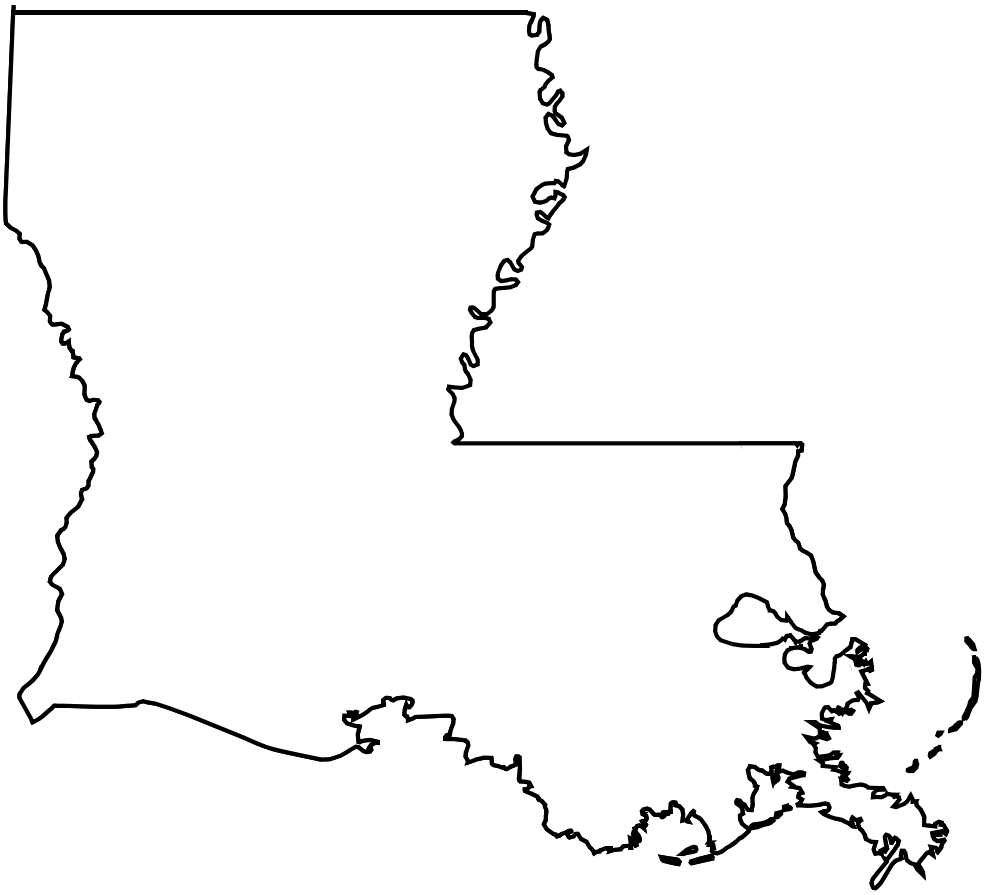
Water Resources Data
Louisiana
Water Year 2002

Water-Data Report LA-02-1



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

Prepared in cooperation with the Louisiana Department of Transportation and Development and with other State and Federal agencies

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

Water Resources Data
Louisiana
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By B.B. Goree, W.M. Lovelace, P.A. Montgomery, J.C. Resweber, C.K. Labbe, and D.J. Walters

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U.S. DEPARTMENT OF THE INTERIOR
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U.S. GEOLOGICAL SURVEY
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Baton Rouge, LA 70816
2003

PREFACE

This volume of the annual hydrologic data report of Louisiana is one of a series of annual reports that document 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 Federal, State, and local 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. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, most of the data were collected, computed, and processed by area field offices. The following individuals supervised the collection, processing, and tabulation of the data:

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13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 2002 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report contains records for water discharge at 85 gaging stations; stage only for 79 gaging stations and 7 lakes; water quality for 52 surface-water stations (including 40 gaging stations) and 104 wells; and water levels for 300 observation wells. Also included are data for 143 crest-stage and flood-profile partial-record stations. Additional water data were collected at various sites not included in the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

14. SUBJECT TERMS

*Louisiana, *Hydrologic data, *Surface water, *Groundwater, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.

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DISCONTINUED SURFACE-WATER DISCHARGE, ELEVATION, OR STAGE-ONLY STATIONS

The following continuous-record surface-water discharge, elevation (stage only), or stage-only stations (gaging stations) in Louisiana have been discontinued. Daily streamflow or stage were collected and published for the period of record, expressed in water years, shown for each station. The stations with an (*) are currently operated as crest-stage partial-record stations and the stations with (**) are currently operated as flood-profile 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 listed under type-of-data collected are: (d) discharge, (e) elevation (stage only), (s) stage only]

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY STATIONS

	Type of data	Station number	Drainage area (mi^2)	Period of record
Bogue Lusa Creek near Franklinton, LA	(d)	02490000	12.1	1948-68
Bogue Lusa Creek at State Highway 439, at Bogalusa, LA	(d)	02490105	72.7	1963-85
Bogue Chitto at Franklinton, LA	(d)	02491500	990	1928-31
	(d)		990	1938-57
Pearl River at Pearl River, LA	(d)	02492600	8,590	1963-70
Red River near Hosston, LA	(d)	07344400	57,041	1957-96
Paw Paw Bayou near Greenwood, LA	(d)	07344450	80.5	1955-87
Black Bayou near Hosston, LA	(d)	07346500	231	1943-44
Kelly Bayou near Hosston, LA	(d)	07347000	116	1944-69
Black Bayou near Gilliam, LA	(d)	07347500	364	1942-59
	(s)		364	1959-69
Black Bayou near Oil City, LA	(s)	07347700	370	1945-59
Twelvemile Bayou near Dixie, LA	(d)	07348000	3,137	1942-95
Flat Lick Bayou near Leton, LA	(d)	07348800	66.9	1956-77
Bayou Dorcheat near Gilark, LA	(s)	07348960	1,031	1953-79
Flat River near Curtis, LA	(d)	07349374	--	1980-88
Bodcau Bayou near Sarepta, LA	(d)	07349500	546	1938-92
Cypress Bayou above Benton, LA	(d)	07349795	88.9	1974-86
Cypress Bayou near Benton, LA	(d)	07349800	133	1955-68
	(d)		133	1969-74
Red Chute Bayou above U.S. Highway 80, near Shreveport, LA	(s)	07349848	--	1949-50
Red Chute Bayou near Elm Grove, LA	(d)	07349890	1,004	1977-79
Loggy Bayou near Ninock, LA	(d)	07350000	2,628	1943-60
	(s)		2,628	1961-85
Loggy Bayou near East Point, LA	(s)	07350020	2,648	1955-64
	(d)		2,648	1980-85
Red River near Crichton, LA	(s)	07350100	--	1945-46
Red River at Coushatta, LA	(d)	07350500	63,362	1938-52
Boggy Bayou near Keithville, LA	(d)	07351000	79	1938-82
Bayou Pierre below Caspiana, LA	(d)	07351571	--	1979-82
Bayou Pierre near Grand Bayou, LA	(d)	07351600	661	1977-84
	(s)		661	1984-85
Bayou Na Bonchasse near Mansfield, LA	(d)	07351700	19.5	1957-68
West Branch Dolet Bayou at Rambin, LA	(d)	07351748	32.3	1979-86
Chemard Lake near Evelyn, LA	(s)	07351749	43.8	1977-79
Bayou Dupont near Marthaville, LA	(s)	07351800	--	1957-69
Bayou Dupont near Robeline, LA	(d)	07351900	35.1	1957-69
Black Lake Bayou near Castor, LA	(d)	07352500	423	1940-57
Grand Bayou near Coushatta, LA	(d)	*07352800	93.9	1956-77, 1979-96
Saline Bayou near Clarence, LA	(d)	07353000	1,386	1949-73
	(s)		1,386	1974-82
Nantachie Creek near Aloha, LA	(s)	07353522	--	1942-46
Youngs Bayou at Natchitoches, LA	(d)	07353800	40.1	1957-64
Little Sandy Creek at Kisatchie, LA	(d)	07354000	21.4	1949-79
Kisatchie Bayou at Lotus, LA	(d)	07354100	140	1979-92

DISCONTINUED SURFACE-WATER DISCHARGE, ELEVATION, OR STAGE-ONLY STATIONS--Continued

	Type of data	Station number	Drainage area (mi^2)	Period of record
Horsepen Creek near Provencal, LA	(d)	07354500	5.27	1949-68
Kisatchie Bayou at Cypress, LA	(s)	07354700	360	1944-49
Iatt Lake near Colfax, LA	(s)	07355300	238	1958-59
Hemphill Creek near Hot Wells, LA	(d)	07355000	18.0	1948-64
Dyer Creek near Hot Wells, LA	(d)	07355005	5.22	1955-64
Larto Lake at Dam, near Acme, LA	(s)	07355650	291	1968-76
	(e)		291	1076-90
Ouachita River at Alabama Landing, near Haile, LA	(s)	07364103	1,107	1958-80
Chemin-a-haut Bayou near Beekman, LA	(d)	07364300	271	1955-79
Chemin-a-haut Bayou east of Beekman, LA	(s)	07364320	--	1968-79
Bayou Bartholomew near Beekman, LA	(d)	07364500	1,645	1928-31
	(d)		1,645	1938-59
	(s)		1,645	1959-80
Bayou De Loutre near Laran, LA	(d)	07364700	141	1955-77
Bayou D'Arbonne near Hico, LA	(d)	07364890	254	1980-87
Bayou D'Arbonne near Dubach, LA	(d)	07365000	355	1940-69
Middle Fork Bayou D'Arbonne near Bernice, LA	(d)	07365500	178	1940-57
	(d)		178	1967-70
Corney Bayou near Lillie, LA	(d)	07366000	462	1940-57
Bayou Desiard at Monroe, LA	(s)	07366500	--	1939-59
Cheniere Lake near Bawcomville, LA	(d)	07367500	147	1943-45
Ouachita River at Columbia, LA	(s)	07367640	15,700	1975-81
Boeuf River near Chickasaw, LA	(s)	07367704	787	1959-69
Big Colewa Bayou near Oak Grove, LA	(d)	07368500	42	1949-77
Big Colewa Bayou near Pioneer, LA	(e)	07368505	--	1954-77
Turkey Creek at State Highway 15, at Winnsboro, LA	(s)	**07369205	28.8	1975-80
Lake Providence north of Lake Providence, LA	(e)	07369370	18.7	1967-77
	(d)		18.7	1984-86
Brushy Bayou at Tallulah, LA	(e)	**07369455	--	1974-80
Lower Roundaway Bayou Tributary near Tallulah, LA	(e)	**07369457	--	1974-81
Panola Bayou at Tallulah, LA	(e)	**07369468	--	1977-82
Lake St. Joseph near Newellton, LA	(e)	07369647	23.2	1959-61
	(e)		23.2	1977-87
Lake Bruin at Lake Bruin State Park, near	(e)	07369648	21.4	1959-64
St. Joseph, LA	(e)		21.4	1977-87
Bayou Macon near Kilbourne, LA	(d)	07369700	504	1957-87
Bayou Macon near Delhi, LA	(d)	07370000	782	1935-92
Castor Creek near Grayson, LA	(d)	07370500	271	1940-70
Garrett Creek at Jonesboro, LA	(d)	07371000	2.14	1952-70
Dugdemona River near Jonesboro, LA	(d)	*07371500	355	1938-57, 1977-96
Fouse Bayou at State Highway 155, near Danville, LA	(d)	07371540	1.5	1977-81
Dugdemona River near Winnfield, LA	(d)	07372000	654	1939-77
	(s)		654	1977-81
Bayou Funny Louis near Trout, LA	(d)	07372500	92	1939-70
Hemphill Creek at Nebo, LA	(d)	*07373250	35.3	1978-96
Lake St. John near Waterproof, LA	(e)	07373278	14.81	1967-87
Lake Concordia near Ferriday, LA	(e)	07373280	8.91	1967-80
Lake Concordia at Ferriday, LA	(e)	073732805	8.91	1980-87
West Fork Thompson Creek near Wakefield, LA	(d)	07373500	35.3	1949-70
South Canal near Baker, LA	(d)	*07373965	--	1972-82
Monte Sano Bayou Tributary at Baton Rouge, LA	(s)	07373993	--	1985-86
Mississippi River at Baton Rouge, LA	(s)	07374000	1,125,810	1940-58
Mississippi River near New Orleans, LA	(s)	07374500	1,125,900	1934-58
California Bay near Sunrise Point near Nairn, LA	(s)	07374529	--	1992-93
Canal W-14 at Roberts Road, at Slidell, LA	(s)	07374570	--	1985-88

DISCONTINUED SURFACE-WATER DISCHARGE, ELEVATION, OR STAGE-ONLY STATIONS--Continued

	Type of data	Station number	Drainage area (mi^2)	Period of record
Canal W-14 at Daney Street, at Slidell, LA	(s)	07374572	--	1985-87
Canal W-14 at Kingspoint Boulevard, at Slidell, LA	(s)	07374573	--	1985-87
Tickfaw River at Liverpool, LA	(d)	*07375800	89.7	1956-68
	(d)		89.7	1979-81
Little Sandy Creek near Greenwell Springs, LA	(d)	07377240	28.2	1974-85
White Bayou East Diversion Channel near Baton Rouge, LA	(d)	**07377755	--	1972-84
White Bayou East Diversion Channel near Baker, LA	(d)	**07377842	--	1972-84
Beaver Bayou at Hooper Road, near Baton Rouge, LA	(s)	**07378083	--	1982-96
Amite River at 4-H Camp, near Denham Springs, LA	(s)	07378510	1,290	1945-77
Jones Creek at Monterrey Boulevard, at Baton Rouge, LA	(d)	07378597	--	1985-86
Bayou Braud near St. Gabriel, LA	(s)	07378740	--	1965-70
Elbow Bayou at Baton Rouge, LA	(s)	07378788	--	1980-83
Elbow Bayou Tributary at Baton Rouge, LA	(s)	07378790	--	1966-76
	(s)		--	1980-83
Elbow Bayou near Baton Rouge, LA	(s)	07378792	--	1980-83
Ward Creek at Government Street, at Baton Rouge, LA	(d)	**07379000	4.10	1954-67
Bayou Duplantier at City Park Lake, at Baton Rouge, LA	(d)	07379500	.81	1933-39
	(s)		.81	1940-41
Corporation Canal at Oklahoma Street, at Baton Rouge, LA	(e)	**07379502	.56	1970-80
Corporation Canal at Campus Drive, at Baton Rouge, LA	(e)	07379507	1.64	1970-85
Ward Creek at Siegen Lane, near Baton Rouge, LA	(d)	**07380000	40.0	1946-54
Bayou Manchac At Hope Villa, LA	(s)	07380100	138	1945-58
Amite River at Port Vincent, LA	(s)	07380120	1,596	1945-84
Black Bayou near Duplessis, LA	(d)	07380224	3.66	1964-70
Black Bayou near Gonzales, LA	(s)	07380225	8.93	1964-70
New River at Acy, LA	(s)	07380228	--	1976-86
Bayou Labranch at Fall Canal near Kenner, LA	(s)	073802311	--	1992-93
Pipeline Canal at Labanch Wetland near Kenner, LA	(s)	073802312	--	1992-93
BS4-1 Whites Ditch near Naomi, LA	(s)	073802357	--	1992-93
Pailet Canal at Barataria, LA	(s)	073802364	--	1985-88
Lareussite Canal near Naomi, LA	(s)	073802376	--	1992-93
Bayou Grand (BA4-1) near West Pointe-a-la-Hache, LA	(s)	07380252	--	1992-93
Bayou Lafourche at Donaldsonville, LA	(d)	07380400	--	1957-85
Bayou Lafourche at Napoleonville, LA	(s)	07380500	--	1954-57
Bayou Lafourche at Valentine, LA	(e)	07381200	--	1966-86
Bayou Lafourche at Golden Meadow, LA	(s)	07381300	--	1959-79
Bayou Jean LaCroix at Montegut, LA	(s)	07381316	--	1994-97
Bayou DuLarge near Theriot, LA	(s)	07381323	--	1994-97
Houma Navigation Canal at Houma, LA	(s)	07381325	--	1962-67
Mill Creek near Dulac (Inside), LA	(s)	07381329	--	1993-97
Mill Creek near Dulac (Outside), LA	(s)		--	1993-97
Atchafalaya River at Krotz Springs, LA	(d)	07381500	--	1934-63
	(s)		--	1964-68
Pipeline Canal 13.7 miles northeast of Loreauville, LA	(s)	0738153842	--	1993-97
Si-Bon Canal 9.3 miles northeast of Loreauville, LA	(s)	0738153843	--	1993-95
Milepoint Bayou 8.0 miles north of Loreauville, LA	(s)	073815668	--	1993-95
Elliot Jones Canal near Greenwood, LA	(e)	07381655	--	1974-77
Spring Creek near Melder, LA	(s)	07381768	--	1972-76
Spring Creek near Glenmora, LA	(d)	07381800	68.3	1956-87
Cocodrie Lake near Clearwater, LA	(s)	07381950	240	1959-80
Bayou Cocodrie near Lone Pine, LA	(s)	07382025	--	1945-84
Long Branch at Castor Plunge, near Alexandria, LA	(s)	07382238	10.7	1968-76
Chatlin Lake Canal near Lecompte, LA	(d)	07383000	75.9	1942-53
	(s)		75.9	1953-58
West Protection Levee Barrow Pit Channel near Plaucheville, LA	(d)	07384000	321	1944-57

DISCONTINUED SURFACE-WATER DISCHARGE, ELEVATION, OR STAGE-ONLY STATIONS--Continued

	Type of data	Station number	Drainage area (mi^2)	Period of record
Bayou Courtableau at Weir, near Krotz Springs, LA	(d)	07385000	--	1953-58
Bayou Teche at Franklin, LA	(d)	07385800	--	1984-92
Bayou Carencro near Sunset, LA	(d)	07386000	37.1	1942-61
Bayou Fusilier at State Highway 93, near Arnaudville, LA	(s)	07386202	--	1960-74
Bayou Bourbeau at Shuteston, LA	(d)	07386500	19.0	1942-70
Vermilion River near Carencro, LA	(s)	07386600	--	1948-67
Bayou des Cannes at State Highway 755, near Eunice, LA	(s)	08010010	140	1941-83
Long Point Gully near Crowley, LA	(d)	08010300	25.7	1949-59
	(s)		25.7	1959-67
Bayou Wikoff near Rayne, LA	(s)	08010500	51.3	1967-71
Bayou Plaquemine Brule near Crowley, LA	(d)	08011000	254	1942-47
	(s)		254	1975-79
Bayou Plaquemine Brule near Ebenezer, LA	(s)	08011005	--	1947-51
Bayou Plaquemine Brule at Estherwood, LA	(s)	08011020	--	1947-49
Boggy Bayou near Pine Prairie, LA	(d)	08011500	51.3	1948-51
	(d)		51.3	1965-79
Bayou Nezpique at Mamou Pumping Plant, near Basile, LA	(s)	08012020	542	1945-85
Bayou Queue de Tortue near Indian Bayou	(d)	08012285	--	1991-95
Bayou Queue de Tortue Southwest of Lyons Point, LA	(s)	08012295	158	1976-79
Bayou Queue de Tortue at Riceville, LA	(s)	08012300	--	1942-51
	(d)		--	1985-99
Mermentau River at Lake Arthur, LA	(s)	08012400	--	1984-94
Bayou Lacassine at Intercoastal Waterway, LA	(s)	08012500	--	1954-58
Sixmile Creek near Sugartown, LA	(d)	08014000	171	1956-65
Tenmile Creek near Elizabeth, LA	(d)	08014200	94.2	1949-65
Bundick Creek near De Ridder, LA	(d)	08014800	120	1956-79
Bundick Creek near Dry Creek, LA	(d)	08015000	238	1939-70
English Bayou near Lake Charles, LA	(s)	08016000	--	1954-69
Beckwith Creek near Dequincy, LA	(d)	08016400	148	1945-84
Hickory Branch at Kernan, LA	(d)	08016600	82.2	1945-57
Bayou Choupique near Sulphur, LA	(s)	08017007	--	1984-85
Bayou Castor near Funston, LA	(d)	08022765	91.5	1971-87
Bayou Castor near Logansport, LA	(d)	08023000	96.5	1955-71
	(s)		96.5	1971-85
Bayou San Patricio near Noble, LA	(d)	08023500	154	1951-67
Bayou San Miguel near Zwolle, LA	(d)	08024000	111	1948-67
Blackwell Creek at Many, LA	(d)	08024060	3.16	1959-68
Bayou La Nana near Zwolle, LA	(d)	08024200	130	1955-67
Bayou Anacoco near Leesville, LA	(d)	08027500	115	1948-64
Anacoco Lake near Leesville, LA	(s)	08027700	207	1958-68
Bayou Anacoco near Knight, LA	(d)	08028200	425	1969-73
Hoosier Creek near Merryville, LA	(d)	08028700	13.1	1955-81
Pipeline Canal 7.8 mi north of Charenton, LA		091294300	--	1996-97
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	(s)	091300000	--	1993-95
Grand Lake 4.0 miles north northeast of Charenton, LA	(s)	091303000	--	1993-97
Grand Lake 4.1 miles north of Charenton, LA	(s)	091303000	--	1994-97
Atchafalaya River Main Channel 11.3 miles east of Catahoula, LA	(s)	091312700	--	1994-97
Pipeline Canal near Bayou Crook Chene 13.0 miles northeast of Loreauville, LA	(s)	091324000	--	1993-97
Bayou Eugene Overbank area 14.6 miles north northwest of Charenton, LA	(s)	091325300	--	1994-97
Florida Gas Pipeline 10.3 miles northeast of Loreauville, LA	(s)	091343800	--	1993-97

DISCONTINUED SURFACE-QUALITY-WATER STATIONS

The following continuous-record surface-water-quality stations in Louisiana have been discontinued. Daily records of temperature, specific conductance, pH, dissolved oxygen, sediment, chloride, sulfate, or color were collected and published for the record shown for each station.

Type of record: Temp. (temperature); S.C. (specific conductance); pH (pH); D.O. (dissolved oxygen), Sed. (sediment); Cl (chloride); Sulfate; and CO (color).

Drainage area: A (drainage area not determined); B (approximately); C (22,240 mi^2 is noncontributing); D (5,936 mi^2 above Denison Dam is noncontributing); E (because of interchanging flow between basins, the limits of drainage are more or less arbitrarily determined); F (drainage area indeterminate).

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Pearl River near Bogalusa, LA	02489500	6,573	Temp.	1963-70, 1975-81
		6,573	S.C.	1965-70, 1975-81
		6.573	ph, D.O.	1975-80
		6,573	Sed.	1981-88
Pearl River near Bogalusa, at Pools Bluff, LA	02490193	(A)	S.C., pH, Temp., D.O.	1975-84
Bogue Chitto near Bush, LA	02492000	1,213	S.C., Temp.	1975-81
Pearl River at Pearl River, LA	02492600	B8,590	Temp.	1964
Mississippi River at Tarbert Landing, MS	07295100	C1,124,900	Sed.	1981
Red River near Hosston, LA	07344400	D57,041	Temp.	1957-73, 1976-86
		D57,041	S.C.	1965-86
Red River above Shreveport, LA	07344410	D57,100	S.C., Temp.	1975, 1977
Twelvemile Bayou near Dixie, LA	07348000	3,137	S.C., Temp.	1978-81
Red River at Shreveport, LA	07348500	D60,613	Temp.	1956-58
Bayou Dorcheat near Springhill, LA	07348700	605	S.C.	1968, 1970-72, 1985-86
		605	Temp.	1968, 1985-86
Bayou Pierre near Lake End, LA	07351750	860	Sed.	1983-85, 1987
Grand Bayou near Coushatta, LA	07352800	93.9	Sed.	1981-82
Saline Bayou near Clarence, LA	07353000	1,386	S.C.	1969-70
Bayou De Loutre near Laran, LA	07354700	141	S.C., Temp.	1968-72, 1985-86
Red River at Colfax, LA	07354950	D66,860	Cl	1975-84
		D66,860	Temp.	1976-84
		D66,860	Sed.	1981-84
Red River at Alexandria, LA	07355500	D67,500	Temp.	1953-63, 1973-84
		D67,500	S.C.	1973-81
		D67,500	Cl	1975-84
		D67,500	Sed.	1981
Red River near Simmesport, LA	07355601	93,163	S.C.	1978-81
		93,163	Temp.	1978-79, 1981
Bayou Bartholomew near Jones, LA	07364200	B1,187	S.C.	1968-69
		B1,187	Temp.	1968
Bayou D'Arbonne near Dubach, LA	07365000	355	S.C., Temp.	1968
Corney Bayou near Lillie, LA	07366000	462	S.C., Temp.	1968-72
Little Corney Bayou near Lillie, LA	07366200	208	S.C., Temp.	1968-69
Ouachita River at Monroe, LA	07367000	15,298	Temp.	1955-58, 1969-74
		15,298	S.C.	1966-67, 1969-74
		15,298	D.O.	1969-74
Ouachita River at Columbia, LA	07367640	B15,700	S.C.	1975-81
		B15,700	Temp.	1976-81

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Boeuf River near Arkansas-Louisiana State Line	07367700	E785	S.C., Temp.	1968-69
Boeuf River near Girard, LA	07368000	E1,226	S.C., Temp.	1968-69
Bayou Lafourche near Crew Lake, LA	07369000	E361	S.C.	1968-72
		E361	Temp.	1968-71
Boeuf River near Fort Necessity, LA	07369150	E2,542	S.C., Temp.	1978-81
Tensas River at Tendal, LA	07369500	E309	S.C.	1968, 1971-72, 1975-82
		E309	Temp.	1968, 1975-82
Bayou Macon near Kilbourne, LA	07369700	E504	S.C.	1968-69
		E504	Temp.	1968
Dugdemona River near Winnfield, LA	07372000	654	D.O.	1969-70
Little River near Rochelle, LA	07372200	1,899	S.C.	1966-85
		1,899	Temp.	1980-85
Big Creek at Pollock, LA	07373000	B51	Temp.	1965-72, 1974-77
Black River at Jonesville, LA	07373267	(F)	Temp.	1959-67
		(F)	S.C.	1965-67
Mississippi River near St. Francisville, LA	07373420	1,125,300	Temp.	1955-72, 1975-86, 1988
		1,125,300	S.C.	1965-70, 1972, 1975-88
		1,125,300	Cl	1970, 1975-88
		1,125,300	Sulfate	1970, 1975-88
Mississippi River below St. Francisville, LA	07373423	E1,243,000	pH	1970-71
		E1,243,000	Temp., D.O.	1970-74
		E1,243,000	S.C.	1971-74
Mississippi River at Luling, LA	07374400	E1,125,800	Temp.	1958-72, 1978-88
		E1,125,800	S.C.	1965-72, 1975, 1977-88
		E1,125,800	Cl	1975, 1977-88
		E1,125,800	Sulfate	1975, 1977-88
Mississippi River at New Orleans, LA	07374508	E1,125,900	S.C., D.O.	1969-88
		E1,125,900	Temp.	1971-88
		E1,125,900	pH	1977-88
Mississippi River at Belle Chasse, LA	07374525	E1,125,930	S.C.	1975-88
		E1,125,930	Temp.	1976-88
		E1,125,930	Cl	1975-84, 1986-88
		E1,125,930	Sulfate	1976-78
California Bay near Sunrise Point near Nairn, LA	07374529	(F)	S.C., Temp.	1992-93
Mississippi River at Venice, LA	07374550	(A)	Cl	1975
Tchefuncta River near Covington, LA	07375050	145	S.C., Temp.	1978-82, 2000-01
Tangipahoa River at Robert, LA	07375500	646	S.C., Temp.	1980-82
Tangipahoa River at Lee Landing, LA	07375660	(A)	Temp.	1964
Comite River near Comite, LA	07378000	284	Temp.	1945
Amite River near Denham Springs, LA	07378500	1,280	S.C., Temp.	1968
Amite River, at 4H Camp, near Denham Springs, LA	07378510	1,290	S.C., Temp.	1973-81
Pass Manchac at Manchac, LA	07380230	3,204	Cl	1975-84
		3,204	Temp.	1977-84
Bayou Labranch at Fall Canal near Kenner, LA	073802311	(F)	S.C., Temp.	1992-93
Pipeline Canal at Labranch Wetland near Kenner, LA	073802312	(F)	S.C., Temp.	1992-93
Lake Ponchatrain at Lincoln Beach near Little Woods, La	0738023325	(F)	S.C., Temp. pH	1999-2000
BS4-1 Whites Ditch near Naomi, LA	073802357	(F)	S.C., Temp.	1992-93
Lareussite Canal near Naomi, LA	073802376	(F)	S.C., Temp.	1992-93

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Bayou Grand (BA4-1) near West Pointe-a-la-Hache, LA	07380252	(F)	S.C., Temp.	1992-93
Bayou Lafourche at Valentine, LA	07381200	(F)	S.C.	1971-74
Bayou Lafourche, above Intracoastal Waterway, near Larose, LA	07381225	(A)	S.C.	1976-78
Bayou Lafourche at Golden Meadow, LA	07381300	(F)	Cl	1975-84
		(F)	Temp.	1977-78, 1981-84
Bayou Lafourche at Leeville, LA	07381310	(F)	Cl	1975-77
		(F)	Temp.	1977
Bayou Jean Lacroix at Montegut, LA	07381316	(F)	S.C, Temp.	1994-97
Bayou Terrebonne at Houma, LA	07381320	(F)	Cl	1975-80
Bayou DuLarge at Theriot, LA	07381323	(F)	S.C., Temp.	1995-97
Houma Navigation Canal at Houma, LA	07381325	(F)	S.C.	1978-81
		(F)	Temp.	1978, 1981
Bayou LaCarpe near Crozier, LA	07381326	(F)	S.C., Temp.	1994-2000
Houma Navigation Canal at Dulac, LA	07381328	(A)	S.C., Temp. D.O.	1974-75
Mill Creek near Dulac, LA	07381329	(F)	S.C., Temp.	1993-97
Company Canal at Lockport, LA	07381350	(F)	S.C.	1979-85
		(F)	Temp.	1981-85
Bayou Grosse Tete at Rosedale, LA	07381440	(F)	S.C., Temp.	2000-01
Lower Grand River at Bayou Sorrel, LA	07381450	(F)	S.C., Temp.	1980-82
Bayou Bouef at Railroad Bridge at Amelia, LA	073814675	(F)	S.C., Temp.	2000-01
Atchafalaya River at Melville, LA	07381495	93,316	S.C., Temp.	1979-81
Atchafalaya River at Krotz Springs, LA	07381500	(F)	Temp.	1953-55
		(F)	S.C.	1967, 1969-71
Si-Bon Canal 9.3 miles northeast of	0738153843	(A)	S.C., Temp.,	1993-95
Bayou DeCade at Lake DeCade near Theriot, LA	073816506	(F)	S.C., Temp.	2000-01
Bayou Cocodrie near Clearwater, LA	07382000	240	Temp.	1953-54
Bayou Teche at Keystone Lock, near St. Martinville, LA	07385700	(F)	S.C., Temp.	1975-81
Bayou Teche near Olivier, LA	07385750	(F)	Temp., D.O.	1974-80
		(F)	S.C.	1976-80
		(F)	pH	1977-80
Bayou Bourbeau at Shuteston, LA	07386500	(A)	Cl, Temp., S.C.	1968
Vermilion River, at State Highway 3073, near Lafayette, LA	07386935	(F)	S.C., Temp., D.O.	1971-81
		(F)	pH	1976-81
Vermilion River at Perry, LA	07386980	(F)	S.C.	1966-78
Vermilion River at Bancker Ferry, near Abbeville, LA	07387000	(F)	Temp.	1949-62
		(F)	S.C., Cl	1951-62
Bayou des Cannes near Eunice, LA	08010000	131	S.C., Temp. Sed.	2001
Mermentau River at Mermentau, LA	08012150	1,381	S.C., Temp.	1980-82
Mermentau River at Lake Arthur, LA	08012400	(F)	S.C.	1951-58, 1960-69
		(F)	Cl	1951-58, 1960-65, 1967-69
		(F)	Temp.	1959-69
Calcasieu River near Oberlin, LA	08013500	753	S.C., Temp.	1976-77, 1979
		753	pH, D.O.	1976-77
Calcasieu River near Kinder, LA	08015500	1,700	S.C., Temp.	1979-82

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Calcasieu River near Lake Charles, LA	08015900	2,310	S.C., Temp.	1975-78
Bayou Castor near Logansport, LA	08023000	96.5	Sed.	1983-84
Bayou San Patricio near Benson, LA	08023400	80.2	Sed.	1981-85
Bayou Anacoco near Rosepine, LA	*08028000	365	S.C., CO	1971-72
Bayou Anacoco near Knight, LA	08028200	425	S.C., Temp., CO	1970-71
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	091300000	(A)	S.C., Temp., D.O., pH	1993-95
Red Eye Swamp 11.0 miles northeast of Loreauville, LA	091323200	(F)	S.C., Temp., pH, DO	1996-99
Overbank Area 14.6 miles north northwest of Charenton Lake, LA	091325300	(F)	S.C., Temp., D.O., pH	1994-97
Bayou Crook Chene above Bayou Eugene near Loreauville, LA	091344700	--	S.C., Temp., D.O., pH	1994-97
Bayou Grand Caillou at Dulac, LA	292258090425500	(F)	Cl	1975-84
		(F)	Temp.	1978-84
Freshwater Canal near Forked Island, LA	293316092182000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Vermilion Bay, at Cypremort Point, near Louisa, LA	294110091533000	(F)	Cl	1975-76, 1978-79, 1981-82
		(F)	Temp.	1978-79, 1981-82
Schooner Bayou near Forked Island, West	294528092154800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Schooner Bayou near Forked Island, East	294528092154801	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock East, near Intracoastal City, LA	294700092114000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock West, near Intracoastal City, LA	294705092115300	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, south of Control Structure, near Grand Chenier, LA	295146092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, north of Control Structure, near Grand Chenier, LA	295148092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway at Gibbstown, LA	295600093053000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Chef Menteur Pass at Chef Menteur, LA	300404089482500	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Lake Pontchartrain, at New Orleans, LA, at Little Woods, LA	300434089564000	(F)	Cl	1975-78
		(F)	Temp.	1977-78
Intracoastal Waterway at Calcasieu Lock	300514093172800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Rigolets near Lake Pontchartrain, near Slidell, LA	301002089441300	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Lake Pontchartrain, near North Shore, near Slidell, LA	301108089503600	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Calcasieu River and Pass near Lake Charles, LA	301305093151200	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Calcasieu River, at mile 36.0, at Lake Charles, LA	301425093145000	(F)	Temp., Cl	1982
Calcasieu River, east of barrier, at Lake Charles, LA	301513093130500	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82
Calcasieu River, west of barrier, at Lake Charles, LA	301513093130600	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82

WATER RESOURCES DATA - LOUISIANA, 2002

INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with State agencies, obtains a large amount of data pertaining to the water resources of Louisiana each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data are published annually in this report series entitled "Water Resources Data - Louisiana."

This report includes records on both surface and ground water in the State. Specifically, it contains: (1) Discharge records for 85 streamflow-gaging stations, stage only for 79 gaging stations, for 183 partial-record or miscellaneous streamflow stations, and for 38 crest-stage, partial-record streamflow stations; (2) stage records for 7 lakes; (3) water-quality records for 39 streamflow-gaging stations, for 10 ungaged stream sites, and for 104 wells; and (4) water-level records for 300 observation wells. Quality assurance data in the form of blanks, replicate samples, and percent recovery of organics data have been collected and are available upon request.

This series of annual reports for Louisiana 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 Louisiana 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 2, 7, and 8." For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperatures, 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, Books and Open-File Reports Section, Federal Center, Building 810, Box 25425, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-02-1." 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, Virginia 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on back of title page or by telephone (225) 298-5481.

WATER RESOURCES DATA - LOUISIANA, 2002

COOPERATION

The U.S. Geological Survey and organizations of the State of Louisiana have had cooperative agreements for the systematic collection of streamflow records since 1938, for ground-water levels since 1936, and for water-quality records since 1943. Organizations that assisted in collecting data during this water year through joint-funding agreements with the Survey are:

Louisiana Department of Transportation and Development, Kam K. Movassaghi, Secretary.

Louisiana Department of Wildlife and Fisheries, James H. Jenkins Jr, Secretary.

Louisiana Department of Environmental Quality, J. Dale Givens, Secretary.

Louisiana Department of Natural Resources, Jack Caldwell, Secretary.

Louisiana Office of Emergency Preparedness, Brigadier General Bennett C. Landreneau, Director

Parish of Ascension, Harold Marchand, Parish President; Department of Public Works, Bill Roux, Director.

Caddo-Bossier Office of Emergency Prepardness, Chuck Mazzoiti, Director

City of Baton Rouge and Parish of East Baton Rouge, Bobby Simpson, Mayor-President; Department of Public Works, Fred Raiford, Director.

City of Shreveport, Keith Hightower, Mayor; Department of Operational Services, Mike Strong, Director.

City of West Monroe, Dave Norris, Mayor; Water Department, Don Hogan, Director.

Capital Area Ground Water Conservation Commission, Patrick Kerr, Chairman; Don Dial, Director.

Sabine River Compact Administration, composed of Dr. Doug Brandon, Acting Chairman, and William B. Lewis for Louisiana; Danny Choate and Frank Parker for Texas.

