	1953-2005	10-10-04	22.16	4,210	04-13-69	30.03	21,000

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 2005 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
			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.	1998-2005	12-09-04	16.80	5,200	02-22-03	18.98	20,000
Tallahalla Creek at Utica, MS (0729054995)	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.	1998-2005	02-01-05	<18.10	<5,810	09-26-02	22.64	8,520
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‡, 1963-2005	02-01-05	<14.63	<6,110	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.	1967-2005	04-11-05	8.49	610	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.	1999-2005	10-10-04	<32.88	<7,800	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.	1999-2005	10-10-04	24.48	10,700	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, 1955-2005	06-06-05	77.00	2,000	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.	1955-2005	12-09-04	5.24	220	03-24-73	9.90	455

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 2005 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft^3/s)	Date	Gage height (ft)	Dis-charge (ft^3/s)
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, 1998-2005	04-01-05	18.11	15,600	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.

Short-term water-quality studies were conducted on selected stream reaches to collect water-quality data for use in hydrologic analyses.

NON-WADEABLE STREAMS STUDY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

02439400 BUTTAHATCHEE RIVER NEAR ABERDEEN, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)
AUG												
10...	1430	320	13	769	7.4	6.2	32	27.0	.17	.05	.184	.019

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, unfltrd mg/L (00680)	Sus-pended sedi-ment concen-tration mg/L (80154)
AUG			
10...	.34	E2.3	20

333406088204000 LUXAPALLILA CREEK NEAR STEENS, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)
AUG												
09...	1415	228	10	770	7.0	5.9	33	26.5	.14	.02	.161	.019
09...	1600	228	11	771	7.0	6.2	33	27.1	.20	.03	.157	.022

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, unfltrd mg/L (00680)	Sus-pended sedi-ment concen-tration mg/L (80154)	Field sample comment
AUG				
09...	.29	3.5	17	--
09...	.37	3.2	17	Sample collected 500 meters upstream

330100088275200 NOXUBEE RIVER NEAR MC LEOD, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)
SEP											
21...	1145	178	20	7.3	6.8	121	26.2	.24	.04	.324	.087

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, unfltrd mg/L (00680)	Sus-pended sedi-ment concen-tration mg/L (80154)
SEP			
21...	.57	5.1	38

Remark codes:
E -- Estimated

NON-WADEABLE STREAMS STUDY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

323350090271700 BIG BLACK RIVER NEAR NEVADA, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)
AUG 17...	1100	250	49	771	6.5	6.7	161	31.5	.67	.03	<.010	.166

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, unfltrd mg/L (00680)	Sus-pended sedi-ment concen-tration mg/L (80154)
AUG 17...	.63	8.3	118

321108090465500 BIG BLACK RIVER NEAR BIG BLACK, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phos-phorus, water, unfltrd mg/L (00665)
AUG 22...	1130	338	35	770	5.8	6.8	241	31.9	.79	.04	<.010	.200
22...	1230	338	37	770	5.8	7.0	240	31.8	.71	.02	<.010	.192

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, unfltrd mg/L (00680)	Sus-pended sedi-ment concen-tration mg/L (80154)	Field sample comment
AUG 22...	.42	8.3	76	--
22...	.65	8.2	88	Sample collected 500 meters upstream

Remark codes:
< -- Less than

HURRICANE KATRINA STUDY

WATER QUALITY DATA, SEPTEMBER 2005

02475000 LEAF RIVER NEAR MCLAIN, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP 27...	1000	1420	19	--	6.5	6.5	157	27.8	5.36	1.57	3.33	22.4

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP 27...	25	30	15.7	<.1	12.3	14.5	112	.41	.48	E.03	.34	.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP 27...	.04	.064	.137	8.1	2.0	20	21	<.20	.9	31	<.06	20

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP 27...	<.04	.18	.229	1.3	149	.09	1.2	59.7	.4	.97	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP 27...	36.3	<.04	1.1	1.2	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Coprost-anol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP 27...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1

Date	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)
SEP 27...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028

Remark codes:
< -- Less than
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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02475000 LEAF RIVER NEAR MCLAIN, MS--Conrinued

Date	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP 27...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)
SEP 27...	<.02	<.01	<.5	<.5	M	<2	--	<.02	<.03	.028	M	<.02

Date	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
SEP 27...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)
SEP 27...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)
SEP 27...	--	<.005	<.04	<.03	<.08	<.009	E3	<1	<.006	<.04	<.01	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP 27...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP 27...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02475000 LEAF RIVER NEAR MCLAIN, MS--Conrinued

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP 27...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 27...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.020

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP 27...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP 27...	<1	<.022	--	<.5	<.5	<.10	<.011	--	--	<.03	<.01	<.005

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP 27...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP 27...	<.008	<.016	<.07	<.02	M	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP 27...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02475000 LEAF RIVER NEAR MCLAIN, MS--Conrinued

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP 27...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP 27...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP 27...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP 27...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP 27...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP 27...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP 27...	<.03	<.09	<.7	<.10	<.04	<.08	E.02	<.1	<.01	E.04

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP 27...	1330	1750	73	--	6.8	6.7	88	28.3	8.06	1.50	1.73	5.51

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP 27...	21	E25	6.30	E.1	10.8	4.2	72	.22	.47	<.04	.22	E.004

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP 27...	<.02	.006	.052	6.9	<2.0	20	9	<.20	.5	25	<.06	19

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP 27...	<.04	.09	.138	.7	135	E.06	1.3	25.1	<.4	.95	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP 27...	66.6	<.04	.3	.9	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Coprost-anol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP 27...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1

Date	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)
SEP 27...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028

Remark codes:
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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS--Continued

Date	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP 27...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)
SEP 27...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	<.018	<.5	<.02

Date	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
SEP 27...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)
SEP 27...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)
SEP 27...	--	<.005	<.04	<.03	<.08	<.009	E3	<1	<.006	<.04	<.01	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP 27...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP 27...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	E.011	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS--Continued

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP 27...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 27...	<.03	<.01	<.5	.71	.541	<.006	<.010	<.020	<.03	<.015	<.5	<.020

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP 27...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP 27...	<1	<.022	--	<.5	<.5	<.10	<.011	--	--	<.03	<.01	<.005

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP 27...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	.011	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP 27...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP 27...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS--Continued

Date	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)	1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999)	1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)
SEP 27...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	2-Ethyltoluene water unfltrd ug/L (77220)	3-Chloropropene water unfltrd ug/L (78109)	4-Chlorotoluene water unfltrd ug/L (77277)
SEP 27...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylonitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)	Bromochloromethane water unfltrd ug/L (77297)	Bromodichloromethane water unfltrd ug/L (32101)	Bromoethene, water, unfltrd ug/L (50002)	Bromomethane water unfltrd ug/L (34413)	Carbon disulfide water unfltrd ug/L (77041)	Chlorobenzene water unfltrd ug/L (34301)	Chloroethane, water, unfltrd ug/L (34311)
SEP 27...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Date	Chloromethane water unfltrd ug/L (34418)	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	cis-1,3-Dichloropropene water unfltrd ug/L (34704)	Dibromochloromethane water unfltrd ug/L (32105)	Dibromomethane water unfltrd ug/L (30217)	Dichlorodifluoromethane wat unf ug/L (34668)	Dichloromethane water unfltrd ug/L (34423)	Diethyl ether, water, unfltrd ug/L (81576)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethylbenzene water unfltrd ug/L (34371)
SEP 27...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Iodomethane water unfltrd ug/L (77424)	Isobutyl methyl ketone, water, unfltrd ug/L (78133)	Isopropylbenzene water unfltrd ug/L (77223)	Methyl acrylonitrile water unfltrd ug/L (81593)	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP 27...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butylbenzene water unfltrd ug/L (77342)	n-propylbenzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butylbenzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butylbenzene water unfltrd ug/L (77353)	Tetrachloroethene, water, unfltrd ug/L (34475)	Tetrachloromethane water unfltrd ug/L (32102)	Tetrahydrofuran, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP 27...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02

Date	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloropropene water unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unf ug/L (73547)	Tribromomethane water unfltrd ug/L (32104)	Trichloroethene, water, unfltrd ug/L (39180)	Trichlorofluoromethane water unfltrd ug/L (34488)	Trichloromethane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)	Dichlorvos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP 27...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479155 CYPRESS CREEK NEAR JANICE, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP 19...	1100	69	--	--	7.7	5.0	23	25.5	.76	.509	.71	2.34

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP 19...	--	--	3.46	<.1	12.3	.7	44	.42	.36	E.02	E.05	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP 19...	<.02	.005	.011	10.1	--	--	190	<.20	.6	30	.10	E4

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP 19...	E.02	.43	.635	.8	496	.32	.9	47.5	<.4	1.03	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP 19...	8.66	<.04	.5	2.9	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Coprost-anol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP 19...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M

Date	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)
SEP 19...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

Date	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP 19...	<.006	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)
SEP 19...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	E.028	E.1	<.02

Date	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
SEP 19...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)
SEP 19...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012

Date	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)
SEP 19...	--	<.005	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP 19...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP 19...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP 19...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 19...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP 19...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP 19...	M	<.022	--	<.5	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP 19...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP 19...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP 19...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Remark codes:
< -- Less than
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

Date	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)	1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999)	1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)
SEP 19...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	2-Ethyltoluene water unfltrd ug/L (77220)	3-Chloropropene water unfltrd ug/L (78109)	4-Chlorotoluene water unfltrd ug/L (77277)
SEP 19...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylonitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)	Bromochloromethane water unfltrd ug/L (77297)	Bromodichloromethane water unfltrd ug/L (32101)	Bromoethene, water, unfltrd ug/L (50002)	Bromomethane water unfltrd ug/L (34413)	Carbon disulfide water unfltrd ug/L (77041)	Chlorobenzene water unfltrd ug/L (34301)	Chloroethane, water, unfltrd ug/L (34311)
SEP 19...	E.02	E2	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Date	Chloromethane water unfltrd ug/L (34418)	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	cis-1,3-Dichloropropene water unfltrd ug/L (34704)	Dibromochloromethane water unfltrd ug/L (32105)	Dibromomethane water unfltrd ug/L (30217)	Dichlorodifluoromethane wat unf ug/L (34668)	Dichloromethane water unfltrd ug/L (34423)	Diethyl ether, water, unfltrd ug/L (81576)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethylbenzene water unfltrd ug/L (34371)
SEP 19...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Iodomethane water unfltrd ug/L (77424)	Isobutyl methyl ketone, water, unfltrd ug/L (78133)	Isopropylbenzene water unfltrd ug/L (77223)	Methyl acrylonitrile water unfltrd ug/L (81593)	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP 19...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butylbenzene water unfltrd ug/L (77342)	n-propylbenzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butylbenzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butylbenzene water unfltrd ug/L (77353)	Tetrachloroethene, water, unfltrd ug/L (34475)	Tetrachloromethane water unfltrd ug/L (32102)	Tetrahydrofuran, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP 19...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	.27

Date	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloropropene water unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unf ug/L (73547)	Tribromomethane water unfltrd ug/L (32104)	Trichloroethene, water, unfltrd ug/L (39180)	Trichlorofluoromethane water unfltrd ug/L (34488)	Trichloromethane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)	Dichlorvos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP 19...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.06

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479160 BLACK CREEK NEAR WIGGINS, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
22...	1015	384	--	768	6.9	5.7	34	26.8	1.48	1.03	1.09	2.64
29...	1430	404	5.0	--	6.8	5.8	62	27.6	2.46	2.27	1.25	3.99

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
22...	--	--	3.85	<.1	11.0	1.7	44	.35	.32	<.04	E.05	<.008
29...	5	6	6.83	E.1	12.0	7.1	65	.38	.35	E.02	E.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
22...	<.02	.008	.017	7.0	<2.0	10	70	<.20	.8	29	E.06	14
29...	<.02	.005	.014	8.3	<2.0	20	47	<.20	.7	43	E.04	55

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
22...	<.04	.22	.337	.5	409	.26	1.0	50.0	<.4	.77	E.4	<.2
29...	<.04	.20	.382	.5	261	.12	1.3	61.3	<.4	.84	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
22...	11.9	<.04	.4	1.4	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
29...	17.7	<.04	.3	1.1	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
22...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1
29...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479160 BLACK CREEK NEAR WIGGINS, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
22...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028
29...	<5	<.006	<1	<1	E2	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
22...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022
29...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Benzotazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
22...	<.02	<.01	<.5	<.5	<2	<2	M	<.02	<.03	E.093	M	<.02
29...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	.080	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorambenmethyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
22...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006
29...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
22...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012
29...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dichlorophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
22...	--	<.005	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01
29...	--	<.005	<.04	<.03	<.08	<.009	E10	<1	<.006	<.04	<.01	<.01

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479160 BLACK CREEK NEAR WIGGINS, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
22...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
29...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
22...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
29...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
22...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
29...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
22...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.006
29...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
22...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007
29...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
22...	<1	<.022	--	<.5	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005
29...	<1	<.022	--	<.5	<.5	<.10	<.011	<.05	<.008	<.03	<.01	<.005

Remark codes:
< -- Less than
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479160 BLACK CREEK NEAR WIGGINS, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
22...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
29...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
22...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03
29...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
22...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04
29...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
22...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
29...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
22...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
29...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
22...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
29...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Remark codes:
< -- Less than

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479160 BLACK CREEK NEAR WIGGINS, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
22...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
29...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
22...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
29...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
22...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.08
29...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.09

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
22...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03
29...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479300 RED CREEK AT VESTRY, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
20...	1500	369	--	--	6.4	6.0	41	28.3	1.77	.891	1.21	3.78
29...	1030	400	7.0	--	6.6	5.6	44	26.6	1.79	.917	1.52	3.90

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
20...	--	--	5.90	<.1	12.1	1.5	55	.37	.36	<.04	E.05	<.008
29...	1	1	8.40	<.1	12.1	1.3	62	.36	.42	<.04	E.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
20...	<.02	.008	.023	8.4	<2.0	20	66	<.20	.7	38	.09	12
29...	<.02	.008	.024	10.3	21.0	60	93	<.20	.6	40	.06	18

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
20...	E.03	.30	.270	.9	386	.20	1.1	31.6	<.4	.90	E.3	<.2
29...	E.03	.33	.272	1.0	444	.28	.8	31.6	<.4	1.09	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
20...	24.2	<.04	.4	3.0	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
29...	23.7	<.04	.4	4.3	<.5	M	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
20...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1
29...	<.005	<.006	<.08	<.004	<.032	M	<.004	<.004	<2	<.008	<.02	M

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479300 RED CREEK AT VESTRY, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
20...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028
29...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
20...	<.006	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022
29...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
20...	<.02	<.01	<.5	M	<2	<2	--	<.02	<.03	E.106	M	<.02
29...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	.123	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
20...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006
29...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
20...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012
29...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
20...	--	<.005	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01
29...	--	<.005	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479300 RED CREEK AT VESTRY, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
20...	<.02	<.01	M	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
29...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
20...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	E.009	<.04
29...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
20...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
29...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
20...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	E.005
29...	<.03	<.01	M	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
20...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007
29...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
20...	<1	<.022	--	M	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005
29...	<1	<.022	--	<.5	<.5	<.10	<.011	<.05	<.008	<.03	<.01	<.005

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479300 RED CREEK AT VESTRY, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
20...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
29...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
20...	<.008	<.016	<.07	<.02	<.01	M	<.010	<.01	<.5	<.004	M	<.03
29...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
20...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04
29...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
20...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
29...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
20...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
29...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
20...	<.08	E1	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
29...	<.08	E2	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479300 RED CREEK AT VESTRY, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
20...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
29...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
20...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
29...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
20...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.08
29...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	.11

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
20...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03
29...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.04

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP 27...	1700	--	26	758	6.7	6.7	91	28.5	4.52	1.23	1.85	9.77

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP 27...	17	20	8.36	<.1	11.3	7.0	77	.28	.51	<.04	.16	E.004

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP 27...	<.02	.014	.061	8.7	3.0	20	32	<.20	.7	32	E.03	23

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP 27...	<.04	.19	.130	.6	496	.10	1.0	43.9	E.2	.91	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP 27...	38.7	<.04	.4	1.4	<.5	M	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Coprost-anol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP 27...	<.005	<.006	<.08	<.004	<.032	M	<.004	<.004	<2	<.008	<.02	<1

Date	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)
SEP 27...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Remark codes:
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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

Date	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP 27...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)
SEP 27...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	.030	<.5	<.02

Date	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
SEP 27...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)
SEP 27...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)
SEP 27...	--	<.005	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP 27...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP 27...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	E.009	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP 27...	<.04	<.020	<.5	<.538	<.5	<.003	<.5	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 27...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.020

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP 27...	<.006	<.03	<.003	<.008	<.04	E.1	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP 27...	M	<.022	--	<.5	<.5	<.10	<.011	--	--	<.03	<.01	<.005

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP 27...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP 27...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP 27...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479330 PASCAGOULA RIVER AT CUMBEST BLUFF, MS--Continued

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP 27...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP 27...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP 27...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP 27...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP 27...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP 27...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.03

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP 27...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.04

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP 20...	1045	343	--	--	6.6	5.5	30	26.6	1.29	.848	.79	2.32

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP 20...	--	--	4.33	<.1	9.30	1.4	38	.47	.40	E.03	.10	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP 20...	<.02	E.003	.014	9.5	<2.0	20	102	<.20	.8	33	E.05	11

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP 20...	<.04	.30	.756	.8	477	.24	.7	41.1	<.4	1.19	E.2	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP 20...	17.1	<.04	.4	3.5	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Coprost-anol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP 20...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M

Date	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)
SEP 20...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS--Continued

Date	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP 20...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)
SEP 20...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	E.027	M	<.02

Date	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
SEP 20...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Clopyr-alid, water, fltrd 0.7u GF ug/L (49305)	Cot-inine, water, fltrd, ug/L (62005)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)
SEP 20...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disulf-oton sulfone water, fltrd, ug/L (61640)
SEP 20...	--	<.005	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP 20...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP 20...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	E.009	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS--Continued

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP 20...	<.04	<.020	<.5	<.538	<.5	<.003	<.5	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 20...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	E.005

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP 20...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP 20...	<1	<.022	--	M	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP 20...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP 20...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP 20...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS--Continued

Date	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)	1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999)	1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)
SEP 20...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	2-Ethyltoluene water unfltrd ug/L (77220)	3-Chloropropene water unfltrd ug/L (78109)	4-Chlorotoluene water unfltrd ug/L (77277)
SEP 20...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylonitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)	Bromochloromethane water unfltrd ug/L (77297)	Bromodichloromethane water unfltrd ug/L (32101)	Bromoethene, water, unfltrd ug/L (50002)	Bromomethane water unfltrd ug/L (34413)	Carbon disulfide water unfltrd ug/L (77041)	Chlorobenzene water unfltrd ug/L (34301)	Chloroethane, water, unfltrd ug/L (34311)
SEP 20...	<.08	E3	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Date	Chloromethane water unfltrd ug/L (34418)	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	cis-1,3-Dichloropropene water unfltrd ug/L (34704)	Dibromochloromethane water unfltrd ug/L (32105)	Dibromomethane water unfltrd ug/L (30217)	Dichlorodifluoromethane wat unf ug/L (34668)	Dichloromethane water unfltrd ug/L (34423)	Diethyl ether, water, unfltrd ug/L (81576)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethylbenzene water unfltrd ug/L (34371)
SEP 20...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Iodomethane water unfltrd ug/L (77424)	Isobutyl methyl ketone, water, unfltrd ug/L (78133)	Isopropylbenzene water unfltrd ug/L (77223)	Methyl acrylonitrile water unfltrd ug/L (81593)	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP 20...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butylbenzene water unfltrd ug/L (77342)	n-propylbenzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butylbenzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butylbenzene water unfltrd ug/L (77353)	Tetrachloroethene, water, unfltrd ug/L (34475)	Tetrachloromethane water unfltrd ug/L (32102)	Tetrahydrofuran, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP 20...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.05

Date	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloropropene water unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unf ug/L (73547)	Tribromomethane water unfltrd ug/L (32104)	Trichloroethene, water, unfltrd ug/L (39180)	Trichlorofluoromethane water unfltrd ug/L (34488)	Trichloromethane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)	Dichlorvos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP 20...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480254 BLUFF CREEK AT VANCLEAVE, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
20...	1745	--	--	--	6.2	5.3	33	27.5	1.05	.612	1.06	3.49
27...	2030	--	6.0	--	6.8	5.1	36	27.5	.98	.637	1.15	3.54

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
20...	--	--	5.58	<.1	13.5	1.2	42	.30	.36	E.03	<.06	<.008
27...	1	1	6.46	<.1	12.9	1.1	48	.31	.33	E.03	<.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
20...	<.02	E.003	.013	9.5	<2.0	30	116	<.20	.8	34	.08	12
27...	<.02	<.004	.010	10.9	<2.0	20	151	<.20	.8	36	.10	16

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
20...	.07	.37	1.26	.5	361	.17	.8	45.4	<.4	1.03	E.2	<.2
27...	.11	.39	1.26	13.1	305	.59	.7	42.6	<.4	1.52	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
20...	10.6	E.02	.3	5.7	<.5	M	<.09	<.016	<.04	<.02	<.006	<.5
27...	10.1	E.03	.3	21.5	<.5	<.5	--	--	--	--	--	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
20...	<.005	<.006	<.08	<.004	<.032	M	<.004	<.004	<2	<.008	<.02	M
27...	--	--	--	--	--	<.5	--	--	<2	--	--	M

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
20...	<5	<.006	<1	<1	E2	<1	<2	<.5	<.006	<.5	<.5	<.028
27...	<5	--	<1	<1	<5	<1	<2	<.5	--	<.5	<.5	--

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
20...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022
27...	--	--	--	--	--	<.5	--	--	--	--	--	--

Date	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
20...	<.02	<.01	<.5	M	<2	<2	M	<.02	<.03	E.147	M	<.02
27...	--	--	<.5	<.5	<2	<2	--	<.5	--	E.1	<.5	--

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorambenmethyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
20...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006
27...	<1	<.5	--	--	--	--	--	--	--	<.5	<2	--

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
20...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.2	<.012
27...	--	--	<1.00	--	--	--	--	--	--	--	<.5	--

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
20...	--	<.005	<.04	<.03	<.08	<.009	E2	<1	<.006	<.04	<.01	<.01
27...	--	<.5	--	--	--	--	E3	<1	--	--	--	--

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

Date	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo-nene, water, fltrd, ug/L (62073)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)
SEP												
20...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
27...	--	--	M	--	--	--	--	--	<1	--	--	--

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)
SEP												
20...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
27...	--	--	--	--	--	--	--	<.5	--	<.5	--	--

Date	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)
SEP												
20...	<.04	<.020	M	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
27...	--	--	<.5	--	<.5	--	<.5	<.5	<.5	--	--	--

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP												
20...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006
27...	--	--	<.5	<.5	--	--	--	--	--	--	<.5	<.5

Date	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl) -N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur-azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxy-fluor-fen, water, fltrd, ug/L (61600)
SEP												
20...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007
27...	--	--	--	--	--	<.5	--	--	--	--	--	--

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)
SEP												
20...	M	<.022	--	<.5	E.9	<.10	<.011	--	<.008	<.03	<.01	<.005
27...	<1	--	--	<.5	<.5	--	--	--	--	--	<.5	--

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
20...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
27...	--	--	--	--	--	--	<.5	--	--	--	--	--

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
20...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03
27...	--	--	--	--	--	<.5	--	--	<.5	--	<.5	--

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
20...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04
27...	<1	<.5	--	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
20...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
27...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
20...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
27...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
20...	<.08	E4	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
27...	E.02	E3	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480254 BLUFF CREEK AT VANCLEAVE, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
20...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
27...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
20...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
27...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
20...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	.48
27...	<.1	<.04	<.04	<.06	E.02	<.03	<.1	<.06	<.03	<.06	<1	1.27

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
20...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	E.03
27...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	--	E.03

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480599 TCHOUTACABOUFFA RIVER AT D`IBERVILLE, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
21...	1030	--	--	773	3.3	5.1	72	29.1	1.71	1.03	1.18	7.11
28...	0930	--	5.0	--	3.6	5.3	79	28.0	1.78	1.10	1.82	9.50

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
21...	--	--	11.5	<.1	12.7	2.4	73	.42	.52	<.04	<.06	<.008
28...	3	4	14.4	<.1	11.7	3.3	87	.60	.51	<.04	<.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
21...	<.02	.006	.037	13.1	<2.0	30	156	<.20	1.1	37	.11	20
28...	<.02	.017	.044	15.4	11.0	50	167	<.20	.9	36	.11	33