Amite River Basin Drainage and Water Conservation District, Roy E. Emmer, President; Dietmar Rietschier, Executive Director.

Lafayette Parish Bayou Vermilion District, Adele Minnard, President; Greg J. Guidroz, Jr., Acting Executive Director.

Bayou D'Arbonne Lake Watershed District, Tommy Grafton, President.

Parish of St. Tammany, Kevin Davis, Parish President; Department of Public Works, John Scurich, Director.

Parish of Tangipahoa, Office of Emergency Preparedness, John G. Ballard.

Terrebonne Levee & Conservation District, Jerome P. Zeringue, Executive Director.

Bayou Lafourche Fresh Water District, Archie P. Chaisson, Jr., Director.

Concordia Parish Police Jury, Charlie Blaney, President.

Assistance in the form of funds or services was provided by the New Orleans District and Vicksburg District of the U.S. Army Corps of Engineers in collection of records for stage and discharge stations and for water-quality stations published in this report.

Organizations that supplied data are acknowledged in the station descriptions.

WATER RESOURCES DATA - LOUISIANA, 2002

SUMMARY OF HYDROLOGIC CONDITIONS

Surface-Water Conditions

For the 2002 water year, rainfall totals were fairly normal compared to mean-annual rainfall totals, with five of nine rainfall regions having slightly lower than average rainfall totals and the remaining four regions having slightly higher than average. The statewide annual average rainfall was 57.50 in., which was 1.76 in. below the statewide 30-year average. January, February, April, May, and June had below normal average monthly rainfall; furthermore, February, April, and May had below normal average monthly rainfall for all rainfall regions within the State. During October, November, December, March, July, August, and September, the statewide average monthly rainfall was above normal; however, only October had above normal average monthly rainfall for all regions. Two index stations, Saline Bayou near Lucky and Calcasieu River near Oberlin, had annual mean discharges that were above the long-term annual mean discharge; whereas two other index stations, Amite River near Denham Springs and Pearl River near Bogalusa, had annual mean discharges that were below the long-term annual mean discharge (fig.1).

In October, the statewide average rainfall was 5.34 in., which was 1.64 in. above the 30-year average. This higher than average rainfall for October existed throughout all rainfall regions of the State, and all four index stations had monthly mean discharges for October that were higher than the long-term monthly mean discharges. In November, five of nine rainfall regions in the State had a rainfall average of 5.91 in., which was 1.33 in. above the 30-year average. The southeastern regions in the State had lower than average rainfall, resulting in two index stations in southeastern Louisiana having discharge lower than long-term monthly mean discharges. Amite River near Denham Springs had a record-low monthly mean discharge of 299 ft^3/s in November, which was 44 ft^3/s less than the previous record minimum of 343 ft^3/s in November 1940. Pearl River near Bogalusa had a monthly mean discharge in November of 2,885 ft^3/s, which was 1,315 ft^3/s below the 30-year average. The remaining two index stations within the western and northern regions had near normal discharge.

During the month of December, 5 of the 9 rainfall regions reported less than average rainfall. However, the statewide average rainfall for the month was 0.19 inches higher than the 30-year average. The three northern and the west-central rainfall regions had above average rainfall. Saline Bayou near Lucky had a record-high monthly mean discharge of 994 ft^3/s in December, which was 23 ft^3/s higher than the previous high of 971 ft^3/s in December of 1983. Only Amite River near Denham Springs, located in southeastern Louisiana, had below average discharge for December.

For the months of January through June, except March, the statewide average rainfall was below the 30-year average, whereas for March the statewide average monthly rainfall was 5.69 in., 0.37 in. above the 30-year average. During January and June, statewide average rainfall amounts were 4.26 in. and 4.78 in., which were 1.59 in. and 0.41 in. below the 30-year averages. February, April, and May had below average rainfall reported in all rainfall regions and had statewide average rainfall amounts of 1.76 in., 1.24 in., and 3.02 in. below the 30-year averages for these months. For January through March, higher than average monthly mean discharge was recorded only at Saline Bayou near Lucky. During April, Calcasieu River near Oberlin and Pearl River near Bogalusa had below average discharge, while Saline Bayou near Lucky and Amite River at Denham Springs had above average discharge. All four index stations had below average discharge for May through July.

In the month of July, six of the nine rainfall regions had above average rainfall; however, all four index stations had less than average discharge for the month. The statewide average rainfall for July was 5.55 in., which was 0.44 in. above the 30-year average. Both August and September had above average rainfall, with an even distribution throughout all nine regions. Statewide average rainfall for August and September was 0.65 in. and 1.63 in. above the 30-year averages, respectively. For both August and September, Calcasieu River near Oberlin and Saline Bayou near Lucky had below average discharge, whereas Amite River at Denham Springs and Pearl River near Bogalusa had above average discharge.

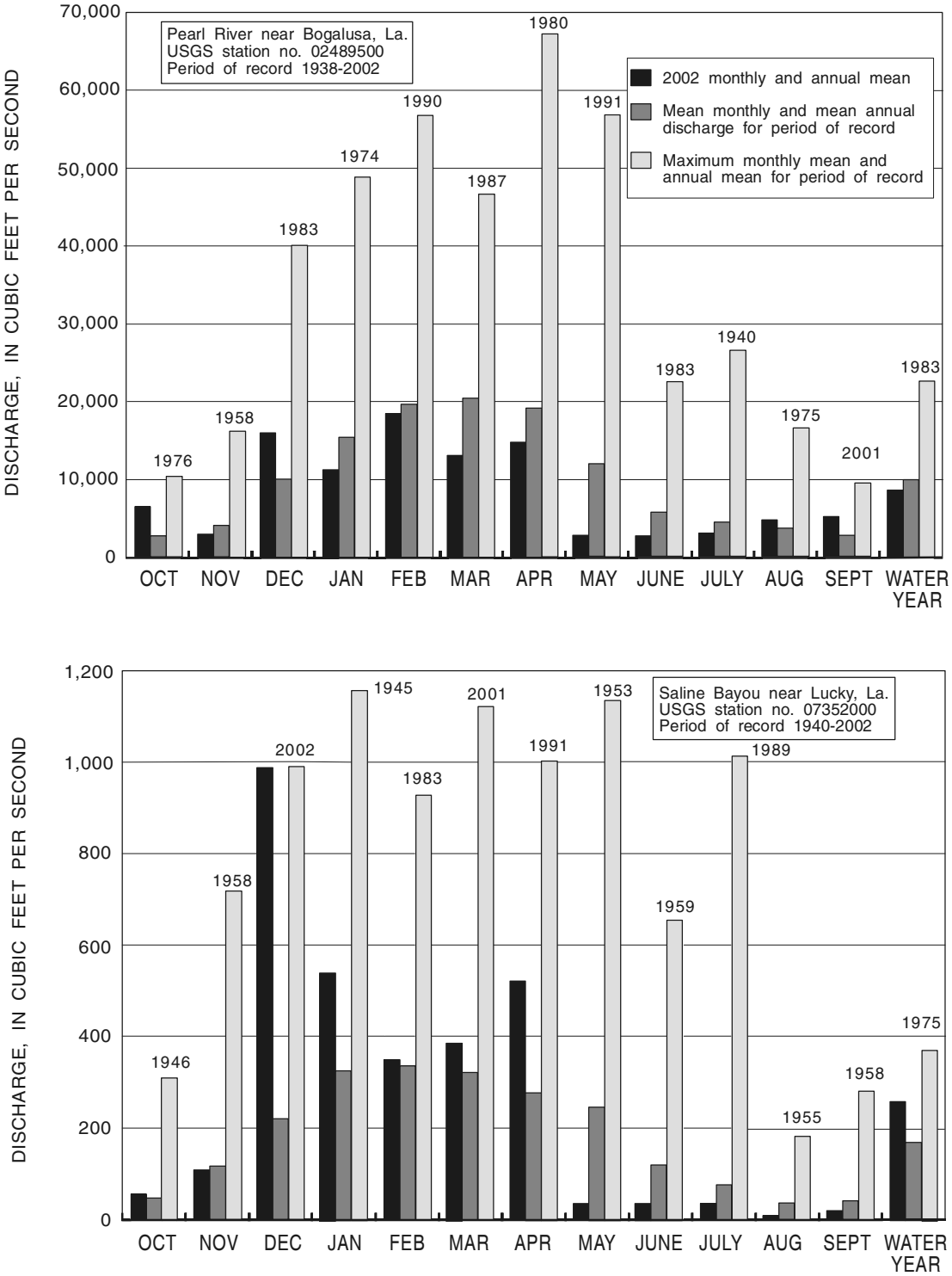
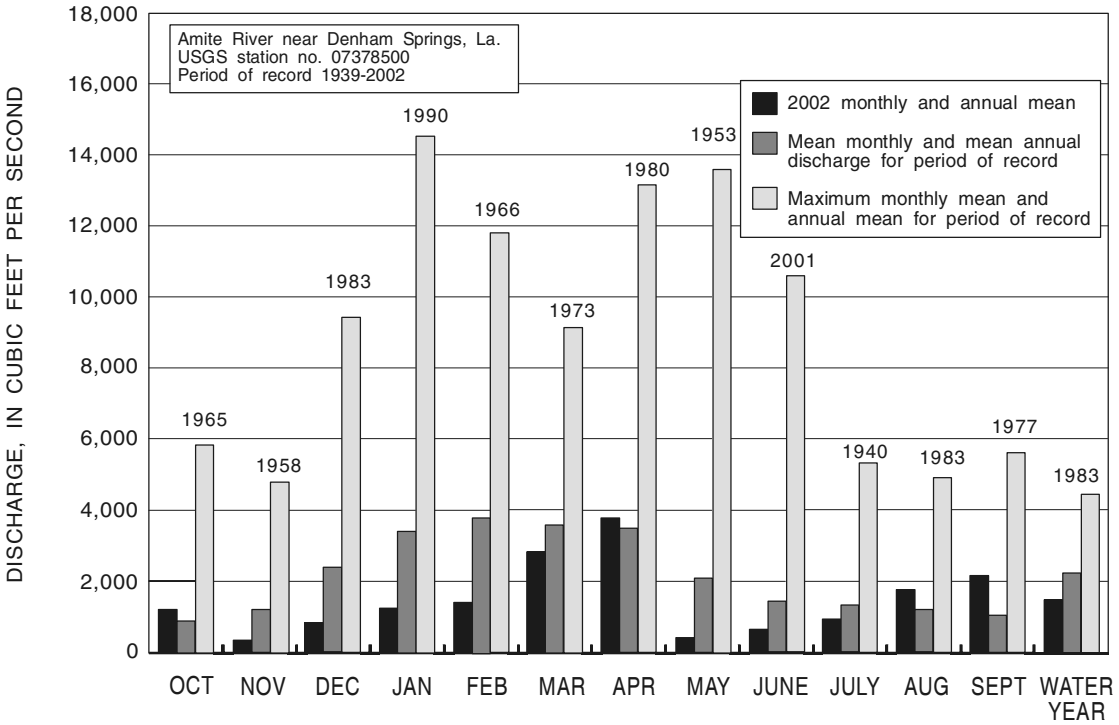


Figure 1. Comparison of discharge during the 2002 water year with mean and maximum discharge for the period of record at four representative gaging stations.



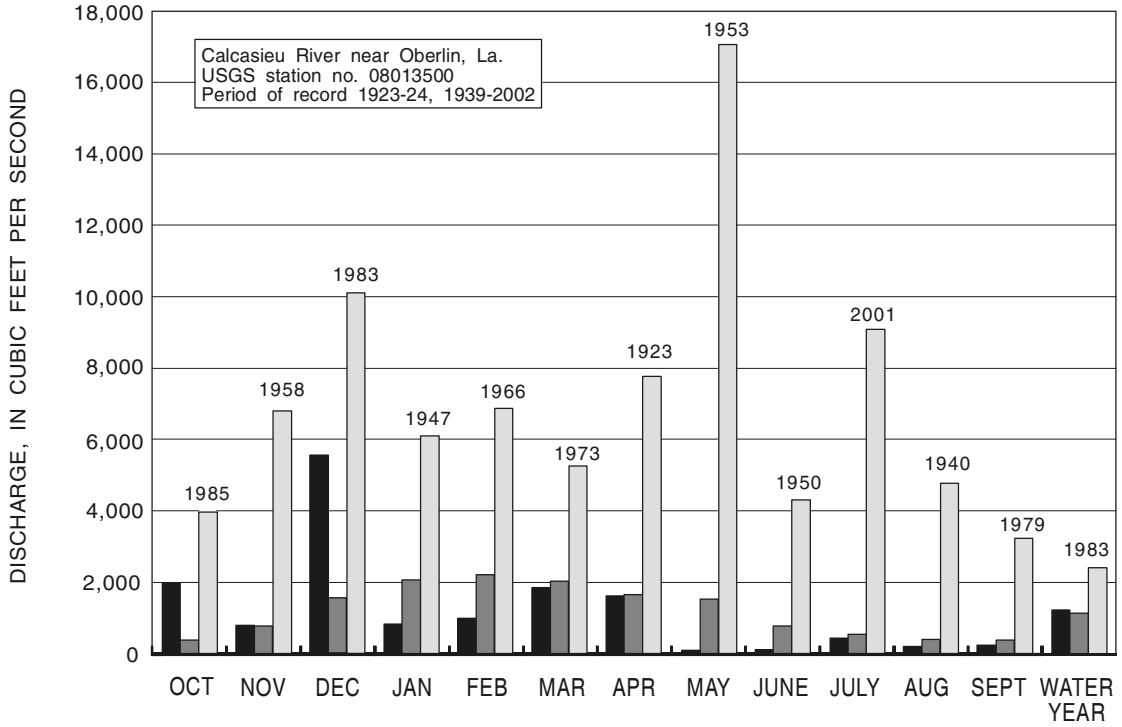


Figure 1. Comparison of discharge during the 2002 water year with mean and maximum discharge for the period of record at four representative gaging stations--Continued.

Surface-Water Quality

During the 2002 water year, samples generally were collected bimonthly or monthly at 17 selected sites along 11 streams and rivers throughout the State (fig. 12). Continuous records of temperature and specific conductance were collected at 40 sites. Suspended-sediment samples also were collected on a bimonthly or monthly basis from the Mississippi and Atchafalaya Rivers.

Measured water temperatures ranged from 6.9 to 31.5^{o} Celsius, and dissolved-oxygen concentrations ranged from 0.3 to 16.8 mg/L (milligrams per liter). Dissolved-oxygen concentrations less than 1.0 mg/L were measured at Bayou Lacassine and the Mermentau River infrequently during the spring or summer months. Dissolved-solids concentrations in water samples ranged from 43 to 481 mg/L, and specific conductance values ranged from 38 to 914 µS/cm (microsiemens per centimeter at 25° Celsius). The pH of water samples ranged from 6.3 to 8.5.

Suspended-sediment samples were collected at several sites along the Atchafalaya and Mississippi Rivers (fig. 12), and suspended-sediment loads were calculated based on the samples and discharge data. The minimum sediment load was 6,390 tons per day at the Wax Lake Outlet near Calumet, and the maximum sediment load was 1,340,000 tons per day at the Mississippi River near Black Hawk, La.

Ground-Water Levels

During the 2002 water year, October 1, 2001, through September 30, 2002, water levels were monitored in approximately 300 network wells throughout the State. The Sparta aquifer in northern Louisiana, the Chicot aquifer system in southwestern Louisiana, the Mississippi River alluvial aquifer, and aquifers in southeastern Louisiana, were the most heavily pumped aquifers in the State. Water-level declines continued in wells screened in the Sparta aquifer, the Chicot aquifer system, and the aquifers in southeastern Louisiana. In Louisiana, water levels in wells rise and fall during the year in response to seasonal climate patterns and in response to seasonal withdrawals such as irrigation. Continuous long-term water-level declines (declines over several years) occur in aquifers with large sustained withdrawals. Water-level data from wells may show seasonal declines, long-term declines, or a combination of both.

Water levels in many wells completed in the Sparta aquifer continued to decline 1 ft/yr (foot per year) or more during the 2002 water year. Water levels, as shown on hydrographs of wells Bi-144, Bienville Parish, pg. 543, Ja-147, Jackson Parish, pg. 587, and Un-26, Union Parish, pg. 636, are generally representative of long-term declines due to large ground-water withdrawals from the Sparta aquifer. Water levels in the Sparta aquifer can fluctuate seasonally as shown on the hydrograph of well Wb-399, Webster Parish, pg. 646. During the 2002 water year, water levels in some wells completed in the Sparta aquifer showed no decline or slight recoveries as shown on hydrographs for wells, Mo-5, Morehouse Parish, pg. 597, Ou-80, Ouachita Parish, pg. 604, and Cl-149, Claiborne Parish, pg. 553.

Water levels in some wells completed in the Chicot aquifer system continued long-term declines of about 2 ft/yr or less due to withdrawals for irrigation. Water-level fluctuations of 10 ft (feet) or more in the Chicot aquifer system were due mostly to seasonal pumpage for irrigation. Hydrographs for wells Ev-229, Evangeline Parish, pg. 581, and JD-485A, Jefferson Davis Parish, pg. 590, show both long-term declines and seasonal fluctuations.

In East and West Baton Rouge, East and West Feliciana, and Pointe Coupee Parishes, water levels were monitored in 68 wells completed in locally named aquifers. Water levels continued to decline at rates of 1 ft/yr or more in some of the wells monitored, especially wells screened in the “1,200-foot” or “1,500-foot” sands of the Baton Rouge area (see hydrographs for wells EB-146, East Baton Rouge Parish, pg. 557, EB-327, pg. 560, EB-392, pg. 561, EB-917, pg. 570, EB-946, pg. 573, and EB-1294, pg. 578). However, water levels may be recovering in other wells, possibly as a result of reduced withdrawals in the Baton Rouge area. Water-levels shown in hydrographs for wells, EB-297, East Baton Rouge Parish, pg. 558, EB-304, pg. 559, EB-581, pg. 562, and EB-805, pg. 566, EF-223, East Feliciana Parish, pg. 580, WF-274, West Feliciana Parish, pg. 657, indicate little if any change during the 2002 water year.

In the parishes south of Baton Rouge, water levels in monitor wells fluctuated seasonally with little long-term change. Seasonal fluctuations in water levels, due to pumpage and the stage of the Mississippi River, generally were less than 30 ft.

Ground-Water Quality

During the 2002 water year, chloride concentrations in water from most monitor wells completed in the Mississippi River alluvial aquifer in northern Louisiana remained unchanged or decreased slightly. However, chloride concentrations continued to increase in wells Co-205, Concordia Parish (fig. 2a), and Ri-124, Richland Parish (fig. 2a), At monitor wells completed in the Sparta aquifer, chloride concentration increased in well W-144B, Winn Parish (fig. 2a), but remained unchanged in most other wells (see fig. 2b, graph for well W-179, Winn Parish).

Chloride concentrations in water from wells completed in the upper sand of the Chicot aquifer system along the freshwater-saltwater interface in southwestern Louisiana changed little during the water year. A long-term increase in chloride concentrations in the “200-foot” sand (Chicot aquifer) of the Lake Charles area continued, as shown in the graph for well Cn-92, Cameron Parish (fig. 2b).

In the Baton Rouge area, chloride concentrations in water from most monitor wells remained constant or continued previous increasing trends. Chloride concentrations in water from wells EB-621, East Baton Rouge Parish (fig. 2b), EB-804B (fig. 2c), and EB-918 (fig. 2c), continued to increase. These wells are screened in some of the most heavily pumped aquifers in the Baton Rouge area.

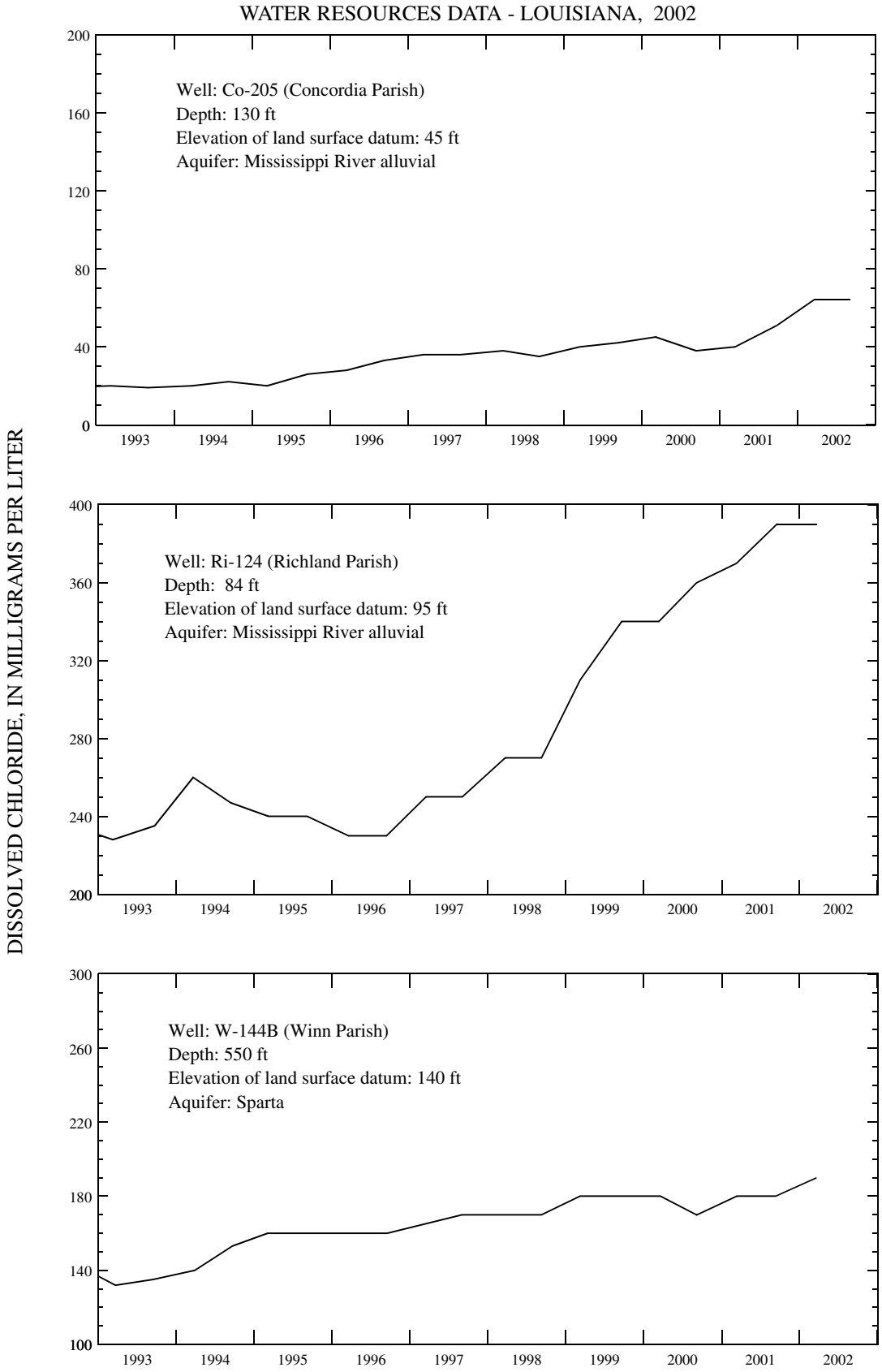


Figure 2a. Chloride concentrations for wells Co-205, Ri-124, and W-144B.

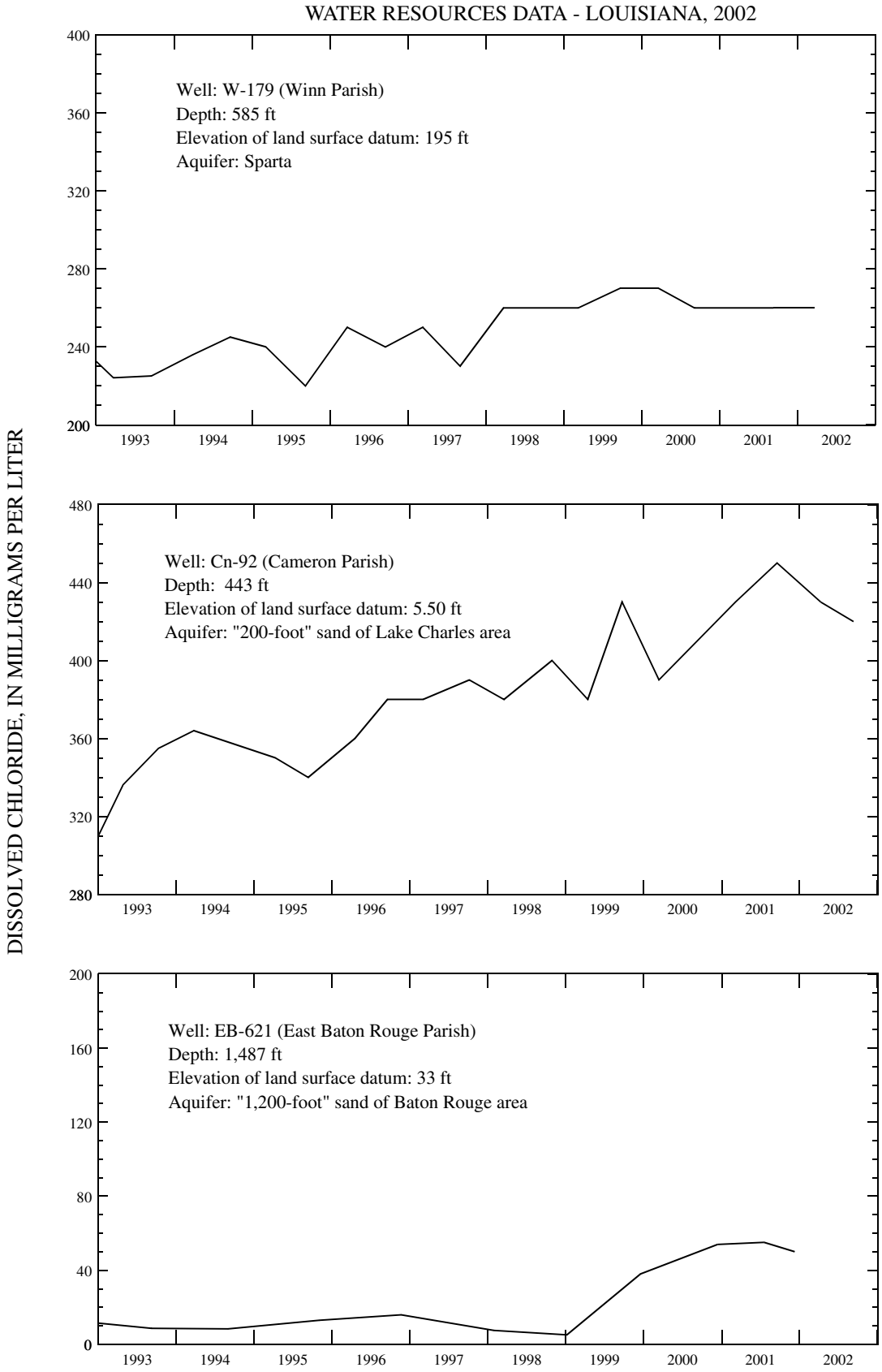


Figure 2b. Chloride concentrations for wells W-179, Cn-92, and EB-621.

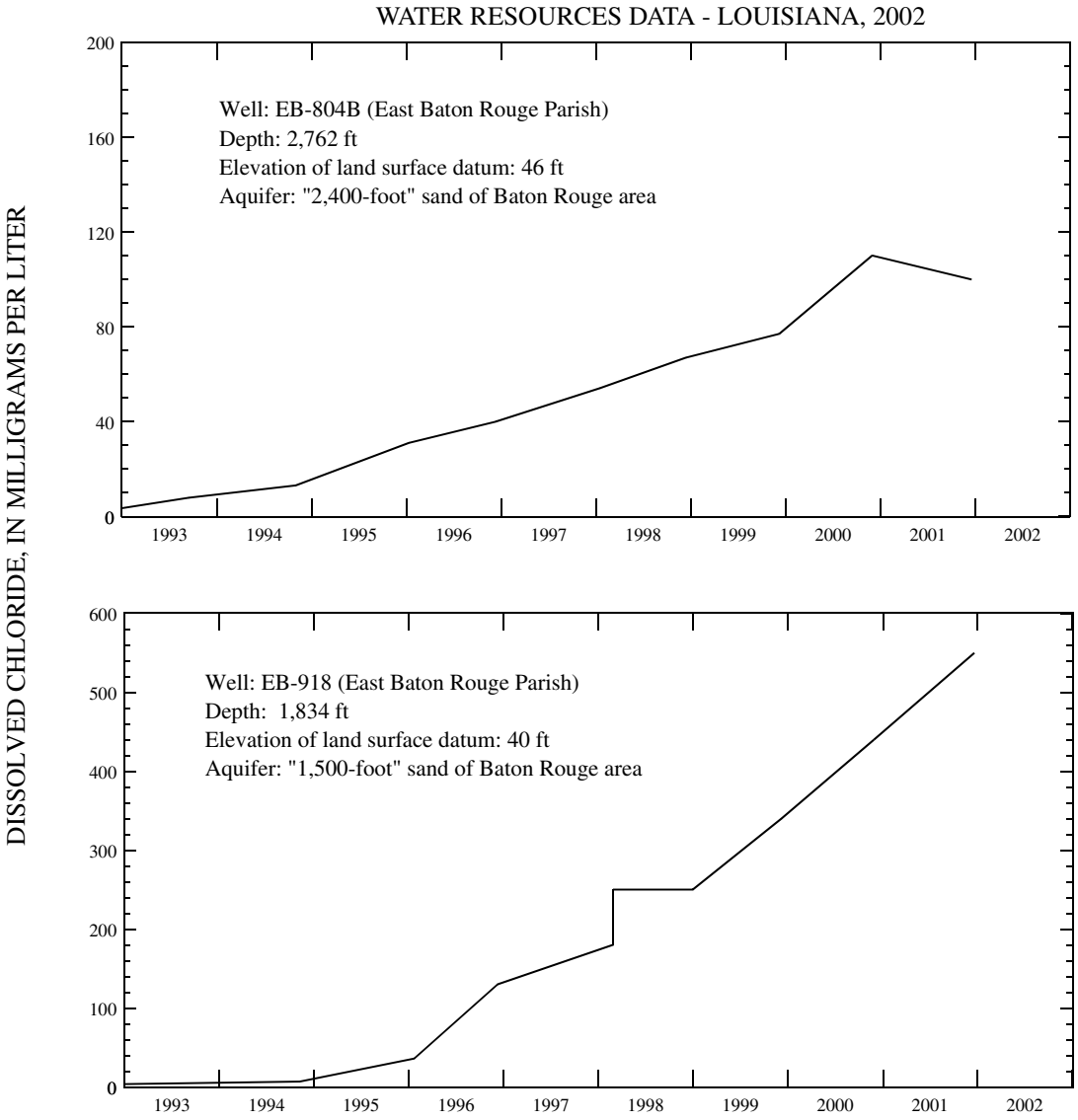


Figure 2c. Chloride concentrations for wells EB-804B and EB-918.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 50 sites in small drainage basins around the country whose purpose is to provide consistent data on the streamflow representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by human activities. At 10 of these sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the affects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program can be found at:

http://water.usgs.gov/hbn/

National Stream-Quality Accounting Network (NASQAN) monitors the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations were operated in the Mississippi, Columbia, Colorado, and Rio Grande. From 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia so that a network of 5 stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program can be found at:

http://water.usgs.gov/nasqan/

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) 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 a network of 225 precipitation chemistry monitoring 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 all data from the individual sites, can be found at:

http://bqs.usgs.gov/acidrain/

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

Assessment activities are being conducted in 59 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

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

http:/water.usgs.gov/nawqa/

EXPLANATION OF THE RECORDS

The surface-water and ground-water records published in this report are for the 2002 water year that began October 1, 2001, and ended September 30, 2002. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage data for lakes, water-quality data for surface and ground water, and ground-water-level data. The locations of the stations and wells where the data were collected are shown in figures 4-19. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station, whether stream site or well, in this report is assigned a unique identification number. This number is unique in that it applies specifically to a given station and to no other. The number usually is assigned when a station is first established and is retained for that station indefinitely. The systems used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground-water well sites differ, but both are based on geographic location. The "downstream order" system is used for regular surface-water stations and the "latitude-longitude" system is used for wells and, in Louisiana, for surface-water stations where only miscellaneous measurements are made.

Downstream Order System

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

The station identification number is assigned according to downstream order. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete eight- to fourteen-digit number for each station such as 02489500000000, which appears just to the left of the station name, includes the two-digit Part number "02" plus the six- to twelve-digit downstream order number "489500000000." The Part number designates the major river basin; for example "02" is the South Atlantic Slope and Eastern Gulf of Mexico.

Latitude-Longitude System

The identification numbers for wells and miscellaneous surface-water sites are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a one-second grid. This site-identification number, once assigned, is a pure number, and has no locational significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description. (See figure 3). In Louisiana, wells are further identified by a local well number that consists of a letter code that identifies the parish in which the well is located, followed by a serial number assigned when the well was inventoried.

Records of Stage and Water Discharge

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

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous discharge measurements or of measurements from special studies, such as low-flow seepage studies, may be considered as partial records, but they are presented separately in this report. Location of all complete-record and crest-stage partial-record stations for which data are given in this report are shown in figures 4-11.

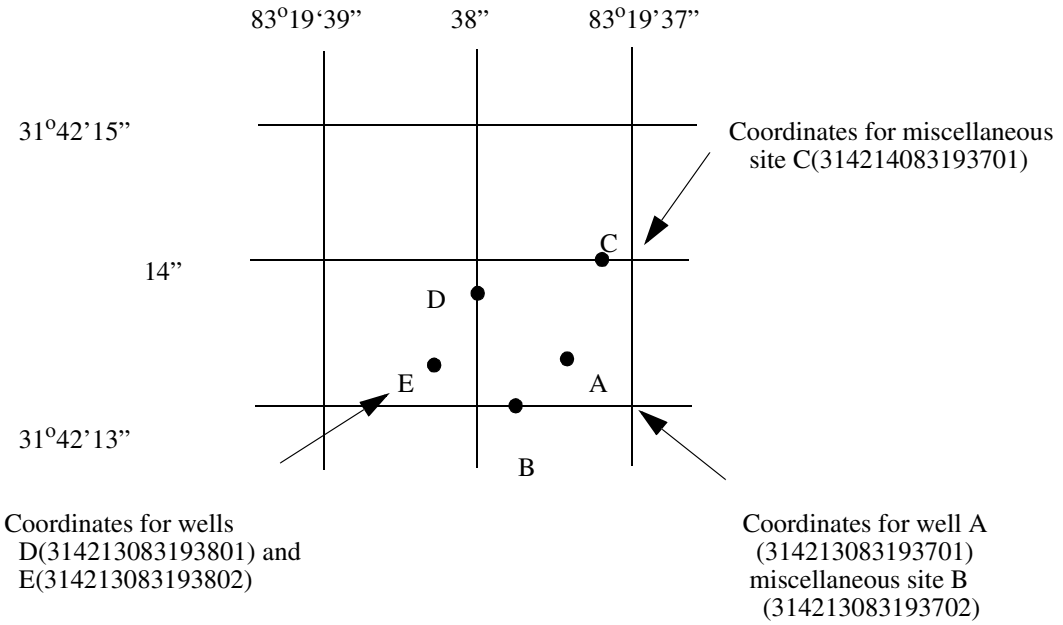


Figure 3. System for numbering wells and miscellaneous sites (latitude and longitude).

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a continuous record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relationships between stage and discharge. These data, together with supplemental information, such as weather records, are used to compute daily discharges. The data obtained at a complete-record gaging station on a lake or reservoir consist of a record of stage and of notations regarding factors that may affect the relationship between stage and lake content. These data are used with stage-area and stage-capacity curves or tables to compute water-surface areas and lake storage.

Continuous records of stage are obtained with data recorders that store stage values at selected time intervals. Measurements of discharge are made with current meters using methods adapted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations (TWRI's) Book 3, Chapter A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO),.

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope-area or contracted-opening measurements, and computations of flow-over-dams or weirs; or (4) step-backwater technique

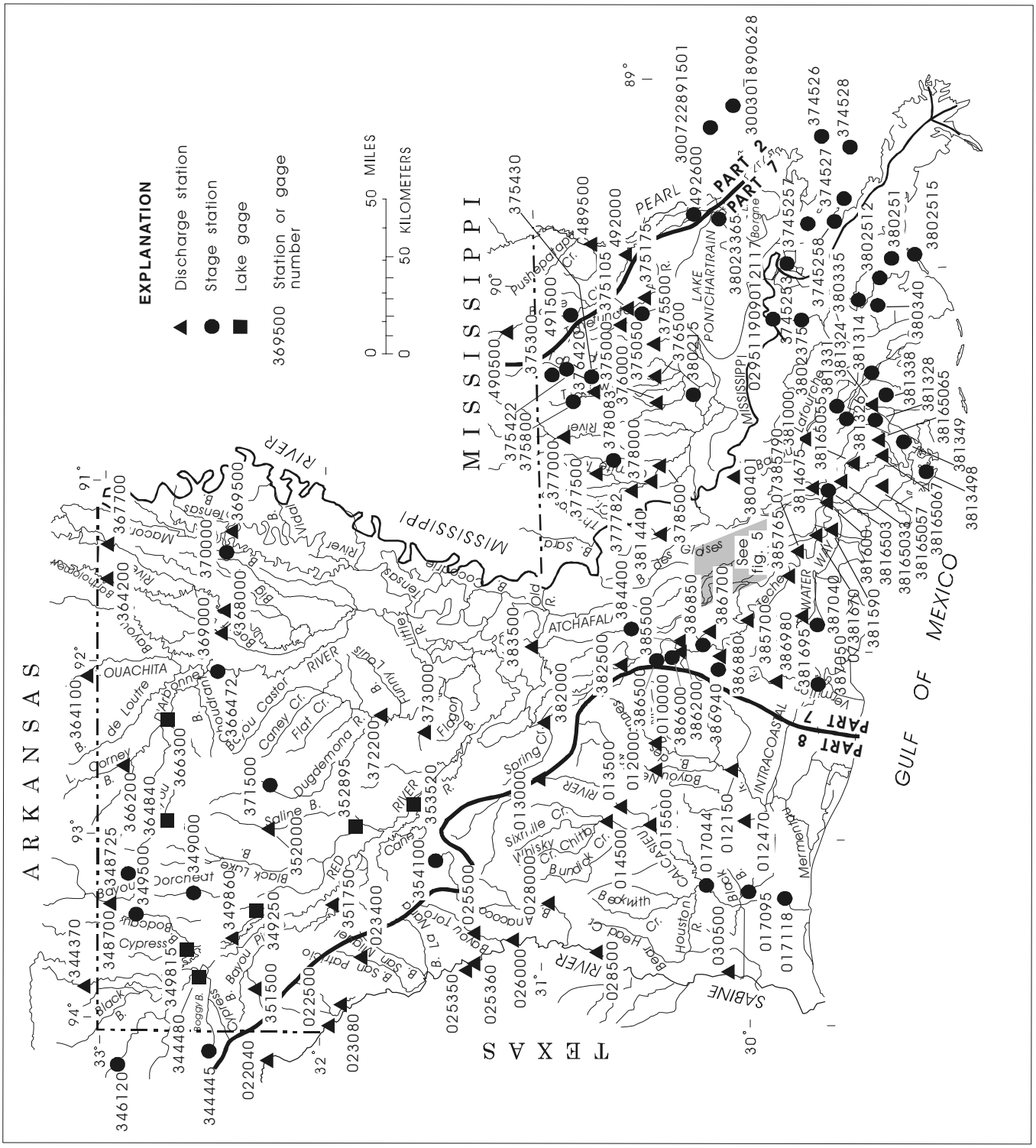


Figure 4. Location of continuous gaging stations.

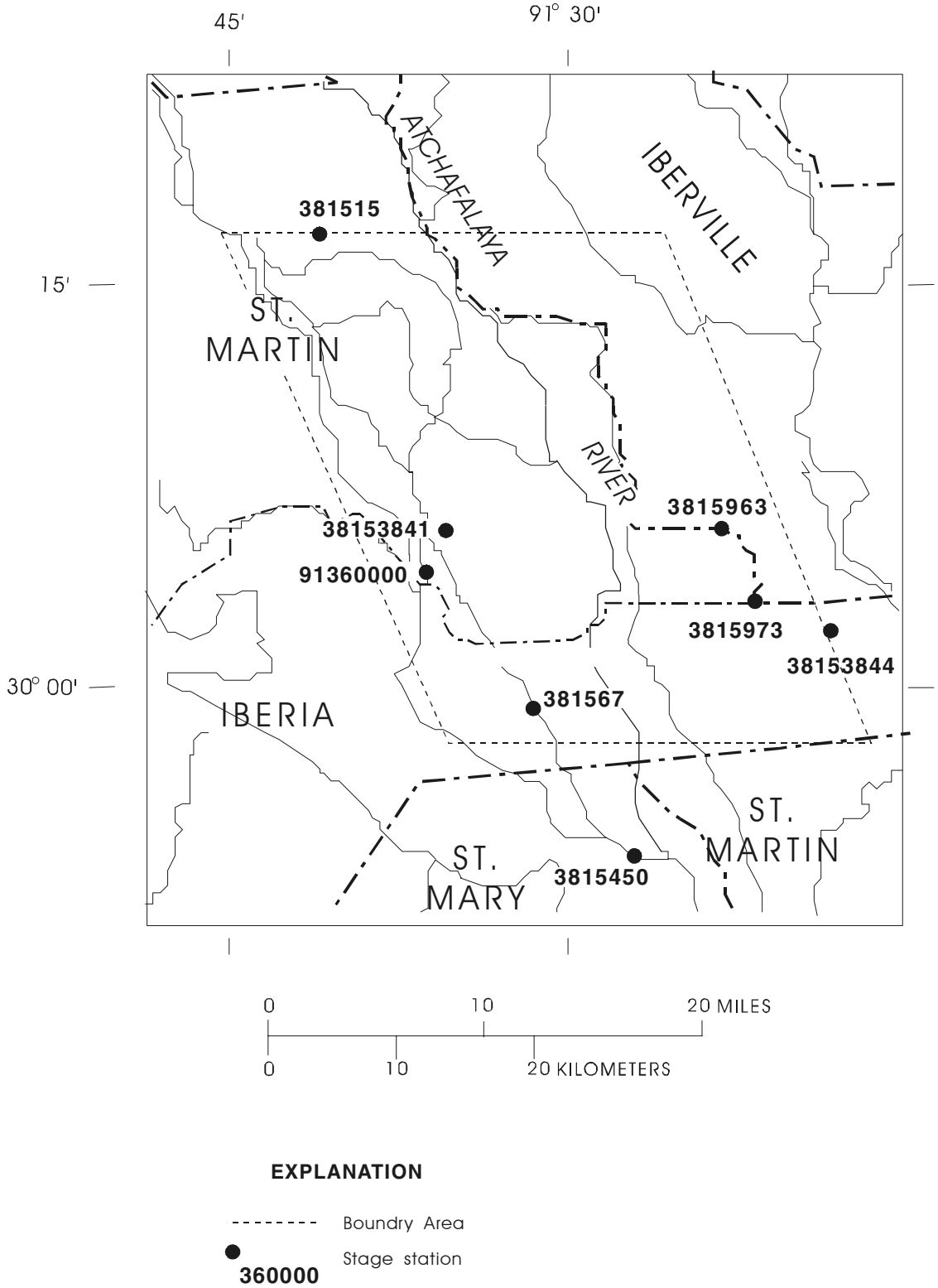


Figure 5. Location of stage stations in the Atchafalaya River Basin (shaded area of fig. 4).

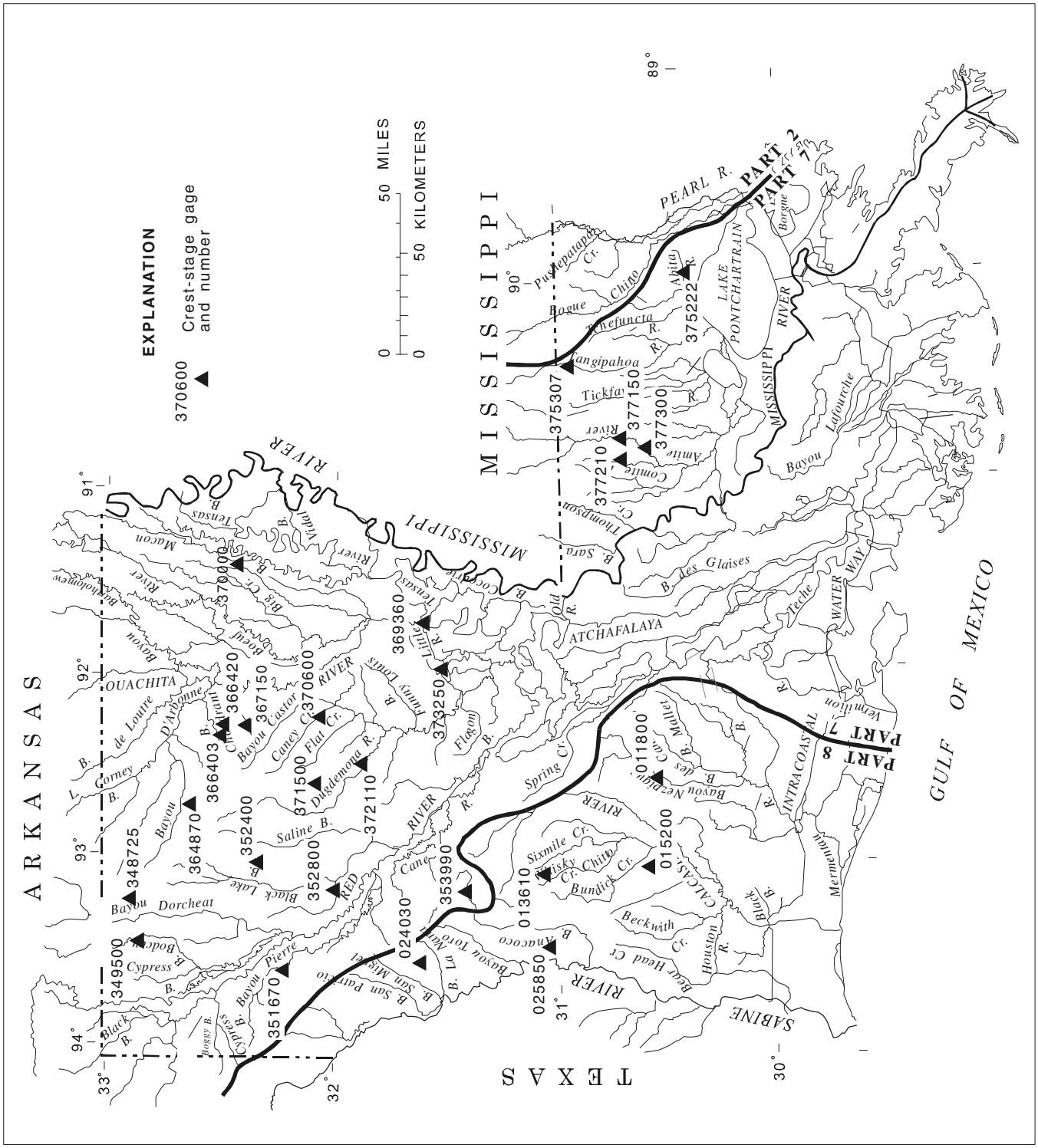


Figure 6. Location of crest-stage stations

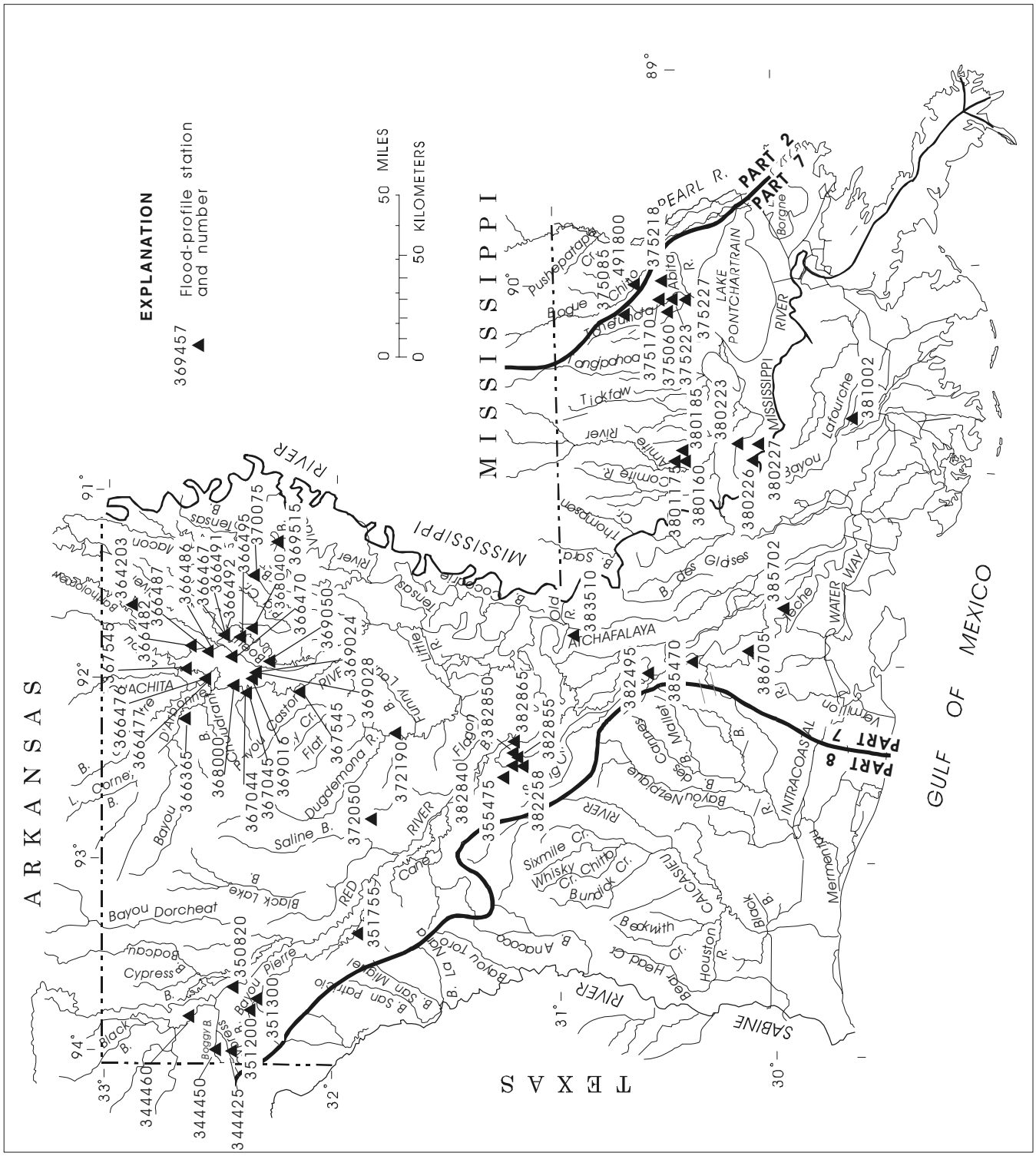


Figure 7. Location of flood-profile stations.

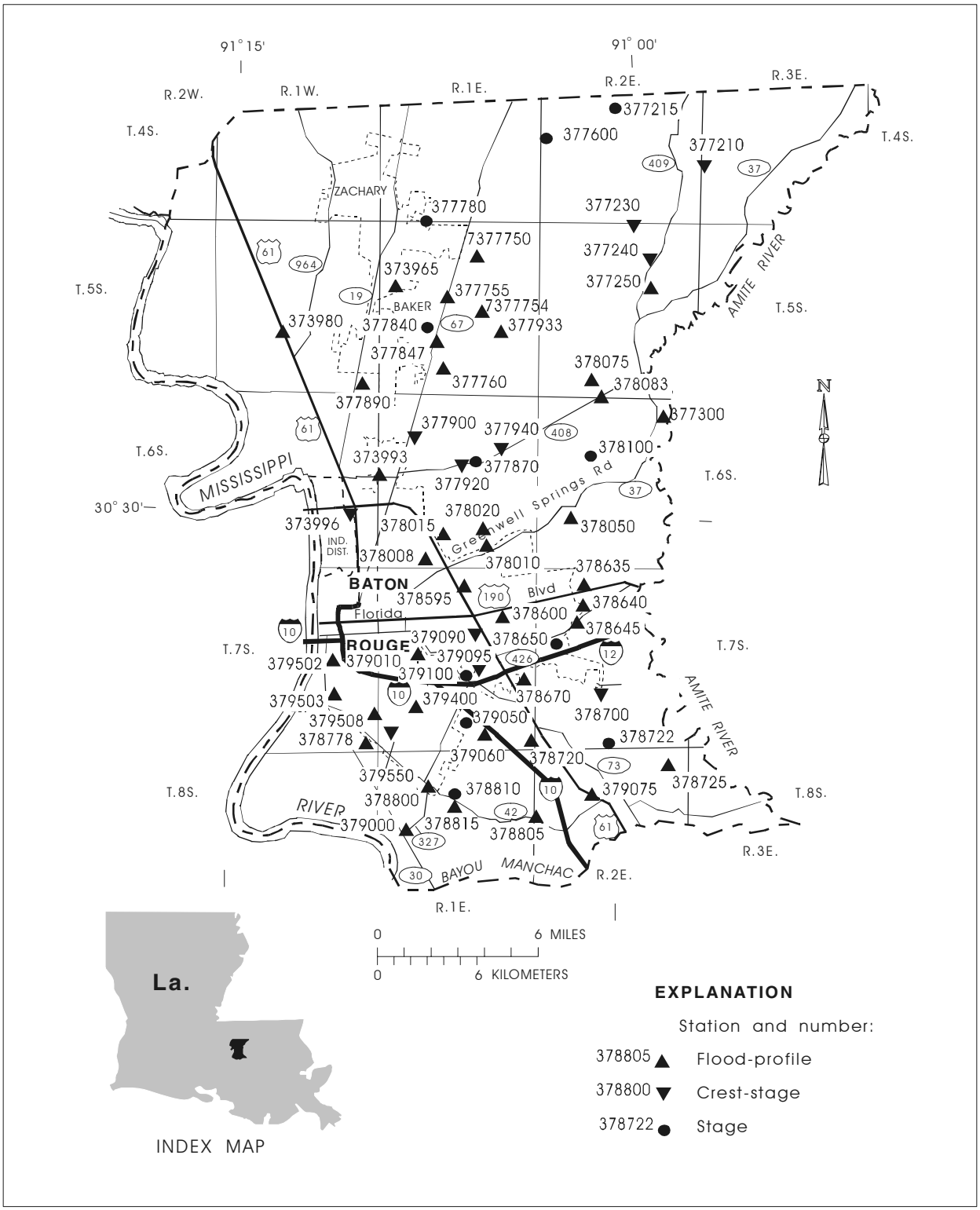


Figure 8. Location of flood-profile and crest-stage stations in East Baton Rouge Parish.

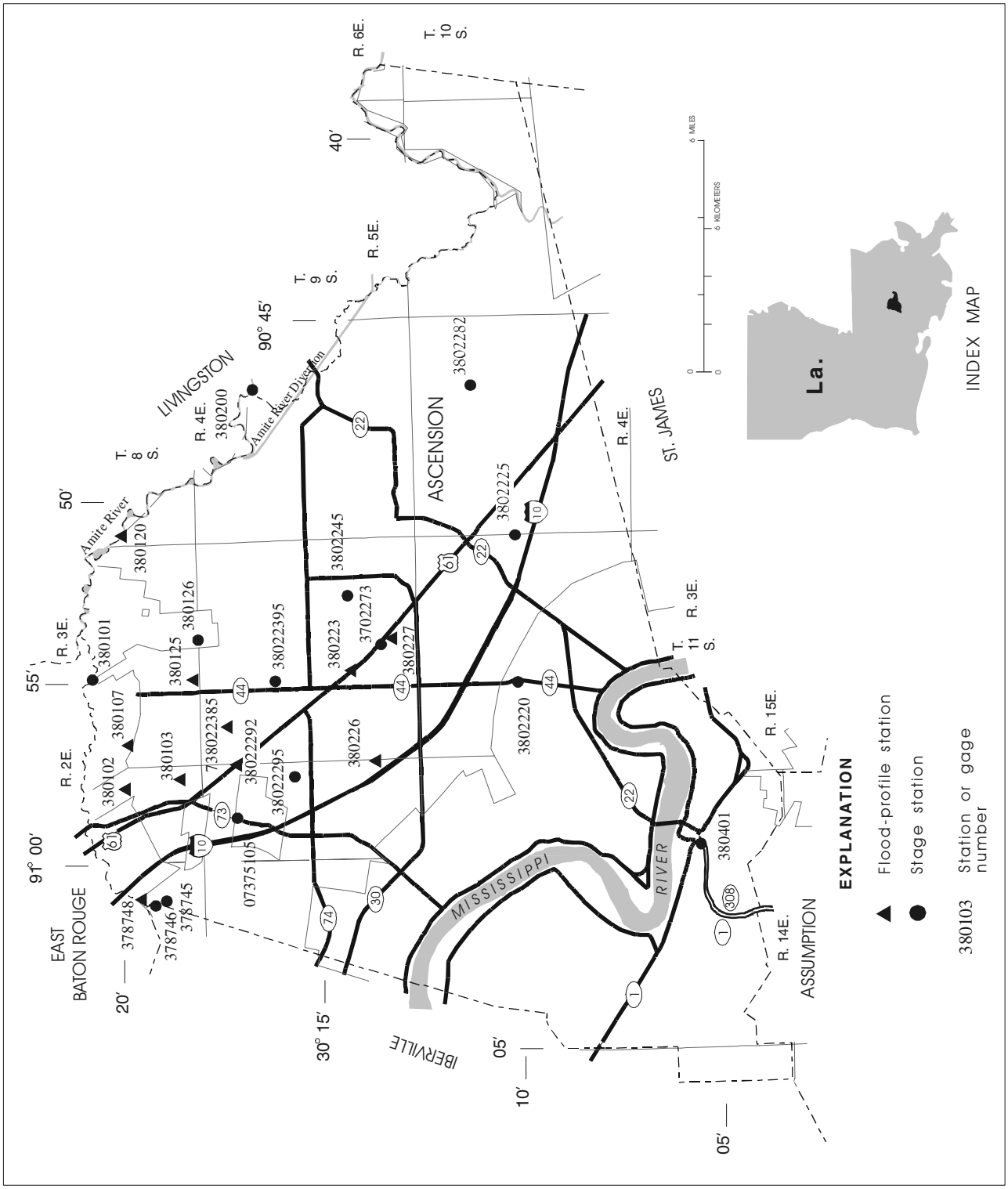


Figure 9. Location of continuous stage and flood-profile stations in Ascension Parish.

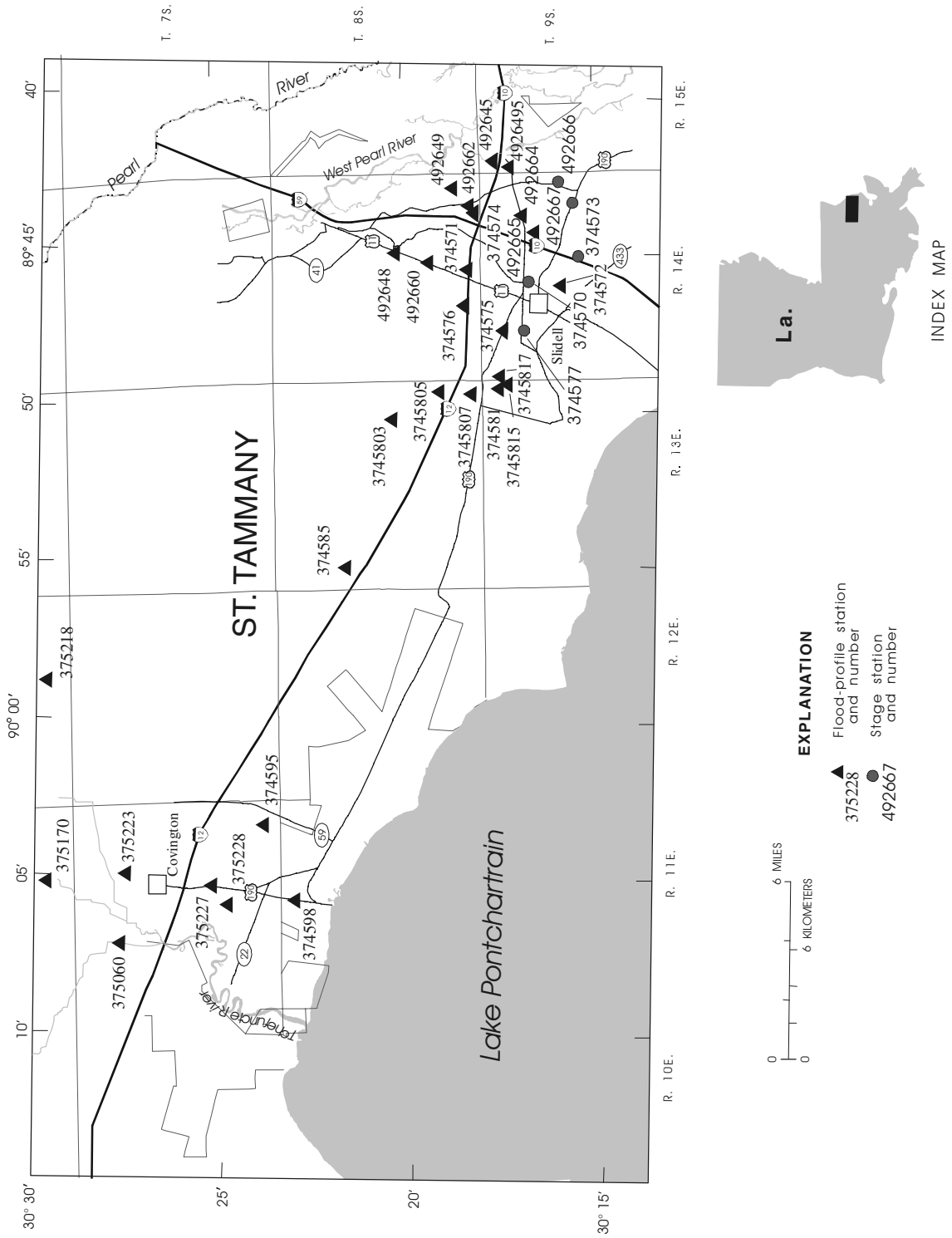


Figure 10. Location of flood-profile stations in St. Tammany Parish.

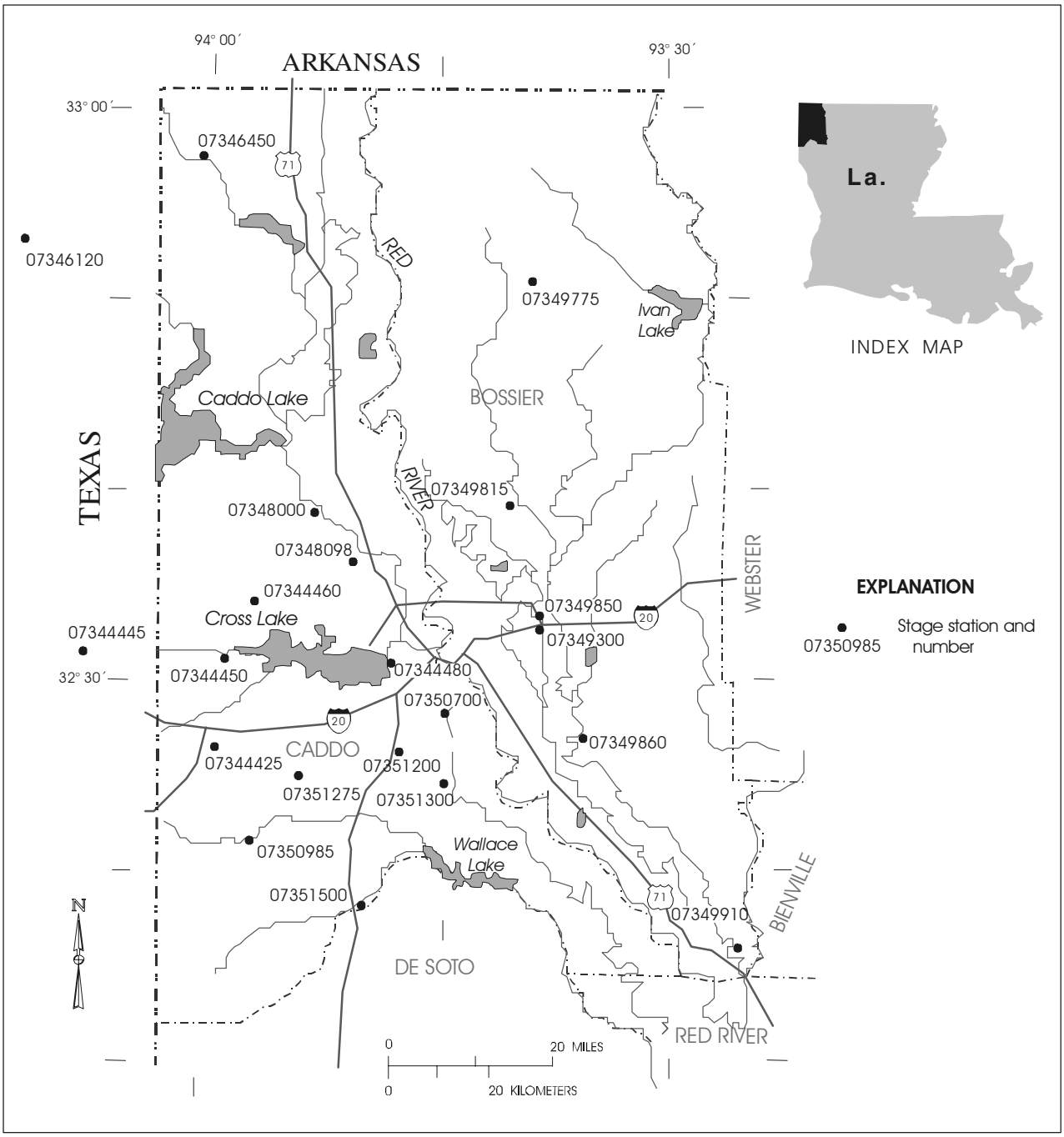


Figure 11. Location of stage stations in Caddo and Bossier Parishes.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on the individual discharge measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method also is used if the stage discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

In computing records of lake or reservoir contents, it is necessary to have available from surveys, curves or tables defining the relationship of stage and content. The application of stage to the stage-content curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-content relationship changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relationship. Even when this is done, the contents computed may become increasingly in error as time since the last survey increases. Discharges over lake or reservoir spillways are computed from stage-discharge relationships much as other stream discharges are computed.

For some gaging stations there are periods when no gage-height record is obtained, or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated from the recorded range in stage, previous or following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise, daily contents may be estimated from operator's logs, previous or following record, inflow-outflow studies, and other information. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Data Presentation

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1991 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a plot program to reformat the annual water-data report to meet current user needs and data preferences.

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

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 to follow clarify information presented under the various headings of the station description.

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gage with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.--This indicates the period for which there are published records for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not, and whose location was such that flow at it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Because of new information, published records, occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage, and a condensed history of the types, locations, and datums of previous gages are given under this heading. The datum of the current gage referred to in this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929. (See gage in section "Definition of Terms.)

REMARKS.--All periods of estimated daily-discharge will be flagged in the daily discharge table. (See next section, "Identifying Estimated Daily Discharge.") The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

COOPERATION.--Records provided by a cooperating organization or obtained for the U.S. Geological Survey by a cooperating organization are identified here.

AVERAGE DISCHARGE.--The discharge value given is the arithmetic mean of the water-year mean discharges. It is not computed for stations where diversions, storage, or other water-use practices cause the value to be meaningless. If water developments significantly altering flow at a station are put into use after the station has been in operation for a period of years, a new average is computed as soon as 5 water years of record have accumulated following the development. The median of yearly mean discharges also is given under this heading for stations having 10 or more water years of record, if the median differs from the average given by more than 10 percent.

EXTREMES FOR PERIOD OF RECORD.--Extremes may include maximum and minimum stages and maximum and minimum discharges or content. Unless otherwise qualified, the maximum discharge or content is the instantaneous maximum corresponding to the highest stage that occurred. The highest stage may have been obtained from a graphic or digital recorder, a crest-stage gage, or by direct observation of a nonrecording gage. If the maximum stage did not occur on the same day as the maximum discharge or content, it is given separately. Similarly, the minimum is the instantaneous minimum discharge, unless otherwise qualified, and was determined and is reported in the same manner as the maximum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

EXTREMES FOR CURRENT YEAR.--Extremes given here are similar to those for the period of record, except the peak discharge listing may include secondary peaks. For stations meeting certain criteria, all peak discharges and stages occurring during the water year and greater than a selected base discharge are presented under this heading. The peaks greater than the base discharge, excluding the highest one, are referred to as secondary peaks. Peak discharges are not published for canals, ditches, drains, or streams for which the peaks are subject to substantial control by man. The time of occurrence for peaks is expressed in 24-hour local standard time. For example, 12:30 a.m. is 0030, and 1:30 p.m. is 1330. The minimum for the current water year appears below the table of peak data.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possible, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the District office to determine if the published records were ever revised after the station was discontinued. Of course, if the data were obtained by computer retrieval, the data would be current and there would be no need to check because any published revision of data is always accompanied by revision of the corresponding data in computer storage.

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

The daily table for stream-gaging stations gives mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also is usually expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN."), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion or if the drainage area includes large noncontributing areas. In the yearly summary below the monthly summary, the figures shown are the appropriate discharges for the calendar and water years. At some stations monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversions or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

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

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

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

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

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

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

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

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

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

MAXIMUM PEAK STAGE.--The maximum instantaneous peak stage occurringfor 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 provide further information.

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

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

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

Cubic foot per second (FT^3/S, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

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

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

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

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

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

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of annual maximum stages at flood-profile 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 generally made in time of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous site.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated".

Accuracy of the Records

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 station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily mean discharges are within 5 percent; "good" within 10 percent' and "fair" within 15 percent. "Poor" means that daily mean discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second (ft^3/s) for discharges of less than 1 ft^3/s; to tenths between 1.0 and 10 ft^3/s; to whole numbers between 10 and 1,000 ft^3/s; and to 3 significant figures above 1,000 ft^3/s. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

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

Other Records Available

Information used in the preparation of the records in this publication, such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables are on file in the Louisiana District office. Also, most of the daily mean discharges are in computer-readable form and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the District office.

Records of Surface-Water Quality

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A *continuing-record station* is a site where data are collected on a regularly scheduled basis. Frequency may be once or more times daily, weekly, monthly, or quarterly. A *partial-record station* is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A *miscellaneous* sampling site is a location other than a continuing or partial-record station, where random samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between "continuing records" as used in this report and "continuous recordings," which refers to a continuous record of stored values at selected time intervals. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figure 12.

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 collections. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern needs to be assuring that the data obtained represent the in situ quality of the water. To assure this, certain measurements, such as water temperature, pH, and dissolved oxygen, need to be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the in situ water, carefully prescribed procedures need to be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on-site measurements and for collecting, treating, and shipping samples are detailed in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These references are listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards. Also, detailed information on collecting, treating, and shipping samples may be obtained from the Geological Survey District Office.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load. All samples obtained for the National Stream Quality Accounting Network (see definitions) are obtained from at least several verticals. Whether samples are obtained from the centroid of flow or from several verticals, depends on flow conditions and other factors which must be evaluated by the collector.

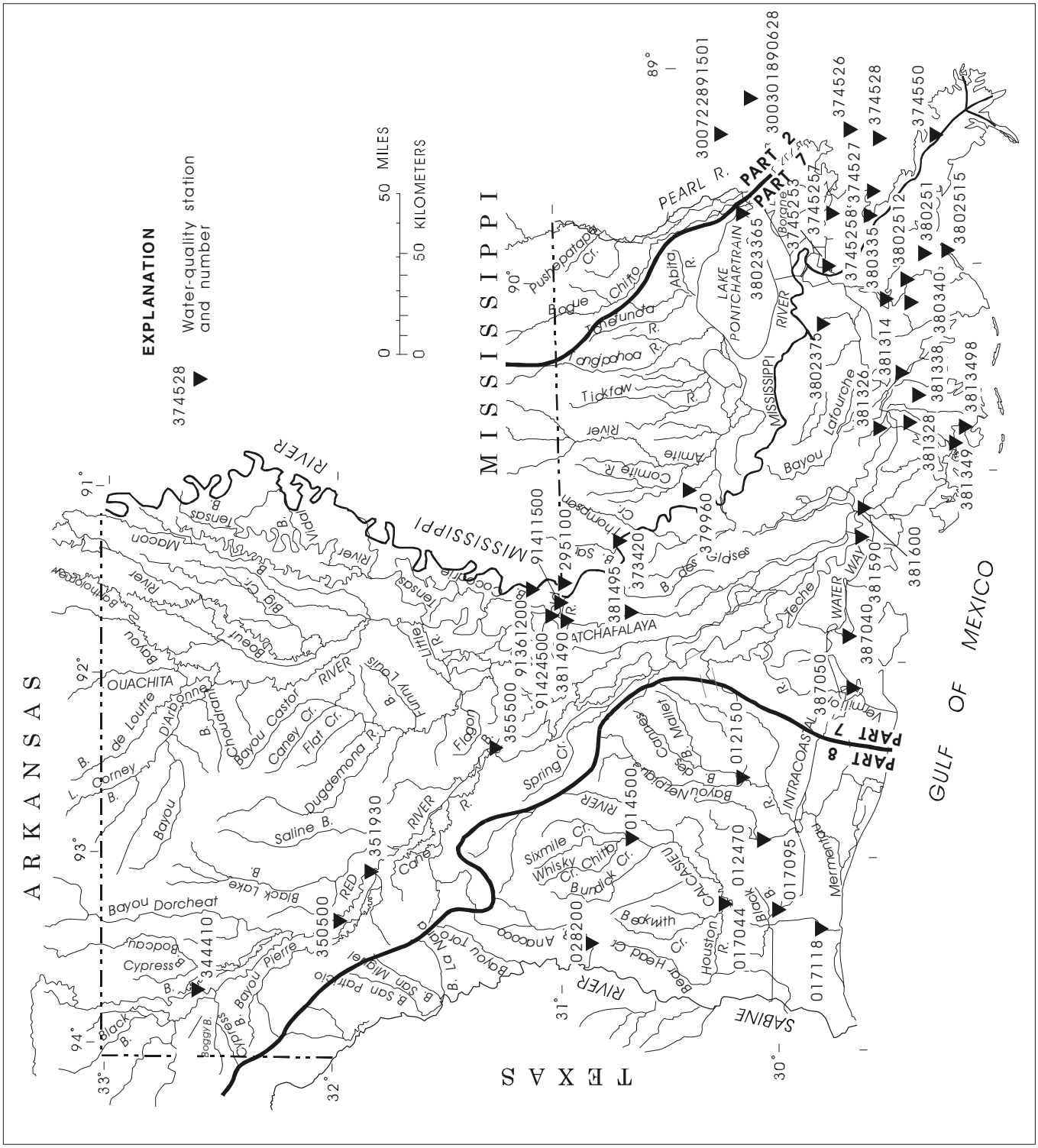
Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis.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

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the USGS District Office whose address is given on the back of the title page of this report.