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
21...	.05	.47	1.36	1.0	345	.25	1.6	73.4	<.4	1.35	<.4	<.2
28...	E.02	.40	1.30	1.1	354	.34	1.1	77.5	<.4	1.25	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
21...	20.0	<.04	.3	4.8	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
28...	20.2	E.03	.3	5.4	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
21...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M
28...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	M	<.008	<.02	<1

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480599 TCHOUTACABOUFFA RIVER AT D`IBERVILLE, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
21...	<5	<.006	M	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028
28...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
21...	<.005	<.02	<.022	<.04	<.005	<.5	E.007	<.07	<.050	<.02	<.010	<.022
28...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Benzazole, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
21...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	E.111	M	<.02
28...	<.02	<.01	<.5	<.5	M	M	--	<.02	<.03	.075	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
21...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006
28...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	E1	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
21...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012
28...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
21...	--	<.005	<.07	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01
28...	--	<.005	<.04	<.03	<.08	<.009	E2	<1	<.006	<.04	<.01	<.01

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480599 TCHOUTACABOUFFA RIVER AT D`IBERVILLE, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
21...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
28...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
21...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
28...	<.02	<.029	E.005	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
21...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
28...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
21...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.006
28...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
21...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007
28...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
21...	<1	<.022	--	<.5	E.1	<.10	<.011	--	<.008	<.03	<.01	<.005
28...	<1	<.022	--	<.5	<.5	<.10	<.011	--	--	<.03	<.01	<.005

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480599 TCHOUTACABOUFFA RIVER AT D`IBERVILLE, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
21...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
28...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
21...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03
28...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
21...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04
28...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
21...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
28...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
21...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
28...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
21...	E.03	E2	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
28...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02480599 TCHOUTACABOUFFA RIVER AT D`IBERVILLE, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
21...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
28...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
21...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
28...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

1

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
21...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	.31
28...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
21...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	E.03	.04
28...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.05

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481000 BILOXI RIVER AT WORTHAM, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
19...	1630	60	--	--	6.7	5.3	35	26.8	1.54	.928	1.16	3.23
28...	1315	63	6.0	--	6.7	5.2	36	26.3	1.46	.834	1.23	3.09

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
19...	--	--	5.10	<.1	15.7	1.9	54	.39	.49	<.04	<.06	<.008
28...	2	3	5.23	<.1	14.4	1.6	62	.51	.53	E.02	<.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
19...	<.02	E.003	.024	12.7	<2.0	30	136	<.20	1.0	54	.14	9
28...	<.02	.005	.022	11.5	<2.0	30	120	<.20	1.0	46	.11	19

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
19...	<.04	.52	.778	.7	499	.24	1.2	50.2	<.4	1.68	.5	<.2
28...	<.04	.41	.652	2.1	400	.57	1.1	42.0	<.4	1.60	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
19...	25.7	<.04	.4	2.7	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
28...	19.8	<.04	.5	7.9	<.5	M	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
19...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M
28...	<.005	<.006	<.08	<.004	<.032	M	<.004	<.004	<2	<.008	<.02	<1

Remark codes:
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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481000 BILOXI RIVER AT WORTHAM, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
19...	<5	<.006	<1	<1	E1	<1	<2	<.5	<.006	<.5	<.5	<.028
28...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
19...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022
28...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Benazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
19...	<.02	<.01	<.5	M	<2	<2	M	<.02	<.03	E.097	M	<.02
28...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	.123	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
19...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006
28...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
19...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012
28...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
19...	--	<.005	<.04	<.03	<.08	<.009	E2	<1	<.006	<.04	<.01	<.01
28...	--	<.005	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481000 BILOXI RIVER AT WORTHAM, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
19...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	M	<.049	<.04	<.03
28...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
19...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
28...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
19...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
28...	<.04	<.020	<.5	<.538	<.5	<.003	<.5	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
19...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006
28...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
19...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007
28...	<.006	<.03	<.003	<.008	<.04	M	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
19...	<1	<.022	--	<.5	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005
28...	<1	<.022	--	<.5	<.5	<.10	<.011	<.05	<.008	<.03	<.01	<.005

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481000 BILOXI RIVER AT WORTHAM, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
19...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
28...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
19...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03
28...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
19...	<1	<.5	<.009	<.5	<.5	M	<.5	<.03	<.03	<.08	<.04	<.04
28...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
19...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
28...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
19...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
28...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
19...	<.08	E3	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
28...	<.08	E2	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481000 BILOXI RIVER AT WORTHAM, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
19...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
28...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
19...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
28...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
19...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.03
28...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.05

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
19...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.06
28...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.05

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
21...	1430	198	--	773	7.4	5.4	37	29.3	1.79	1.02	1.29	2.73
28...	1615	231	7.0	770	7.0	5.4	38	28.2	1.61	.932	1.63	2.82

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
21...	--	--	5.00	<.1	12.8	2.3	55	.42	.41	<.04	<.06	<.008
28...	3	3	5.41	<.1	12.4	2.0	58	.42	.47	<.04	<.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
21...	<.02	.006	.020	9.5	<2.0	20	79	<.20	1.1	43	.16	12
28...	<.02	.005	.021	12.6	2.0	30	97	<.20	.9	43	.10	16

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
21...	E.02	.33	.864	.9	327	.18	1.5	68.6	<.4	1.50	E.4	<.2
28...	<.04	.34	.878	1.9	519	.20	1.0	66.3	<.4	1.58	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
21...	29.2	<.04	.4	2.2	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
28...	26.9	<.04	.3	3.5	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
21...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M
28...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	M

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
21...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028
28...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
21...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022
28...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Benazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
21...	<.02	<.01	<.5	M	<2	<2	M	<.02	<.03	E.164	M	<.02
28...	<.02	<.01	<.5	<.5	<2	<2	--	<.02	<.03	.154	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
21...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006
28...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
21...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012
28...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
21...	--	<.005	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01
28...	--	<.005	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
21...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
28...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
21...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
28...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
21...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
28...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
21...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006
28...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	M	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
21...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007
28...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
21...	<1	<.022	--	<.5	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005
28...	<1	<.022	--	<.5	<.5	<.10	<.011	<.05	<.008	<.03	<.01	<.005

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HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
21...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
28...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
21...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03
28...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
21...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04
28...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
21...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
28...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
21...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
28...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
21...	<.08	E3	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
28...	<.08	E3	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
21...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
28...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
21...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
28...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
21...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	.13
28...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.06

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
21...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.05
28...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.05

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS

Date	Time	Instan-taneous dis-charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
SEP												
21...	1715	3540	--	--	5.9	5.8	102	29.7	1.81	1.81	1.41	12.2
28...	1830	3400	6.0	--	2.3	5.3	188	28.6	2.48	2.98	2.81	23.2

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
SEP												
21...	--	--	20.3	<.1	10.9	3.0	80	.33	.42	<.04	<.06	<.008
28...	4	5	41.3	<.1	11.3	5.2	136	.46	.57	E.02	<.06	<.008

Date	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)
SEP												
21...	<.02	.006	.040	10.5	<2.0	20	58	<.20	.9	34	.07	21
28...	<.02	.005	.036	15.3	2.0	30	107	<.20	1.0	35	.06	35

Date	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)
SEP												
21...	.04	.35	.442	5.0	210	.18	1.4	76.4	<.4	.88	E.2	<.2
28...	E.03	.42	1.06	1.2	293	.23	1.2	154	<.4	1.01	<.4	<.2

Date	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)
SEP												
21...	23.9	<.04	.2	4.6	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5
28...	29.5	E.02	.3	5.2	<.5	<.5	<.09	<.016	<.04	<.02	<.006	<.5

Date	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)
SEP												
21...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	<2	<.008	<.02	<1
28...	<.005	<.006	<.08	<.004	<.032	<.5	<.004	<.004	M	<.008	<.02	M

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS--Continued

Date	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetochlor, water, fltrd, ug/L (49260)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)
SEP												
21...	<5	<.006	<1	<1	M	<1	<2	<.5	<.006	<.5	<.5	<.028
28...	<5	<.006	<1	<1	<5	<1	<2	<.5	<.006	<.5	<.5	<.028

Date	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-Endosulfan, water, fltrd, ug/L (34362)	Anthracene, water, fltrd, ug/L (34221)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)
SEP												
21...	<.005	<.02	<.022	<.04	<.005	<.5	E.006	<.07	<.050	<.02	<.010	<.022
28...	<.005	<.02	<.022	<.04	<.005	<.5	<.007	<.07	<.050	<.02	<.010	<.022

Date	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)
SEP												
21...	<.02	<.01	<.5	M	<2	<2	--	<.02	<.03	E.117	M	<.02
28...	<.02	<.01	<.5	<.5	M	M	--	<.02	<.03	.125	M	<.02

Date	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorambenmethyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
SEP												
21...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006
28...	<.041	<.5	<.016	<.020	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal monoacid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)
SEP												
21...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	E.1	<.012
28...	<.008	<.02	<1.00	<.018	<.01	<.027	<.009	<.009	<.03	<.003	M	<.012

Date	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton sulfone water, fltrd, ug/L (61640)
SEP												
21...	--	.065	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01
28...	--	<.005	<.04	<.03	<.08	<.009	M	<1	<.006	<.04	<.01	<.01

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS--Continued

Date	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
SEP												
21...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03
28...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03

Date	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)
SEP												
21...	<.02	<.029	E.007	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04
28...	<.02	<.029	<.013	<.024	<.016	<.04	<.02	<.5	<.003	<.5	<.013	<.04

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)
SEP												
21...	<.04	<.020	<.5	<.538	<.5	<.003	M	<.5	<.5	<.01	<.030	<.027
28...	<.04	<.020	<.5	<.538	<.5	<.003	<.5	<.5	<.5	<.01	<.030	<.027

Date	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP												
21...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.006
28...	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020	<.03	<.015	<.5	<.006

Date	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Oxyfluorfen, water, fltrd, ug/L (61600)
SEP												
21...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007
28...	<.006	<.03	<.003	<.008	<.04	<.5	<.01	<.04	<.02	<.01	<.03	<.007

Date	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
SEP												
21...	<1	<.022	--	<.5	<.5	<.10	<.011	--	<.008	<.03	<.01	<.005
28...	<1	<.022	--	<.5	<.5	<.10	<.011	<.05	<.008	<.03	<.01	<.005

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS--Continued

Date	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Pro-panil, water, fltrd 0.7u GF ug/L (82679)	Propar-gite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propi-cona-zole, water, fltrd, ug/L (50471)	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-con-azole, water, fltrd, ug/L (62852)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)
SEP												
21...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02
28...	<.004	<.011	<.02	<.030	<.01	<.008	<.5	<.02	<.005	<.038	--	<.02

Date	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)
SEP												
21...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	M	<.03
28...	<.008	<.016	<.07	<.02	<.01	<.5	<.010	<.01	<.5	<.004	<.5	<.03

Date	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)
SEP												
21...	<1	<.5	<.009	<.5	<.5	M	<.5	<.03	<.03	<.08	<.04	<.04
28...	<1	<.5	<.009	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04

Date	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)
SEP												
21...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04
28...	<.04	<.02	<.03	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04

Date	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)
SEP												
21...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05
28...	<.05	<.1	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05

Date	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)
SEP												
21...	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1
28...	E.02	<6	<.8	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

HURRICANE KATRINA STUDY--Continued

WATER QUALITY DATA, SEPTEMBER 2005--Continued

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS--Continued

Date	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
SEP												
21...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03
28...	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03

Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)
SEP												
21...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4
28...	<.1	<.1	<.50	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4

Date	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)
SEP												
21...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02
28...	<.1	<.04	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	E.05

Date	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
SEP										
21...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	E.17	E.03
28...	<.03	<.09	<.7	<.10	<.04	<.08	<.02	<.1	<.01	.04

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005

0247109150 BAYOU CASSOTTE AT ORCHARD AVENUE AT PASCAGOULA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0945	81	--	--	--	--
26...	1440	120	--	--	--	--
OCT						
03...	1400	41	E21	--	160	--
11...	1615	10	--	--	--	--
17...	1615	<10	--	--	--	--

0247109160 WEST PRONG BAYOU CASSOTTE AT PASCAGOULA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0950	85	--	--	--	--
26...	1450	3100	--	--	--	--
OCT						
03...	1445	41	--	--	--	--
11...	1625	10	--	--	--	--
17...	1620	<10	--	--	--	--

0247109250 BAYOU CHICO AT PASCAGOULA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1005	290	--	--	--	--
26...	1500	1800	--	--	--	--
OCT						
03...	1455	160	--	--	--	--
11...	1640	24000	--	--	--	--
17...	1625	<10	--	--	--	--