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. 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 discharge.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published.


EXPLANATION
374528
Water-quality station and number
0
50 MILES
0
50 KILOMETERS
ARKANSAS
TEXAS
MISSISSIPPI
GULF OF MEXICO
PART 2
PART 7
PART 8
PEARL R.
LAKE PONTCHARTRAIN
ATCHAFALAYA
OUACHITA
RIVER
SABINE
RED
Bayou Dorcheat
Cypress
Black
Saline B.
Bayou Pierre
Bayou Macon
Tensas
Boeuf
Big Cr.
Bayou Castor
Caney Cr.
Flat Cr.
Dugdemona R.
Tunnel Lake
Bayou Torro
Bayou Nezpique
Spring Cr.
Sixmile Cr.
Whisky Chitto Cr.
Bundick Cr.
Beekwith
Beat Head Cr.
Houston R.
Bayou Lafourche
Terrebonne
Vermilion
Teche
Mermentau
Calcasieu
Amite
Tickfaw
Tangipahoa R.
Bogue Chitto
Pushepatapa Cr.
Abita R.
Comite R.
Bogue Falaya
Bayou Sara
Bayou des Ecores
Bayou des Glaises
Bayou des Allemands
Bayou des Cannes
Bayou des Ouachitas
Bayou de Loutre
Bayou d'Arbonne
Bayou Corney
Bayou Boeuf
Bayou Macon
Bayou Bonne Idee
Bayou Pierre
Bayou Cypress
Bayou Bodcau
Bayou Dorcheat
Black Lake
Black R.
Boggy B.
Big Cypress B.
B. San Patricio
B. San Miguel
B. Lake Mary
Fourmile B.
Flagon B.
Cane R.
Tunnel Lake
Lake Pontchartrain
Lake Maurepas
Lake Verret
Lake Calcasieu
Lake Charles
Lake Arthur
Lake Fausse Pointe
Lake Chicot
Lake Bruin
Lake Providence
Lake Ophelia
Lake Saint Catherine
Lake Saint Joseph
Lake Saint Mary
Lake Saint Martin
Lake Verret
Lake Pontchartrain
Lake Maurepas
Lake Ponchartrain

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers or point samplers. Samples usually are obtained along several vertical lines in the cross section to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided day method. For periods when no samples were collected, daily loads of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards.

As other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements for the particle-size distribution of the suspended sediment and bed material are included.

Laboratory Measurements

Sediment samples, samples for biochemical-oxygen demand (BOD), samples for indicator bacteria, and daily samples for specific conductance are analyzed locally. All other samples are analyzed in the Geological Survey laboratory in Arvada, CO or Ocala, FL. Methods used to analyze sediment samples and to compute sediment records are described in the TWRI Book 5, Chapter C1. Methods used by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of “daily values” of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information, as appropriate, is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.--See Data Presentation under “Records of Stage and Water Discharge;” same comments apply.

DRAINAGE AREA.--See Data Presentation under “Records of Stage and Water Discharge;” same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality records for the station. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.--Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

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

COOPERATION.--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

EXTREMES.--Maximums and minimums are given only for parameters measured daily or more frequently. None are given for parameters measured weekly or less frequently, because the true maximums or minimums may not have been sampled. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

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

Remark, Value Qualifier, and Null Value Qualifier Codes

The following remark codes may appear with the water-quality data in this report:

PRINTED OUTPUT	REMARK
E	Estimated value
>	Actual value is known to be greater than the value shown
<	Actual value is known to be less than the value shown
M	Presence verified, not quantified
c	See laboratory comment
l	Sample lab preperation problem
k	Counts outside acceptable range
n	Below the NDV
r	Sample ruined in preparation

Dissolved Trace-Element Concentrations

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

Records of Ground-Water Levels

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well ensure that measurements at each well are of consistent accuracy and reliability.

Tables of water-level data are presented by parishes arranged in alphabetical order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number, derived from the parish location (abbreviated) followed by a sequential number.

Water-level records are obtained from direct measurements with a steel tape, electric tape, and/or pressure gage, or from a water-stage recorder. The Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

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

Data Presentation

Each well record consists of two parts, the station description and the data table of water levels observed during the water year. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented by the well description. Locations of stations for which records on ground water appear in this report are shown in figures 13-19.

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds), and the hydrologic-unit number.

AQUIFER.--This entry designates by name the aquifer(s), aquifer code, and geologic age of the aquifer(s) open to the well.

OWNER.--This entry names the current owner of the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter, casing depth and/or screened interval, and additional information such as casing breaks or changes to the well since construction.

DATUM.--This entry describes both the measuring point and land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) sea level; it is reported with a precision depending on the method determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It is used to acknowledge the assistance of local (non-Survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are records for this well.

EXTREMES FOR PERIOD OF RECORD.--This entry contains the highest and lowest levels for the period of record, with respect to land-surface datum, and the dates of their occurrence.

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water levels are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level lows are listed for every fifth day and at the end of the month (eom). The highest and lowest water levels for the period of record and their dates of occurrence are shown on a line above the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level. Hydrographs are presented for selected wells.

Records of Ground-Water Quality

Records of ground-water quality in this report differ from other types of records in that for most sampling sites they consist of either quarterly, semi-annual, or annual measurements for the water year. The quality of ground water ordinarily changes only slowly; therefore, for most general purposes one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequent measurement of the same constituents is not necessary unless one is concerned with a particular problem, such as monitoring chloride trends in areas where saltwater encroachment is occurring. In the special cases where the quality of ground water may change more rapidly, more frequent measurements are made to identify the nature of the changes.

Data Collection and Computation

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" sections in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Data Presentation

The records of ground-water quality are published in a section titled "QUALITY OF GROUND WATER" which immediately follows the ground-water-level records. Data for quality of ground water are listed alphabetically by parish, and are identified by well number. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water.

Access to USGS Water Data

The USGS provides near real-time stage and discharge data for many of the gaging station 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 at:

http://water.usgs.gov

Some water-quality and ground-water data are also available through the WWW. In addition, data can be provided in various machine-readable formats. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District Offices (see address on the back of the title page).

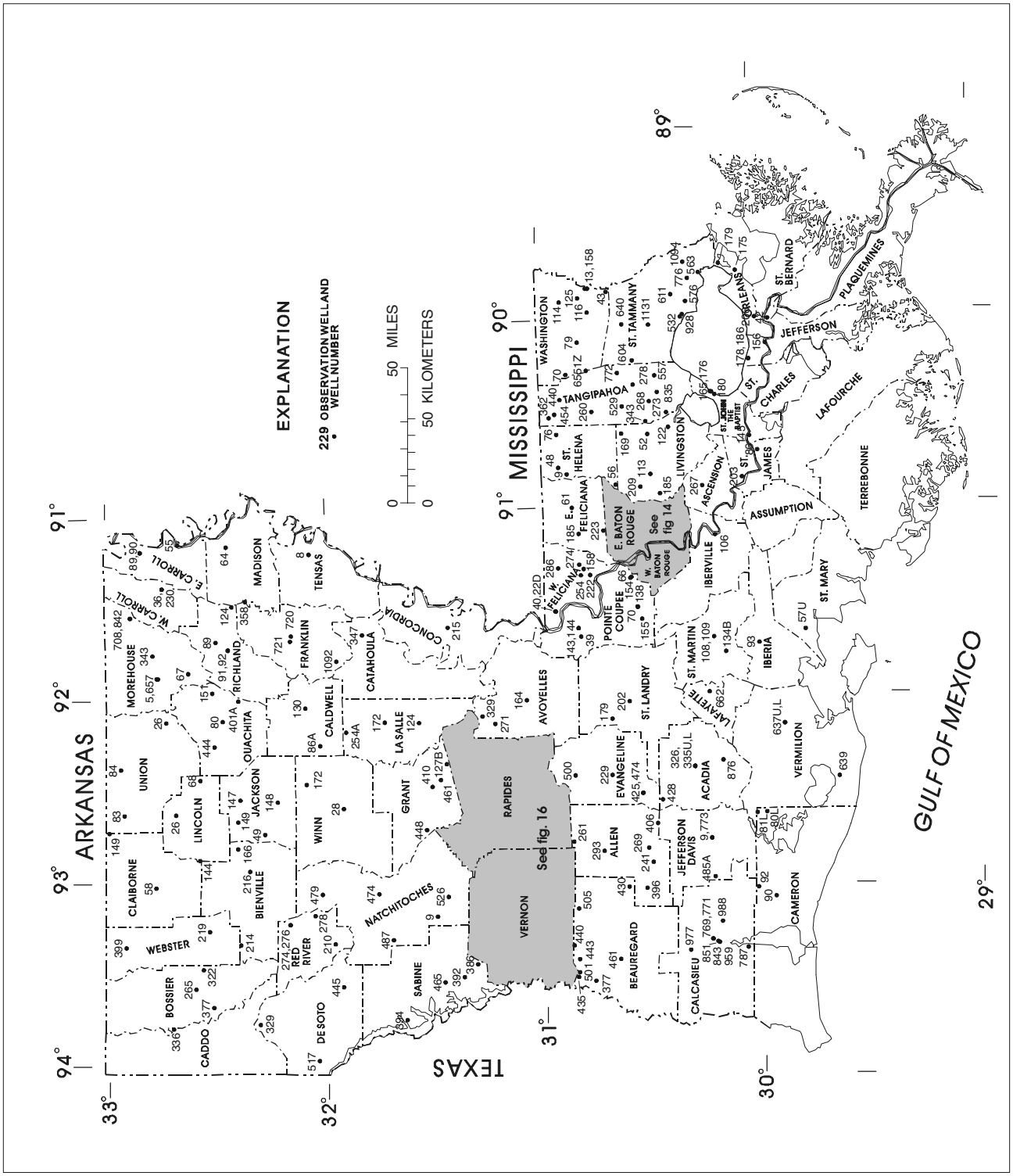


Figure 13. Location of wells for which water-level data are included.

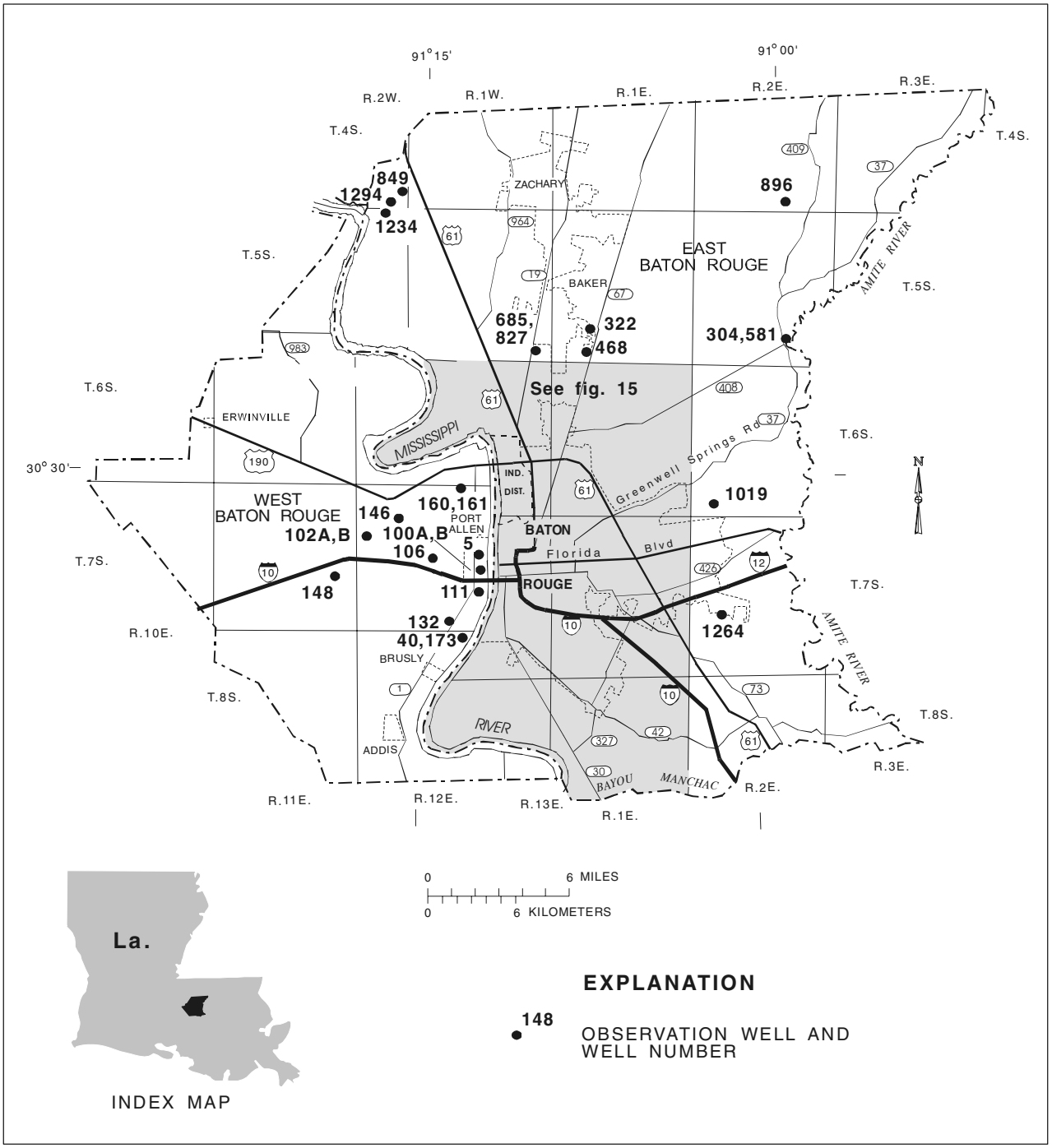


Figure 14. Location of wells for which water-level data are included in East and West Baton Rouge Parishes.

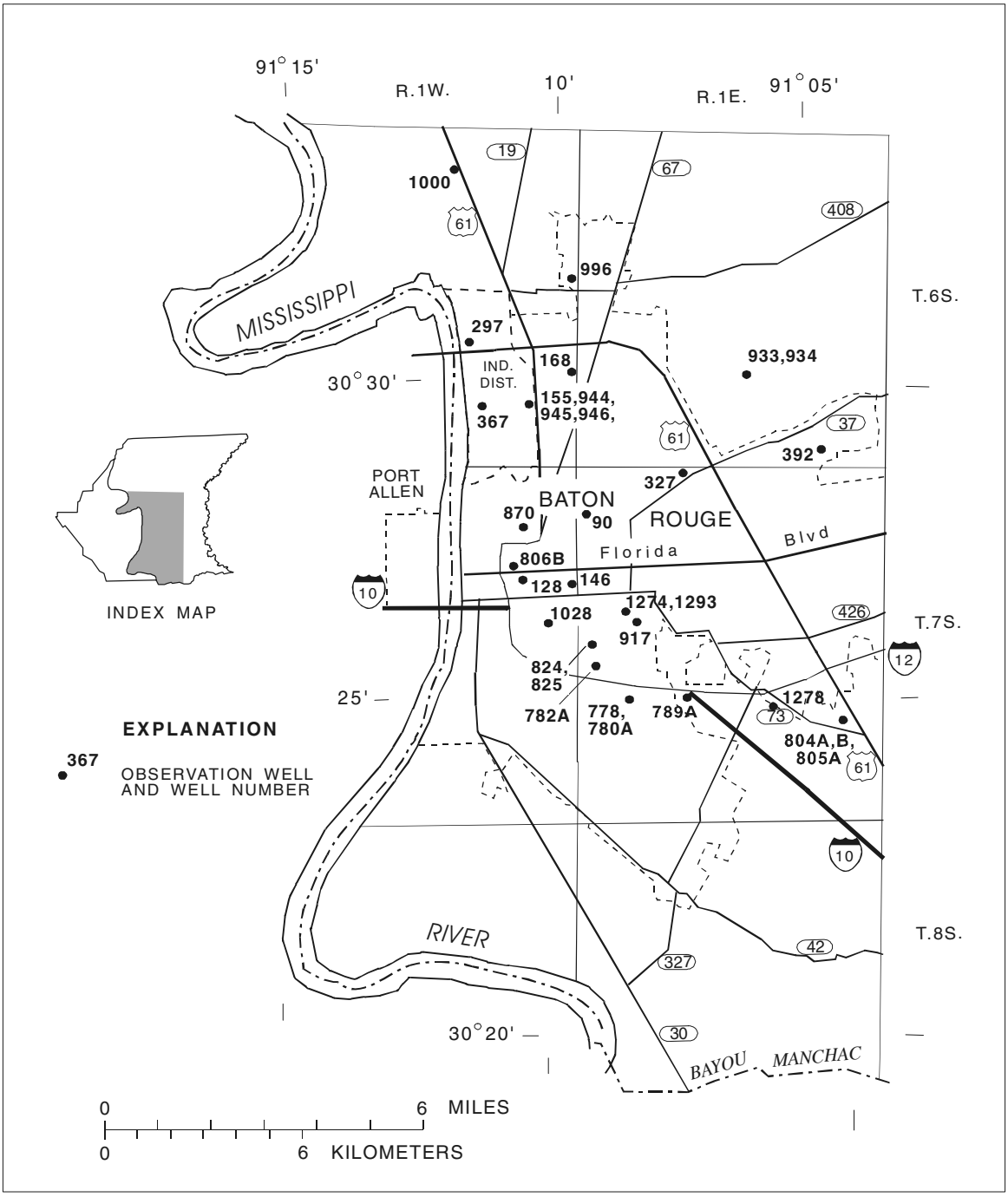


Figure 15. Location of wells for which water-level data are included in shaded area of figure 14.

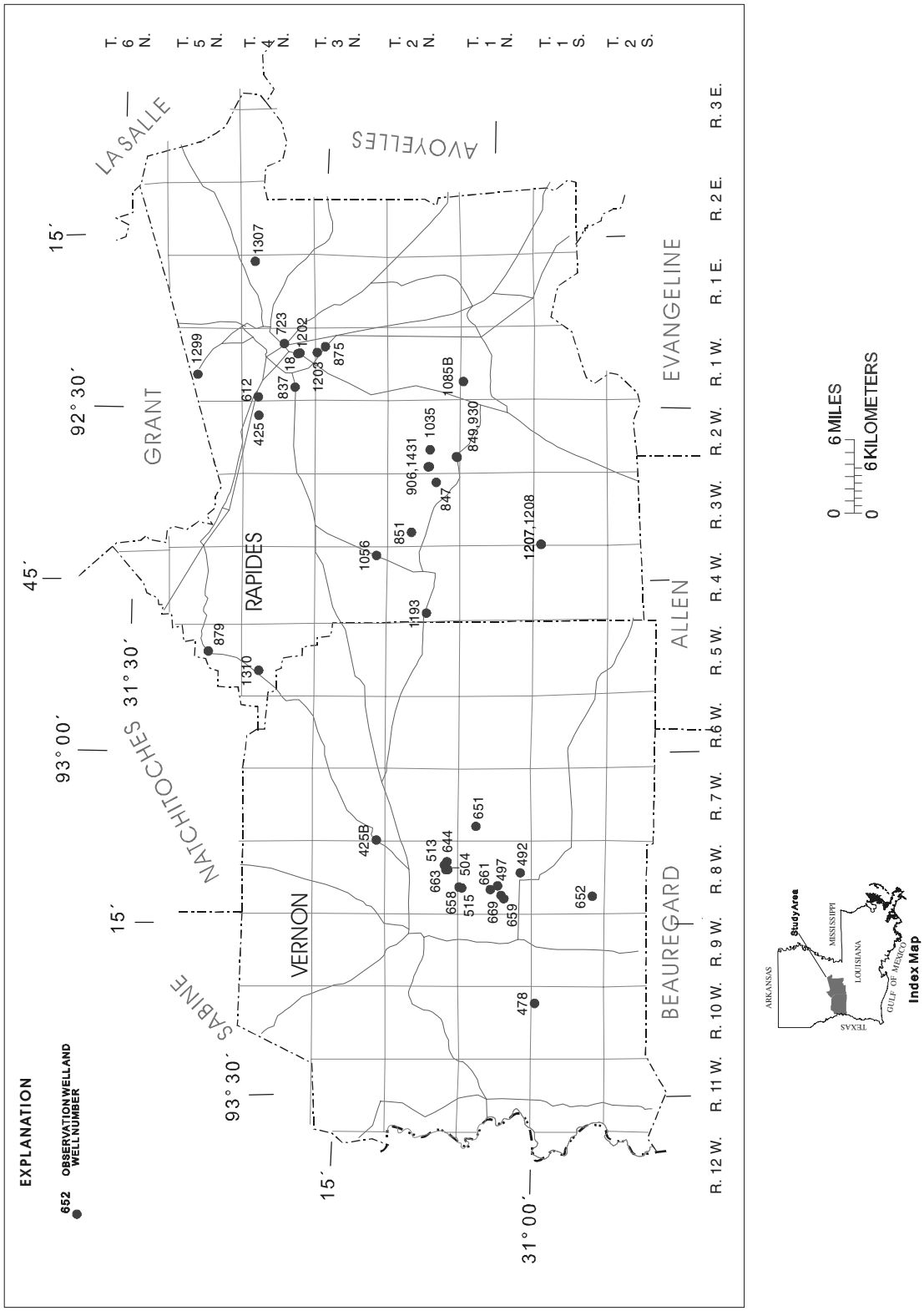


Figure 16. Location of wells for which water-level data are included in Vernon and Rapides Parishes.

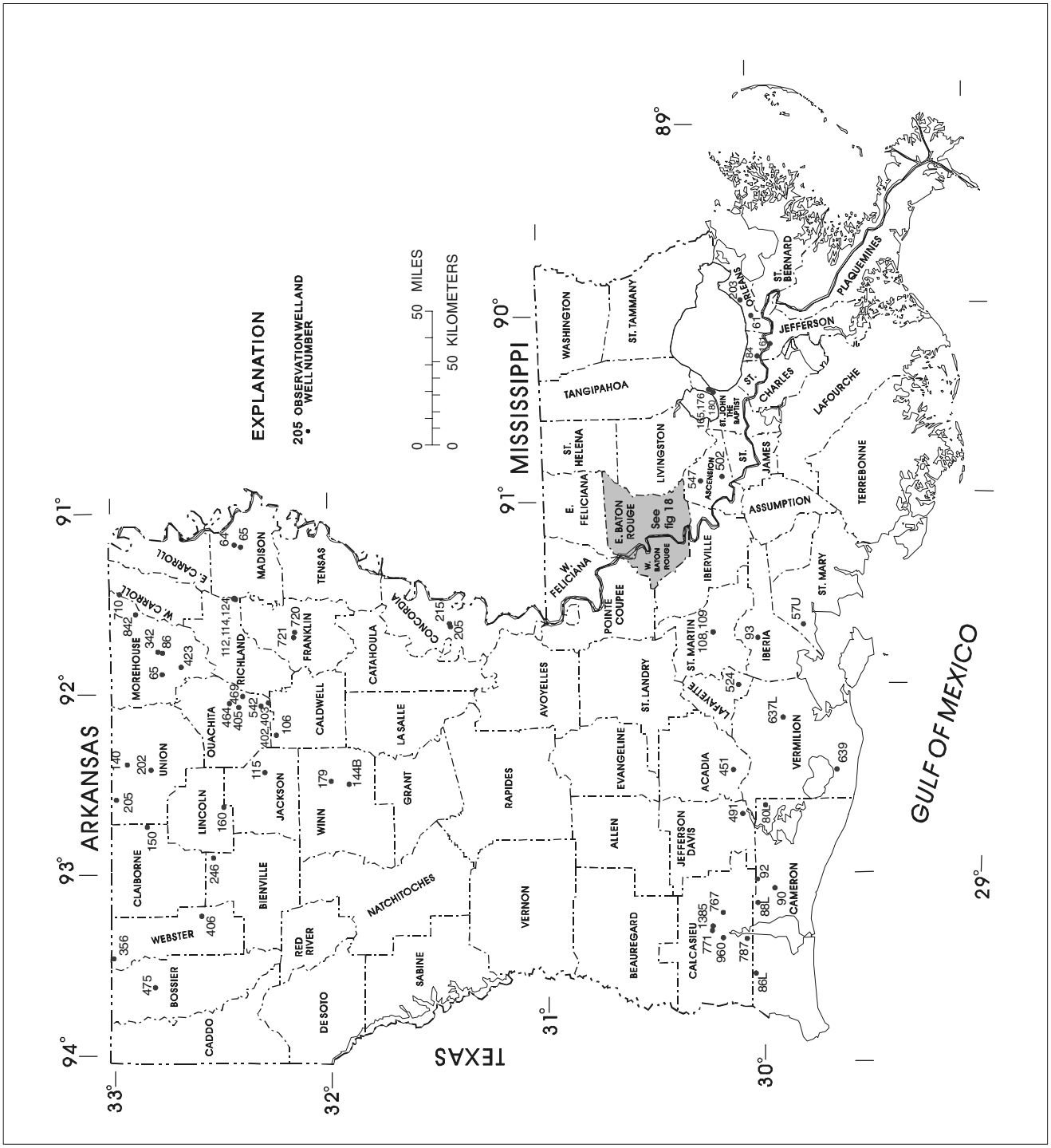


Figure 17. Location of wells for which water-quality data are included.

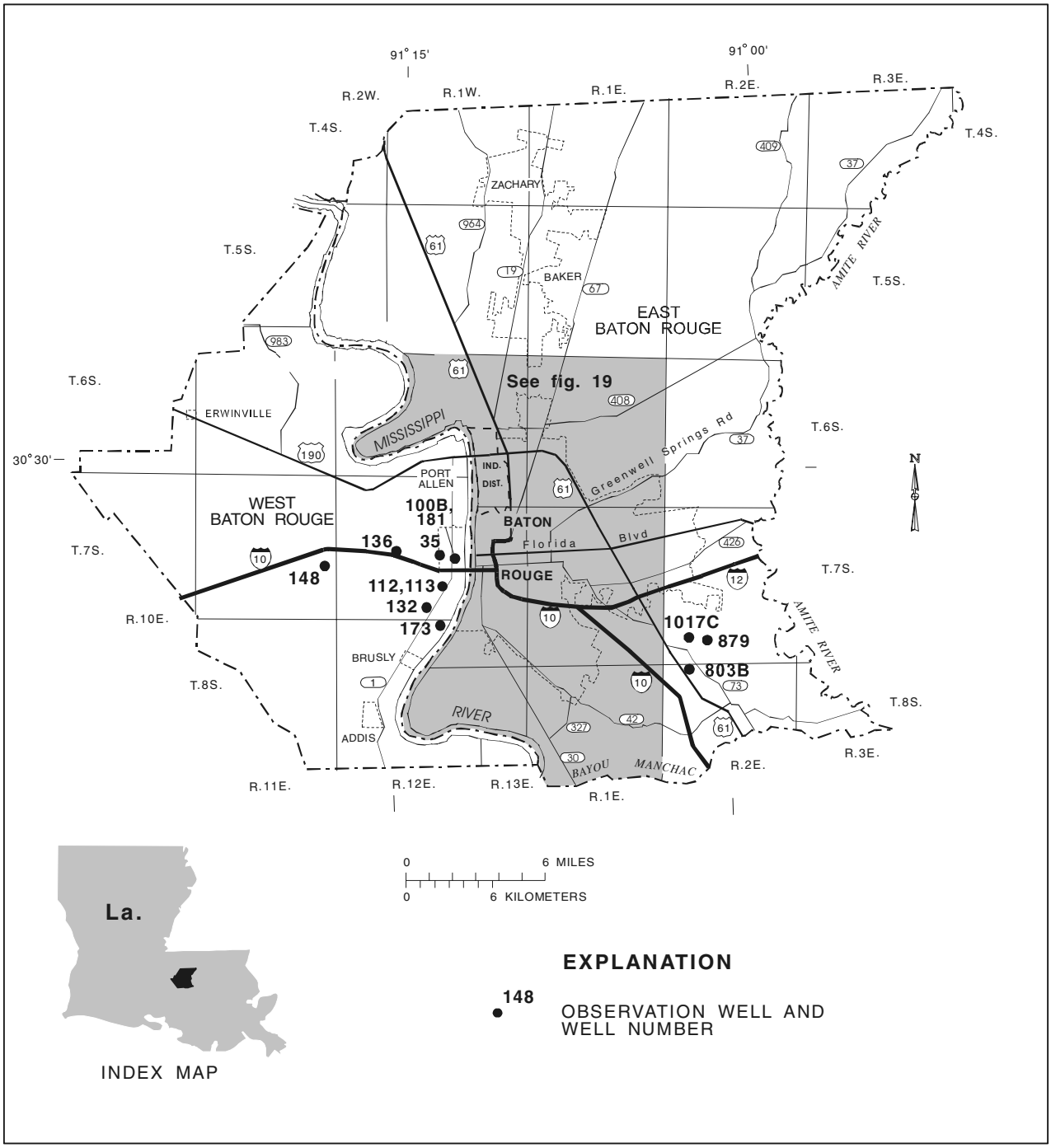


Figure 18. Location of wells for which water quality data are included in East and West Baton Rouge Parishes.

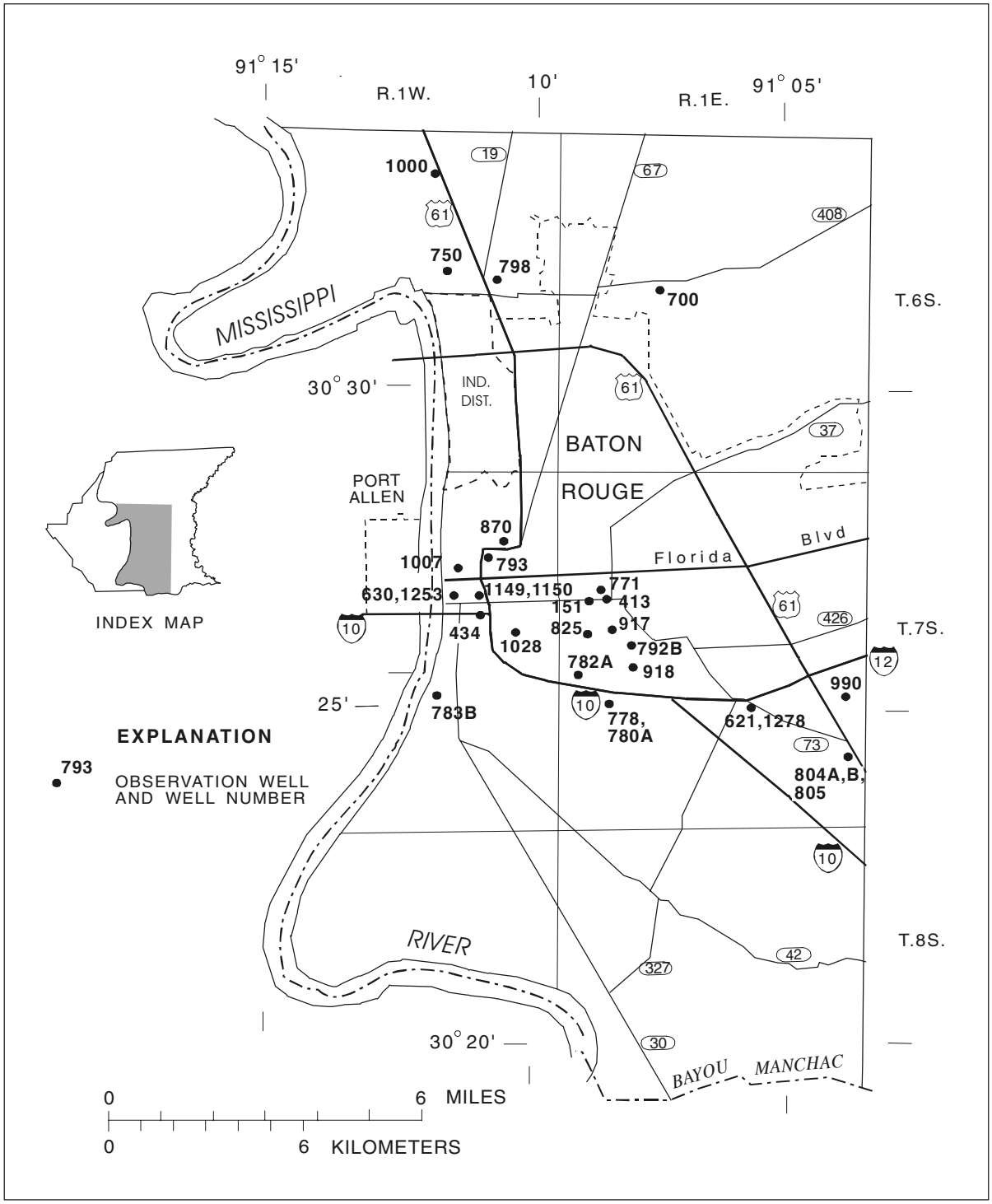


Figure 19. Location of wells for which water-quality data are included in shaded area of figure 18.

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Terms such as algae, water level, 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 table for converting English units to International System (SI) Units on the inside of the back cover.

Acid neutralizing capacity (ANC) is the equivalent sum of all bases or base-producing materials, solutes plus particulates, in an aqueous system that can be titrated with acid to an equivalence point. This term designates titration of an "unfiltered" sample (formerly reported as alkalinity).

Acre-foot (AC-FT, acre-ft) is a unit of volume, commonly used to measure quantities of water used or stored, equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters. (See also "Annual runoff")

Adenosine triphosphate (ATP) is an organic, phosphate-rich, compound important in the transfer of energy in organisms. Its central role in living cells makes ATP an excellent indicator of the presence of living material in water. A measurement of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter.

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample.

Alkalinity is the capacity of solutes in an aqueous system to neutralize acid. This term designates titration of a "filtered" sample.

Annual runoff is the total quantity of water that is discharged ("runs off") from a drainage basin in a year. Data reports may present annual runoff data as volumes in acre-feet, as discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches.

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar year and the water year (October 1 to September 30). Most low-flow frequency analyses use a climatic year (April 1-March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. 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.)

Aroclor is the registered trademark for a group of polychlorinated biphenyls that were manufactured by the Monsanto Company prior to 1976. Aroclors are assigned specific 4-digit reference numbers dependent upon molecular type and degree of substitution of the biphenyl ring hydrogen atoms by chlorine atoms. The first two digits of a numbered aroclor represent the molecular type and the last two digits represent the weight percent of the hydrogen substituted chlorine.

Artificial substrate is a device that is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also "Substrate")

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

Bacteria are microscopic unicellular organisims, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, while others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

DEFINITION OF TERMS--Continued

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peaks per year will be published.

Base flow is sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced streamflows. Natural base flow is sustained largely by ground-water discharge.

Bedload is material in transport that is supported primarily by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to an elevation equal to the top of the bedload sampler nozzle (ranging from 0.25 to 0.5 ft) that are retained in the bedload sampler. A sample collected with a pressure-differential bedload sampler may also contain a component of the suspended load.

Bedload discharge (tons per day) is rate of sediment moving as bedload, reported as dry weight, that passes through a cross section in a given time. NOTE: Bedload discharge values in this report may include a component of the suspended-sediment discharge. A correction may be necessary when computing the total sediment discharge by summing the bedload discharge and the suspended-sediment discharge. (See also "Bedload" and "Sediment")

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed. (See also "Bedload" and "Sediment")

Benthic organisms are the group of organisms inhabiting the bottom of an aquatic environment. They include a number of types of organisms, such as bacteria, fungi, insect larvae and nymphs, snails, clams, and crayfish. They are useful as indicators of water quality.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

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

Biomass pigment ratio is an indicator of the total proportion of periphyton which are autotrophic (plants). This is also called the Autotrophic Index.

Blue-green algae (*Cyanophyta*) are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Bottom material (See "Bed material")

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and are generally reported as cells or units per milliliter (mL) or liter (L).

Cells volume (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are frequently used in aquatic surveys as an indicator of algal production. However, cell numbers alone cannot represent true biomass because of considerable cell-size variation among the algal species. Cell volume (μm^3) is determined by obtaining critical cell measurements on cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

$$\text{sphere } 4/3\ \pi r^3 \quad \text{cone } 1/3\ \pi r^2 h \quad \text{cylinder } \pi r^2 h.$$

pi is the ratio of the circumference to the diameter of a circle; pi = 3.14159…
From cell volume, total algal biomass expressed as biovolume (μm^3/mL) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes over all species.