02480205 BLACK CREEK NEAR HELENA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0915	49	--	--	--	--
26...	1415	91	280	--	440	--
OCT						
03...	1425	6	--	--	--	--
11...	1525	15	--	--	--	--
17...	1555	1	--	--	--	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02480284 MARY WALKER BAYOU AT GAUTIER, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1105	72	--	--	--	--
26...	1600	460	--	--	--	--
OCT						
03...	1545	74	280	--	160	--
11...	1810	10	--	--	--	--
17...	1720	10	--	--	--	--

02480285 WEST PASCAGOULA RIVER AT US HIGHWAY 90 AT GAUTIER, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1715	10	--	--	--	--
26...	1545	110	--	--	--	--
OCT						
03...	1530	20	--	--	--	--
17...	1705	<10	--	--	--	--

02480286 BAYOU ST PIERRE AT GAUTIER, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
OCT 2005						
11...	1740	10	--	--	--	--

02480288 SIMMONS BAYOU AT OCEAN SPRINGS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1125	41	--	--	--	--
27...	0815	74	--	--	--	--
OCT						
04...	0830	98	--	--	--	--
12...	0900	20	--	--	--	--
17...	1755	41	--	--	--	--

Remark codes:
< -- Less than

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02480289 DAVIS BAYOU AT OCEAN SPRINGS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1155	120	--	--	--	--
27...	0835	640	--	--	--	--
OCT						
04...	0850	86	--	--	--	--
12...	1005	150	--	--	--	--
17...	1810	140	--	--	--	--

02480590 TCHOUTACABOUFFA RIVER NEAR D'IBERVILLE, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1505	1	--	--	--	--

02480595 CYPRESS CREEK NEAR D'IBERVILLE, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1510	4	--	--	--	--

02480606 HOWARD CREEK AT CEDAR LAKE, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1455	100	--	--	--	--
27...	0940	260	--	--	--	--
OCT						
04...	1450	380	510	--	140	--
12...	1355	250	--	--	--	--
18...	0940	440	--	--	--	--

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02481130 BILOXI RIVER NEAR LYMAN, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1415	28	--	--	--	--
27...	1005	63	--	--	--	--
OCT						
12...	1425	12	--	--	--	--
18...	1000	17	--	--	--	--

02481194 BAYOU BERNARD AT CANAL ROAD NEAR LANDON, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1520	56	--	--	--	--
26...	1350	140	--	--	--	--
OCT						
03...	1345	71	--	--	--	--
11...	1505	87	--	--	--	--
17...	1400	24	--	--	--	--

02481240 TURKEY CREEK AT CANAL ROAD NEAR GULFPORT, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1542	70	--	--	--	--
26...	1410	12	E44	--	E18	--
OCT						
03...	1400	58	--	--	--	--
12...	1655	720	E46	--	--	--
17...	1345	6	--	--	--	--

02481252 TURKEY CREEK AT CREOSOTE ROAD NEAR GULFPORT, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1340	190	--	--	--	--
27...	1300	180	340	--	70	--
OCT						
04...	1245	63	--	--	--	--
12...	0905	41	--	--	--	--
18...	1430	10	E40	--	E58	--

Remark codes:
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02481292 PERIGAL CREEK NEAR D IBERVILLE, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1315	27	--	--	--	--
27...	0905	320	--	--	--	--
OCT						
04...	0930	330	--	--	--	--
12...	0630	31	--	--	--	--
17...	1855	4	--	--	--	--

0248129250 SOUTH BRANCH PERIGAL CREEK NEAR OCEAN SPRINGS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1250	4	--	--	--	--

02481299 OLD FORT BAYOU AT OCEAN SPRINGS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1230	10	--	--	--	--

02481310 BAYOU PORTAGE AT CUEVAS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1730	91	--	--	--	--
26...	1458	210	--	--	--	--
OCT						
03...	1430	240	410	--	120	--
12...	1155	170	--	--	--	--
18...	1240	41	--	--	--	--

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02481510 WOLF RIVER NEAR LANDON, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0800	120	--	--	--	--
27...	0805	93	--	--	--	--
OCT						
04...	1040	15	--	--	--	--
11...	1540	5	--	--	--	--
17...	1420	2	--	--	--	--

02481524 WOLF RIVER NEAR CUEVAS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1750	160	--	--	--	--
26...	1505	45	180	--	90	--
OCT						
04...	0945	62	--	--	--	--
12...	1200	10	E40	--	E51	--
18...	1245	63	--	--	--	--

02481526 DELISLE BAYOU NEAR DELISLE, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1815	42	--	--	--	--
26...	1542	51	--	--	--	--
OCT						
04...	1020	310	--	--	--	--
12...	1210	330	--	--	--	--
18...	1300	180	182	--	E20	--

02481565 WOLF BRANCH NEAR SANTA ROSA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0945	10	--	<10	--	2000
27...	0935	16	--	--	--	--
OCT						
04...	1245	5	--	--	--	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

02481649 ORPHAN CREEK AT STATE HIGHWAY 43 NEAR KILN, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0900	38	--	85	--	4600
27...	0852	75	--	--	--	--
OCT						
04...	1145	6	--	--	--	--
11...	1640	16	--	--	--	--
17...	1530	6	--	--	--	--

02481660 JOURDAN RIVER NEAR BAY ST LOUIS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0925	37	--	--	--	--
27...	0925	79	--	--	--	--
OCT						
04...	1200	26	--	--	--	--
11...	1710	190	--	--	--	--
17...	1550	<10	--	--	--	--

02481663 ROTTEN BAYOU NEAR FENTON, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0830	40	--	97	--	9800
27...	0745	35	--	--	--	--
OCT						
04...	1115	12	E43	--	90	--
11...	1610	38	E56	--	93	--
17...	1455	11	--	--	--	--

0248166310 MILL CREEK AT FENTON, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0815	46	--	--	--	--
27...	0735	91	168	--	E49	--
OCT						
04...	1100	32	--	--	--	--
11...	1600	20	--	--	--	--
17...	1445	31	--	--	--	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

0248166518 BAYOU LATERRA AT FENTON, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	0837	140	--	52	--	9800
27...	0825	170	--	--	--	--
OCT						
04...	1125	21	143	--	73	--
11...	1620	25	--	--	--	--
17...	1505	8	--	--	--	--

02481670 BAYOU LA CROIX NEAR CLERMONT HARBOR, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1125	40	--	--	--	--
27...	1245	710	--	--	--	--
OCT						
04...	1420	52	--	--	--	--
11...	1730	<10	--	--	--	--
17...	1615	<10	E10	--	E25	--

02481671 BAYOU LA CROIX AT STATE HIGHWAY 603 NEAR WAVELAND, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1100	200	--	--	--	--
27...	1058	20	--	--	--	--
OCT						
04...	1615	52	--	--	--	--
11...	1750	210	--	--	--	--
17...	1630	31	E24	--	E44	--

02492610 TURTLESKIN CREEK NEAR SANTA ROSA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1005	54	--	10	--	4400
27...	0957	26	E40	--	E22	--
OCT						
04...	1300	4	--	--	--	--
11...	1815	24	--	--	--	--
17...	1700	1	--	--	--	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

301541089241355 MISSISSIPPI SOUND AT BUCCANEER STATE PARK NEAR WAVELAND, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1150	<10	--	--	--	--
27...	1130	52	E60	--	E17	--
OCT						
04...	1545	270	198	--	E28	--
12...	1500	<10	--	--	--	--
18...	1510	<10	--	--	--	--

301650089215300 MISSISSIPPI SOUND AT WAVELAND, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1215	20	--	--	--	--
27...	1140	230	--	--	--	--
OCT						
04...	1530	40	E143	--	E49	--
12...	1445	41	70	--	100	--
18...	1435	10	--	--	--	--

301808089193955 MISSISSIPPI SOUND AT BAY ST. LOUIS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1230	150	--	--	--	--
27...	1150	20	--	--	--	--
OCT						
04...	1515	<10	--	--	--	--
12...	1525	31	--	--	--	--
18...	1450	10	--	--	--	--

301827089173955 MISSISSIPPI SOUND AT HENDERSON POINT, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1710	<10	--	--	--	--
26...	1640	10	--	--	--	--
OCT						
03...	1550	20	90	--	E10	--
12...	1110	<10	--	--	--	--
18...	1200	<10	E8	--	<3	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

301843089145255 MISSISSIPPI SOUND AT PASS CHRISTIAN HARBOUR, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1640	85	--	--	--	--
26...	1605	10	E9	--	E7	--
OCT						
03...	1520	120	--	--	--	--
12...	1050	<10	--	--	--	--
18...	1130	41	--	--	--	--

302044089083655 MISSISSIPPI SOUND AT LONG BEACH, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
19...	1620	10	--	--	--	--
26...	1430	320	--	--	--	--
OCT						
04...	0840	260	--	--	--	--
12...	1020	110	--	--	--	--
18...	1110	31	--	--	--	--

302147089051055 MISSISSIPPI SOUND AT GULFPORT HARBOR AT GULFPORT, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1525	130	--	<10	--	4600
27...	1410	40	--	--	--	--
OCT						
04...	1305	340	--	--	--	--
12...	1005	1900	--	--	--	--
18...	1210	<10	--	--	--	--

302237089025855 MISSISSIPPI SOUND AT MAYWOOD ROAD AT GULFPORT, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1535	640	--	--	--	--
OCT						
04...	1315	73	--	--	--	--
12...	1630	<10	--	--	--	--
18...	1200	760	2500	--	2400	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

302328088575655 MISSISSIPPI SOUND AT BROADWATER MARINA AT BILOXI, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1600	450	--	--	--	--
27...	1425	63	--	--	--	--
OCT						
04...	1335	20	--	--	--	--
12...	1615	<10	--	--	--	--
18...	1145	110	--	--	--	--

302318088512600 BILOXI BAY AT POINT CADET HARBOR AT BILOXI, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1620	10	--	--	--	--
27...	1445	10	--	--	--	--
OCT						
04...	1350	<10	--	--	--	--
12...	1300	<10	--	--	--	--
18...	1125	<10	--	--	--	--

302421088495255 BILOXI BAY AT JACKSON AVENUE AT OCEAN SPRINGS, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1210	20	--	--	--	--
27...	0845	160	E202	--	130	--
OCT						
04...	0910	52	--	--	--	--
12...	1025	<10	E12	--	<3	--
17...	1835	41	--	--	--	--

302036088320955 MISSISSIPPI SOUND AT COUNTRY CLUB DRIVE AT PASCAGOULA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1025	<10	--	--	--	--
26...	1515	1100	--	--	--	--
OCT						
03...	1510	20	--	--	--	--
11...	1705	<10	<3	--	<3	--
17...	1635	10	--	--	--	--

Remark codes:
< -- Less than
E -- Estimated

HURRICANE KATRINA STUDY--Continued

BIOLOGICAL DATA, SEPTEMBER TO OCTOBER 2005--Continued

302031088313855 MISSISSIPPI SOUND AT CHICO BAYOU AT PASCAGOULA, MS

Date	Time	Entero-cocci, Defined Substr. Tech., water, MPN (99601)	Entero-cocci, mEI MF, water, col/ 100 mL (90909)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	Total coli-form, Defined Tech., MPN/ 100 mL (50569)
SEP 2005						
20...	1035	<10	--	--	--	--
26...	1520	31	--	--	--	--
OCT						
03...	1515	<10	--	--	--	--
11...	1655	<10	--	--	--	--
17...	1645	41	--	--	--	--

Remark codes:
< -- Less than

REFORESTATION MONITORING STUDY

325807090400500 DOWLING BAYOU TRIBUTARY NO 1 NEAR LOUISE, MS

LOCATION.--Lat 32°58'07", long 90°40'05", in NW¼ SE¼ SW¼ sec.13, T.13 N., R.5 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030207, on tributary approximately 40 ft upstream of Dowling Bayou, and 5.3 mi southwest of Louise.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 2005.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 95 ft above NGVD of 1929. Automatic pumping water-quality and sediment samplers since November 2004.

REMARKS.--Unpublished records of gage height during selected storm events are available in files of District office. Interruptions in the record were due to malfunction of the instruments.