Cfs-day (See "Cubic foot per second-day")

DEFINITION OF TERMS--Continued

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with BOD or with carbonaceous organic pollution from sewage or industrial wastes. [See also "Biochemical oxygen demand (BOD)"]

Clostridium perfringens *(C. perfringens)* is a spore-forming bacterium that is common in the feces of human and other warm-blooded animals. Clostridial spores are being used experimentally as an indicator of past fecal contamination and presence of microorganisms that are resistant to disinfection and environmental stresses. (See also "Bacteria")

Coliphages are viruses that infect and replicate in coliform bacteria. They are indicative of sewage contamination of waters and of the survival and transport of viruses in the environment.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well. (See also "Aquifer")

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

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Control designates a feature in the channel downstream from a gaging station that physically influences the water-surface elevation and thereby determines the stage-discharge relation at the gage. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

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

Cubic foot per second (CFS, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term "second-feet" sometimes is used synonymously with "cubic feet per second" but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, [$(ft^3/s)/d$]) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily-mean discharges reported in the daily-value data tables are numerically equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, $(ft^3/s)/mi^2$] 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. (See also "Annual runoff")

Daily mean suspended-sediment concentration is the time-weighted concentration of suspended sediment passing a stream cross section during a 24-hour day. (See also "Daily mean suspended-sediment concentration," "Sediment," and "Suspended-sediment concentration")

Daily-record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data collection can range from continuous recording to periodic sample or data collection on a daily or near-daily basis.

DEFINITION OF TERMS--Continued

Data Collection Platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data are usually downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or UTM coordinates. (See also "Gage datum," "Land-surface datum," "National Geodetic Vertical Datum of 1929," and "North American Vertical Datum of 1988")

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Diel is of or pertaining to a 24-hour period of time; a regular daily cycle.

Discharge, or flow, is the rate that matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediments or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, pipeline, etc., within a given period of time (cubic feet per second). Discharge also can apply to the rate at which constituents such as suspended sediment, bedload, and dissolved or suspended chemical constituents, pass through a cross section, in which cases the quantity is expressed as the mass of constituent that passes the cross section in a given period of time (tons per day).

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of "dissolved" constituent concentrations are made on sample water that has been filtered.

Dissolved oxygen (DO) is the molecular oxygen (oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4926 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L $CaCO_3$) can be converted to carbonate concentration by multiplying by 0.60.

Diversity index (H) (Shannon Index) is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = -\sum_{i=1}^{s} \frac{n_i}{n} \log_2 \frac{n_i}{n}$$

where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area upstream from the location, measured in a horizontal plane, that has a common outlet at the site for its surface runoff from precipitation that normally drains by gravity into a stream. Drainage areas given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

DEFINITION OF TERMS--Continued

Drainage basin is a part of the Earth's surface that contains a drainage system with a common outlet for its surface runoff. (See "Drainage area")

Dry mass refers to the mass of residue present after drying in an oven at 105 °C, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass. (See also "Ash mass," "Biomass," and "Wet mass")

Dry weight refers to the weight of animal tissue after it has been dried in an oven at 65 °C until a constant weight is achieved. Dry weight represents total organic and inorganic matter in the tissue. (See also "Wet weight")

Enterococcus bacteria are commonly found in the feces of humans and other warm-blooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of enterococci in water is an indication of fecal pollution and the possible presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar and subsequent transfer to EIA medium. Enterococci include *Streptococcus feacalis, Streptococcus feacium, Streptococcus avium,* and their variants. (See also "Bacteria")

EPT Index is the total number of distinct taxa within the insect orders Ephemeroptera, Plecoptera, and Trichoptera. This index summarizes the taxa richness within the aquatic insects that are generally considered pollution sensitive, the index usually decreases with pollution.

Escherichia coli (E. coli) are bacteria present in the intestine and feces of warm-blooded animals. *E. coli* are a member species of the fecal coliform group of indicator bacteria. In the laboratory, they are defined as those bacteria that produce yellow or yellow-brown colonies on a filter pad saturated with urea substrate broth after primary culturing for 22 to 24 hours at 44.5 °C on mTEC medium. Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Estimated (E) value of a concentration is reported when an analyte is detected and all criteria for a positive result are met. If the concentration is less than the method detection limit (MDL), an 'E' code will be reported with the value. If the analyte is qualitatively identified as present, but the quantitative determination is substantially more uncertain, the National Water Quality Laboratory will identify the result with an 'E' code even though the measured value is greater than the MDL. A value reported with an 'E' code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<).

Euglenoids (*Euglenophyta*) are a group of algae that are usually free-swimming and rarely creeping. They have the ability to grow either photosynthetically in the light or heterotrophically in the dark. (See also "Phytoplankton")

Extractable organic halides (EOX) are organic compounds that contain halogen atoms such as chlorine. These organic compounds are semi-volatile and extractable by ethyl acetate from air-dried streambed sediments. The ethyl acetate extract is combusted, and the concentration is determined by microcoulometric determination of the halides formed. The concentration is reported as micrograms of chlorine per gram of the dry weight of the streambed sediments.

Fecal coliform bacteria are present in the intestine or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fecal streptococcal bacteria are present in the intestine of warm-blooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fire algae (*Pyrrhophyta*) are free-swimming unicells characterized by a red pigment spot. (See also "Phytoplankton")

DEFINITION OF TERMS--Continued

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is not exceeded. For example, the 90th percentile of river flow is greater than or equal to 90 percent of all recorded flow rates.

Gage datum is a horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is located slightly below the lowest point of the stream bottom such that the gage height is usually slightly larger than the maximum depth of water. Because the gage datum itself is not an actual physical object, the datum usually is defined by specifying the elevations of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum that is maintained independently of any National geodetic datum. However, if the elevation of the gage datum relative to the National datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then the gage readings can be converted to elevations above the National datum by adding the elevation of the gage datum to the gage reading.

Gage height (G.H.) is the water-surface elevation, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used in reference to a reading on a gage.

Gage values are values that are recorded, transmitted and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, or 30-minute intervals.

Gaging station is a site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Gas chromatography/flame ionization detector (GC/FID) is a laboratory analytical method used as a screening technique for semivolatile organic compounds that are extractable from water in methylene chloride.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Habitat quality index is the qualitative description (level 1) of instream habitat and riparian conditions surrounding the reach sampled. Scores range from 0 to 100 percent with higher scores indicative of desirable habitat conditions for aquatic life. Index only applicable to wadable streams.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate ($CaCO_3$).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. *See NOAA web site: http://www.co-ops.nos.noaa.gov/tideglos.html*

Hilsenhoff's Biotic Index (HBI) is an indicator of organic pollution which uses tolerance values to weight taxa abundances; usually increases with pollution. It is calculated as follows:

$$HBI = sum\frac{(n)(a)}{N}$$

where n is the number of individuals of each taxon, a is the tolerance value of each taxon, and N is the total number of organisms in the sample.

Horizontal datum (See "Datum")

Hydrologic benchmark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a benchmark station may be used to separate effects of natural from human-induced changes in other basins that have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped benchmark basin.

DEFINITION OF TERMS--Continued

Hydrologic index stations referred to in this report are four continuous-record gaging stations that have been selected as representative of streamflow patterns for their respective regions. Station locations are shown on index maps.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. Each hydrologic unit is identified by an 8-digit number.

Inch (IN., in.), as used in this report, refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were uniformly distributed on it. (See also "Annual runoff")

Instantaneous discharge is the discharge at a particular instant of time. (See also "Discharge")

Laboratory Reporting Level (LRL) is generally equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a non-detection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a "less than" (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually based on the most current quality-control data and may, therefore, change. [Note: In several previous NWQL documents (Connor and others, 1998; NWQL Technical Memorandum 98.07, 1998), the LRL was called the non-detection value or NDV—a term that is no longer used.)

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Light-attenuation coefficient, also known as the extinction coefficient, is a measure of water clarity. Light is attenuated according to the Lambert-Beer equation

$$I = I_o e^{-\lambda L} ,$$

where I_o is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light attenuation coefficient is defined as

$$\lambda = -\frac{1}{L}\log_e \frac{I}{I_o} .$$

Lipid is any one of a family of compounds that are insoluble in water and that make up one of the principal components of living cells. Lipids include fats, oils, waxes, and steroids. Many environmental contaminants such as organochlorine pesticides are lipophilic.

Long-Term Method Detection Level (LT–MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spike sample measurements over an extended period of time. LT–MDL data are collected on a continuous basis to assess year-to-year variations in the LT–MDL. The LT–MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT–MDL for a sample that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. *See NOAA web site: http://www.co-ops.nos.noaa.gov/tideglos.html*

Macrophytes are the macroscopic plants in the aquatic environment. The most common macrophytes are the rooted vascular plants that are usually arranged in zones in aquatic ecosystems and restricted in the area by the extent of illumination through the water and sediment deposition along the shoreline.

DEFINITION OF TERMS--Continued

Mean concentration of suspended sediment (Daily mean suspended-sediment concentration) is the time-weighted concentration of suspended sediment passing a stream cross section during a given time period. (See also "Daily mean suspended-sediment concentration" and "Suspended-sediment concentration")

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period. (See also "Discharge")

Mean high or low tide is the average of all high or low tides, respectively, over a specific period.

Mean sea level is a local tidal datum. It is the arithmetic mean of hourly heights observed over the National Tidal Datum Epoch. Shorter series are specified in the name; for example, monthly mean sea level and yearly mean sea level. In order that they may be recovered when needed, such datums are referenced to fixed points known as benchmarks. (See also "Datum")

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

Membrane filter is a thin microporous material of specific pore size used to filter bacteria, algae, and other very small particles from water.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Method Detection Limit (MDL) is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Methylene blue active substances (MBAS) are apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (UG/G, µg/g) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per kilogram (UG/KG, µg/kg) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the constituent per unit mass (kilogram) of the material analyzed. One microgram per kilogram is equivalent to 1 part per billion.

Micrograms per liter (UG/L, µg/L) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter (US/CM, µS/cm) is a unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

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

Minimum Reporting Level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method (Timme, 1995).

Miscellaneous site, miscellaneous station, or miscellaneous sampling site is a site where streamflow, sediment, and/or water-quality data or water-quality or sediment samples are collected once, or more often on a random or discontinuous basis to provide better areal coverage for defining hydrologic and water-quality conditions over a broad area in a river basin.

DEFINITION OF TERMS--Continued

Most probable number (MPN) is an index of the number of coliform bacteria that, more probably than any other number, would give the results shown by the laboratory examination; it is not an actual enumeration. MPN is determined from the distribution of gas-positive cultures among multiple inoculated tubes.

Multiple-plate samplers are artificial substrates of known surface area used for obtaining benthic invertebrate samples. They consist of a series of spaced, hardboard plates on an eyebolt.

Nanograms per liter (NG/L, ng/L) is a unit expressing the concentration of chemical constituents in solution as mass (nanograms) of solute per unit volume (liter) of water. One million nanograms per liter is equivalent to 1 milligram per liter.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It was formerly called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations**,** it does not necessarily represent local mean sea level at any particular place. *See NOAA web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88* (See "North American Vertical Datum of 1988")

Natural substrate refers to any naturally occurring immersed or submersed solid surface, such as a rock or tree, upon which an organism lives. (See also "Substrate.")

Nekton are the consumers in the aquatic environment and consist of large free-swimming organisms that are capable of sustained, directed mobility.

Nephelometric turbidity unit (NTU) is the measurement for reporting turbidity that is based on use of a standard suspension of Formazin. Turbidity measured in NTU uses nephelometric methods that depend on passing specific light of a specific wavelength through the sample.

North American Vertical Datum of 1988 (NAVD 1988) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the U.S. This datum was established in 1991 by minimum-constraint adjustment of the Canadian**,** Mexican, and U.S. first-order terrestrial leveling networks.

Open or screened interval is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Organic carbon (OC) is a measure of organic matter present in aqueous solution, suspension, or bottom sediments. May be reported as dissolved organic carbon (DOC), particulate organic carbon (POC), or total organic carbon (TOC).

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

Organochlorine compounds are any chemicals that contain carbon and chlorine. Organochlorine compounds that are important in investigations of water, sediment, and biological quality include certain pesticides and industrial compounds.

Parameter Code is a 5-digit number used in the USGS computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

DEFINITION OF TERMS--Continued

Partial-record station is a site where discrete measurements of one or more hydrologic parameters are obtained over a period of time without continuous data being recorded or computed. A common example is a crest-stage gage partial-record station at which only peak stages and flows are recorded.

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

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

Classification	Size (mm)	Method of analysis
Clay	0.00024 - 0.004	Sedimentation
Silt	0.004 - 0.062	Sedimentation
Sand	0.062 - 2.0	Sedimentation/sieve
Gravel	2.0 - 64.0	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the peak recorded value may be taken as an approximation to the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

Percent composition or **percent of total** is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, mass, or volume.

Percent shading is determined by using a clinometer to estimate left and right bank shading. The values are added together and divided by 180 to determine percent shading relative to a horizontal surface.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year, but at a frequency insufficient to develop a daily record.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7 are termed “acidic,” and solutions with a pH greater than 7 are termed “basic.” Solutions with a pH of 7 are neutral. The presence and concentration of many dissolved chemical constituents found in water are, in part, influenced by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms are also influenced, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They are usually microscopic, and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment and are commonly known as algae. (See also “Plankton”)

DEFINITION OF TERMS--Continued

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields 3.7×10^{10} radioactive disintegrations per second (dps). A picocurie yields 0.037 dps, or 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers. Concentrations are expressed as a number of cells per milliliter (cells/mL of sample).

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds. They have properties and applications similar to polychlorinated biphenyls (PCBs) and have been identified in commercial PCB preparations.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated (carbon method) by the plants.

Primary productivity (carbon method) is expressed as milligrams of carbon per area per unit time [mg C/(m^2/time)] for periphyton and macrophytes or per volume [mg C/(m^3/time)] for phytoplankton. Carbon method defines the amount of carbon dioxide consumed as measured by
radioactive carbon (carbon-14). The carbon-14 method is of greater sensitivity than the oxygen light and dark bottle method and is preferred for use in unenriched waters. Unit time may be either the hour or day, depending on the incubation period. (See also “Primary productivity”)

Primary productivity (oxygen method) is expressed as milligrams of oxygen per area per unit time [mg O/(m^2/time)] for periphyton and macrophytes or per volume [mg O/(m^3/time)] for phytoplankton. Oxygen method defines production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light and dark bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period. (See also “Primary productivity”)

Radioisotopes are isotopic forms of an element that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight, but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus; for example, ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

Recoverable from bed (bottom) material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. (See also “Bed material”)

DEFINITION OF TERMS--Continued

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or non-exceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the 100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100 years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day 10-year low flow ($7Q_{10}$) is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10 years, on average); almost two-thirds of the non-exceedances of the $7Q_{10}$ occur less than 10 years after the previous non-exceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous non-exceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

Replicate samples are a group of samples collected in a manner such that the samples are thought to be essentially identical in composition.

Return period (See "Recurrence interval")

River mileage is the curvilinear distance, in miles, measured upstream from the mouth along the meandering path of a stream channel in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council, and typically used to denote location along a river.

Runoff is the quantity of water that is discharged ("runs off") from a drainage basin in a given time period. Runoff data may be presented as volumes in acre-feet, as mean discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches. (See also "Annual runoff")

Sea level, as used in this report, refers to one of the two commonly used national vertical datums, (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums. See conversion of units page (inside back cover) for identification of the datum used in this report.

Sediment is solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, it is referred to as "fluvial sediment." Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Seven-day 10-year low flow (7Q10) is the discharge below which the annual 7-day minimum flow falls in 1 year out of 10 on the long-run average. The recurrence interval of the 7Q10 is 10 years; the chance that the annual 7-day minimum flow will be less than the 7Q10 is 10 percent in any given year. (See also "Recurrence interval" and "Annual 7-day minimum")

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Sodium hazard in water is an index that can be used to evaluate the suitability of water for irrigating crops.

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

DEFINITION OF TERMS--Continued

Stable isotope ratio (per MIL/MIL) is a unit expressing the ratio of the abundance of two radioactive isotopes. Isotope ratios are used in hydrologic studies to determine the age or source of specific waters, to evaluate mixing of different waters, as an aid in determining reaction rates, and other chemical or hydrologic processes.

Stage (See "Gage height")

Stage-discharge relation is the relation between the water-surface elevation, termed stage (gage height), and the volume of water flowing in a channel per unit time.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Substrate Embeddedness Class is a visual estimate of riffle streambed substrate larger than gravel that is surrounded or covered by fine sediment (<2mm, sand or finer). Below are the class categories expressed as percent covered by fine sediment:

0	< no gravel or larger substrate		
1	> 75%		
2	51-75%	4	5-25%
3	26-50%	5	< 5%

Surface area of a lake is that area (acres) encompassed by the boundary of the lake as shown on USGS topographic maps, or other available maps or photographs. Because surface area changes with lake stage, surface areas listed in this report represent those determined for the stage at the time the maps or photographs were obtained.

Surficial bed material is the upper surface (0.1 to 0.2 ft) of the bed material such as that material which is sampled using U.S. Series Bed-Material Samplers.

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

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended water-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by directly analyzing the suspended material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent. (See also "Suspended")

Suspended sediment is the sediment maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid. (See also "Sediment")

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L). The analytical technique uses the mass of all of the sediment and the net weight of the water-sediment mixture in a sample to compute the suspended-sediment concentration. (See also "Sediment" and "Suspended sediment")

Suspended-sediment discharge (tons/day) is the rate of sediment transport, as measured by dry mass or volume, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft^3/s) x 0.0027. (See also "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

DEFINITION OF TERMS--Continued

Suspended-sediment load is a general term that refers to a given characteristic of the material in suspension that passes a point during a specified period of time. The term needs to be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It is not synonymous with either suspended-sediment discharge or concentration. (See also "Sediment")

Suspended, total is the total amount of a given constituent in the part of a water-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total." Determinations of "suspended, total" constituents are made either by directly analyzing portions of the suspended material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent. (See also "Suspended")

Suspended solids, total residue at 105 °C concentration is the concentration of inorganic and organic material retained on a filter, expressed as milligrams of dry material per liter of water (mg/L). An aliquot of the sample is used for this analysis.

Synoptic studies are short-term investigations of specific water-quality conditions during selected seasonal or hydrologic periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

Taxa richness is the total number of distinct species or groups and usually decreases with pollution. (See also "Percent Shading")

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

Kingdom:	Animal
Phylum:	Arthropoda
Class:	Insecta
Order:	Ephemeroptera
Family:	Ephemeridae
Genus:	*Hexagenia*
Species:	*Hexagenia limbata*

Temperature preferences:

Cold – preferred water temperature for the species is less than 20 °C or spawning temperature preference less than 16 °C and native distribution is considered to be predominantly north of 45° N. latitude.

Warm – preferred water temperatures for the species is greater than 20 °C or spawning temperature preference greater than 16 °C and native distribution is considered to be predominantly south of 45° N. latitude.

Cool – intermediate between cold and warm water temperature preferences.

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

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water resulting from the mixing of flow proportionally to the duration of the concentration.

DEFINITION OF TERMS--Continued

Tons per acre-foot (T/acre-ft) is the dry mass (tons) of a constituent per unit volume (acre-foot) of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY, tons/d) is a common chemical or sediment discharge unit. It is the quantity of a substance in solution, in suspension, or as bedload that passes a stream section during a 24-hour period. It is equivalent to 2,000 pounds per day, or 0.9072 metric tons per day.

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

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warm-blooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Total discharge is the quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Total length (fish) is the straight-line distance from the anterior point of a fish specimen's snout, with the mouth closed, to the posterior end of the caudal (tail) fin, with the lobes of the caudal fin squeezed together.

Total load refers to all of a constituent in transport. When referring to sediment, it includes suspended load plus bed load.

Total organism count is the number of organisms collected and enumerated in any particular sample. (See also "Organism count/volume.")

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

Total sediment discharge is the mass of suspended-sediment plus bed-load transport, measured as dry weight, that passes a cross section in a given time. It is a rate and is reported as tons per day. (See also "Sediment," "Suspended sediment," "Suspended-Sediment Concentration," "Bedload," and "Bedload discharge")

Total sediment load or total load is the sediment in transport as bedload and suspended-sediment load. The term may be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It differs from total sediment discharge in that load refers to the material whereas discharge refers to the quantity of material, expressed in units of mass per unit time. (See also "Sediment," "Suspended-Sediment Load," and "Total load")

DEFINITION OF TERMS--Continued

Trophic group:

Filter feeder – diet composed of suspended plant and/or animal material.

Herbivore – diet composed predominantly of plant material.

Invertivore – diet composed predominantly of invertebrates.

Omnivore – diet composed of at least 25-percent plant and 25-percent animal material.

Piscivore – diet composed predominantly of fish.

Turbidity is the reduction in the transparency of a solution due to the presence of suspended and some dissolved substances. The measurement technique records the collective optical properties of the solution that cause light to be scattered and attenuated rather than transmitted in straight lines; the higher the intensity of scattered or attenuated light, the higher the value of the turbidity. Turbidity is expressed in nephelometric turbidity units (NTU). Depending on the method used, the turbidity units as NTU can be defined as the intensity of light of a specified wavelength scattered or attenuated by suspended particles or absorbed at a method specified angle, usually 90 degrees, from the path of the incident light. Currently approved methods for the measurement of turbidity in the USGS include those that conform to EPA Method 180.1, ASTM D1889-00, and ISO 7027. Measurements of turbidity by these different methods and different instruments are unlikely to yield equivalent values. Consequently, the method of measurement and type of instrument used to derive turbidity records should be included in the "REMARKS" column of the Annual Data Report.

Ultraviolet (UV) absorbance (absorption) at 254 or 280 nanometers is a measure of the aggregate concentration of the mixture of UV absorbing organic materials dissolved in the analyzed water, such as lignin, tannin, humic substances, and various aromatic compounds. UV absorbance (absorption) at 254 or 280 nanometers is measured in UV absorption units per centimeter of pathlength of UV light through a sample.

Vertical datum (See "Datum")

Volatile organic compounds (VOCs) are organic compounds that can be isolated from the water phase of a sample by purging the water sample with inert gas, such as helium, and subsequently analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They are often components of fuels, solvents, hydraulic fluids, paint thinners, and dry cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human health concern because many are toxic and are known or suspected human carcinogens (U.S. Environmental Protection Agency, 1996).

Water table is the level in the saturated zone at which the pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which is found the water table.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the "2001 water year."

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976.)

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

Wet mass is the mass of living matter plus contained water. (See also "Biomass" and "Dry mass")

Wet weight refers to the weight of animal tissue or other substance including its contained water. (See also "Dry weight")

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

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers. (See also "Plankton")

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The USGS publishes a series of manuals titled the "Techniques of Water-Resources Investigations" that describe procedures for planning and conducting specialized work in water-resources investigations. The material in these manuals is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. Each chapter then is limited to a narrow field of the section subject matter. This publication format permits flexibility when revision or printing is required.

Manuals in the Techniques of Water-Resources Investigations series, which are listed below, are available online at http://water.usgs.gov/pubs/twri/. Printed copies are available for sale from the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (an authorized agent of the Superintendent of Documents, Government Printing Office). Please telephone "1-888-ASK-USGS" for current prices, and refer to the title, book number, section number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations." Other products can be viewed online at http://www.usgs.gov/sales.html, or ordered by telephone or by FAX to (303)236-4693. Order forms for FAX requests are available online at http://mac.usgs.gov/isb/pubs/forms/. Prepayment by major credit card or by a check or money order payable to the "U.S. Geological Survey" is required.

Book 1. Collection of Water Data by Direct Measurement

Section D. Water Quality

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

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

Book 2. Collection of Environmental Data

Section D. Surface Geophysical Methods

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

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

Section E. Subsurface Geophysical Methods

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

2-E2. *Borehole geophysics applied to ground-water investigations,* by W.S. Keys: USGS–TWRI book 2, chap. E2. 1990. 150 pages.

Section F. Drilling and Sampling Methods

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

Book 3. Applications of Hydraulics

Section A. Surface-Water Techniques

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

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

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

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

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

3-A5. *Measurement of peak discharge at dams by indirect methods,* by Harry Hulsing: USGS–TWRI book 3. chap. A5. 1967. 29 pages.

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

3-A7. *Stage measurement at gaging stations,* by T.J. Buchanan and W.P. Somers: USGS–TWRI book 3, chap. A7. 1968. 28 pages.

3-A8. *Discharge measurements at gaging stations,* by T.J. Buchanan and W.P. Somers: USGS–TWRI book 3, chap. A8. 1969. 65 pages.

3-A9. *Measurement of time of travel in streams by dye tracing,* by F.A. Kilpatrick and J.F. Wilson, Jr.: USGS–TWRI book 3, chap. A9. 1989. 27 pages.

3-Al0. *Discharge ratings at gaging stations,* by E.J. Kennedy: USGS–TWRI book 3, chap. A10. 1984. 59 pages.

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

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

3-A13. *Computation of continuous records of streamflow*, by E.J. Kennedy: USGS–TWRI book 3, chap. A13. 1983. 53 pages.

3-A14. *Use of flumes in measuring discharge,* by F.A. Kilpatrick and V.R. Schneider: USGS–TWRI book 3, chap. A14. 1983. 46 pages.

3-A15. *Computation of water-surface profiles in open channels,* by Jacob Davidian: USGS–TWRI book 3, chap. A15. 1984. 48 pages.

3-A16. *Measurement of discharge using tracers*, by F.A. Kilpatrick and E.D. Cobb: USGS–TWRI book 3, chap. A16. 1985. 52 pages.

3-A17. *Acoustic velocity meter systems,* by Antonius Laenen: USGS–TWRI book 3, chap. A17. 1985. 38 pages.

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

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

3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F.A. Kilpatrick: USGS–TWRI book 3, chap. A20. 1993. 38 pages.

3-A21 *Stream-gaging cableways,* by C. Russell Wagner: USGS–TWRI book 3, chap. A21. 1995. 56 pages.

Section B. Ground-Water Techniques

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

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

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

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

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PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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

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

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

3-B8. *System and boundary conceptualization in ground-water flow simulation,* by T.E. Reilly: USGS–TWRI book 3, chap. B8. 2001. 29 pages.

Section C. Sedimentation and Erosion Techniques

3-C1. *Fluvial sediment concepts,* by H.P. Guy: USGS–TWRI book 3, chap. C1. 1970. 55 pages.

3-C2. *Field methods for measurement of fluvial sediment*, by T.K. Edwards and G.D. Glysson: USGS–TWRI book 3, chap. C2. 1999. 89 pages.

3-C3. *Computation of fluvial-sediment discharge,* by George Porterfield: USGS–TWRI book 3, chap. C3. 1972. 66 pages.

Book 4. Hydrologic Analysis and Interpretation

Section A. Statistical Analysis

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

4-A2. *Frequency curves,* by H.C. Riggs: USGS–TWRI book 4, chap. A2. 1968. 15 pages.

Section B. Surface Water

4-B1. *Low-flow investigations,* by H.C. Riggs: USGS–TWRI book 4, chap. B1. 1972. 18 pages.

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4-B3. *Regional analyses of streamflow characteristics,* by H.C. Riggs: USGS–TWRI book 4, chap. B3. 1973. 15 pages.

Section D. Interrelated Phases of the Hydrologic Cycle

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

Book 5. Laboratory Analysis

Section A. Water Analysis

5-A1. *Methods for determination of inorganic substances in water and fluvial sediments,* by M.J. Fishman and L.C. Friedman, editors: USGS–TWRI book 5, chap. A1. 1989. 545 pages.

5-A2. *Determination of minor elements in water by emission spectroscopy,* by P.R. Barnett and E.C. Mallory, Jr.: USGS–TWRI book 5, chap. A2. 1971. 31 pages.

5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R.L. Wershaw, M.J. Fishman, R.R. Grabbe, and L.E. Lowe: USGS–TWRI book 5, chap. A3. 1987. 80 pages.

5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples,* by L.J. Britton and P.E. Greeson, editors: USGS–TWRI book 5, chap. A4. 1989. 363 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments,* by L.L. Thatcher, V.J. Janzer, and K.W. Edwards: USGS–TWRI book 5, chap. A5. 1977. 95 pages.

5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments,* by L.C. Friedman and D.E. Erdmann: USGS–TWRI book 5, chap. A6. 1982. 181 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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Book 6. Modeling Techniques

Section A. Ground Water

6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS–TWRI book 6, chap. A1. 1988. 586 pages.

6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model,* by S.A. Leake and D.E. Prudic: USGS–TWRI book 6, chap. A2. 1991. 68 pages.

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6-A6. A coupled surface-water and ground-water flow model (MODBRANCH) for simulation of stream-aquifer interaction, by Eric D. Swain and Eliezer J. Wexler: USGS–TWRI book 6, chap. A5,1996. 125 pages*interaction*, by Eric D. Swain and Eliezer J. Wexler: USGS–TWRI book 6, chap. A6. 1996. 125 p.

6–A7. *User's guide to SEAWAT: A computer program for simulation of three-dimensional variable-density ground-water flow*, by Weixing Guo and Christian D. Langevin: USGS–TWRI book 6, chap. A7. 2002. 77 p.

Book 7. Automated Data Processing and Computations

Section C. Computer Programs

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

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

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

Book 8. Instrumentation

Section A. Instruments for Measurement of Water Level

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

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

Section B. Instruments for Measurement of Discharge

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

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

Book 9. Handbooks for Water-Resources Investigations

Section A. National Field Manual for the Collection of Water-Quality Data

9-A1. *National Field Manual for the Collection of Water-Quality Data: Preparations for Water Sampling*, by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A1. 1998. 47 p.

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9-A6. *National Field Manual for the Collection of Water-Quality Data: Field Measurements*, edited by F.D. Wilde and D.B. Radtke: USGS–TWRI book 9, chap. A6. 1998. Variously paginated.

9-A7. *National Field Manual for the Collection of Water-Quality Data: Biological Indicators*, edited by D.N. Myers and F.D. Wilde: USGS–TWRI book 9, chap. A7. 1997 and 1999. Variously paginated.

9-A8. *National Field Manual for the Collection of Water-Quality Data: Bottom-material samples*, by D.B. Radtke: USGS–TWRI book 9, chap. A8. 1998. 48 pages.

9-A9. *National Field Manual for the Collection of Water-Quality Data: Safety in Field Activities*, by S.L. Lane and R.G. Fay: USGS–TWRI book 9, chap. A9. 1998. 60 pages.

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. Datum of gage is 54.64 ft above NAVD 88. Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good. Satellite telemetry at station.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3260	3660	10300	9610	24700	9320	14400	3180	2930	2650	2670	1910
2	3180	3420	16200	8200	24400	9170	13900	3090	2790	2980	2520	1850
3	3070	3130	19300	7060	24500	9260	16500	2950	3420	3040	4580	1810
4	2940	2940	20200	6200	23700	8680	18200	2840	3520	2790	8730	1790
5	2850	2880	18800	5550	23500	7410	18100	2790	2950	3020	10900	1740
6	2830	2830	14800	6040	23700	5980	16300	2800	2520	2820	13000	1730
7	2990	2680	10700	6640	23700	5100	13900	2780	2310	2420	15600	1820
8	3260	2560	8340	5940	24000	4880	11900	2930	2170	2150	11700	1930
9	3100	2500	6850	6960	25800	4720	15000	3240	2150	2070	7090	1830
10	3010	2450	5860	8040	27200	4540	21700	2980	2410	2000	4880	1750
11	3120	2430	5130	7470	26700	4520	27200	2660	2280	1950	3790	1700
12	4550	2410	4670	6910	24100	4970	30700	2480	2220	1940	3210	1670
13	5890	2480	4640	6950	21000	7110	32300	2370	2240	2100	3020	1650
14	9630	2550	7360	7520	18000	9050	32500	2290	2150	2590	2920	1610
15	11500	2550	12000	6970	15500	12100	31300	2260	2070	2710	2710	1580
16	11400	2550	15700	5990	13900	14800	28100	2220	1980	2690	2650	1550
17	12500	2540	20300	5250	12500	15700	23300	2170	1920	2570	2800	1570
18	13400	2530	23800	4900	11300	15000	19100	2160	1880	2500	3070	1590
19	14200	2530	26600	4750	9950	14400	14600	2210	1850	2430	2960	1580
20	14300	2510	27500	5610	8840	14700	10300	2220	1850	2640	3070	1550
21	12800	2510	27100	8350	8670	15200	7310	2230	1890	2990	3440	1540
22	10800	2500	25200	11300	11600	16500	5670	2320	1850	2950	3060	1590
23	9320	2540	23300	14500	16200	16500	5040	2400	1850	2680	2770	1640
24	8050	2630	21700	16000	18500	17200	4590	2300	1900	2510	2480	1730
25	7000	2780	20300	16900	17700	18600	4150	2180	1980	2240	2280	2150
26	6240	2800	19500	18200	14800	20800	3830	2090	1980	2530	2250	7190
27	5670	2740	19200	21100	12400	23800	3610	2030	2060	3310	2370	17700
28	5050	2990	18000	24600	10700	25500	3440	1990	2230	3270	2510	21100
29	4420	4480	16000	27000	---	24100	3270	1990	2530	2960	2470	23500
30	3850	6420	13500	27500	---	21300	3190	2240	2690	2850	2190	26100
31	3630	---	11200	26300	---	17600	---	2840	---	2860	1990	---
TOTAL	207810	86520	494050	344310	517560	398510	453400	77230	68570	81210	139680	138450
MEAN	6704	2884	15940	11110	18480	12860	15110	2491	2286	2620	4506	4615
MAX	14300	6420	27500	27500	27200	25500	32500	3240	3520	3310	15600	26100
MIN	2830	2410	4640	4750	8670	4520	3190	1990	1850	1940	1990	1540
CFSM	1.02	0.44	2.42	1.69	2.81	1.96	2.30	0.38	0.35	0.40	0.69	0.70
IN.	1.18	0.49	2.80	1.95	2.93	2.26	2.57	0.44	0.39	0.46	0.79	0.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	2956	4186	9686	15430	19490	20720	19150	12030	5606	4543	3823	3010
MAX	10390	16150	40080	48900	56830	46670	67290	56770	22540	26570	16710	12220
(WY)	1976	1958	1983	1974	1990	1987	1980	1991	1983	1940	1975	2001
MIN	1110	1233	1713	2174	2133	3678	3214	1926	1651	1564	1398	1246
(WY)	1964	1964	1955	1956	2000	2000	1963	1963	1963	1969	2000	1954

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	4086440		3007300			
ANNUAL MEAN	11200		8239		9962	
HIGHEST ANNUAL MEAN					22560	1983
LOWEST ANNUAL MEAN					3412	1963
HIGHEST DAILY MEAN	59700	Mar 7	32500	Apr 14	127000	Apr 24 1979
LOWEST DAILY MEAN	2380	May 23	1540	Sep 21	1020	Oct 29 1963
ANNUAL SEVEN-DAY MINIMUM	2480	Nov 9	1570	Sep 15	1030	Oct 26 1963
MAXIMUM PEAK FLOW			34000	Apr 14	129000	Apr 24 1979
MAXIMUM PEAK STAGE			20.08	Apr 14	23.23	Apr 24 1979
INSTANTANEOUS LOW FLOW			1530	Sep 21	1020	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.70		1.25		1.52	
ANNUAL RUNOFF (INCHES)	23.13		17.02		20.59	
10 PERCENT EXCEEDS	26300		21500		27800	
50 PERCENT EXCEEDS	6260		3660		4530	
90 PERCENT EXCEEDS	2790		1980		1830	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.07	10.13	15.36	15.11	19.14	14.96	16.96	9.49	9.11	8.70	8.72	7.52
2	8.96	9.81	17.44	14.31	19.11	14.88	16.81	9.36	8.91	9.20	8.49	7.42
3	8.81	9.41	18.16	13.58	19.11	14.93	17.51	9.15	9.81	9.28	11.06	7.35
4	8.61	9.13	18.36	12.90	19.02	14.61	17.94	8.98	9.95	8.91	14.62	7.30
5	8.48	9.05	18.06	12.33	18.99	13.81	17.91	8.91	9.15	9.25	15.72	7.21
6	8.44	8.97	17.06	12.76	19.02	12.71	17.46	8.91	8.51	8.96	16.51	7.19
7	8.68	8.74	15.60	13.28	19.02	11.86	16.82	8.90	8.18	8.35	17.29	7.37
8	9.07	8.55	14.39	12.68	19.06	11.60	16.15	9.11	7.97	7.93	15.99	7.56
9	8.84	8.46	13.42	13.49	19.27	11.41	17.08	9.57	7.93	7.81	13.55	7.38
10	8.71	8.40	12.60	14.22	19.43	11.20	18.65	9.19	8.33	7.68	11.59	7.23
11	8.88	8.36	11.90	13.85	19.37	11.18	19.42	8.71	8.13	7.59	10.29	7.14
12	10.78	8.33	11.36	13.49	19.05	11.70	19.78	8.45	8.05	7.58	9.52	7.08
13	12.31	8.44	11.33	13.52	18.52	13.57	19.93	8.28	8.07	7.85	9.26	7.04
14	14.95	8.55	13.67	13.89	17.89	14.80	19.95	8.15	7.94	8.61	9.11	6.97
15	15.96	8.55	16.15	13.51	17.28	16.19	19.84	8.10	7.82	8.78	8.79	6.92
16	15.91	8.55	17.31	12.72	16.82	17.09	19.52	8.04	7.65	8.75	8.69	6.86
17	16.34	8.53	18.37	12.03	16.37	17.32	18.93	7.97	7.55	8.58	8.92	6.90
18	16.67	8.52	19.02	11.63	15.90	17.14	18.12	7.96	7.48	8.46	9.32	6.94
19	16.91	8.51	19.36	11.46	15.29	16.98	17.01	8.02	7.41	8.37	9.16	6.92
20	16.94	8.49	19.45	12.34	14.70	17.06	15.44	8.05	7.42	8.68	9.32	6.86
21	16.45	8.48	19.41	14.39	14.60	17.19	13.73	8.05	7.49	9.21	9.83	6.85
22	15.71	8.47	19.20	15.88	15.97	17.52	12.43	8.20	7.42	9.15	9.31	6.94
23	14.96	8.54	18.95	17.00	17.44	17.52	11.79	8.32	7.41	8.74	8.87	7.03
24	14.22	8.66	18.65	17.41	18.00	17.69	11.27	8.16	7.51	8.48	8.43	7.19
25	13.54	8.89	18.38	17.61	17.80	18.02	10.74	7.99	7.65	8.08	8.14	7.91
26	12.94	8.93	18.22	17.93	17.06	18.48	10.34	7.85	7.64	8.51	8.09	12.89
27	12.44	8.83	18.14	18.54	16.32	19.03	10.07	7.74	7.79	9.66	8.28	17.81
28	11.80	9.20	17.89	19.12	15.65	19.23	9.83	7.67	8.05	9.60	8.48	18.55
29	11.06	11.11	17.40	19.40	---	19.06	9.60	7.67	8.52	9.16	8.42	18.98
30	10.37	13.07	16.70	19.46	---	18.57	9.49	8.08	8.75	9.00	8.01	19.30
31	10.10	---	15.87	19.33	---	17.78	---	8.99	---	9.02	7.68	---
MAX	16.94	13.07	19.45	19.46	19.43	19.23	19.95	9.57	9.95	9.66	17.29	19.30
MIN	8.44	8.33	11.33	11.46	14.60	11.18	9.49	7.67	7.41	7.58	7.68	6.85

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'34", long 90°09'43", in SE ¼ SE ¼ sec. 26, T. 2 S., R. 10 E., Washington Parish, Hydrologic Unit 03180005, at bridge on State Highway 10, 0.8 mi west of Franklinton, and 3.5 mi upstream from Lawrence Creek.

DRAINAGE AREA.--990 mi^2.

PERIOD OF RECORD.--August 1928 to September 1931, October 1938 to September 1957. February to September 1975, July 1976 to current year (gage heights and discharge measurements). Gage-height records collected in this vicinity since 1922 are contained in reports of the National Weather Service.

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

GAGE.--Water-stage recorder. Datum of gage is 123.81 ft above NGVD of 1929. August 1928 to September 1931, nonrecording gage at site about 0.2 mi downstream. October 1938 to September 1957, nonrecording gage; February to September 1975 and since July 1976 water-stage recorder at present site. Prior to September 1931 at datum 2.00 ft higher; October 1938 to September 1957 and February to September 1975 at datum 1.00 ft higher.

AVERAGE DISCHARGE.--22 years (water years 1929-31, 1939-57), 1,596 ft^3/s, 22.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125,000 ft^3/s, Apr. 7, 1983, gage height, 24.69 ft; minimum discharge, 350 ft^3/s, Nov. 6-8, 1938; minimum gage height, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1900 reached a stage of 28.6 ft, at former site and present datum, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,300 ft^3/s, maximum gage height, 13.96 ft, Sept. 27; minimum gage height, 0.16 ft, Oct. 4, 5.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.21	---	2.63	0.45	1.66	0.73	2.69	0.48	1.42	0.35	0.84	0.26
2	0.19	---	1.77	0.45	2.47	2.49	3.24	0.45	0.78	0.69	1.90	---
3	0.18	---	1.04	0.42	2.32	2.96	2.96	0.43	0.48	0.52	2.31	---
4	0.17	---	0.74	0.39	1.69	2.72	1.87	0.41	0.33	0.29	1.24	---
5	0.21	---	0.58	0.54	1.33	1.83	1.35	0.38	0.26	0.54	0.89	---
6	0.39	---	0.49	1.49	1.64	1.33	1.11	0.36	0.32	0.32	4.67	---
7	0.43	---	0.43	1.19	2.70	1.11	0.97	0.35	0.37	0.30	5.11	---
8	0.37	---	0.39	1.06	3.41	0.98	1.74	0.34	0.26	0.33	2.97	---
9	0.31	---	0.35	0.93	3.00	0.91	8.52	0.34	0.39	0.24	1.72	---
10	0.23	---	0.33	0.78	1.97	0.87	9.06	0.32	0.40	0.22	1.05	---
11	0.40	---	0.31	0.69	1.47	0.81	7.87	0.28	0.35	0.27	0.85	---
12	0.96	---	0.30	0.66	1.22	1.75	5.96	0.25	---	0.35	0.98	---
13	1.14	---	0.63	1.13	1.06	2.68	3.35	0.23	---	0.55	0.99	---
14	2.33	---	2.92	1.67	0.94	3.04	2.35	0.21	---	0.72	1.27	---
15	2.54	---	3.38	1.44	0.85	2.72	1.90	0.20	---	0.90	1.16	---
16	2.66	---	2.53	1.06	0.79	2.10	1.59	0.19	---	0.76	0.79	---
17	2.23	---	1.83	0.87	0.73	2.04	1.34	0.22	---	0.44	0.74	---
18	1.20	---	1.92	0.75	0.68	1.88	1.17	0.31	---	---	0.70	---
19	0.80	---	2.03	0.85	0.64	1.35	1.04	0.27	---	---	0.53	---
20	0.63	---	1.56	2.76	1.03	1.16	0.94	---	---	---	0.43	---
21	0.53	---	1.14	3.70	1.57	1.62	0.86	---	---	---	0.37	---
22	0.47	---	0.92	3.78	2.29	2.11	0.79	---	---	---	0.35	---
23	0.42	---	0.84	2.98	1.91	2.27	0.74	---	---	0.88	0.34	---
24	0.39	---	0.73	2.04	1.21	1.61	0.70	---	---	0.64	0.37	---
25	0.34	---	0.76	2.15	0.95	1.19	0.66	---	---	0.64	0.54	0.76
26	0.29	---	0.87	3.28	0.82	3.79	0.63	---	0.30	0.44	0.57	6.62
27	---	---	0.69	3.42	0.71	6.32	0.59	---	0.27	0.41	0.84	13.32
28	---	---	0.62	3.36	0.65	4.57	0.57	---	0.44	0.25	0.53	12.81
29	---	0.81	0.59	1.98	---	3.48	0.53	---	0.37	0.22	0.37	10.41
30	---	2.55	0.53	1.41	---	2.21	0.51	0.57	0.50	0.32	0.33	5.23
31	---	---	0.48	1.18	---	2.15	---	1.58	---	0.62	0.28	---
MAX	---	---	3.38	3.78	3.41	6.32	9.06	---	---	---	5.11	---
MIN	---	---	0.30	0.39	0.64	0.73	0.51	---	---	---	0.28	---

02492000 BOGUE CHITTO NEAR BUSH, LA

LOCATION.--Lat 30°37'45", long 89°53'50", in SE ¼ NE ¼ sec. 42, T. 5 S., R. 13 E., St. Tammany Parish, Hydrologic Unit 03180005, near center of span on downstream side of bridge on State Highway 21, 0.2 mi downstream from Illinois Central Gulf Railroad bridge, and 1.4 mi north of Bush.

DRAINAGE AREA.--1,213 mi^2.

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

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

GAGE.--Water-stage recorder. Datum of gage is 44.25 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good. Satellite telemetry at station.

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

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 11	1600	13,800	11.55	Sep 28	2000	*23,800	*13.10

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	882	774	2150	949	1630	1050	2690	910	1400	785	920	678
2	871	771	2200	961	2200	1710	2950	888	1280	724	1040	656
3	861	767	1670	954	2500	2810	3030	868	996	880	1520	652
4	854	760	1250	934	2240	2860	2660	851	853	783	1640	643
5	852	749	1060	957	1810	2490	1950	834	778	713	1170	632
6	896	740	968	1630	1830	1880	1580	818	741	790	2140	630
7	973	732	914	2140	2280	1540	1410	807	771	707	4830	791
8	965	730	879	1710	2800	1370	1390	795	773	725	5770	938
9	936	727	854	1470	3120	1290	3250	783	738	732	3600	819
10	906	724	833	1320	2770	1270	7440	773	791	678	1930	738
11	922	722	816	1210	2050	1220	12900	762	782	656	1330	687
12	1580	721	808	1150	1670	1380	12400	749	738	691	1300	655
13	1990	717	890	1180	1480	2590	9960	737	714	738	1460	630
14	2680	714	1790	1460	1350	2920	5430	728	709	854	1430	623
15	3080	711	3020	1690	1260	2830	2950	719	681	982	1450	617
16	2720	707	3200	1520	1200	2470	2220	713	661	1030	1300	607
17	2480	704	2520	1300	1150	2080	1860	711	661	909	1330	604
18	2080	704	2120	1180	1100	1980	1610	746	659	763	1140	599
19	1460	704	2110	1120	1070	1800	1460	761	645	694	1020	596
20	1190	704	2010	1360	1120	1590	1350	730	648	657	927	591
21	1070	699	1660	2580	1370	1730	1270	711	653	628	836	665
22	999	696	1390	3170	1700	1950	1200	700	632	607	812	678
23	951	723	1310	3340	2010	2090	1140	691	620	659	794	655
24	917	737	1270	2790	1740	2060	1100	686	637	865	772	658
25	885	793	1180	2280	1370	1640	1060	684	647	834	769	1000
26	851	785	1170	2470	1220	1660	1030	680	655	815	824	3900
27	824	751	1170	2990	1120	3840	1000	675	709	746	847	9850
28	809	746	1090	3120	1060	6420	977	673	727	709	934	21400
29	793	878	1060	2960	---	5860	951	672	767	663	798	22600
30	785	1220	1020	2080	---	3850	929	729	742	689	731	19400
31	779	---	979	1650	---	2560	---	1010	---	747	702	---
TOTAL	38841	22610	45361	55625	48220	72790	91147	23594	22808	23453	46066	94192
MEAN	1253	753.7	1463	1794	1722	2348	3038	761.1	760.3	756.5	1486	3140
MAX	3080	1220	3200	3340	3120	6420	12900	1010	1400	1030	5770	22600
MIN	779	696	808	934	1060	1050	929	672	620	607	702	591
CFSM	1.03	0.62	1.21	1.48	1.42	1.94	2.50	0.63	0.63	0.62	1.23	2.59
IN.	1.19	0.69	1.39	1.71	1.48	2.23	2.80	0.72	0.70	0.72	1.41	2.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2002, BY WATER YEAR (WY)

MEAN	928.2	1215	2133	2911	3395	3355	3217	2077	1422	1230	1142	1060
MAX	2772	4298	7751	10020	10240	9284	14640	8770	5387	4020	3024	3140
(WY)	1985	1962	1962	1998	1966	1943	1983	1991	1975	1946	1953	2002
MIN	422	484	689	703	807	892	722	574	534	451	405	493
(WY)	1969	1970	1940	1956	2000	2000	1963	2000	2000	2000	2000	2000

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1938 - 2002	
ANNUAL TOTAL	790300		584707			
ANNUAL MEAN	2165		1602		2000	
HIGHEST ANNUAL MEAN					3697	1983
LOWEST ANNUAL MEAN					730	2000
HIGHEST DAILY MEAN	39900	Mar 6	22600	Sep 29	126000	Apr 8 1983
LOWEST DAILY MEAN	532	Jun 4	591	Sep 20	369	Oct 26 1968
ANNUAL SEVEN-DAY MINIMUM	542	May 29	605	Sep 14	382	Oct 25 1968
MAXIMUM PEAK FLOW			23800	Sep 28	132000	Apr 8 1983
MAXIMUM PEAK STAGE			13.10	Sep 28	21.22	Apr 8 1983
INSTANTANEOUS LOW FLOW			583	Sep 20	366	Oct 22 1968
ANNUAL RUNOFF (CFSM)	1.79		1.32		1.65	
ANNUAL RUNOFF (INCHES)	24.24		17.93		22.40	
10 PERCENT EXCEEDS	4030		2780		3810	
50 PERCENT EXCEEDS	1140		957		1130	
90 PERCENT EXCEEDS	698		674		640	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.40	3.39	6.24	3.83	5.29	4.07	7.12	3.73	4.83	3.50	3.94	3.33
2	3.38	3.38	6.34	3.86	6.32	5.43	7.46	3.68	4.58	3.35	4.23	3.27
3	3.35	3.37	5.37	3.84	6.83	7.26	7.55	3.63	3.94	3.75	5.26	3.26
4	3.33	3.35	4.51	3.79	6.41	7.34	7.06	3.58	3.59	3.50	5.50	3.23
5	3.33	3.32	4.10	3.85	5.63	6.81	5.89	3.54	3.40	3.32	4.53	3.20
6	3.44	3.30	3.87	5.27	5.67	5.76	5.20	3.50	3.31	3.53	6.23	3.19
7	3.64	3.28	3.74	6.23	6.46	5.11	4.86	3.47	3.39	3.31	9.25	3.62
8	3.62	3.27	3.66	5.45	7.26	4.78	4.81	3.44	3.39	3.37	9.75	4.00
9	3.54	3.26	3.59	4.97	7.66	4.59	7.62	3.41	3.31	3.39	8.28	3.70
10	3.46	3.25	3.54	4.66	7.21	4.56	10.11	3.38	3.45	3.24	6.05	3.49
11	3.51	3.25	3.50	4.42	6.08	4.44	11.40	3.36	3.43	3.19	4.89	3.35
12	5.03	3.25	3.48	4.29	5.37	4.78	11.30	3.32	3.32	3.29	4.82	3.27
13	5.89	3.24	3.68	4.36	4.99	6.93	10.79	3.29	3.26	3.41	5.15	3.20
14	7.08	3.23	5.59	4.96	4.73	7.42	9.33	3.26	3.25	3.72	5.10	3.18
15	7.62	3.22	7.53	5.41	4.54	7.30	7.44	3.24	3.17	4.04	5.12	3.16
16	7.16	3.21	7.76	5.07	4.40	6.79	6.37	3.23	3.12	4.14	4.82	3.13
17	6.80	3.20	6.86	4.62	4.29	6.12	5.73	3.22	3.12	3.86	4.89	3.12
18	6.12	3.20	6.20	4.37	4.19	5.94	5.26	3.31	3.12	3.50	4.48	3.10
19	4.95	3.20	6.18	4.23	4.11	5.62	4.95	3.35	3.09	3.31	4.20	3.10
20	4.38	3.20	6.00	4.73	4.23	5.21	4.73	3.27	3.10	3.21	3.97	3.08
21	4.11	3.19	5.35	6.91	4.77	5.48	4.55	3.22	3.11	3.14	3.75	3.29
22	3.95	3.18	4.81	7.73	5.42	5.90	4.40	3.19	3.06	3.08	3.69	3.33
23	3.83	3.25	4.65	7.93	6.01	6.14	4.27	3.16	3.03	3.22	3.64	3.26
24	3.75	3.29	4.57	7.23	5.51	6.09	4.18	3.15	3.08	3.78	3.58	3.27
25	3.67	3.44	4.36	6.46	4.77	5.32	4.10	3.15	3.11	3.70	3.57	4.12
26	3.58	3.42	4.34	6.78	4.44	5.34	4.03	3.13	3.14	3.65	3.72	8.23
27	3.52	3.33	4.34	7.51	4.23	8.26	3.96	3.12	3.29	3.48	3.77	10.82
28	3.48	3.31	4.16	7.66	4.09	9.86	3.90	3.11	3.34	3.39	3.99	12.75
29	3.44	3.65	4.08	7.46	---	9.62	3.83	3.11	3.45	3.26	3.65	12.93
30	3.42	4.44	4.00	6.12	---	8.34	3.78	3.27	3.38	3.34	3.47	12.46
31	3.40	---	3.90	5.33	---	6.92	---	3.96	---	3.49	3.40	---
MAX	7.62	4.44	7.76	7.93	7.66	9.86	11.40	3.96	4.83	4.14	9.75	12.93
MIN	3.33	3.18	3.48	3.79	4.09	4.07	3.78	3.11	3.03	3.08	3.40	3.08

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW ¼ NW ¼ sec. 6, T. 8 S., R. 15 E., St. Helena Meridian, St.Tammany Parish, Hydrologic Unit 03180004, on left bank on downstream side of Norfolk and Southern Railroad bridge over West Pearl River, 700 ft upstream from Interstate Highway 59, and 0.8 mi northeast of town of Pearl River.

DRAINAGE AREA.--8,494 mi^2, includes East Pearl River.

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year. Daily discharge records October 1961 to September 1963 and gage heights only October 1970 to September 1975 in files of Corps of Engineers, Mobile District. Gage-height records since June 1906 are in reports of National Weather Service and gage-height records October 1899 to May 1906 (collected by Southern Railway System) are in files of National Weather Service, Meridian, Miss.

REVISED RECORDS.--WDR LA-1981-2: 1980(M): Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft. below NGVD of 1929 (levels by Corps of Engineers, Mobile District). Prior to September 1970, supplemental gage located on East Pearl River at different datum for the determination of daily mean discharge for the entire flood plain.

REMARKS.--Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers. Records since October 1975 represent stages for the West Pearl River only. Satellite telemetry at station.

AVERAGE DISCHARGE.--7 years (water years 1964-70) 9,470 ft^3/s, 14.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230,000 ft^3/s, Apr. 9, 1983, gage height, 21.05 ft; minimum daily discharge, 1,580 ft^3/s, Oct. 24, Nov. 10, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since October 1899 is that of Apr. 9, 1983. Flood of 1874 reached a stage of 20.2 ft, furnished by Corps of Engineers. Southern Railway System reported a stage of 19.7 ft, Apr. 19, 1900.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.67 ft, Sept. 30; minimum gage height, 4.19 ft, Sept. 17.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.85	6.71	8.02	11.31	13.67	11.17	13.67	6.46	5.67	5.47	5.81	5.07
2	5.76	6.60	9.33	10.81	13.59	11.21	13.06	6.38	6.18	5.50	5.83	4.92
3	5.68	6.46	10.45	10.25	13.54	11.26	12.56	6.29	6.06	5.58	5.89	4.82
4	5.59	6.21	11.46	9.68	13.55	11.26	12.40	6.13	6.08	5.86	6.76	4.81
5	5.49	5.97	12.07	9.24	13.49	11.08	12.56	5.97	6.26	5.75	8.48	4.72
6	5.40	5.81	12.33	9.40	13.48	10.63	12.62	5.87	5.99	5.74	9.65	4.67
7	5.35	5.72	12.18	9.63	13.53	9.81	12.50	5.81	5.56	5.76	11.23	5.16
8	5.45	5.59	11.53	9.81	13.58	8.97	12.26	5.77	5.35	5.43	12.27	5.73
9	5.70	5.43	10.56	9.47	13.61	8.45	12.41	5.78	5.17	5.20	12.70	5.75
10	5.75	5.31	9.67	9.23	13.68	8.21	12.72	5.97	5.08	5.05	11.78	5.42
11	5.66	5.22	8.91	9.50	13.74	8.06	13.51	5.96	5.18	4.88	9.82	5.05
12	6.19	5.17	8.30	9.63	13.73	---	14.54	5.71	5.18	4.74	8.14	4.77
13	7.48	5.15	7.87	9.49	13.60	---	15.16	5.46	5.05	4.72	7.36	4.66
14	9.10	5.21	8.40	9.37	13.31	---	15.40	5.25	4.93	4.88	7.02	4.71
15	10.34	5.27	9.72	9.54	12.89	---	15.36	5.16	4.82	5.35	6.80	4.61
16	11.19	5.27	10.88	9.63	12.40	---	15.10	5.12	4.71	5.67	6.61	4.38
17	11.35	5.23	11.74	9.27	11.92	---	14.74	5.07	4.63	5.74	6.49	4.22
18	11.28	5.19	12.34	8.71	11.53	---	14.25	4.99	4.64	5.57	6.61	4.25
19	11.29	5.19	12.84	8.26	11.18	12.12	13.61	4.94	4.61	5.38	6.52	4.25
20	11.31	5.17	13.23	8.01	10.93	12.04	12.85	4.99	4.54	5.26	6.47	4.26
21	11.36	5.16	13.48	8.37	10.59	12.41	11.91	4.97	4.50	5.26	6.34	4.27
22	11.31	5.17	13.57	9.60	10.29	12.42	10.71	4.94	4.52	5.66	6.48	4.42
23	11.00	5.41	13.58	10.65	10.49	12.40	9.52	4.98	4.47	5.72	6.46	4.52
24	10.52	5.50	13.43	11.52	11.31	12.44	8.65	5.07	4.51	5.59	6.12	4.62
25	9.97	5.54	13.18	12.08	12.02	12.43	8.10	5.07	4.56	5.54	5.76	5.41
26	9.41	5.68	12.91	12.30	12.29	12.59	7.66	4.97	4.73	5.37	5.47	9.23
27	8.90	5.72	12.68	12.50	12.14	13.05	7.31	4.86	4.83	5.31	5.35	12.11
28	8.46	5.72	12.55	12.83	11.65	13.59	7.04	4.76	4.96	5.79	5.39	13.87
29	8.06	5.86	12.44	13.22	---	14.12	6.81	4.73	5.12	6.01	5.52	15.19
30	7.60	6.69	12.20	13.55	---	14.35	6.62	4.75	5.32	5.88	5.47	15.63
31	7.11	---	11.81	13.68	---	14.14	---	4.97	---	5.75	5.28	---
MAX	11.36	6.71	13.58	13.68	13.74	---	15.40	6.46	6.26	6.01	12.70	15.63
MIN	5.35	5.15	7.87	8.01	10.29	---	6.62	4.73	4.47	4.72	5.28	4.22

02492649 GUM BAYOU AT DAVIS LANDING ROAD NEAR SLIDELL, LA

LOCATION.--Lat 30°19'03", long 89°43'40", T. 8 S., R. 15 E., St. Helena Meridian, St.Tammany Parish, Hydrologic Unit 03180004, at bridge on Davis Landing Road, approximately 0.2 miles east of intersection with the North Military Road.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Annual maximum, water years 1998-2000, Oct. 2000 to current year.

GAGE.--Water-stage recorder and flood-profile gage. Datum of gage is NAVD 88.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 9.61 ft. on June 11, 2001. Minimum, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.70 ft, Sept. 26; minimum, 5.91 ft, Apr. 27, 28.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.45	6.58	6.55	6.61	7.10	6.58	7.18	5.97	6.66	6.78	6.77	6.42
2	6.46	6.53	6.65	6.65	7.08	6.80	7.04	5.97	6.66	6.74	6.77	6.39
3	6.47	6.50	6.72	6.60	7.07	6.67	6.90	6.00	6.65	6.73	6.73	6.38
4	6.48	6.49	6.74	6.59	7.07	6.62	6.82	6.01	6.63	6.76	6.75	6.47
5	6.50	6.50	6.76	6.72	7.07	6.56	6.84	6.01	6.63	6.79	7.74	6.51
6	6.52	6.54	6.80	6.99	7.09	6.44	6.87	6.03	6.67	6.79	7.04	6.54
7	6.53	6.56	6.79	6.84	7.08	6.28	6.85	6.08	6.72	6.81	6.75	6.64
8	6.53	6.58	6.72	6.74	7.09	6.18	6.94	6.12	6.71	6.81	6.87	6.58
9	6.50	6.60	6.66	6.68	7.10	6.18	7.42	6.12	6.75	6.81	7.00	6.49
10	6.46	6.60	6.64	6.64	7.10	6.22	7.18	6.19	6.74	6.82	6.80	6.54
11	6.53	6.59	6.66	6.62	7.12	6.18	7.12	6.23	6.71	6.82	6.51	6.57
12	6.63	6.60	6.69	6.64	7.13	6.79	7.25	6.25	6.68	6.80	6.35	6.57
13	6.64	6.60	6.71	6.65	7.11	6.85	7.38	6.27	6.69	6.81	6.38	6.58
14	6.74	6.57	6.78	6.67	7.06	6.65	7.45	6.27	6.69	6.91	6.41	6.55
15	6.68	6.54	6.76	6.65	6.96	6.52	7.45	6.25	6.74	6.83	6.50	6.48
16	6.68	6.53	6.78	6.64	6.85	6.50	7.41	6.31	6.77	6.79	6.64	6.45
17	6.67	6.56	6.81	6.63	6.73	6.57	7.35	6.35	6.76	6.79	6.56	6.53
18	6.66	6.61	6.82	6.62	6.62	6.68	7.26	6.34	6.69	6.78	6.55	6.56
19	6.66	6.61	6.87	6.61	6.52	6.73	7.14	6.34	6.72	6.77	6.58	6.56
20	6.64	6.61	6.97	6.61	6.55	6.74	6.97	6.35	6.77	6.72	6.56	6.56
21	6.61	6.58	7.04	6.62	6.44	6.79	6.75	6.41	6.80	6.62	6.51	6.52
22	6.62	6.55	7.08	6.62	6.37	6.82	6.45	6.45	6.79	6.60	6.51	6.49
23	6.65	6.70	7.12	6.63	6.37	6.81	6.16	6.45	6.78	6.69	6.49	6.49
24	6.65	6.66	7.06	6.63	6.48	6.82	5.98	6.48	6.80	6.77	6.47	6.58
25	6.63	6.67	7.01	6.77	6.67	6.82	5.93	6.53	6.78	6.75	6.48	7.08
26	6.62	6.64	6.95	6.78	6.77	6.96	5.92	6.55	6.82	6.75	6.44	8.41
27	6.61	6.68	6.89	6.81	6.76	7.04	5.92	6.53	6.81	6.74	6.46	7.84
28	6.60	6.70	6.85	6.87	6.66	7.10	5.91	6.57	6.81	6.73	6.49	7.43
29	6.59	6.73	6.82	6.96	---	7.19	5.93	6.58	6.80	6.68	6.51	7.43
30	6.56	6.60	6.77	7.05	---	7.26	5.95	6.59	6.80	6.79	6.52	7.50
31	6.57	---	6.70	7.09	---	7.27	---	6.65	---	6.79	6.47	---
MAX	6.74	6.73	7.12	7.09	7.13	7.27	7.45	6.65	6.82	6.91	7.74	8.41
MIN	6.45	6.49	6.55	6.59	6.37	6.18	5.91	5.97	6.63	6.60	6.35	6.38

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA

LOCATION.--Lat 30°03'01", long 89°06'28", Quad: Door Point, St. Bernard Parish, Hydrologic Unit 08090203, on a Chevron pipeline marker, located in Chandeleur Sound, approximately 22 miles southeast of Waveland, MS.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to September 2002 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is an assumed elevation.

REMARKS.--Satellite telemetry at station. Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 11.69 ft, Sep. 26, 2002; minimum recorded, 2.40 ft, Jan. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.69 ft, Sept. 26; minimum gage height recorded, 2.80 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	6.38	4.67	5.50	6.23	3.87	5.05	---	---	---
2	---	---	---	6.54	4.60	5.54	6.05	3.56	4.76	---	---	---
3	---	---	---	6.50	4.64	5.60	6.12	3.64	4.81	---	---	---
4	---	---	---	6.45	4.24	5.40	6.25	3.79	4.92	---	---	---
5	6.45	4.94	5.66	6.45	4.48	5.43	6.25	4.06	5.03	---	---	---
6	6.45	4.78	5.47	6.19	4.17	5.18	5.86	4.14	4.97	---	---	---
7	6.75	4.80	5.53	6.08	4.25	5.18	5.67	4.16	4.86	---	---	---
8	6.56	4.55	5.63	6.11	4.41	5.31	5.33	4.59	5.01	---	---	---
9	7.33	4.43	5.81	5.92	4.34	5.14	---	---	---	---	---	---
10	7.12	5.14	6.07	5.58	4.43	5.08	---	---	---	---	---	---
11	7.42	5.01	6.15	5.49	5.07	5.29	---	---	---	---	---	---
12	7.56	4.71	6.17	5.63	4.79	5.22	---	---	---	---	---	---
13	7.57	5.28	6.55	6.28	4.60	5.57	---	---	---	---	---	---
14	6.52	5.35	5.77	6.13	4.76	5.40	---	---	---	---	---	---
15	6.87	5.61	5.94	6.07	4.20	5.17	---	---	---	---	---	---
16	5.61	4.60	5.04	5.80	3.71	4.81	---	---	---	---	---	---
17	5.79	4.55	5.20	5.81	3.65	4.69	---	---	---	---	---	---
18	6.19	4.28	5.19	6.08	3.57	4.69	---	---	---	---	---	---
19	6.32	4.07	5.16	6.08	4.00	4.88	---	---	---	---	---	---
20	6.37	4.31	5.24	5.85	4.04	4.89	---	---	---	---	---	---
21	6.37	4.49	5.33	5.96	4.37	5.17	---	---	---	---	---	---
22	6.21	4.44	5.30	6.16	4.74	5.37	---	---	---	---	---	---
23	6.34	4.71	5.52	6.16	4.64	5.49	---	---	---	---	---	---
24	6.34	4.89	5.58	6.38	5.27	5.66	---	---	---	---	---	---
25	6.13	4.61	5.32	5.50	5.04	5.24	---	---	---	---	---	---
26	5.97	4.50	5.14	5.54	5.11	5.28	---	---	---	---	---	---
27	5.08	3.82	4.67	6.18	4.87	5.46	---	---	---	---	---	---
28	5.72	4.40	4.91	6.68	4.88	5.70	---	---	---	---	---	---
29	5.37	4.71	5.04	6.51	5.08	5.75	---	---	---	---	---	---
30	5.52	4.61	5.12	6.40	4.00	5.25	---	---	---	---	---	---
31	5.88	4.60	5.25	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	6.68	3.57	5.28	---	---	---	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	6.60	4.84	5.48	5.94	3.95	5.03	5.85	3.46	4.77
2	---	---	---	7.56	5.22	6.21	6.20	3.95	5.07	5.79	3.71	4.83
3	---	---	---	5.43	3.77	4.67	5.95	3.79	4.95	5.70	3.91	4.83
4	---	---	---	4.38	2.90	3.67	5.58	3.68	4.64	5.36	3.88	4.72
5	---	---	---	4.82	2.81	3.88	5.27	3.22	4.44	5.32	4.14	4.87
6	---	---	---	5.27	3.22	4.31	5.43	3.69	4.61	5.41	4.41	4.98
7	---	---	---	5.52	3.63	4.66	5.91	3.81	4.88	5.31	4.65	5.07
8	---	---	---	5.79	3.84	4.87	6.40	4.75	5.47	5.25	4.89	5.08
9	---	---	---	5.38	4.09	4.70	6.34	5.31	5.70	5.35	4.60	5.04
10	5.29	3.65	4.33	5.16	3.09	4.42	5.56	4.80	5.18	5.51	4.40	5.04
11	---	---	---	5.46	3.96	4.70	5.73	4.96	5.24	5.68	4.10	5.05
12	---	---	---	5.45	4.29	4.85	5.90	5.03	5.41	6.12	4.19	5.25
13	---	---	---	5.09	4.27	4.70	5.79	4.66	5.39	5.87	3.18	4.92
14	---	---	---	5.33	4.39	4.79	5.81	4.26	5.17	6.52	3.16	5.14
15	---	---	---	5.33	4.72	4.98	5.64	4.08	4.93	6.47	3.96	5.23
16	4.90	3.97	4.38	5.21	4.56	4.93	5.81	4.04	4.97	6.29	4.05	5.34
17	4.53	4.08	4.25	5.27	4.42	4.87	5.85	3.77	4.90	6.16	3.75	5.08
18	5.34	4.12	4.84	5.46	4.24	4.87	5.69	3.78	4.77	5.77	3.38	4.87
19	5.97	4.73	5.27	5.77	4.27	4.99	5.72	3.68	4.75	5.99	3.38	4.98
20	6.16	4.79	5.48	5.92	4.08	5.18	5.50	3.66	4.68	5.44	3.72	4.83
21	5.90	4.32	5.14	5.57	3.44	4.82	5.42	3.77	4.76	5.36	4.21	4.82
22	5.80	3.60	4.79	5.48	3.09	4.62	5.48	3.60	4.62	5.57	4.27	4.91
23	5.54	3.21	4.65	5.65	3.70	4.77	5.63	4.45	5.05	5.53	4.35	4.92
24	5.53	3.33	4.53	5.97	3.61	4.92	5.35	4.34	4.93	5.70	4.25	5.03
25	6.00	3.36	4.65	6.02	4.02	5.16	5.34	4.48	4.87	5.99	4.22	5.18
26	5.59	3.34	4.44	5.46	4.24	4.96	5.93	4.37	5.20	6.34	3.95	5.22
27	5.13	2.80	3.94	5.33	4.10	4.74	6.12	4.19	5.31	6.43	3.75	5.21
28	5.23	3.65	4.34	5.26	4.40	4.78	5.95	3.67	5.02	6.49	3.96	5.30
29	---	---	---	5.14	4.07	4.70	6.05	3.57	4.92	6.53	4.19	5.40
30	---	---	---	5.36	4.22	4.83	5.87	3.43	4.78	6.83	4.25	5.42
31	---	---	---	6.16	4.13	4.97	---	---	---	6.29	4.27	5.35
MONTH	---	---	---	7.56	2.81	4.81	6.40	3.22	4.99	6.83	3.16	5.05

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.69	4.29	5.00	---	---	---	5.16	4.37	4.72	6.45	4.62	5.61
2	5.52	4.31	4.97	---	---	---	5.43	4.50	4.93	6.57	4.54	5.57
3	5.32	4.33	4.97	---	---	---	5.94	4.51	5.19	6.68	4.53	5.66
4	5.19	4.66	5.00	---	---	---	6.99	4.60	5.78	6.76	4.51	5.71
5	5.49	4.81	5.19	---	---	---	7.24	4.21	5.60	6.50	4.56	5.57
6	5.92	4.77	5.26	---	---	---	6.22	3.84	5.13	6.96	5.12	6.09
7	5.77	4.41	5.12	---	---	---	6.26	3.54	5.00	7.26	5.50	6.34
8	5.94	4.29	5.16	---	---	---	6.36	4.06	5.35	7.05	5.50	6.32
9	6.41	4.69	5.73	---	---	---	6.65	4.40	5.47	6.21	5.50	5.87
10	---	---	---	---	---	---	6.74	4.61	5.59	6.04	5.04	5.53
11	---	---	---	---	---	---	6.43	5.04	5.70	6.00	4.63	5.29
12	---	---	---	---	---	---	5.63	4.93	5.32	6.65	4.96	5.62
13	---	---	---	---	---	---	5.50	4.93	5.13	7.23	5.11	6.08
14	---	---	---	---	---	---	5.72	4.60	5.10	8.67	4.79	6.27
15	---	---	---	---	---	---	6.14	4.60	5.29	6.43	4.35	5.38
16	---	---	---	---	---	---	6.15	4.49	5.29	6.05	4.16	5.12
17	---	---	---	---	---	---	6.36	4.25	5.30	5.89	4.25	5.06
18	---	---	---	---	---	---	6.33	4.32	5.31	5.70	4.34	5.05
19	---	---	---	---	---	---	6.23	4.12	5.20	5.67	4.62	5.18
20	---	---	---	---	---	---	6.24	4.25	5.29	6.00	4.82	5.41
21	---	---	---	---	---	---	6.24	4.28	5.22	6.28	5.21	5.82
22	---	---	---	---	---	---	6.06	4.41	5.15	6.69	5.43	6.06
23	---	---	---	---	---	---	5.92	4.58	5.18	7.71	5.75	7.09
24	---	---	---	5.99	3.75	4.96	5.74	4.70	5.18	7.77	5.75	6.72
25	---	---	---	6.01	3.64	4.80	5.47	4.62	5.08	---	---	---
26	---	---	---	5.62	3.82	4.74	5.39	4.98	5.17	---	---	---
27	---	---	---	5.60	4.09	4.80	5.26	4.90	5.06	---	---	---
28	---	---	---	5.21	4.19	4.73	5.40	4.81	5.05	7.62	5.63	6.32
29	---	---	---	5.26	4.43	4.85	5.53	4.71	5.09	7.51	5.24	6.35
30	---	---	---	5.12	4.57	4.82	5.80	4.76	5.26	7.56	5.68	6.63
31	---	---	---	5.17	4.55	4.82	6.14	4.47	5.42	---	---	---
MONTH	---	---	---	---	---	---	7.24	3.54	5.24	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to September 2002 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1999 to September 2002 (discontinued).
WATER TEMPERATURE: June 1999 to September 2002 (discontinued).