COMPOSITE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Begin time	End time	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
MAY 31-JUN 01	1744	1052	1.3	.31	4.59	.141	.03	.14	76
JUL 21-22	2048	0616	--	--	--	--	--	--	52
AUG 29-30	1343	1231	.63	.07	.18	.009	.21	.30	44

DISCRETE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
MAY									
31...	1802	4.35	1.6	.28	7.04	.185	.02	.19	127
31...	1832	4.41	1.4	.33	6.64	.174	.05	.17	99
31...	1902	4.46	1.5	.26	5.57	.152	E.01	.16	95
31...	1932	4.51	1.4	.28	5.34	.155	.03	.16	90
31...	2002	4.54	1.4	.30	5.06	.148	.02	.17	89
31...	2032	4.56	1.4	.30	5.26	.154	.02	.16	83
31...	2102	4.57	1.3	.28	4.91	.150	E.02	.16	73
31...	2132	4.57	1.3	.31	5.17	.156	.03	.15	80
31...	2202	4.56	1.3	.26	4.87	.146	<.02	.13	73
31...	2232	4.55	1.9	.28	4.87	.145	<.02	.13	92
31...	2302	4.55	--	--	--	--	--	--	71
31...	2332	4.53	1.4	.32	4.99	.152	.03	.15	75
JUN									
01...	0002	4.52	--	--	--	--	--	--	75
01...	0032	4.52	1.4	.34	4.66	.144	E.02	.14	80
01...	0102	4.50	--	--	--	--	--	--	74
01...	0132	4.49	1.4	.37	4.32	.137	<.02	.14	81
01...	0202	4.48	--	--	--	--	--	--	70
01...	0232	4.47	1.5	.33	4.32	.137	.02	.14	69
01...	0302	4.46	--	--	--	--	--	--	65
01...	0332	4.45	1.4	.33	4.01	.128	<.02	.14	77
01...	0402	4.44	--	--	--	--	--	--	78
01...	0432	4.43	1.4	.36	3.75	.125	.02	.14	74
01...	0502	4.42	--	--	--	--	--	--	70
01...	0532	4.41	1.4	.34	3.71	.125	.02	.14	73

Remark codes:
< -- Less than
E -- Estimated

REFORESTATION MONITORING STUDY--Continued

325807090400500 DOWLING BAYOU TRIBUTARY NO 1 NEAR LOUISE, MS--Continued

DISCRETE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

Date	Time	Gage height, feet (00065)	Suspended sediment concentration mg/L (80154)	Date	Time	Gage height, feet (00065)	Suspended sediment concentration mg/L (80154)
JUL				AUG			
21...	2107	4.65	76	29...	1500	4.72	43
21...	2137	4.68	43	29...	1530	4.73	43
21...	2207	4.69	53	29...	1600	4.76	45
21...	2237	4.70	42	29...	1630	4.77	92
21...	2307	4.70	43	29...	1700	4.80	54
21...	2337	4.70	41	29...	1730	4.82	39
22...	0007	4.69	44	29...	1800	4.85	39
22...	0037	4.69	42	29...	1830	4.85	33
22...	0107	4.68	32	29...	1900	4.87	40
22...	0137	4.67	39	29...	1930	4.89	38
22...	0207	4.67	40	29...	2000	4.92	37
22...	0237	4.66	38	29...	2030	4.94	44
22...	0307	4.64	44	29...	2100	4.95	41
22...	0337	4.64	36	29...	2130	4.97	39
22...	0407	4.63	40	29...	2200	4.96	36
22...	0437	4.62	49	29...	2230	4.99	36
22...	0507	4.61	44	29...	2300	5.01	35
22...	0537	4.59	43	29...	2330	5.03	37
22...	0607	4.59	44	30...	0000	5.03	37
AUG				30...	0030	5.03	37
29...	1400	4.65	74	30...	0100	5.02	36
29...	1430	4.69	47	30...	0130	5.01	34

GRAB SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
APR									
06...	1350	5.18	1.2	<.04	.67	.018	.09	.36	354
JUL									
27...	1320	4.27	.57	.07	<.06	<.008	.10	.18	30

Remark codes:
< -- Less than

REFORESTATION MONITORING STUDY--Continued

325801090405900 DOWLING BAYOU TRIBUTARY NO 2 WEST FORK NEAR LOUISE, MS

LOCATION.--Lat 32°58'01", long 90°40'59", in SE¼ SW¼ SE¼ sec.14, T.13 N., R.5 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030207, on tributary approximately 0.3 mi upstream of Dowling Bayou, and 5.3 mi southwest of Louise.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 2005.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 95 ft above NGVD of 1929. Automatic pumping water-quality and sediment samplers since November 2004.

REMARKS.--Unpublished records of gage height during selected storm events are available in files of District office. Interruptions in the record were due to malfunction of the instruments.

COMPOSITE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Begin time	End time	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
APR									
11-12	1545	1140	E1.0	<.04	<.06	E.005	<.02	E.08	--
MAY									
28-28	0900	2330	2.6	.65	.46	.040	<.02	.08	--

DISCRETE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)	Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)
APR				APR			
06...	0508	10.58	262	11...	1758	11.02	143
06...	0538	10.78	263	11...	1828	11.06	74
06...	0608	11.01	135	11...	1858	11.08	98
06...	0708	11.18	145	11...	1928	11.09	92
06...	0738	11.22	118	11...	1958	11.09	85
06...	0808	11.22	128	11...	2028	11.08	79
06...	0838	11.21	124	11...	2058	11.08	61
06...	0908	11.21	98	11...	2128	11.07	55
06...	0938	11.22	75	11...	2158	11.06	51
06...	1008	11.23	64	11...	2228	11.06	39
06...	1038	11.21	65	11...	2258	11.05	43
06...	1108	11.21	78	11...	2328	11.04	41
06...	1138	11.20	59	11...	2358	11.02	40
06...	1208	11.18	53	12...	0028	11.02	37
06...	1238	11.17	45	12...	0058	11.00	36
06...	1308	11.18	43	12...	0128	10.99	33
06...	1338	11.14	44	12...	0158	10.98	25
06...	1408	11.15	41	12...	0228	10.96	31
06...	1438	11.15	41	12...	0258	10.95	29
06...	1508	11.14	46	12...	0328	10.93	28
06...	1538	11.13	--	MAY			
06...	1608	11.13	47	28...	0835	10.95	283
06...	1638	11.15	44	28...	0905	10.88	124
11...	1558	10.57	137	28...	0935	10.84	65
11...	1628	10.73	199	28...	1005	10.74	74
11...	1658	10.91	154	28...	1035	10.75	61
11...	1728	10.99	156	28...	1105	10.72	58
				28...	1135	10.70	56

GRAB SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
NOV									
02...	1215	.77	1.5	E.03	<.06	<.008	.12	.21	--
APR									
06...	1220	11.17	1.0	<.04	.13	E.005	<.02	.08	--

Remark codes:
< -- Less than
E -- Estimated

REFORESTATION MONITORING STUDY--Continued

325749090404800 DOWLING BAYOU TRIBUTARY NO 3 NEAR LOUISE, MS

LOCATION.--Lat 32°57'49", long 90°40'48", in SE¼ NW¼ NE¼ sec.23, T.13 N., R.5 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030207, on tributary approximately 60 ft upstream of Dowling Bayou, and 5.3 mi southwest of Louise.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 2005.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 95 ft above NGVD of 1929. Automatic pumping water-quality and sediment samplers since November 2004.

REMARKS.--Unpublished records of gage height during selected storm events are available in files of District office. Interruptions in the record were due to malfunction of the instruments.

COMPOSITE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Begin time	End time	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
APR									
11-12	1535	1355	E.98	E.02	<.06	<.008	.12	E.26	67

DISCRETE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)	Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)
APR				APR			
06...	0509	14.47	212	11...	1644	--	179
06...	0539	14.77	179	11...	1714	--	156
06...	0609	14.66	126	11...	1744	--	132
06...	0639	14.58	103	11...	1814	--	113
06...	0709	14.51	91	11...	1844	14.30	114
06...	0739	14.43	83	11...	1914	14.28	82
06...	0809	14.33	76	11...	1944	14.45	90
06...	1014	14.21	84	11...	2014	--	85
06...	1044	14.43	68	11...	2044	--	67
06...	1114	--	79	11...	2114	--	67
06...	1144	--	67	11...	2144	--	69
06...	1214	14.96	82	11...	2214	--	76
06...	1244	15.07	81	11...	2244	--	73
06...	1314	15.15	81	11...	2314	--	66
06...	1344	15.21	86	11...	2344	--	75
06...	1414	--	83	12...	0014	--	69
06...	1444	--	84	12...	0044	--	69
06...	1514	--	88	12...	0114	15.43	86
06...	1544	--	84	12...	0144	15.45	70
11...	1544	--	231	12...	0214	15.46	65
11...	1614	--	236	12...	0244	15.47	62
				12...	0314	15.47	67

GRAB SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
NOV 2004									
02...	1330	15.69	1.2	<.04	.89	.008	1.31	1.38	--

Remark codes:
< -- Less than
E -- Estimated

REFORESTATION MONITORING STUDY--Continued

325230090424000 NRCS DITCH E TRIBUTARY NO 1 NEAR BAYLAND, MS

LOCATION.--Lat 32°52'30", long 90°42'40", in SW¼ NE¼ NE¼ sec.21, T.12 N., R.5 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, on tributary approximately 4.0 mi upstream of Sunflower River, and 3.0 mi southwest of Bayland.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water year 2005.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 100 ft above NGVD of 1929. Automatic pumping water-quality and sediment samplers since November 2004.

REMARKS.--Unpublished records of gage height during selected storm events are available in files of District office. Interruptions in the record were due to malfunction of the instruments.

COMPOSITE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Begin time	End time	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
JUN									
09-09	1443	1821	2.4	.23	.81	.023	.16	.59	482
SEP									
25-25	0705	1311	2.8	E.03	.54	.019	.78	1.32	406

DISCRETE SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)	Date	Time	Gage height, feet (00065)	Sus-pended sedi-ment concen-tration mg/L (80154)
JUN				JUN			
09...	1459	13.90	1690	09...	1629	14.18	294
09...	1529	14.14	1110	09...	1659	14.05	242
09...	1559	14.21	472	09...	1729	13.95	200
				09...	1759	13.88	146

GRAB SAMPLE DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Sus-pended sedi-ment concen-tration mg/L (80154)
NOV									
02...	1420	13.60	.64	<.04	E.03	<.008	.54	.61	--
APR									
06...	1115	13.71	9.2	4.33	4.21	.089	.57	1.79	1180

Remark codes:
< -- Less than
E -- Estimated

GROUND-WATER LEVELS

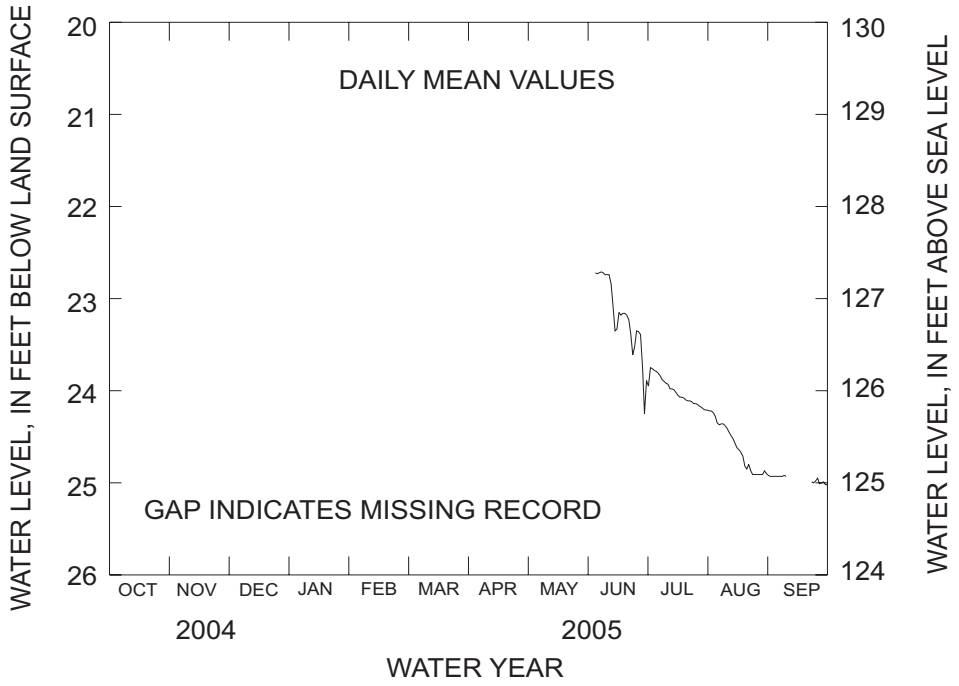
BOLIVAR COUNTY

335910090532901. Local number C0028.
LOCATION.--Lat 33°59'10", long 90°53'29", in SE1/4 NW1/4 sec. 14, T.24 N., R.7 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 2 mi east of State Highway 1, at State Highway 32 and Stafford Road.
AQUIFER.--112MRVA: Mississippi River alluvial aquifer, Pleistocene.
WELL CHARACTERISTICS.--Drilled for agricultural irrigation, diameter of casing 16-12 in, depth 120 ft.
INSTRUMENTATION.--Design Analysis Data Collection Platform installed June 2005. Water level, water temperature, specific conductance, and rainfall transmitted every 4 hours.
DATUM.--Land-surface datum is 150 ft above NGVD of 1929 (from topographic map). Measuring point: Floor of gage shelter, 2.80 ft above land-surface datum.
PERIOD OF RECORD.--June 2005 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.68 ft below land-surface datum, Jun. 7, 2005, lowest measured 25.04 ft, Sept. 29, 2005.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	22.73	23.79	24.35	24.93
10	---	---	---	---	---	---	---	---	22.74	23.92	24.41	---
15	---	---	---	---	---	---	---	---	23.33	24.02	24.62	---
20	---	---	---	---	---	---	---	---	23.18	24.10	24.85	---
25	---	---	---	---	---	---	---	---	23.35	24.14	24.91	24.95
EOM	---	---	---	---	---	---	---	---	---	24.21	24.92	---