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Records excellent, except for periods Oct 17-Nov. 8, Nov. 26-Dec. 8, Mar. 2-May 19, which are rated good; May 20-29, which are rated fair; and July 23-Sept. 25, 28-30, which are rated poor.
WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 54,400 microsiemens/cm, Nov. 16, 2000; minimum recorded, 17,000 microsiemens/cm, Mar. 21, 2001.
WATER TEMPERATURE: Maximum recorded, 32.7°C, Aug. 7, 1999; minimum recorded, 9.0°C, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 49,100 microsiemens/cm, Nov. 15; minimum, 24,700 microsiemens/cm, June 9.
WATER TEMPERATURE: Maximum, 31.2°C, Aug. 26, 29; minimum, 9.1°C, Mar. 5.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	42400	41100	41700	45700	40800	43700	---	---	---
2	---	---	---	41700	39500	41200	44900	42000	43100	---	---	---
3	---	---	---	42100	39300	40800	44200	39500	42100	---	---	---
4	---	---	---	42100	38400	40900	43100	40700	41900	---	---	---
5	37600	33900	35800	44000	38100	41300	42800	40000	41500	---	---	---
6	41100	34700	38000	44200	39000	42300	41900	39400	40700	---	---	---
7	42800	40600	42200	43000	39900	42100	41500	38400	40700	---	---	---
8	43600	40300	41200	42700	40400	42100	---	---	---	---	---	---
9	44500	43200	43800	42700	41400	42100	---	---	---	---	---	---
10	44600	43300	43900	41800	41200	41600	---	---	---	---	---	---
11	43500	38800	41600	43100	40400	42100	---	---	---	---	---	---
12	41200	37500	39500	44500	39800	41900	---	---	---	---	---	---
13	43800	38900	41000	47700	38500	44100	---	---	---	---	---	---
14	40000	36000	38000	48500	42100	46900	---	---	---	---	---	---
15	39100	37500	38400	49100	45300	46800	---	---	---	---	---	---
16	39500	34500	37400	48100	45900	47600	---	---	---	---	---	---
17	40800	35300	38400	48100	45800	46900	---	---	---	---	---	---
18	41900	39100	40300	47100	44500	45600	---	---	---	---	---	---
19	41900	37300	39600	45500	43300	44500	---	---	---	---	---	---
20	40600	35000	37600	45400	41500	43200	---	---	---	---	---	---
21	38900	33900	36600	47600	44000	45900	---	---	---	---	---	---
22	36600	33400	34800	48100	45300	47300	---	---	---	---	---	---
23	36900	34200	35600	47900	45100	46600	---	---	---	---	---	---
24	37000	34600	36000	47300	43000	45400	---	---	---	---	---	---
25	40600	35700	38600	44700	42100	43800	---	---	---	---	---	---
26	43500	36900	40600	44000	42100	43300	---	---	---	---	---	---
27	42900	35300	38100	44900	41600	43800	---	---	---	---	---	---
28	43200	39900	41600	46500	43300	44800	---	---	---	---	---	---
29	44400	40500	42900	47500	44000	45700	---	---	---	---	---	---
30	43300	41100	42400	47300	43000	45200	---	---	---	---	---	---
31	42900	41200	42000	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	49100	38100	43900	---	---	---	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	44200	41400	42500	34700	31000	32900	33100	28000	30300
2	---	---	---	44900	43300	44400	35100	32200	33900	32200	26900	29400
3	---	---	---	43800	38900	41900	33500	30800	32200	36000	26800	31200
4	---	---	---	40500	34500	39300	34300	31500	32600	38400	28100	33600
5	---	---	---	39800	30500	37700	37100	30900	34800	35200	30900	33600
6	---	---	---	40900	35800	38200	41000	32700	37000	39400	33300	36400
7	---	---	---	42700	34000	39800	38400	32500	35500	39000	35500	37700
8	---	---	---	42900	38100	41000	37300	34200	36000	40200	39000	39600
9	---	---	---	42400	39300	41200	36800	33800	35000	39300	37100	38500
10	40300	38300	38800	42900	40300	41200	34900	28700	30700	38300	35600	37200
11	---	---	---	42900	40700	42000	32400	29600	30900	36400	34800	35500
12	---	---	---	43200	41000	41900	32700	28500	31400	37400	35000	36200
13	---	---	---	42300	40200	41300	31900	27400	30300	35600	31000	34000
14	---	---	---	42000	41400	41700	28000	26400	27500	36800	30500	33800
15	---	---	---	42500	40900	42000	30000	27400	28700	36200	34400	35300
16	40600	37000	39900	41600	40000	41100	32500	28400	30900	37500	34300	36000
17	39100	35200	37300	41200	38100	40200	32600	29000	30800	39300	34700	37300
18	41400	32800	39200	39300	33400	35400	31800	28500	30200	38000	34400	36000
19	42100	39500	40900	34700	32100	33600	32600	29200	31300	41200	33100	38400
20	40200	38900	39600	35800	32300	34800	34300	30500	32600	43600	40600	42500
21	41200	35900	39700	34000	32300	33400	38400	32100	34200	42700	37900	39900
22	39900	37600	39200	36100	31800	34200	33900	29200	31800	39900	37400	38600
23	41800	37300	39900	36100	33200	35000	34600	30600	32700	40400	38500	39500
24	41900	38600	40500	36600	32800	35100	33100	31400	32100	41400	38700	40500
25	42400	37400	40500	36300	33800	35300	33200	30900	32000	43100	40800	41900
26	42300	37500	39600	35900	33600	34600	34000	31200	32700	44200	41400	43100
27	41300	37600	38700	35100	34300	34600	33800	30700	32600	44400	42000	43200
28	41700	39600	40900	35300	34300	34800	32600	29300	31600	43800	41500	42700
29	---	---	---	35400	34400	34900	33400	29100	31500	43600	34200	39500
30	---	---	---	34900	33200	34200	33500	28600	31000	38600	33100	35400
31	---	---	---	34600	32800	33700	---	---	---	37500	32500	34600
MONTH	---	---	---	44900	30500	38100	41000	26400	32200	44400	26800	37100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	37700	33200	34700	---	---	---	35500	31600	33700	40300	39200	39700
2	36600	34300	35200	---	---	---	37000	33500	35900	40100	38900	39400
3	36100	34100	35400	---	---	---	38900	34100	37100	40300	39000	39600
4	34200	28200	31300	---	---	---	41700	37400	39700	40100	39000	39500
5	31600	28200	30000	---	---	---	43500	36500	40200	39400	38900	39200
6	30600	26600	29200	---	---	---	41600	36000	39100	39500	38300	39000
7	31500	28200	30100	---	---	---	41700	37000	39600	40600	36900	38400
8	31300	27200	29200	---	---	---	41100	37200	39600	41400	39300	40500
9	29000	24700	26600	---	---	---	42100	39200	41000	41500	40400	41100
10	---	---	---	---	---	---	42700	38600	41300	41400	39600	40600
11	---	---	---	---	---	---	42100	38400	40500	40700	39200	40000
12	---	---	---	---	---	---	41200	36700	38600	40900	38300	39900
13	---	---	---	---	---	---	38900	35800	37500	40200	38200	39300
14	---	---	---	---	---	---	38700	35600	37200	40000	38300	39200
15	---	---	---	---	---	---	37600	35400	36800	40100	38400	39200
16	---	---	---	---	---	---	37800	35400	37000	39900	37200	38800
17	---	---	---	---	---	---	38500	35300	37100	38700	37200	38100
18	---	---	---	---	---	---	38000	34400	36900	39200	37100	37900
19	---	---	---	---	---	---	37700	34800	36600	39500	37200	38600
20	---	---	---	---	---	---	37100	34600	35800	40400	38500	39400
21	---	---	---	---	---	---	37300	34400	36100	41900	37000	38800
22	---	---	---	---	---	---	36800	34200	35600	40600	36100	38300
23	---	---	---	---	---	---	36600	34200	35500	39400	37500	38400
24	---	---	---	39800	36000	38200	36600	34300	35700	40000	37200	38500
25	---	---	---	39100	33900	36800	36000	34200	35100	41500	37600	39700
26	---	---	---	41800	34200	38800	36900	34800	35700	---	---	---
27	---	---	---	42900	38400	41200	36800	34600	35800	---	---	---
28	---	---	---	42700	37600	41000	36800	35500	36300	35900	32800	34400
29	---	---	---	37900	34300	36200	37600	35100	36400	33200	31200	32200
30	---	---	---	37800	33700	35700	39700	36800	37900	31300	29400	30400
31	---	---	---	35300	32200	34100	40600	38200	40200	---	---	---
MONTH	---	---	---	---	---	---	43500	31600	37500	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	20.0	19.0	19.5	20.0	19.0	19.4	---	---	---
2	---	---	---	20.2	19.5	20.0	19.5	18.7	19.1	---	---	---
3	---	---	---	20.8	19.9	20.2	19.2	18.5	18.9	---	---	---
4	---	---	---	20.9	19.8	20.3	19.3	18.8	19.0	---	---	---
5	24.9	24.2	24.5	20.4	19.3	19.8	19.6	19.0	19.3	---	---	---
6	24.7	23.5	24.4	20.1	19.4	19.8	20.0	19.3	19.6	---	---	---
7	23.6	22.5	23.0	20.5	19.6	20.0	20.3	19.5	19.9	---	---	---
8	23.2	22.1	22.6	21.0	20.1	20.5	---	---	---	---	---	---
9	23.5	23.1	23.3	20.9	20.2	20.6	---	---	---	---	---	---
10	23.7	23.4	23.6	20.9	20.2	20.5	---	---	---	---	---	---
11	24.4	23.6	23.9	21.1	20.2	20.6	---	---	---	---	---	---
12	24.6	24.1	24.3	20.8	20.2	20.6	---	---	---	---	---	---
13	25.1	24.3	24.6	20.7	20.0	20.4	---	---	---	---	---	---
14	24.7	23.8	24.3	20.4	19.9	20.2	---	---	---	---	---	---
15	24.2	23.3	23.6	20.3	19.7	20.0	---	---	---	---	---	---
16	23.6	21.8	22.8	20.1	19.1	19.7	---	---	---	---	---	---
17	21.8	20.6	21.0	19.8	19.0	19.4	---	---	---	---	---	---
18	20.9	19.8	20.4	19.9	19.1	19.5	---	---	---	---	---	---
19	21.1	19.5	20.2	20.2	19.4	19.8	---	---	---	---	---	---
20	21.7	20.3	20.7	19.9	18.5	19.4	---	---	---	---	---	---
21	21.6	20.6	21.1	18.5	17.8	18.1	---	---	---	---	---	---
22	22.4	21.0	21.6	18.3	17.6	18.0	---	---	---	---	---	---
23	23.0	22.0	22.4	18.7	18.0	18.3	---	---	---	---	---	---
24	24.0	22.5	23.1	19.5	18.6	19.0	---	---	---	---	---	---
25	23.5	21.8	22.6	19.8	19.2	19.5	---	---	---	---	---	---
26	21.8	20.6	21.2	20.3	19.4	19.9	---	---	---	---	---	---
27	20.6	19.2	20.0	20.7	20.1	20.4	---	---	---	---	---	---
28	19.2	18.6	18.8	21.3	20.7	21.0	---	---	---	---	---	---
29	18.7	18.0	18.5	21.5	20.7	21.3	---	---	---	---	---	---
30	19.0	17.9	18.5	20.7	19.5	20.0	---	---	---	---	---	---
31	19.3	18.3	18.9	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	21.5	17.6	19.9	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	14.0	12.5	13.0	21.4	20.2	20.8	27.5	26.7	27.1
2	---	---	---	14.6	14.0	14.4	21.9	20.6	21.2	27.2	26.0	26.8
3	---	---	---	14.7	11.0	13.1	22.6	21.6	22.0	27.4	26.2	26.7
4	---	---	---	11.0	9.3	10.4	22.0	20.0	20.7	27.3	26.0	26.7
5	---	---	---	11.4	9.1	10.5	20.0	18.8	19.4	27.7	26.8	27.2
6	---	---	---	12.6	10.1	11.5	19.2	18.0	18.7	27.9	26.8	27.2
7	---	---	---	13.9	11.6	12.9	19.8	18.1	19.0	28.3	27.0	27.5
8	---	---	---	14.7	13.2	14.0	20.6	19.3	19.9	28.4	26.8	27.5
9	---	---	---	15.7	14.5	14.8	20.2	19.9	20.0	28.6	27.4	28.0
10	13.0	11.9	12.4	14.5	12.8	13.7	21.6	19.9	20.6	28.8	27.8	28.2
11	---	---	---	15.0	13.1	14.0	21.5	20.8	21.1	28.8	27.5	28.1
12	---	---	---	15.2	14.3	14.7	21.3	20.9	21.1	28.8	27.7	28.2
13	---	---	---	15.2	14.5	14.9	22.1	20.8	21.2	28.5	27.0	28.1
14	---	---	---	15.6	14.5	15.1	22.6	21.3	21.8	27.0	25.9	26.4
15	---	---	---	17.1	15.6	16.4	23.8	22.0	22.8	26.1	25.1	25.6
16	14.3	13.3	13.8	18.6	17.1	17.9	24.6	22.9	23.8	26.0	24.8	25.2
17	14.2	13.2	13.8	21.2	18.4	19.7	25.4	24.1	24.7	26.9	25.7	26.3
18	14.9	13.8	14.4	21.4	20.4	20.9	26.1	24.9	25.3	26.4	23.9	25.5
19	15.5	14.7	15.0	22.0	20.9	21.5	26.8	25.2	26.0	24.0	22.5	23.3
20	16.3	15.3	15.8	22.5	21.6	22.0	27.1	25.4	26.3	23.0	21.7	22.4
21	17.0	15.8	16.3	22.4	20.5	21.6	26.2	24.2	25.3	23.3	21.5	22.3
22	16.7	15.1	15.9	20.5	17.9	18.8	26.4	25.0	25.9	22.6	21.5	22.2
23	15.2	13.9	14.7	18.2	17.2	17.7	25.0	24.3	24.7	23.2	21.9	22.6
24	15.3	13.5	14.6	18.7	17.1	17.9	26.2	24.9	25.4	24.2	22.7	23.4
25	15.8	14.3	15.2	19.5	17.8	18.6	27.0	25.2	25.8	25.5	23.7	24.4
26	15.8	14.2	15.3	19.6	19.0	19.3	26.0	24.8	25.4	26.3	24.6	25.3
27	14.2	12.1	12.9	19.0	18.0	18.5	26.8	25.4	26.0	27.4	25.2	26.1
28	13.1	12.0	12.7	19.4	18.0	18.7	27.5	26.1	26.7	27.4	26.0	26.6
29	---	---	---	20.6	19.0	19.7	27.8	26.3	27.0	27.1	26.4	26.8
30	---	---	---	21.6	20.0	20.7	28.0	26.9	27.4	27.0	26.3	26.7
31	---	---	---	21.6	21.1	21.3	---	---	---	27.5	26.5	27.0
MONTH	---	---	---	22.5	9.1	16.7	28.0	18.0	23.2	28.8	21.5	26.0

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.2	27.1	27.7	---	---	---	30.3	29.8	30.0	29.8	29.2	29.4
2	28.4	27.8	28.1	---	---	---	30.6	29.5	30.0	29.2	28.5	28.8
3	29.1	27.9	28.4	---	---	---	30.7	29.4	30.1	28.5	28.0	28.3
4	29.4	27.7	28.5	---	---	---	30.3	29.0	29.8	28.6	28.1	28.3
5	29.2	27.9	28.6	---	---	---	29.0	28.1	28.5	29.2	28.2	28.7
6	29.5	28.0	28.7	---	---	---	28.8	28.1	28.4	29.1	28.5	28.9
7	30.6	28.8	29.4	---	---	---	30.3	28.6	29.1	28.5	27.6	28.1
8	30.0	29.4	29.7	---	---	---	30.0	29.4	29.7	28.0	27.4	27.7
9	29.8	28.8	29.0	---	---	---	29.6	28.6	29.0	28.2	27.3	27.8
10	---	---	---	---	---	---	29.0	28.1	28.6	29.0	27.8	28.2
11	---	---	---	---	---	---	29.0	28.3	28.7	29.2	28.2	28.7
12	---	---	---	---	---	---	28.8	28.1	28.5	29.7	28.8	29.2
13	---	---	---	---	---	---	28.7	28.2	28.4	29.4	28.8	29.1
14	---	---	---	---	---	---	29.3	28.3	28.7	28.9	28.0	28.5
15	---	---	---	---	---	---	29.6	28.5	29.0	29.5	28.4	28.9
16	---	---	---	---	---	---	30.0	28.9	29.4	29.6	29.0	29.2
17	---	---	---	---	---	---	30.4	29.3	29.7	29.6	29.0	29.3
18	---	---	---	---	---	---	30.9	29.9	30.3	30.0	29.2	29.5
19	---	---	---	---	---	---	30.8	30.4	30.5	30.2	29.2	29.7
20	---	---	---	---	---	---	31.0	30.0	30.4	30.2	29.4	29.7
21	---	---	---	---	---	---	31.1	30.4	30.7	29.9	29.2	29.5
22	---	---	---	---	---	---	30.4	30.1	30.2	29.7	29.1	29.5
23	---	---	---	---	---	---	30.9	29.7	30.2	29.1	28.3	28.6
24	---	---	---	30.8	30.1	30.4	31.1	30.2	30.5	28.5	27.4	27.9
25	---	---	---	30.6	30.0	30.2	31.1	30.2	30.6	27.5	27.1	27.3
26	---	---	---	30.5	30.0	30.2	31.2	30.2	30.5	---	---	---
27	---	---	---	30.3	29.8	30.0	31.1	30.1	30.6	---	---	---
28	---	---	---	30.5	29.9	30.0	31.0	30.2	30.6	25.9	25.0	25.3
29	---	---	---	31.0	30.0	30.5	31.2	30.0	30.5	26.5	25.5	25.9
30	---	---	---	30.8	30.0	30.2	30.7	30.0	30.3	27.2	26.3	26.7
31	---	---	---	31.1	29.9	30.2	30.3	29.7	30.0	---	---	---
MONTH	---	---	---	---	---	---	31.2	28.1	29.7	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA

LOCATION.--Lat 30°07'22", long 89°15'01", Sec. 12, T.11 S., R. 19 E., St. Bernard Parish, Hydrologic Unit 08090203, on a U.S. Goast Guard Navigational Aid structure, located in Grand Pass nr Oyster Bay, and 12 miles southeast of Waveland, MS.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is an assumed elevation.

REMARKS.--Satellite telemetry at station. Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 6.78 ft, Sep. 13, 2001; minimum recorded, 2.11 ft, Dec. 17, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.74 ft, June 10; minimum gage height, 2.19 ft, Aug. 7.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.90	4.03	4.49	---	---	---	5.44	3.37	4.40	6.10	3.71	4.75
2	4.70	4.32	4.49	---	---	---	5.35	3.11	4.11	6.29	3.87	4.85
3	5.16	4.13	4.58	---	---	---	5.28	3.15	4.13	5.71	3.06	4.46
4	---	---	---	---	---	---	5.33	3.25	4.24	5.25	3.45	4.29
5	---	---	---	---	---	---	5.43	3.52	4.37	6.55	4.56	5.23
6	---	---	---	---	---	---	5.12	3.51	4.26	5.47	2.82	3.68
7	---	---	---	---	---	---	---	---	---	4.45	2.68	3.75
8	---	---	---	---	---	---	---	---	---	4.32	3.32	3.81
9	---	---	---	5.30	3.77	4.54	---	---	---	4.54	3.02	3.75
10	---	---	---	5.01	3.84	4.48	---	---	---	4.73	2.85	3.75
11	---	---	---	4.87	4.46	4.68	---	---	---	4.64	2.73	3.66
12	---	---	---	5.01	4.21	4.63	---	---	---	4.46	2.68	3.30
13	---	---	---	5.63	4.06	4.94	---	---	---	---	---	---
14	---	---	---	5.48	4.22	4.86	5.09	2.50	3.84	---	---	---
15	---	---	---	5.39	3.88	4.60	5.48	3.46	4.36	---	---	---
16	---	---	---	5.22	3.49	4.27	5.46	3.10	4.20	---	---	---
17	---	---	---	5.11	3.25	4.11	5.49	3.04	3.88	4.30	2.89	3.51
18	---	---	---	5.29	3.14	4.08	4.68	2.99	3.78	---	---	---
19	---	---	---	5.32	3.50	4.27	4.81	2.52	3.59	---	---	---
20	---	---	---	5.14	3.61	4.24	4.74	3.45	4.02	---	---	---
21	---	---	---	5.22	3.79	4.51	5.02	3.88	4.47	---	---	---
22	---	---	---	5.34	4.15	4.71	5.05	4.01	4.51	---	---	---
23	---	---	---	5.52	4.12	4.84	5.14	3.86	4.54	---	---	---
24	---	---	---	5.66	4.64	5.07	4.75	4.28	4.56	---	---	---
25	---	---	---	4.81	4.32	4.58	5.05	4.06	4.63	---	---	---
26	---	---	---	4.87	4.48	4.62	5.00	3.75	4.26	---	---	---
27	---	---	---	5.47	4.21	4.78	5.11	3.00	4.13	---	---	---
28	---	---	---	5.97	4.34	5.05	5.53	3.24	4.36	---	---	---
29	---	---	---	6.01	4.32	5.13	5.70	3.44	4.44	---	---	---
30	---	---	---	5.60	3.45	4.47	5.78	3.73	4.64	---	---	---
31	---	---	---	---	---	---	5.96	3.74	4.75	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	6.15	4.47	5.14	5.58	3.73	4.66	5.20	3.14	4.24
2	---	---	---	6.58	4.87	5.73	5.79	3.72	4.76	5.24	3.38	4.37
3	---	---	---	5.33	3.32	4.37	5.63	3.90	4.67	5.17	3.52	4.38
4	---	---	---	3.84	2.76	3.32	5.18	3.70	4.44	4.97	3.46	4.28
5	---	---	---	4.34	2.50	3.44	4.95	3.37	4.18	4.92	3.65	4.40
6	---	---	---	4.76	2.84	3.83	5.01	3.47	4.31	5.02	4.01	4.57
7	---	---	---	5.04	3.27	4.20	5.59	3.57	4.57	4.86	4.46	4.66
8	---	---	---	5.31	3.53	4.45	5.96	4.59	5.23	4.80	4.52	4.69
9	---	---	---	5.06	3.76	4.36	5.89	5.13	5.46	4.90	4.25	4.65
10	---	---	---	4.75	3.49	4.11	5.32	4.54	4.92	5.08	4.12	4.64
11	---	---	---	5.02	3.74	4.32	5.55	4.74	5.03	5.28	3.92	4.70
12	---	---	---	5.12	3.97	4.50	5.66	4.87	5.20	5.71	3.98	4.90
13	---	---	---	4.77	3.55	4.28	5.61	4.53	5.22	5.32	2.86	4.60
14	---	---	---	4.96	4.03	4.40	5.55	4.08	4.96	5.86	2.86	4.64
15	---	---	---	4.96	4.41	4.61	5.38	3.93	4.69	6.01	3.75	4.89
16	4.41	3.46	3.93	4.83	4.31	4.60	5.46	3.89	4.73	5.78	3.83	4.80
17	4.04	3.61	3.77	4.90	4.08	4.53	5.54	3.66	4.64	5.65	3.72	4.67
18	4.91	3.65	4.37	5.07	3.99	4.55	5.31	3.61	4.44	5.21	3.72	4.44
19	5.46	4.25	4.82	5.33	3.97	4.64	5.26	3.44	4.38	5.48	3.53	4.61
20	5.53	4.60	5.05	5.52	4.11	4.87	5.09	3.38	4.29	5.02	3.84	4.51
21	5.47	3.99	4.71	5.16	3.57	4.46	5.06	3.44	4.36	4.87	3.89	4.41
22	5.05	3.25	4.27	5.05	3.10	4.22	4.92	3.18	4.13	5.06	3.91	4.48
23	4.99	3.19	4.16	5.21	3.52	4.40	5.18	4.13	4.65	5.16	4.20	4.57
24	5.05	3.08	4.08	5.54	3.34	4.51	4.83	3.97	4.50	5.28	4.06	4.69
25	5.42	3.13	4.20	5.58	3.86	4.83	4.82	4.07	4.40	5.55	3.98	4.84
26	5.25	2.85	4.02	5.26	4.05	4.68	5.45	4.11	4.81	5.88	3.81	4.87
27	4.51	2.60	3.43	5.16	3.90	4.42	5.66	3.93	4.92	5.94	3.62	4.86
28	4.55	3.43	3.90	4.86	4.17	4.50	5.50	3.48	4.64	5.99	3.62	4.90
29	---	---	---	4.73	3.80	4.41	5.48	3.35	4.46	5.97	3.95	4.98
30	---	---	---	5.04	4.08	4.55	5.29	3.21	4.32	6.69	4.00	5.57
31	---	---	---	5.81	3.85	4.69	---	---	---	6.25	4.57	5.43
MONTH	---	---	---	6.58	2.50	4.45	5.96	3.18	4.67	6.69	2.86	4.69

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.32	4.14	4.79	5.15	4.11	4.71	4.13	3.31	3.68	---	---	---
2	---	---	---	4.88	4.29	4.62	4.32	3.52	3.84	---	---	---
3	---	---	---	4.74	4.12	4.44	4.81	3.48	4.11	---	---	---
4	---	---	---	4.90	3.96	4.39	5.40	3.96	4.64	---	---	---
5	---	---	---	5.00	3.86	4.40	5.92	3.06	4.52	---	---	---
6	---	---	---	5.37	3.99	4.67	4.68	2.52	3.69	---	---	---
7	---	---	---	5.52	3.61	4.62	4.63	2.19	3.52	---	---	---
8	5.99	4.54	5.28	5.97	3.61	4.95	4.69	2.37	3.83	---	---	---
9	6.54	4.81	5.71	6.01	4.03	5.02	4.91	2.96	3.93	---	---	---
10	6.74	4.44	5.64	6.27	4.14	5.22	4.70	2.97	3.91	---	---	---
11	6.52	4.26	5.41	6.23	4.14	5.19	4.18	3.00	3.71	---	---	---
12	6.27	4.01	5.17	6.14	4.03	5.18	3.33	2.91	3.11	---	---	---
13	6.02	3.92	4.98	5.95	4.00	4.95	---	---	---	---	---	---
14	5.75	3.80	4.76	5.27	3.86	4.54	---	---	---	---	---	---
15	5.92	3.63	4.78	4.69	3.82	4.24	---	---	---	---	---	---
16	5.20	3.55	4.36	4.48	3.94	4.27	---	---	---	---	---	---
17	5.01	3.80	4.57	4.47	3.59	4.04	---	---	---	---	---	---
18	4.67	4.08	4.37	---	---	---	---	---	---	---	---	---
19	4.17	3.50	3.92	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	5.62	3.46	4.60	---	---	---	---	---	---
22	---	---	---	5.45	3.10	4.50	---	---	---	---	---	---
23	---	---	---	5.35	3.24	4.30	---	---	---	---	---	---
24	---	---	---	5.41	3.33	4.35	---	---	---	---	---	---
25	---	---	---	5.22	3.10	4.19	---	---	---	---	---	---
26	---	---	---	4.90	3.10	4.02	---	---	---	---	---	---
27	---	---	---	4.74	3.31	4.03	---	---	---	---	---	---
28	---	---	---	4.39	3.39	3.93	---	---	---	---	---	---
29	5.44	3.86	4.69	4.46	3.51	3.95	---	---	---	---	---	---
30	5.23	4.09	4.72	4.11	3.57	3.84	---	---	---	---	---	---
31	---	---	---	4.12	3.51	3.81	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to current year.

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

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Records excellent except for the period Nov. 16-20, which are good, Nov. 21-Dec. 15, which are fair, and Oct. 1-4 and Dec. 16-Jan. 6, which are poor.
WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 52,200 microsiemens/cm, Jan. 28, 2000; minimum recorded, 5,670 microsiemens/cm, Mar. 21, 2001.
WATER TEMPERATURE: Maximum recorded, 33.4°C, July 8, 2000; minimum recorded, 3.9°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 50,200 microsiemens/cm, Nov. 23; minimum, 10,200 microsiemens/cm, Apr. 18.
WATER TEMPERATURE: Maximum, 33.2°C, July 3; minimum, 5.7°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	33600	28000	31900	---	---	---	47300	40800	44200	31500	29600	30200
2	33300	29000	31600	---	---	---	46200	37000	42500	32400	29700	31000
3	32700	27200	30700	---	---	---	45500	35300	42400	31300	23800	27000
4	---	---	---	---	---	---	46000	32500	42600	26000	21900	24500
5	---	---	---	---	---	---	46000	38300	43700	30700	25700	28500
6	---	---	---	---	---	---	45700	33000	41500	30400	19400	25400
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	39500	25200	32200	---	---	---	---	---	---
10	---	---	---	36300	25000	31000	---	---	---	---	---	---
11	---	---	---	35600	26700	31700	---	---	---	---	---	---
12	---	---	---	34200	24900	29400	---	---	---	---	---	---
13	---	---	---	42200	25400	33700	---	---	---	---	---	---
14	---	---	---	46700	39000	42300	32100	19300	24300	---	---	---
15	---	---	---	45400	38400	42200	31700	24300	27800	---	---	---
16	---	---	---	45400	36100	41700	31600	22600	27700	---	---	---
17	---	---	---	45500	33400	40100	31400	22700	26300	---	---	---
18	---	---	---	45500	34000	39600	26000	18900	22600	---	---	---
19	---	---	---	45700	33700	40400	27100	15200	19600	---	---	---
20	---	---	---	46400	35700	41700	21700	17100	19100	---	---	---
21	---	---	---	46900	41900	44900	27600	20800	23700	---	---	---
22	---	---	---	49000	44000	46700	29800	25300	26900	---	---	---
23	---	---	---	50200	34700	43900	30900	23600	27000	---	---	---
24	---	---	---	49100	40300	44900	26900	23800	25400	---	---	---
25	---	---	---	40300	35000	36300	25300	24000	24600	---	---	---
26	---	---	---	42900	36400	38400	24300	16700	21300	---	---	---
27	---	---	---	47700	37200	42700	20900	15300	17000	---	---	---
28	---	---	---	50100	42100	46100	23200	12500	17800	---	---	---
29	---	---	---	50100	43100	46900	24700	14200	19800	---	---	---
30	---	---	---	47300	40900	44000	29200	24100	26000	---	---	---
31	---	---	---	---	---	---	29900	26900	28500	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	43100	35200	40000	30700	22900	26400	26600	14800	18200
2	---	---	---	45400	28700	41500	31500	22000	27000	26500	14000	19700
3	---	---	---	34300	28700	31500	31000	22300	26400	26700	16900	20700
4	---	---	---	31200	24900	28500	27300	23100	25400	24100	14900	19600
5	---	---	---	33100	19300	25600	25300	23200	24400	23900	14000	18800
6	---	---	---	34500	12600	26100	26600	23800	25200	25600	17900	21900
7	---	---	---	37500	18300	28700	28600	19500	25600	26300	22000	24300
8	---	---	---	39300	22500	33200	29800	26600	28700	27100	25100	26200
9	---	---	---	37100	27700	34500	29700	26900	28400	28200	26600	27600
10	---	---	---	35400	30300	31900	26900	22500	24000	29300	27300	28300
11	---	---	---	39900	33400	36300	26500	20100	23800	32100	28200	29900
12	---	---	---	39900	30200	34200	26700	23200	25700	32700	28700	31200
13	---	---	---	32600	25300	28800	25600	23300	24100	33200	28100	31000
14	---	---	---	35500	27500	31000	24700	19100	22900	35500	29800	33400
15	---	---	---	36200	34700	35200	24100	17600	20900	34700	33200	33900
16	25100	16700	22300	35200	23500	30000	25900	16900	21300	35100	33300	34400
17	20500	15900	17700	36800	26000	30000	25900	16400	20600	35400	33300	34800
18	39300	16200	28600	38400	27000	34500	25300	10200	18300	35000	31400	33700
19	37800	32400	35700	39700	32700	37000	24400	12200	16700	34300	32100	33300
20	36100	24800	33400	38200	34000	36200	23000	11000	15600	35600	33200	34400
21	33600	22000	27800	36800	31100	34200	24000	11300	15500	37300	34000	35000
22	31800	25700	28100	31500	26800	29200	24100	11500	16800	38400	33700	36300
23	34600	30400	32700	32900	27900	30100	28100	14200	23800	37400	35500	36600
24	36900	28800	33800	34200	27300	30700	27000	15300	21700	37900	36000	36800
25	39800	29100	34200	34100	28900	32500	22500	18800	20100	39000	36600	37800
26	39400	26800	30700	32900	29600	31300	24900	20500	22900	39400	35200	37900
27	33400	23200	26700	30500	27900	28800	26200	19000	23900	39300	35200	37600
28	36100	28900	33200	30800	27500	29600	25900	18700	21400	40200	34900	37900
29	---	---	---	30700	21300	27000	26000	17800	21100	40700	36200	38900
30	---	---	---	32400	22900	28100	25400	17000	20400	42000	36600	39500
31	---	---	---	31800	23400	29000	---	---	---	41000	36200	39300
MONTH	---	---	---	45400	12600	31800	31500	10200	22600	42000	14000	31300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	40000	34300	37700	28500	26300	27700	25600	21500	23400	41400	36000	39500
2	38100	29400	33800	28800	25000	27100	25200	22100	23800	42400	35700	39700
3	36300	27500	31700	26900	24100	25200	40400	23100	31300	42100	35400	39700
4	37800	26100	33300	26600	24500	25300	40400	32400	36600	42200	33700	39500
5	37900	28300	34800	27300	22000	24900	42500	30400	37400	41900	32100	38300
6	36600	32800	35000	29400	24000	27100	38300	30200	34400	42100	32100	39900
7	35900	30200	33800	31800	26600	29400	39000	29600	33900	42400	38700	40900
8	35000	28500	32600	32600	28800	31500	41200	28400	36600	42900	40300	42000
9	34000	29000	32800	33300	28800	32000	41000	31600	38600	42500	38200	40300
10	33400	27900	31600	34700	29000	32500	42600	33700	39700	39500	32900	36600
11	32600	27500	30300	33700	29100	30900	41300	37600	39700	37700	27800	32000
12	32000	28000	30400	33200	27900	31100	39000	29600	34600	38000	27800	33900
13	31600	28600	30500	33500	25000	30300	34000	25400	28600	41200	34400	39000
14	31400	28900	30500	26100	23800	25100	34600	23800	27700	42500	37400	41000
15	31300	29000	30200	25000	22000	23600	38000	28100	33500	41400	28000	34400
16	30900	27700	29900	25600	21400	23600	38700	30900	35600	33400	27200	30600
17	32200	30200	31200	26400	20200	22400	38000	31300	35300	33400	26900	30300
18	32800	30300	31800	28300	21000	24300	37900	32400	35400	31700	26400	29600
19	32800	30600	31700	28100	21100	24800	36700	30400	34600	36600	27100	32000
20	32800	30400	31400	28300	21800	25600	37600	30500	35100	37500	31300	35000
21	32100	29000	30700	30700	25800	27700	37400	31400	35000	39100	31800	36200
22	31200	29300	30200	32500	22900	30200	36000	29300	33700	41400	37200	39600
23	34100	29700	32400	34200	22900	30200	36300	27500	32900	42500	39800	41600
24	33600	30400	32400	36100	24100	31200	35000	27100	29800	43900	40400	42600
25	33000	30400	32000	36500	26600	32000	31200	26500	28300	42500	40300	41700
26	32400	27600	30800	35500	24200	30100	30600	26500	28900	47300	34900	40600
27	31000	26600	29000	34500	25500	30100	28600	25700	27300	37200	34000	35500
28	30200	26400	28500	32100	26000	29400	30500	26100	28100	37200	27800	31900
29	29200	25400	27600	30900	24400	27900	29800	25700	28300	33700	27800	29700
30	29400	27000	28200	28700	23200	25300	36900	28700	31800	30500	27500	29500
31	---	---	---	27200	22400	24300	40500	35600	37600	---	---	---
MONTH	40000	25400	31600	36500	20200	27800	42600	21500	32800	47300	26400	36800