WTR HIGH 22.68 JUN 7 LOW 25.04 SEP 29



GROUND-WATER LEVELS

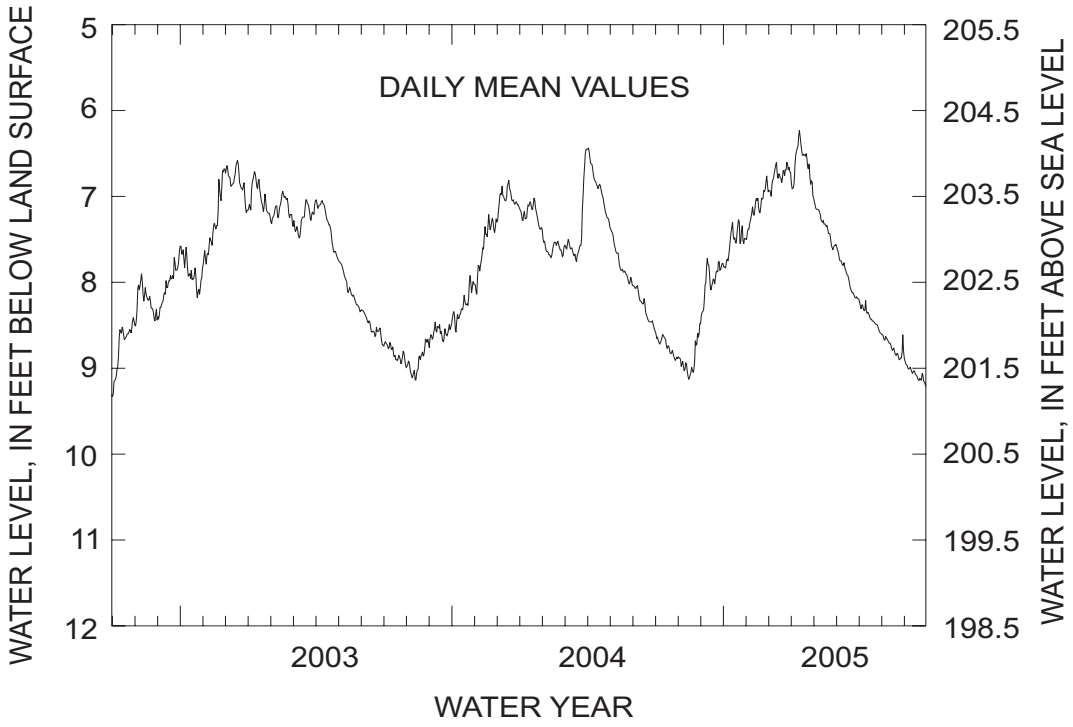
GRENADA COUNTY

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, 6.23 ft below land-surface datum, Apr. 13, 2005, lowest measured 11.18 ft, Nov. 21, 2001.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.67	8.98	8.32	7.74	7.32	6.95	6.89	7.14	7.69	8.31	8.67	8.97
10	8.64	9.01	7.72	7.50	7.21	6.74	6.44	7.18	7.80	8.32	8.68	9.01
15	8.67	9.13	8.09	7.50	7.05	6.79	6.39	7.28	7.89	8.36	8.77	9.04
20	8.78	9.02	8.02	7.34	7.11	6.84	6.52	7.34	8.05	8.45	8.84	9.14
25	8.83	8.73	7.76	7.40	6.94	6.69	6.68	7.51	8.14	8.49	8.90	9.06
EOM	8.89	---	7.78	7.50	---	6.71	---	7.57	---	8.59	8.81	---

WTR HIGH 6.23 APR 13 LOW 9.21 SEP 30

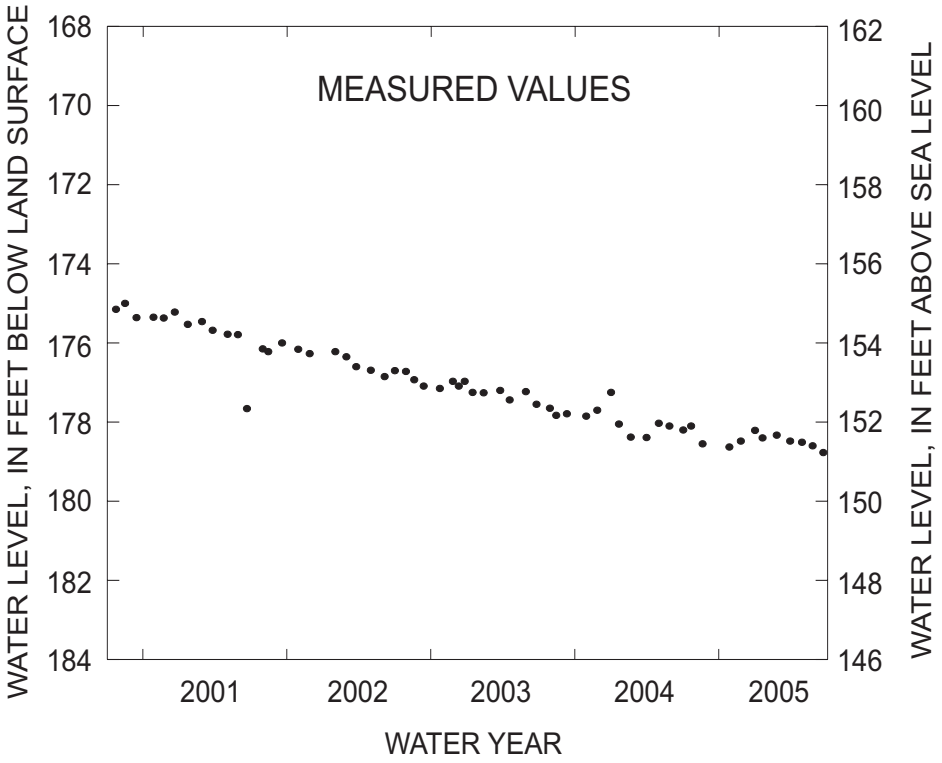


HINDS COUNTY

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, 178.77 ft below land-surface datum, Sept. 19, 2005.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	178.10	--- --	------	FEB 22	178.48	--- --	------	MAY 24	178.33	JUL 27	178.51	SEP 19	178.77
NOV 17	178.55	JAN 24	178.63	MAR 30	178.21	APR 18	178.40	JUN 27	178.48	AUG 23	178.60		



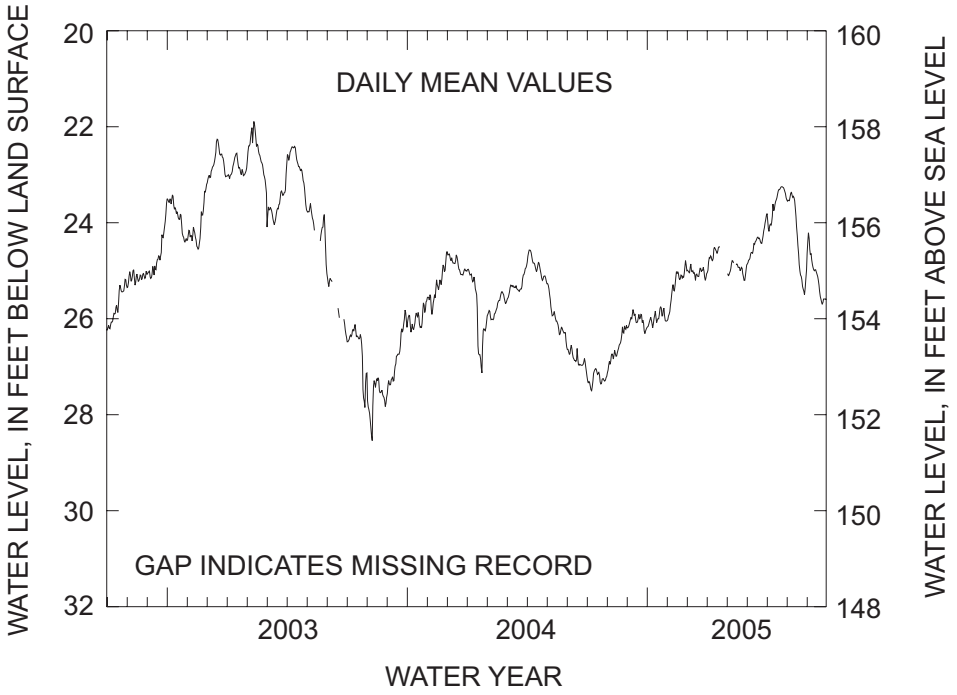
WAYNE COUNTY

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 every 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.33	26.95	26.07	26.01	25.72	25.03	24.73	25.09	24.77	24.18	23.54	24.55
10	27.29	26.84	25.81	26.10	25.41	25.02	24.79	24.79	24.64	23.86	23.47	24.93
15	27.05	26.78	26.08	26.08	25.06	25.20	24.57	---	24.38	23.56	23.87	25.03
20	27.18	26.53	26.00	25.79	25.16	25.12	24.50	24.93	24.32	23.31	24.87	25.43
25	27.25	26.29	26.03	25.82	25.14	24.99	---	24.95	24.36	23.25	25.33	25.66
EOM	27.20	---	26.19	26.04	---	25.15	---	24.98	---	23.48	24.99	---

WTR HIGH 23.25 JUL 24,25 LOW 27.50 OCT 8



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, 254.79 ft below land-surface datum, Oct.18, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	254.79	APR 8	254.31

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	276.16	APR 18	268.10

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, 149.90 ft below land-surface datum, Sept. 19, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	149.31	--- --	------	FEB 22	149.50	APR 18	149.30	JUN 20	149.29	AUG 23	149.52
NOV 17	149.83	JAN 24	149.80	MAR 30	148.79	MAY 24	149.30	JUL 27	149.43	SEP 19	149.90

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, 348.00 ft below land-surface datum Sept. 19, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	341.00	--- --	------	FEB 23	337.82	APR 21	338.37	JUN 20	340.82	AUG 23	346.41
NOv 17	340.86	JAN 24	338.04	MAR 30	337.22	MAY 24	338.83	JUL 27	344.27	SEP 19	348.00

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, 218.41 ft below land-surface datum Feb. 23, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	215.71	--- --	------	FEB 23	218.41	APR 21	216.09	JUN 20	216.03	AUG 23	216.08
NOV 17	216.30	JAN 24	211.77	MAR 30	215.70	MAY 24	215.79	JUL 27	216.06	SEP 19	216.42

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, 338.32 ft below land-surface datum Sept. 19, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	325.15	--- --	------	FEB 22	324.22	APR 18	322.61	JUN 20	326.60	AUG 23	330.57	SEP 19	339.32
NOV 17	326.82	JAN 24	323.91	MAR 30	324.05	MAY 24	327.50	JUL 27	329.06	--- --	------		

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, 317.35 ft below land-surface datum, Sept.28, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	308.90	--- --	------	FEB 23	305.96	--- --	------	JUN 28	316.99	AUG 31	308.51
--- --	------	JAN 26	308.25	MAR 30	306.48	MAY 25	311.85	JUL 28	317.35	--- --	------

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 113.79 ft below land-surface datum, Sept. 19, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	112.80	--- --	------	FEB 22	113.22	APR 18	112.70	JUN 27	113.50	AUG 23	113.73
NOV 17	113.05	JAN 24	113.22	MAR 30	112.26	MAY 24	113.35	JUL 27	113.21	SEP 19	113.79

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	191.04	APR 8	172.80

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, 330.67 ft below land-surface datum, Aug. 23, 2005.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	325.45	--- --	------	FEB 23	321.19	APR 21	321.54	--- --	------	AUG 23	330.67		
--- --	------	JAN 24	321.15	MAR 30	320.86	--- --	------	--- --	------	--- --	------		

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	200.20	APR 8	184.60

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	337.80	--- --	------	FEB 23	330.32	APR 21	330.36	JUN 28	334.83	--- --	------
NOV 18	336.45	JAN 25	330.39	MAR 30	330.96	MAY 25	336.39	JUL 28	334.22	--- --	------

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	353.73	APR 21	350.50

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, 244.95 ft below land-surface datum, Oct. 19, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	244.95	APR 21	239.27

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 248.08 ft below land-surface datum, Oct.19, 2004.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	248.08	APR 21	245.52

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 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	202.20	--- --	------	FEB 22	196.29	APR 18	194.65	JUN 27	197.43	AUG 23	199.65
NOV 17	199.75	JAN 24	197.13	MAR 30	198.13	MAY 24	196.24	JUL 27	198.11	SEP 19	200.13

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

BOLIVAR COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

335910090532901 C0028 BOLIVAR

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)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
SEP 20...	1600	112MRVA	122	150.00	8.0	137	4031	160	.4	762	.4	7.2

Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
SEP 20...	583	19.1	71.8	23.7	3.07	11.0	293	357	3.65	.3	37.8	<.2

Date	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	Ala-chlor 2nd amide, water, fltrd, ug/L (63781)	Aceto-chlor 3rd amide, water, fltrd, ug/L (63782)
SEP 20...	340	1.94	<.06	<.008	2.05	<.006	.76	10900	226	<.02	<.02	<.02

Date	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Ala-chlor ESA SA, water, fltrd, ug/L (62849)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor SAA, water, fltrd, ug/L (62848)	Amino-methyl-phos-phonic acid, wat flt ug/L (62649)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)
SEP 20...	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.1	<.02	<.02	<.02	<.02

Date	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd, ug/L (62481)	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hydroxy aceto-chlor, water, fltrd, ug/L (63784)	Hydroxy ala-chlor, water, fltrd, ug/L (63783)	Hydroxy dimeth-enamid, water, fltrd, ug/L (64045)	Hydroxy metola-chlor, water, fltrd, ug/L (63785)
SEP 20...	<.02	<.02	<.02	<.02	<.02	<.02	<.1	<.1	<.02	<.02	<.02	<.02

Date	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Propa-chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa-chlor OA, water, fltrd 0.7u GF ug/L (62767)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
SEP 20...	<.02	<.02	<.05	<.02	26.00	4035	8.00

Remark codes:
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DE SOTO COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

345804089463801 D0071 DE SOTO

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)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
APR 26...	1530	124SPRT	408.	392.	2.2	40	4045	160	.2	740	6.2	5.5

Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Organic carbon, water, fltrd, mg/L (00681)	Colipge F-spec, FAMP, 2-step, pres(1) abs(2) /L (99335)	Colipge som, Ec CN13hst 2-step, pres(1) abs(2) /L (99332)	E coli, MI MF, water, col/ 100 mL (90901)	Total coli-form, MI MF, water, col/ 100 mL (90900)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)
APR 26...	56	16.8	18	22	.4	2	2	<.0	<.0	<.5	<.5	<.09

Date	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)
APR 26...	<.016	<.04	<.02	<.006	<.5	<.005	<.006	<.08	<.004	<.032	<.5	<.004

Date	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)
APR 26...	<2	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5

Date	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Aci-fluor-fen, water, fltrd 0.7u GF ug/L (49315)	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)
APR 26...	<.006	<.5	<.5	<.028	<.005	<.02	<.022	<.04	<.5	<.007	<.07	<.050

Date	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Brom-oxynil, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)
APR 26...	<.02	<.010	<.022	<.02	<.01	<.5	<.5	<2	<2	<.02	<.03	<.018

Date	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF ug/L (49309)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF ug/L (49306)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)
APR 26...	<.5	<.02	<.041	<.5	<.016	<.02	<.032	<.04	<.04	<.06	<.005	<2

Remark codes:
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DE SOTO COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

345804089463801 D0071 DE SOTO--Continued

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)
APR 26...	<.006	<.02	<1.00	<.01	<.027	<.009	<.03	<.003	<.5	<.012	<.01	<.005

Date	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limonene, water, fltrd, ug/L (62073)	Ethion monoxon water, fltrd, ug/L (61644)
APR 26...	<.04	<.03	<.08	<.009	<5	<1	<.006	<.04	<.01	<.01	<.5	<.0020

Date	Ethion, water, fltrd, ug/L (82346)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinyl fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)
APR 26...	<.004	<1	<.049	<.04	<.03	<.02	<.029	<.013	<.024	<.016	<.04	<.02

Date	Fluoranthene water, fltrd, ug/L (34377)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexazinone, water, fltrd, ug/L (04025)	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Iprodione, water, fltrd, ug/L (61593)	Isoborneol, water, fltrd, ug/L (62077)	Isofenphos, water, fltrd, ug/L (61594)	Isophorone water, fltrd, ug/L (34409)
APR 26...	<.5	<.003	<.5	<.013	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5

Date	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)
APR 26...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010

Date	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl acetate water unfltrd ug/L (77032)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)
APR 26...	<.020	<1.0	<.03	<.015	<.5	<.006	<.006	<.03	<.008	<.04	<.5	<.01

Date	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)
APR 26...	<.04	<.02	<.01	<.03	<1	<.022	<.5	<.5	<.10	<.011	<.008	<.03

Remark codes:
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DE SOTO COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

345804089463801 D0071 DE SOTO--Continued

Date	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd, ug/L (04032)
APR 26...	<.01	<.005	<.004	<.030	<.01	<.008	<.5	<.02	<.005	<.038	<.02	<.016

Date	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	tert-Amyl alcohol water unfltrd ug/L (77073)	tert-Butyl alcohol water unfltrd ug/L (77035)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tribromomethane water, fltrd, ug/L (34288)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)
APR 26...	<.07	<.02	<.01	<1.0	<2.00	<.5	<.5	<.5	<.03	<1	<.5	<.009

Date	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(dichloro-i-Pr) phosphate, wat flt ug/L (62088)	1,1,1,2-Tetrachloroethane, water, unfltrd ug/L (77562)	1,1,1-Trichloroethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetrachloroethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Trichloroethane, water, unfltrd ug/L (34511)	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)
APR 26...	<.5	<.5	<.5	<.5	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03

Date	1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999)	1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)
APR 26...	<.1	<.1	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03

Date	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	2-Ethyltoluene water unfltrd ug/L (77220)	3-Chloropropene water unfltrd ug/L (78109)	4-Chlorotoluene water unfltrd ug/L (77277)	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylonitrile water unfltrd ug/L (34215)
APR 26...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<6	<.8

Date	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)	Bromochloromethane water unfltrd ug/L (77297)	Bromodichloromethane water unfltrd ug/L (32101)	Bromoethene, water, unfltrd ug/L (50002)	Bromomethane water unfltrd ug/L (34413)	Carbon disulfide water unfltrd ug/L (77041)	Chlorobenzene water unfltrd ug/L (34301)	Chloroethane, water, unfltrd ug/L (34311)	Chloromethane water unfltrd ug/L (34418)	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	cis-1,3-Dichloropropene water unfltrd ug/L (34704)
APR 26...	<.02	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05

Date	Dibromochloromethane water unfltrd ug/L (32105)	Dibromomethane water unfltrd ug/L (30217)	Dichlorodifluoromethane wat unf ug/L (34668)	Dichloromethane water unfltrd ug/L (34423)	Diethyl ether, water, unfltrd ug/L (81576)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethylbenzene water unfltrd ug/L (34371)	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Iodomethane water unfltrd ug/L (77424)
APR 26...	<.1	<.05	<.18	<.1	<.1	<.10	<.2	<2.0	<.03	<.1	<.1	<.50

Remark codes:
< -- Less than

DE SOTO COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

345804089463801 D0071 DE SOTO--Continued

Date	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)
APR 26...	<.4	<.04	<.4	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04	<.04

Date	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)
APR 26...	<.06	<.04	<.03	<.1	<.06	<.03	<.06	<1	<.02	<.03	<.09	<.7

Date	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
APR 26...	<.10	<.04	<.08	E.06	<.1	<.01	46.00	4095	8.00

Remark codes:
< -- Less than
E -- Estimated

HARRISON COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

303911089090801 B0012 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 11...	1245	121GRMF	230.00	145.	--	15	15	4090	160	6.9	103	--

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 11...	2.62	103	472	47.8	27.00	4090	8.00

303540089024801 C0146 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 11...	1445	122PCGL	476.00	199.	--	15	2	4090	160	5.0	26	--

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 11...	5.24	16	26	2.5	27.00	4090	8.00

303806089080301 C0274 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 11...	1130	122HBRG	1412.00	164.	--	15	8	4031	160	8.8	257	--

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 11...	1.88	164	6	7.5	26.00	4035	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

303530088595201 D0019 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 11...	1340	121GRMF	326.00	144.	--	15	50	4090	160	6.8	138	--

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 11...	2.84	125	3330	194	27.00	4090	8.00

303354089161801 E0099 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 14...	1250	121GRMF	620.00	161.	--	15	2	4040	160	8.4	240	--

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 14...	4.38	144	21	16.6	1.00	4040	8.00

303037089093201 F0403 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 14...	1130	122PCGL	700.00	120.	400	15	5	4031	160	6.9	175	--

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 14...	3.12	141	656	35.1	26.00	4035	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

303009088540601 H0048 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 11...	1555	122PCGL	840.00	25.	--	15	--	4090	160	8.4	938	--

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 11...	157	531	--	--	27.00	4090	8.00

302308089183101 J0213 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 14...	0905	122HBRG	1775.00	41.	--	15	12	4031	160	8.6	635	--

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 14...	92.9	332	11	24.9	26.00	4035	8.00

302440089033001 L0084 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 12...	0740	121GRMF	645.00	25.00	--	15	2	4031	160	7.8	249	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 12...	3.14	174	60	17.7	26.00	4035	8.00

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

302810089060002 L0231 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 12...	1015	122PCGL	697.00	57.	--	20	<1	4040	160	8.4	218	26.6

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 12...	3.31	162	11	21.6	26.00	4040	8.00

302646089053001 L0670 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 12...	0900	122PCGL	750.00	27.	--	15	2	4031	160	7.8	249	--

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 12...	3.23	166	8	25.4	26.00	4035	8.00

302557088530301 M0266 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 13...	1350	122PCGL	1236.00	11.	--	15	--	4100	160	10.2	1840	--

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 13...	419	970	E3	.8	1.00	4100	4.00

Remark codes:
< -- Less than
E -- Estimated value

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

302710088531501 M0643 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 13...	1305	122PCGL	840.00	23.	--	15	8	4031	160	8.1	404	--

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 13...	24.6	245	21	4.5	27.00	4035	8.00

302304089020301 M0657 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 12...	1145	122PCGL	900.00	20.	--	15	8	4031	160	8.8	275	--

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 12...	3.52	173	E5	8.5	27.00	4035	8.00

302812088592101 M0711 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 13...	1605	122HBRG	1470.00	50.	--	25	30	4090	160	8.6	1260	--

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 13...	219	679	9	23.0	28.00	4090	8.00

Remark codes:
E -- Estimated value

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

302701088593301 M0751 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 13...	0835	122PCGL	805.00	30.	--	20	8	4031	160	8.6	330	--

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 13...	11.4	203	56	4.3	26.00	4035	8.00

302348088550301 M0753 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 13...	1025	121GRMF	680.00	32.	--	15	8	4031	160	8.1	322	26.9

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 13...	6.33	201	24	34.1	26.00	4035	8.00

302342088515201 M0785 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 13...	0945	122PCGL	740.00	10.	--	15	15	4031	160	9.1	527	27.8

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 13...	48.0	303	E6	3.6	26.00	4035	8.00

Remark codes:
E -- Estimated value

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

302441088523901 M0790 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 15...	0850	122PCGL	1300.	4.	--	110	--	4040	160	8.1	1660	--

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 15...	347	903	1650	47.7	28.00	4040	8.00

301917089153101 N0327 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 14...	0740	122PCGL	858.00	10.	--	--	30	4031	160	8.6	626	27.4

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 14...	46.6	369	<6	11.5	27.00	4035	8.00

302215089102001 O0011 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 12...	1515	121GRMF	590.00	25.	--	20	<1	4031	160	7.8	184	24.6

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 12...	2.77	158	93	4.4	26.00	4035	8.00

Remark codes:
< -- Less than

HARRISON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

302204089102701 O0307 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 12...	1430	122HBRG	1820.00	24.	--	20	10	4100	160	8.8	406	--

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 12...	24.1	234	18	18.2	27.00	4100	4.00

302217089091301 O0308 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 12...	1345	121GRMF	1007.00	22.	--	15	2	4031	160	8.3	206	--

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 12...	3.08	182	14	59.9	26.00	4035	8.00

MARSHALL COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

344614089264701 P0078 MARSHALL

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)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
JUN 28...	1350	124MUWX	340.	583.	1000	E3	4090	160	.1	760	M	5.6

Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)
JUN 28...	138	17.0	9.46	3.84	2.35	9.05	26	31	.06	9.52	<.1	15.3

Date	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)
JUN 28...	12.9	95	<.04	3.27	<.008	3.43	<.006	<2	<.20	E.1	36	<.06

Date	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)
JUN 28...	19	<.04	<.8	.054	1.2	<6	.20	<.6	.3	<.4	.97	1.7

Date	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)
JUN 28...	<.2	73.9	<.04	<.1	3.2	<.09	<.006	<.005	E.004	<.004	<.004	<.004

Date	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)
JUN 28...	<.006	<.006	<.005	<.005	E.005	<.07	<.050	<.010	<.041	<.020	<.06	<.005

Date	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)
JUN 28...	<.006	<.008	<.018	<.027	<.009	<.009	<.003	<.012	<.005	<.08	<.009	<.006

Remark codes:
< -- Less than
E -- Estimated
M -- Presence verified but not quantified

MARSHALL COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

344614089264701 P0078 MARSHALL--Continued

Date	Disulfoton sulfone water, fltrd, ug/L (61640)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Endosulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)
JUN 28...	<.01	<.02	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013

Date	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)
JUN 28...	<.024	<.016	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03	<.015

Date	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	Oxyfluorfen, water, fltrd, ug/L (61600)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)
JUN 28...	<.006	<.006	<.003	<.008	<.007	<.022	<.10	<.011	<.05	<.008	<.01	<.005

Date	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Prometon, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Teflubenthrin, water, fltrd, ug/L (61606)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	trans-Propiconazole, water, fltrd, ug/L (79847)	Tribuphos, water, fltrd, ug/L (61610)
JUN 28...	<.004	<.011	<.02	<.005	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004

Date	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	1,1,1,2-Tetrachloroethane, water, unfltrd ug/L (77562)	1,1,1-Trichloroethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetrachloroethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Trichloroethane, water, unfltrd ug/L (34511)	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)	1,2,3,4 Tetramethylbenzene water unfltrd ug/L (49999)	1,2,3,5 Tetramethylbenzene water unfltrd ug/L (50000)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)
JUN 28...	<.009	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2

Date	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)
JUN 28...	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1

Date	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	2-Ethyltoluene water unfltrd ug/L (77220)	3-Chloropropene water unfltrd ug/L (78109)	4-Chlorotoluene water unfltrd ug/L (77277)	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylonitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)	Bromochloromethane water unfltrd ug/L (77297)
JUN 28...	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12

Remark codes:
< -- Less than

MARSHALL COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

344614089264701 P0078 MARSHALL--Continued

Date	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)
JUN 28...	<.03	<.1	<.3	<.04	<.03	<.1	<.2	.11	<.05	<.1	<.05	<.18

Date	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)
JUN 28...	<.1	<.1	<.10	<.2	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4

Date	Methyl acryl-ate, water, unfltrd ug/L (49991)	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)
JUN 28...	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04	<.04	<.06	<.04	<.03

Date	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)
JUN 28...	<.1	<.06	.27	<.06	<1	<.02	<.03	<.09	<.7	<.10	1.22	<.08

Date	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
JUN 28...	E.04	<.1	<.01	<.04	46.00	4095	8.00

Remark codes:
< -- Less than
E -- Estimated

SHARKEY COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

325438090521601 E0015 SHARKEY

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)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
JUL 05...	1200	124SPRT	1039.	103.	150	65	4045	160	.6	770	.4	8.8

Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)
JUL 05...	705	26.7	.23	.069	.75	173	320	E380	5	.29	15.2	.5

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)
JUL 05...	13.8	E.1	430	.45	<.06	<.008	.62	.390	6	<.20	<.2	3

Date	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
JUL 05...	<.06	749	<.24	<.8	E.013	E2.4	9	.69	7.2	.3	<.4	.08

Date	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)
JUL 05...	<.4	<1.2	18.6	<.24	.6	1.1	<.09	<.006	<.005	<.006	<.004	<.004

Date	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)
JUL 05...	<.004	<.006	<.006	<.005	<.005	<.007	<.07	<.050	<.010	<.041	<.020	<.06

Date	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Dicro-tophos, water fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)
JUL 05...	<.005	<.006	<.008	<.018	<.027	<.009	<.009	<.003	<.012	<.005	<.08	<.009

Remark codes:
< -- Less than
E -- Estimated

SHARKEY COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--=Continued

325438090521601 E0015 SHARKEY--Continued

Date	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)
JUL 05...	<.006	<.01	<.02	<.014	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029

Date	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)	Methyl para-oxon, water, fltrd, ug/L (61664)
JUL 05...	<.013	<.024	<.016	<.003	<.013	<.538	<.003	<.030	<.027	<.005	<.006	<.03

Date	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	Oxy-fluor-fen, water, fltrd, ug/L (61600)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)
JUL 05...	<.015	<.006	<.006	<.003	<.008	<.007	<.022	<.10	<.011	<.01	<.005	<.004

Date	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)	Teflu-thrin, water, fltrd, ug/L (61606)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)
JUL 05...	<.011	<.02	<.005	<.02	<.008	<.07	<.02	<.01	<.010	<.01	<.004	<.009

Date	1,1,1,2-Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)
JUL 05...	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2	<.18

Date	1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Dibromo chloro-propane water unfltrd ug/L (82625)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,3-Di-chloro-propane water unfltrd ug/L (77173)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)
JUL 05...	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03	<.04	<.03	<.1	<.03

Date	2,2-Di-chloro-propane water unfltrd ug/L (77170)	2-Chloro-toluene water unfltrd ug/L (77275)	2-Ethyl-toluene water unfltrd ug/L (77220)	3-Chloro-propene water unfltrd ug/L (78109)	4-Chloro-toluene water unfltrd ug/L (77277)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo-nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)
JUL 05...	<.05	<.04	<.06	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03

Remark codes:
< -- Less than

SHARKEY COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--=Continued

325438090521601 E0015 SHARKEY--Continued

Date	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)
JUL 05...	<.1	<.3	E.01	<.03	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1

Date	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acryl-ate, water, unfltrd ug/L (49991)
JUL 05...	<.1	<.10	<.2	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4	<1.0

Date	Methyl methac-rylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
JUL 05...	<.2	<.04	<.06	<.5	<.4	<.1	<.04	<.04	<.06	<.04	<.03	<.1

Date	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)
JUL 05...	<.06	<.03	<.06	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08	<.02

Date	Vinyl chlor-ide, water, unfltrd ug/L (39175)	Di-chlor-vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
JUL 05...	<.1	<.01	E.04	26.00	4095	8.00

Remark codes:
< -- Less than
E -- Estimated

WASHINGTON COUNTY

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

332541090503301 F0005 WASHINGTON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Alti-tude of land surface feet (72000)	Flow rate, instan-taneous gal/min (00059)	Pump or flow period prior to sam-pling, minutes (72004)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro-metric pres-sure, mm Hg (00025)
SEP 21...	1400	112MRVA	94.0	78	77	120.00	5.0	220	4040	140	1.0	763

Date	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)
SEP 21...	.4	7.2	1430	22.4	218	57.0	1.94	9.16	482	586	31.0	.4

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	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)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)
SEP 21...	21.5	97.9	933	.23	45.3	.090	45.5	.011	.036	2540	2330	<.02

Date	Ala-chlor 2nd amide, water, fltrd, ug/L (63781)	Aceto-chlor 3rd amide, water, fltrd, ug/L (63782)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Ala-chlor ESA SA, water, fltrd, ug/L (62849)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor SAA, water, fltrd, ug/L (62848)	Amino-methyl-phos-phonic acid, wat flt ug/L (62649)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)
SEP 21...	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.1	<.02	<.02

Date	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd, ug/L (62481)	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hydroxy aceto-chlor, water, fltrd, ug/L (63784)	Hydroxy ala-chlor, water, fltrd, ug/L (63783)
SEP 21...	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.1	<.1	<.02	<.02

Date	Hydroxy dimeth-enamid, water, fltrd, ug/L (64045)	Hydroxy metola-chlor, water, fltrd, ug/L (63785)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Propa-chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa-chlor OA, water, fltrd 0.7u GF ug/L (62767)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
SEP 21...	<.02	<.02	<.02	<.02	<.05	<.02	26.00	4045	8.00

Remark codes:
< -- Less than

WASHINGTON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

332440090502101 F0135 WASHINGTON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Alti-tude of land surface feet (72000)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Baro-metric pres-sure, mm Hg (00025)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)
SEP 15...	1030	112MRVA	9.0	6.0	5.5	95	4020	530	763	743	22.3	104

Date	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Silica, water, fltrd, mg/L (00955)	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)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)
SEP 15...	25.7	1.03	10.2	245	298	37.2	.14	<.06	.017	.23	<.012	.13

Date	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	Ala-chlor 2nd amide, water, fltrd, ug/L (63781)	Aceto-chlor 3rd amide, water, fltrd, ug/L (63782)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Ala-chlor ESA SA, water, fltrd, ug/L (62849)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor SAA, water, fltrd, ug/L (62848)
SEP 15...	5610	560	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02

Date	Amino-methyl-phos-phonic acid, wat flt ug/L (62649)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd ug/L (62481)	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)
SEP 15...	<.1	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.1

Date	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hydroxy aceto-chlor, water, fltrd, ug/L (63784)	Hydroxy ala-chlor, water, fltrd, ug/L (63783)	Hydroxy dimeth-enamid, water, fltrd, ug/L (64045)	Hydroxy metola-chlor, water, fltrd, ug/L (63785)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Propa-chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa-chlor OA, water, fltrd 0.7u GF ug/L (62767)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
SEP 15...	<.1	<.02	<.02	<.02	<.02	<.02	<.02	<.05	<.02	33.00	4020	15.00

Remark codes:
< -- Less than

WASHINGTON COUNTY--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005--Continued

332440090502103 F0137 WASHINGTON

Date	Time	Geo-logic unit	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Alti-tude of land surface feet (72000)	Sam-pling method, code (82398)	Well purging condi-tion, code (84143)	Baro-metric pres-sure, mm Hg (00025)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)
SEP 15...	1045	112MRVA	8.2	6.0	5.5	95.	4020	530	763	705	20.8	101

Date	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Silica, water, fltrd, mg/L (00955)	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)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)
SEP 15...	26.2	1.74	12.4	262	319	38.6	.14	<.06	.014	.23	E.007	.105

Date	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	Ala-chlor 2nd amide, water, fltrd, ug/L (63781)	Aceto-chlor 3rd amide, water, fltrd, ug/L (63782)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Ala-chlor ESA SA, water, fltrd, ug/L (62849)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor SAA, water, fltrd, ug/L (62848)
SEP 15...	5290	495	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02

Date	Amino-methyl-phos-phonic acid, wat flt ug/L (62649)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd ug/L (62481)	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)
SEP 15...	<.1	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.02	<.1

Date	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Hydroxy aceto-chlor, water, fltrd, ug/L (63784)	Hydroxy ala-chlor, water, fltrd, ug/L (63783)	Hydroxy dimeth-enamid, water, fltrd, ug/L (64045)	Hydroxy metola-chlor, water, fltrd, ug/L (63785)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Propa-chlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propa-chlor OA, water, fltrd 0.7u GF ug/L (62767)	Sample source, code (72005)	Sampler type, code (84164)	Sam-pling condi-tion, code (72006)
SEP 15...	<.1	<.02	<.02	<.02	<.02	<.02	<.02	<.05	<.02	1.00	4020	30.00

Remark codes:
< -- Less than
E -- Estimated

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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