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.3	21.7	22.5	---	---	---	19.4	18.6	18.9	10.3	8.5	9.5
2	23.4	22.2	22.7	---	---	---	19.2	18.3	18.7	9.0	7.4	8.2
3	24.1	22.5	23.3	---	---	---	19.4	18.1	18.7	7.7	6.1	7.0
4	---	---	---	---	---	---	20.0	18.5	19.1	7.3	5.7	6.6
5	---	---	---	---	---	---	20.4	18.8	19.5	8.8	6.7	7.4
6	---	---	---	---	---	---	20.9	19.6	20.2	8.5	7.5	7.8
7	---	---	---	---	---	---	---	---	---	7.9	7.0	7.4
8	---	---	---	---	---	---	---	---	---	8.5	6.3	7.2
9	---	---	---	21.6	20.2	20.9	---	---	---	9.1	6.8	7.9
10	---	---	---	21.3	20.4	20.8	---	---	---	10.4	8.1	9.3
11	---	---	---	21.0	20.5	20.7	---	---	---	11.4	9.6	10.4
12	---	---	---	21.3	20.0	20.6	---	---	---	---	---	---
13	---	---	---	20.8	19.8	20.1	---	---	---	---	---	---
14	---	---	---	20.4	19.7	19.9	19.6	18.7	19.1	---	---	---
15	---	---	---	20.7	19.5	20.0	18.9	18.0	18.5	---	---	---
16	---	---	---	20.6	19.4	19.9	20.1	18.5	19.2	---	---	---
17	---	---	---	20.4	19.1	19.7	20.2	19.0	19.7	13.3	11.5	12.3
18	---	---	---	20.6	19.1	19.8	20.1	18.1	18.8	---	---	---
19	---	---	---	21.1	19.5	20.2	18.3	17.2	18.0	---	---	---
20	---	---	---	20.4	18.6	19.8	17.2	14.9	15.8	---	---	---
21	---	---	---	18.6	17.1	17.7	15.3	14.2	14.9	---	---	---
22	---	---	---	17.9	16.8	17.4	16.3	14.4	15.4	---	---	---
23	---	---	---	19.1	17.5	18.3	16.2	15.2	15.9	---	---	---
24	---	---	---	19.9	18.6	19.2	15.2	14.1	14.6	---	---	---
25	---	---	---	19.9	19.2	19.6	14.2	12.2	13.0	---	---	---
26	---	---	---	20.8	19.4	20.2	12.5	10.4	12.2	---	---	---
27	---	---	---	21.3	20.4	20.8	11.6	10.4	11.0	---	---	---
28	---	---	---	21.6	20.3	21.2	11.9	10.2	11.0	---	---	---
29	---	---	---	21.8	20.3	21.3	12.8	10.6	11.8	---	---	---
30	---	---	---	20.3	19.2	19.7	12.6	11.5	12.0	---	---	---
31	---	---	---	---	---	---	11.6	10.0	10.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	12.8	10.9	12.0	21.2	20.1	20.6	27.5	26.4	26.9
2	---	---	---	14.2	12.8	13.3	22.2	20.2	21.2	28.0	26.3	27.0
3	---	---	---	13.5	10.3	11.8	23.5	21.4	22.3	28.2	26.5	27.3
4	---	---	---	10.3	9.1	9.6	22.0	19.6	20.3	28.6	26.8	27.6
5	---	---	---	10.8	8.1	9.6	19.6	17.5	18.8	30.0	27.4	28.4
6	---	---	---	12.1	8.2	10.6	18.6	16.8	17.8	29.2	27.1	28.1
7	---	---	---	13.5	10.7	12.1	19.8	17.1	18.5	29.2	26.9	27.9
8	---	---	---	14.8	11.4	13.3	20.9	19.5	20.2	28.9	27.3	28.2
9	---	---	---	15.4	12.7	14.2	20.6	20.0	20.3	28.7	27.5	28.2
10	---	---	---	14.3	12.2	13.1	22.3	19.6	20.7	29.1	27.6	28.3
11	---	---	---	14.6	12.7	13.6	22.1	20.8	21.4	29.3	27.8	28.5
12	---	---	---	15.0	14.0	14.4	21.7	21.0	21.4	29.0	27.9	28.4
13	---	---	---	15.0	14.0	14.5	22.0	20.9	21.4	28.4	27.0	27.9
14	---	---	---	16.5	14.1	15.3	23.5	21.5	22.2	27.0	23.1	25.0
15	---	---	---	18.1	15.3	16.8	24.5	22.3	23.1	25.8	23.4	24.6
16	14.3	12.8	13.5	20.7	17.9	19.3	25.5	23.1	24.0	25.9	23.9	24.8
17	15.2	13.2	14.0	22.2	19.7	20.7	25.9	23.5	24.6	26.8	25.0	25.7
18	15.0	13.8	14.3	22.2	20.2	21.4	26.5	23.9	25.2	25.8	23.2	24.7
19	15.7	14.1	15.0	22.9	20.2	22.1	27.2	24.8	25.7	23.2	20.3	21.8
20	17.4	15.5	16.3	23.7	22.4	23.0	27.5	25.3	26.1	21.9	19.9	20.9
21	17.4	16.1	16.8	22.4	20.1	21.3	27.5	25.1	26.1	22.0	20.2	21.1
22	16.6	15.0	15.8	20.1	17.3	18.4	27.4	25.5	26.2	22.3	20.3	21.5
23	15.1	13.4	14.2	17.7	15.8	17.0	26.4	24.5	25.4	22.7	20.9	22.0
24	14.9	13.6	14.2	18.2	16.5	17.3	26.3	24.5	25.3	24.3	22.1	23.1
25	16.4	14.3	15.3	19.4	17.5	18.5	27.2	24.9	25.8	25.5	23.3	24.3
26	15.9	13.8	15.2	20.2	18.7	19.5	26.2	24.8	25.4	26.8	24.5	25.3
27	13.8	11.9	12.8	19.3	17.6	18.4	26.4	24.8	25.7	27.1	25.2	26.1
28	12.4	10.6	11.5	19.5	17.9	18.7	27.2	25.6	26.4	27.8	25.8	26.8
29	---	---	---	21.0	19.0	19.9	28.6	25.8	27.1	27.2	26.2	26.8
30	---	---	---	22.6	20.5	21.4	28.0	26.6	27.4	27.0	25.7	26.4
31	---	---	---	22.4	20.9	21.9	---	---	---	27.7	25.8	26.7
MONTH	---	---	---	23.7	8.1	16.5	28.6	16.8	23.2	30.0	19.9	25.8

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.9	26.6	27.6	31.1	28.7	29.6	30.4	29.4	29.9	29.9	28.6	29.1
2	29.5	27.1	28.2	31.0	29.2	30.2	31.7	29.0	29.7	28.6	28.0	28.4
3	30.0	27.9	28.7	33.2	29.7	30.7	30.8	28.9	29.7	28.1	27.8	27.9
4	30.8	27.9	29.5	31.9	29.8	31.0	29.9	28.4	29.4	28.3	27.5	27.9
5	30.3	28.1	29.6	32.5	30.1	31.1	28.6	28.2	28.4	29.3	27.6	28.3
6	30.3	29.3	29.5	31.9	30.5	31.1	28.8	28.0	28.3	29.6	28.1	28.8
7	30.7	29.2	29.7	31.5	30.4	30.9	30.2	28.2	29.0	28.4	27.5	27.9
8	30.4	29.7	30.1	30.7	29.8	30.4	30.6	29.1	29.8	27.9	27.1	27.5
9	30.2	28.8	29.3	30.5	29.4	29.9	29.4	28.5	29.0	28.6	27.2	27.8
10	29.0	28.2	28.6	31.4	29.4	30.3	28.8	27.7	28.2	29.1	27.4	28.2
11	29.4	27.9	28.5	31.7	29.8	30.6	28.8	27.6	28.2	30.4	27.7	28.9
12	30.4	28.0	28.9	31.6	30.0	30.8	29.1	27.8	28.3	30.6	28.8	29.4
13	30.8	28.4	29.5	31.1	30.0	30.5	29.0	27.7	28.4	29.6	28.8	29.2
14	30.4	29.1	29.8	30.4	29.7	30.0	29.5	28.4	29.0	29.2	28.1	28.7
15	29.9	26.6	28.6	30.3	29.1	29.6	29.8	28.6	29.2	30.1	28.6	29.3
16	28.6	27.7	28.2	31.2	28.8	29.8	29.9	29.1	29.5	30.4	29.0	29.7
17	28.0	26.6	27.4	32.3	29.8	30.7	30.4	29.0	29.7	30.3	29.3	29.8
18	28.1	26.8	27.5	32.1	30.3	31.2	31.4	29.9	30.5	30.7	29.1	29.8
19	28.6	27.2	27.8	32.8	30.9	31.7	31.8	30.3	30.9	30.4	28.8	29.6
20	28.3	27.7	27.9	33.0	31.4	32.1	31.7	30.3	30.9	29.9	29.1	29.4
21	28.4	27.3	27.8	32.5	30.8	31.6	31.4	30.3	30.7	30.3	29.0	29.5
22	27.7	26.5	27.0	31.6	30.1	30.8	30.4	29.4	29.7	30.5	28.9	29.7
23	27.5	25.7	26.6	31.1	29.1	30.1	30.6	29.0	29.8	28.9	27.5	28.2
24	27.9	26.5	27.2	31.4	29.7	30.2	31.7	29.5	30.1	28.1	26.5	27.2
25	28.6	27.1	27.7	30.1	29.3	29.7	31.5	29.7	30.3	26.8	26.0	26.3
26	28.6	27.4	28.0	30.9	28.7	29.6	31.8	29.7	30.4	27.0	24.7	26.0
27	28.6	27.4	28.0	31.7	28.8	30.0	31.9	29.5	30.4	25.6	24.4	25.0
28	29.0	27.4	28.2	31.4	29.5	30.2	31.2	29.9	30.5	26.4	25.2	25.7
29	30.0	27.9	28.8	31.0	29.7	30.3	31.3	29.5	30.3	27.0	25.7	26.4
30	30.1	28.2	29.1	30.4	29.4	30.0	30.9	29.7	30.3	28.0	26.7	27.2
31	---	---	---	31.5	29.1	30.0	30.5	29.2	30.0	---	---	---
MONTH	30.8	25.7	28.4	33.2	28.7	30.5	31.9	27.6	29.6	30.7	24.4	28.2

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T. 1 N., R. 5 W., Wilkinson County, Hydrologic Unit 08060100, near left bank at Tarbert Landing, 2.5 mi upstream from Lower Old River, 8.2 mi downstream from inlet channel to Old River Control Structure, and at river mile 306.3.

DRAINAGE AREA.--1,124,900 mi^2, contributing.

PERIOD OF RECORD.--Water years 1973 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to current year.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 01100.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 2,490,000 tons Jan. 14, 1985; minimum daily, 18,000 tons Aug. 14, 15, 17, 18, 1988.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
11...	1000	185000	184	92100	92
NOV					
08...	1200	320000	174	150000	80
DEC					
05...	1230	535000	796	1100000	83
08...	1500	680000	615	1130000	84
19...	1200	700000	269	514000	77
JAN					
10...	1200	572000	227	350000	80
24...	1100	352000	219	208000	75
FEB					
11...	1300	841000	256	582000	82
25...	1100	528000	196	280000	77
MAR					
14...	1000	427000	144	166000	91
27...	1100	817000	316	697000	90
APR					
11...	1200	1100000	185	548000	63
24...	1200	810000	197	431000	69
MAY					
02...	1200	758000	264	540000	75
16...	1230	855000	188	435000	79
JUN					
06...	1100	992000	128	343000	65
JUL					
11...	1000	334000	159	143000	80
AUG					
15...	1100	213000	161	92200	90
SEP					
19...	1100	185000	151	75400	95

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

DISCHARGE,SUSP.SED., in T/DAY, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83000	160000	559000	631000	366000	227000	663000	517000	379000	187000	112000	95000
2	87000	164000	634000	612000	425000	216000	661000	539000	373000	177000	111000	97000
3	91000	170000	748000	587000	449000	208000	648000	524000	366000	169000	110000	101000
4	93000	171000	897000	561000	476000	200000	634000	514000	361000	161000	111000	107000
5	94000	169000	1148000	530000	504000	195000	623000	506000	352000	156000	114000	109000
6	95000	164000	1188000	502000	532000	190000	610000	501000	342000	153000	115000	110000
7	96000	156000	1163000	472000	553000	185000	600000	497000	345000	152000	116000	113000
8	96000	150000	1128000	433000	574000	179000	586000	491000	345000	150000	115000	111000
9	95000	150000	1109000	388000	580000	175000	578000	484000	342000	149000	113000	109000
10	93000	150000	1061000	352000	584000	170000	564000	469000	337000	147000	115000	104000
11	92000	152000	993000	338000	582000	166000	548000	463000	332000	143000	112000	100000
12	94000	154000	884000	295000	569000	166000	553000	456000	323000	140000	104000	96000
13	99000	159000	806000	281000	550000	166000	555000	448000	316000	139000	101000	92000
14	114000	162000	737000	262000	515000	166000	561000	443000	305000	138000	94000	88000
15	135000	166000	697000	245000	481000	179000	563000	439000	294000	134000	92000	85000
16	143000	168000	637000	233000	452000	195000	557000	434000	279000	130000	91000	82000
17	148000	172000	582000	222000	426000	224000	537000	428000	266000	126000	90000	80000
18	151000	176000	535000	215000	396000	242000	524000	425000	257000	126000	92000	77000
19	152000	180000	508000	207000	367000	257000	513000	418000	249000	124000	93000	75000
20	154000	182000	531000	206000	346000	272000	492000	415000	241000	123000	94000	79000
21	160000	188000	559000	203000	334000	301000	474000	411000	234000	123000	95000	82000
22	166000	194000	584000	203000	318000	348000	455000	404000	228000	123000	94000	85000
23	171000	202000	605000	206000	304000	401000	440000	399000	223000	125000	94000	92000
24	175000	208000	625000	208000	291000	469000	430000	398000	221000	125000	96000	100000
25	179000	218000	636000	213000	280000	550000	438000	393000	219000	125000	96000	110000
26	180000	224000	646000	220000	269000	621000	446000	390000	218000	123000	96000	122000
27	177000	233000	653000	226000	255000	696000	454000	389000	214000	123000	95000	157000
28	173000	286000	656000	237000	241000	691000	467000	387000	210000	121000	96000	165000
29	170000	375000	655000	254000	---	680000	482000	385000	203000	120000	95000	168000
30	166000	512000	651000	293000	---	670000	499000	384000	196000	117000	94000	169000
31	163000	---	646000	329000	---	663000	---	383000	---	115000	94000	---
TOTAL	4085000	5915000	23461000	10164000	12019000	10068000	16155000	13734000	8570000	4264000	3140000	3160000
MEAN	132000	197000	757000	328000	429000	325000	538000	443000	286000	138000	101000	105000
MAX	180000	512000	1190000	631000	584000	696000	663000	539000	379000	187000	116000	169000
MIN	83000	150000	508000	203000	241000	166000	430000	383000	196000	115000	90000	75000

07344370 RED RIVER AT SPRING BANK, AR

LOCATION.--Lat. 33°04'50", Long. 93°51'42", in SW ¼ NW ¼ sec.24, T.19 S., R.27 W., Lafayette County, near right bank on downstream side of bridge on State highway 160, 0.1 mi downstream from Sulphur river, 4.5 mi upstream from Arkansas-Louisiana State line, and 2.5 mi east of intersection of U.S. Highway 71 and State Highway 160 at Doddridge, AR.

PERIOD OF RECORD.--October 1, 1995 to July 10, 1996 daily observer record. July 11, 1998 to current year.

GAGE.--Water-stage recorder. Prior to July 11, 1998, observer record of daily readings only.

REMARKS.--Records fair. Datum of gage not determined. Satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9070	11800	19500	61100	40400	30100	109000	58100	23500	4940	7850	3840
2	8550	11600	20500	56900	49700	24900	116000	56100	15600	5800	7800	3880
3	7740	11300	18700	54600	69900	20100	112000	56800	9950	6250	7930	5070
4	7300	11500	16700	53400	74000	17000	106000	57600	10100	6170	8750	5740
5	7000	11300	15500	48400	67600	15100	95100	53200	18300	6050	8590	5730
6	6620	10900	14600	44700	61600	13700	84200	47100	23700	5880	8070	5690
7	6000	10000	13400	42300	57700	13900	77500	43700	23100	5960	8540	4970
8	5620	9990	12100	40400	56400	17300	77900	40500	20100	6330	8140	4240
9	5460	9460	12300	37500	57600	20400	82300	36200	17500	7570	7170	4160
10	5760	8110	11600	34400	58500	21400	110000	35300	18800	8250	6840	4980
11	18400	6740	11300	31700	56000	20500	132000	37200	18600	7740	6170	5580
12	24500	5650	17000	28900	53700	20100	132000	37100	16000	7170	6080	5560
13	31300	5100	24100	27700	51600	22800	121000	35500	15100	6680	5990	5080
14	34000	4740	32300	28200	e46300	27900	113000	32100	12600	6270	5310	4280
15	34600	4380	35500	26100	42800	29800	111000	29900	10900	e6400	4970	3840
16	39200	4190	38400	23000	39100	28100	115000	e28500	8730	6010	5290	3780
17	44500	4100	52500	22500	36000	25300	124000	26400	7490	5860	5470	4460
18	43300	4040	84900	22800	33500	30200	125000	23600	6710	6000	5230	5150
19	38500	3920	e111000	21900	31800	33700	118000	20200	6310	6280	5260	5330
20	33900	3770	e112000	22000	32500	37800	113000	20200	7680	6530	6100	5550
21	31200	3690	e105000	24000	36900	58700	115000	23100	8990	6040	10300	5180
22	29600	3640	e90000	25000	41700	86800	116000	25400	8270	5700	12900	4410
23	26400	3670	e77000	25100	43000	104000	118000	24600	6730	5730	12400	3760
24	22700	3610	e68000	26100	45800	107000	114000	22600	5690	5880	10400	3630
25	21500	3630	e66000	30600	45500	84000	106000	19200	5330	7410	9140	3870
26	19800	3550	e69000	35500	40300	78400	92600	15400	5230	8580	7390	3730
27	16200	3400	70000	39800	36900	86400	84400	13800	5340	8090	6630	3570
28	13600	4850	69400	43200	34500	89800	79300	13300	5200	7890	6910	3420
29	12800	10100	69000	47600	---	89900	75700	12800	5040	8140	4900	3270
30	12600	15100	67400	49200	---	88600	65500	13100	4890	8430	4290	3170
31	12300	---	65400	44700	---	93200	---	17700	---	8400	4160	---
TOTAL	630020	207830	1490100	1119300	1341300	1436900	3140500	976300	351480	208430	224970	134920
MEAN	20320	6928	48070	36110	47900	46350	104700	31490	11720	6724	7257	4497
MAX	44500	15100	112000	61100	74000	107000	132000	58100	23700	8580	12900	5740
MIN	5460	3400	11300	21900	31800	13700	65500	12800	4890	4940	4160	3170
AC-FT	1250000	412200	2956000	2220000	2660000	2850000	6229000	1936000	697200	413400	446200	267600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	9710	11730	28310	39340	35450	48310	43810	22780	19080	11280	6134	6122
MAX	20320	34920	48070	87290	56960	106200	104700	31490	31770	16960	7257	9104
(WY)	2002	2001	2002	1998	2001	2001	2002	2002	2000	2000	2002	2001
MIN	2518	2183	6406	4203	5312	11020	16420	10300	6655	4176	4614	4154
(WY)	2000	2000	2000	2000	2000	2000	2000	1998	1998	1998	1998	1999

07344370 RED RIVER AT SPRING BANK, AR--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	12615390		11262050			
ANNUAL MEAN	34560		30850		23450	
HIGHEST ANNUAL MEAN					34790	2001
LOWEST ANNUAL MEAN					10730	2000
HIGHEST DAILY MEAN	138000	Mar 14	132000	Apr 11	138000	Mar 14 2001
LOWEST DAILY MEAN	3400	Nov 27	3170	Sep 30	1910	Nov 24 1999
ANNUAL SEVEN-DAY MINIMUM	3600	Nov 21	3520	Sep 24	2070	Nov 21 1999
MAXIMUM PEAK FLOW			135000	Apr 11	140000	Mar 14 2001
MAXIMUM PEAK STAGE			32.16	Apr 11	34.05	Jan 12 1998
INSTANTANEOUS LOW FLOW			3150	Sep 30	1890	Nov 24 1999
INSTANTANEOUS LOW STAGE			12.30	Sep 30	a11.98	Oct 25 2000
ANNUAL RUNOFF (AC-FT)	25020000		22340000		16990000	
10 PERCENT EXCEEDS	80400		84300		57200	
50 PERCENT EXCEEDS	25900		18600		12900	
90 PERCENT EXCEEDS	5840		4920		3870	

a Also occurred Oct. 26, 2000.
e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.35	16.32	18.52	26.39	23.04	20.94	30.87	25.98	19.46	13.46	14.86	12.79
2	15.14	16.24	18.75	25.79	24.60	19.78	31.30	25.66	17.43	13.91	14.84	12.82
3	14.81	16.17	18.30	25.41	27.58	18.65	31.04	25.78	15.67	14.13	14.89	13.52
4	14.62	16.24	17.78	25.21	28.08	17.86	30.69	25.91	15.72	14.09	15.22	13.88
5	14.48	16.15	17.44	24.42	27.29	17.32	29.97	25.18	18.17	14.04	15.16	13.88
6	14.30	16.02	17.20	23.81	26.47	16.92	29.10	24.21	19.52	13.95	14.95	13.86
7	14.01	15.70	16.82	23.38	25.91	16.98	28.47	23.64	19.36	13.99	15.14	13.47
8	13.82	15.69	16.41	23.04	25.70	17.93	28.51	23.06	18.66	14.17	14.98	13.05
9	13.74	15.49	16.48	22.47	25.90	18.74	28.92	22.20	18.01	14.73	14.56	13.00
10	13.89	14.96	16.24	21.84	26.05	18.97	30.88	22.01	18.34	15.02	14.40	13.48
11	18.10	14.36	16.15	21.27	25.63	18.74	32.01	22.40	18.29	14.81	14.09	13.80
12	19.70	13.84	17.83	20.68	25.26	18.65	32.01	22.39	17.58	14.56	14.05	13.80
13	21.19	13.55	19.60	20.43	24.92	19.31	31.53	22.06	17.34	14.33	14.01	13.53
14	21.75	13.34	21.39	20.53	---	20.46	31.12	21.35	16.58	14.14	13.66	13.07
15	21.88	13.13	22.07	20.07	23.48	20.88	31.01	20.90	16.01	---	13.47	12.79
16	22.80	13.02	22.64	19.35	22.78	20.50	31.23	---	15.21	14.02	13.65	12.76
17	23.78	12.96	25.06	19.24	22.17	19.89	31.65	20.13	14.70	13.94	13.75	13.18
18	23.57	12.92	29.06	19.29	21.66	20.95	31.73	19.48	14.35	14.01	13.62	13.58
19	22.68	12.85	---	19.10	21.28	21.71	31.40	18.68	14.16	14.14	13.64	13.67
20	21.74	12.75	---	19.12	21.44	22.54	31.14	18.68	14.78	14.26	14.06	13.79
21	21.17	12.69	---	19.57	22.35	25.94	31.21	19.37	15.31	14.03	15.79	13.59
22	20.82	12.66	---	19.82	23.28	29.30	31.30	19.90	15.03	13.86	16.67	13.15
23	20.12	12.68	---	19.83	23.52	30.55	31.39	19.72	14.36	13.88	16.52	12.74
24	19.28	12.64	---	20.07	24.00	30.74	31.19	19.26	13.86	13.95	15.85	12.65
25	18.98	12.66	---	21.03	23.95	29.05	30.69	18.44	13.68	14.66	15.37	12.81
26	18.59	12.60	---	22.06	23.02	28.55	29.78	17.41	13.62	15.16	14.65	12.72
27	17.62	12.49	27.61	22.93	22.35	29.29	29.12	16.96	13.68	14.96	14.31	12.62
28	16.90	13.33	27.53	23.55	21.86	29.58	28.64	16.81	13.60	14.88	14.44	12.51
29	16.64	15.71	27.47	24.29	---	29.59	28.28	16.64	13.52	14.98	13.43	12.40
30	16.59	17.33	27.26	24.55	---	29.48	27.00	16.72	13.42	15.09	13.08	12.32
31	16.47	---	26.98	23.80	---	29.82	---	18.02	---	15.08	13.00	---
MAX	23.78	17.33	---	26.39	28.08	30.74	32.01	25.98	19.52	15.16	16.67	13.88
MIN	13.74	12.49	16.15	19.10	21.28	16.92	27.00	16.64	13.42	13.46	13.00	12.32

07344480 CROSS LAKE AT SHREVEPORT, LA

LOCATION.--Lat 32°30'47", long 93°47'48", in NE ¼ SW ¼ sec.34, T.18 N., R.14 W., Caddo Parish, Hydrologic Unit 11140304. Located on bottom floor of the pump intake building at southwest corner of Shreveport Water and Sewage Treatment Plant.

DRAINAGE AREA.--33.1 mi^2.

PERIOD OF RECORD.--August 1996 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Satellite and telephone telemetry with wind speed and direction, and rain gage at site. Capacity at spillway crest is 78,500 acre-ft. Reservoir is used for drinking water, flood control, and conservation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 174.73 ft, Apr. 5, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 171.77 ft, Dec. 18; minimum gage height not determined.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	169.93	170.55	170.70	170.73	170.82	171.04	171.11	170.86	170.54	170.57	170.67	169.64
2	169.90	170.54	170.72	170.76	170.80	171.09	171.26	170.83	170.55	170.64	170.64	169.60
3	169.87	170.53	170.72	170.80	170.80	171.08	171.13	170.81	170.52	170.67	170.59	169.56
4	169.83	170.51	170.72	170.76	170.79	170.94	171.01	170.79	170.52	170.73	170.54	169.55
5	169.86	170.49	170.79	170.81	170.85	170.96	170.99	170.75	170.54	170.65	170.50	169.54
6	169.90	170.47	170.73	170.87	171.04	170.90	170.97	---	170.50	170.56	170.46	169.50
7	169.87	170.45	170.71	170.93	171.14	170.88	170.90	170.72	170.47	170.56	170.42	---
8	169.84	170.43	170.78	171.05	171.12	170.88	171.16	170.70	170.43	170.55	170.38	---
9	169.81	170.42	170.78	170.98	171.12	170.96	171.33	170.67	170.53	170.58	170.34	---
10	169.80	170.40	170.78	170.98	171.10	170.91	171.20	170.67	170.42	170.64	170.29	169.40
11	169.85	170.38	170.79	171.02	171.02	170.92	171.04	170.66	170.42	170.66	170.25	169.37
12	169.88	170.36	171.14	171.00	171.05	171.08	171.12	170.63	170.43	170.60	170.20	169.33
13	170.27	170.33	171.35	170.95	171.05	171.15	171.13	---	170.50	170.65	---	169.30
14	170.53	170.31	171.50	170.96	171.02	171.15	171.14	---	170.47	170.65	170.19	169.26
15	170.70	170.30	171.28	170.92	171.04	171.15	171.12	---	170.47	170.69	170.17	---
16	170.79	170.28	170.96	170.92	171.05	171.14	171.15	---	170.39	170.82	170.17	---
17	170.85	170.27	171.36	170.92	171.07	171.18	171.13	---	170.43	170.91	170.16	---
18	170.84	170.25	171.72	170.91	171.01	171.12	171.12	---	170.41	---	170.14	---
19	170.82	170.24	171.42	170.95	171.06	171.20	171.20	---	---	170.90	170.11	---
20	170.81	170.27	170.91	170.94	171.02	171.28	171.10	---	170.41	170.75	170.07	---
21	170.80	170.27	170.77	170.95	171.02	171.39	171.08	170.56	170.36	170.72	170.04	---
22	170.78	170.16	170.80	170.95	171.09	171.27	171.06	170.56	170.39	170.68	170.01	---
23	170.77	170.21	170.82	170.96	171.13	171.06	171.07	170.56	170.41	170.67	169.98	---
24	170.77	170.24	170.82	170.91	171.13	171.03	171.03	170.55	170.36	170.67	169.95	---
25	170.73	170.12	170.81	170.81	171.16	171.08	170.97	170.55	170.38	170.68	169.90	---
26	170.70	170.12	170.83	170.84	171.16	170.98	170.94	170.52	---	170.69	169.87	---
27	170.67	170.23	170.80	170.86	171.07	170.94	170.92	170.54	170.59	170.70	169.83	---
28	170.64	170.32	170.83	170.87	171.10	170.95	170.94	170.54	170.49	170.69	169.79	---
29	170.62	170.64	170.81	170.89	---	170.99	170.93	170.56	170.56	170.69	169.75	---
30	170.60	170.64	170.75	170.88	---	170.97	170.90	---	170.54	170.69	169.71	---
31	170.57	---	170.75	170.91	---	170.98	---	---	---	170.68	169.67	---
MAX	170.85	170.64	171.72	171.05	171.16	171.39	171.33	170.86	170.59	---	170.67	169.64
MIN	169.80	170.12	170.70	170.73	170.79	170.88	170.90	170.52	170.36	170.55	169.67	---

07346450 BLACK BAYOU AT RODESSA, LA

LOCATION.--Lat 32°57'31", long 93°59'38", in NE ¼ sec.26, T.23 N., R.16 W., Caddo Parish, Hydrologic Unit 11140304. Located near right back on downstream side of bridge on U.S. Hwy. 1, 1.0 miles south of intersection of La. Hwy. 168 and La. Hwy. 1, approximately 5 miles north of Myrtis Mill Creek, and 35 miles north of Shreveport, La.

DRAINAGE AREA.--approximately 173.7 mi^2.

PERIOD OF RECORD.--October 1999 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is not determined.

REMARKS.--Satellite and telephone telemetry and rain gage at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.59 ft, October 12, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.59 ft, Oct. 12; minimum gage height, 10.82 ft, Sept. 18, 19.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.57	11.55	13.94	11.85	11.94	11.81	13.35	11.59	11.66	11.35	11.28	10.98
2	11.54	11.54	13.57	11.82	11.92	11.77	13.79	11.57	11.64	11.35	11.26	10.96
3	11.51	11.53	13.14	11.79	11.91	11.72	13.39	11.60	11.62	11.34	11.25	10.95
4	11.49	11.53	12.77	11.78	11.89	11.72	12.95	11.65	11.59	11.33	11.23	10.93
5	11.48	11.52	12.49	11.86	11.91	11.72	12.59	11.69	11.56	11.33	11.21	10.91
6	11.51	11.51	12.29	12.05	12.09	11.71	12.33	11.77	11.53	11.33	11.19	10.89
7	11.51	11.51	12.15	12.12	12.16	11.71	12.18	11.90	11.50	11.32	11.16	10.89
8	11.52	11.51	12.10	12.17	12.22	11.71	13.02	12.00	11.48	11.32	11.14	10.92
9	11.54	11.50	12.09	12.17	12.25	11.69	13.42	11.95	11.50	11.30	11.12	10.93
10	11.59	11.50	12.13	12.12	12.18	11.69	13.47	11.91	11.51	11.29	11.10	10.92
11	13.87	11.50	12.19	12.05	12.10	11.71	13.30	11.93	11.51	11.27	11.08	10.90
12	17.40	11.49	12.80	11.98	12.03	12.00	12.97	11.93	11.58	11.29	11.06	10.89
13	17.04	11.50	13.76	11.93	11.96	12.14	12.64	11.91	11.68	11.38	11.05	10.88
14	16.54	11.51	14.14	11.87	11.91	12.24	12.39	11.87	11.70	11.38	11.05	10.86
15	15.83	11.51	13.90	11.84	11.86	12.26	12.21	11.83	11.64	11.37	11.06	10.85
16	15.00	11.51	14.09	11.81	11.82	12.18	12.10	11.78	11.60	11.42	11.07	10.84
17	14.24	11.51	16.03	11.79	11.80	12.17	12.01	11.78	11.55	11.49	11.14	10.83
18	13.52	11.51	16.35	11.78	11.78	12.95	11.94	11.83	11.52	11.51	11.13	10.83
19	12.91	11.51	15.60	11.81	11.91	13.46	11.88	11.84	11.49	11.50	11.12	10.88
20	12.50	11.50	14.53	11.85	12.30	14.26	11.83	11.91	11.47	11.49	11.10	11.04
21	12.22	11.51	13.65	11.86	12.30	14.49	11.78	11.91	11.45	11.47	11.09	11.05
22	12.04	11.52	13.06	11.86	12.31	14.27	11.75	11.86	11.41	11.45	11.07	11.05
23	11.93	11.53	12.68	11.86	12.28	13.77	11.72	11.79	11.39	11.42	11.05	11.04
24	11.83	11.54	12.44	11.94	12.20	13.24	11.70	11.72	11.37	11.41	11.03	11.02
25	11.75	11.54	12.28	12.08	12.08	12.81	11.67	11.67	11.36	11.43	11.04	11.01
26	11.70	11.55	12.16	12.06	11.94	12.50	11.65	11.66	11.39	11.42	11.08	10.99
27	11.65	11.59	12.08	12.05	11.87	12.30	11.63	11.72	11.40	11.39	11.06	10.99
28	11.62	11.86	12.01	12.03	11.83	12.17	11.62	11.69	11.39	11.37	11.05	10.98
29	11.59	12.88	11.96	12.00	---	12.07	11.61	11.68	11.37	11.35	11.03	10.97
30	11.57	13.89	11.92	11.96	---	12.06	11.60	11.68	11.37	11.33	11.01	10.96
31	11.56	---	11.88	11.94	---	12.43	---	11.68	---	11.30	11.00	---
MAX	17.40	13.89	16.35	12.17	12.31	14.49	13.79	12.00	11.70	11.51	11.28	11.05
MIN	11.48	11.49	11.88	11.78	11.78	11.69	11.60	11.57	11.36	11.27	11.00	10.83

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA

LOCATION.--Lat 32°38'45", Long 93°52'40", in NW ¼ NW ¼ sec.14, T.19 N., R.15 W., Caddo Parish, Hydrologic Unit 11140304, near right bank on downstream side of pier of bridge on State Highway 173, 0.1 mi downstream from Cottonwood Bayou, 4.2 mi southwest of Dixie, 5.5 mi downstream from Caddo Lake, and 17.3 mi upstream from mouth.

DRAINAGE AREA.--3,137 mi^2.

PERIOD OF RECORD.--August 1942 to September 1995, gage height and discharge. October 1999 to current year, gage height only.

GAGE.--Water-stage recorder. Datum of gage is 136.12 ft above NGVD of 1929. Prior to Sept. 5, 1947, nonrecording gage and Sept. 5, 1947 to June 26, 1978, water-stage recorder at present site. Oct. 1, 1950, to June 26, 1978, at datum 3.88 ft higher and prior to Oct. 1, 1950, at datum 5.88 ft higher. Nonrecording gage for Twelvemile Bayou near Mooringsport (station 07347950) used as supplementary gage June 27, 1978, to May 7, 1981. Datum of supplementary gage, 140.00 ft above sea level (levels by Corps of Engineers). Water-stage recorder for Twelvemile Bayou below Dixie (station 07348010) used as auxiliary gage for this station from 1979-1995. Prior to May 7, 1981, nonrecording gage for Red River at Shreveport (station 07348500) used as auxiliary gage.

REMARKS.--No record for period Dec. 24 to Sept 30 due to flood damage.. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 41.53 ft, Apr. 5, 1945, and May 5, 1958, present datum.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 34.11 ft, Dec. 21; minimum gage height not determined.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.38	12.85	14.82	---	---	---	---	---	---	---	---	---
2	10.27	12.87	16.37	---	---	---	---	---	---	---	---	---
3	10.24	12.89	17.23	---	---	---	---	---	---	---	---	---
4	10.19	12.80	17.37	---	---	---	---	---	---	---	---	---
5	10.26	12.71	17.12	---	---	---	---	---	---	---	---	---
6	10.16	12.59	16.77	---	---	---	---	---	---	---	---	---
7	10.05	12.62	16.34	---	---	---	---	---	---	---	---	---
8	9.95	12.55	16.41	---	---	---	---	---	---	---	---	---
9	10.12	12.34	16.03	---	---	---	---	---	---	---	---	---
10	10.31	12.33	15.78	---	---	---	---	---	---	---	---	---
11	---	12.23	15.54	---	---	---	---	---	---	---	---	---
12	14.99	12.08	18.31	---	---	---	---	---	---	---	---	---
13	19.18	12.01	21.49	---	---	---	---	---	---	---	---	---
14	24.02	11.96	23.65	---	---	---	---	---	---	---	---	---
15	25.88	11.95	24.29	---	---	---	---	---	---	---	---	---
16	26.34	11.86	25.28	---	---	---	---	---	---	---	---	---
17	25.94	11.67	28.74	---	---	---	---	---	---	---	---	---
18	25.15	11.40	30.70	---	---	---	---	---	---	---	---	---
19	23.88	11.30	32.53	---	---	---	---	---	---	---	---	---
20	22.07	11.03	33.68	---	---	---	---	---	---	---	---	---
21	19.94	10.85	34.06	---	---	---	---	---	---	---	---	---
22	18.12	10.47	33.96	---	---	---	---	---	---	---	---	---
23	16.54	10.40	33.59	---	---	---	---	---	---	---	---	---
24	15.44	10.58	---	---	---	---	---	---	---	---	---	---
25	14.40	10.33	---	---	---	---	---	---	---	---	---	---
26	13.80	10.27	---	---	---	---	---	---	---	---	---	---
27	13.38	10.33	---	---	---	---	---	---	---	---	---	---
28	13.01	10.17	---	---	---	---	---	---	---	---	---	---
29	12.91	11.71	---	---	---	---	---	---	---	---	---	---
30	12.91	13.21	---	---	---	---	---	---	---	---	---	---
31	12.91	---	---	---	---	---	---	---	---	---	---	---
MAX	26.34	13.21	34.06	---	---	---	---	---	---	---	---	---
MIN	9.95	10.17	---	---	---	---	---	---	---	---	---	---

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA

LOCATION.--Lat 32°59'40", long 93°23'47", in NE ¼ NE ¼ sec.16, T.23 N., R.10 W., Webster Parish, Hydrologic Unit 11140203, near left bank on downstream side of bridge on State highway 157, 0.4 mi downstream from Crooked Creek, 1.7 mi downstream from Arkansas-Louisiana State line, and 4.2 mi southeast of intersection of State Highways 7 and 157 at Springhill.

DRAINAGE AREA.--605 mi^2.

PERIOD OF RECORD.--October 1957 to current year.

REVISED RECORDS.--WDR LA-75-1: 1974, WDR LA-85-1: 1985(P).

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft above NGVD 1929.

REMARKS.--Records good above 200 ft^3/s, fair below, except for discharges less than 50 ft^3/s which are poor.

PEAK DISCHARGES 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)
Oct 14	1400	13,700	16.81	Apr 3	0030	4,580	14.10
Dec 19	1030	*15,800	*17.13	May 14	1330	8,620	15.23
Mar 22	0630	11,100	15.91				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	91	794	570	810	889	2600	235	378	37	8.8	2.7
2	18	81	941	487	720	659	4040	238	372	104	7.1	2.4
3	14	75	1150	425	656	486	4460	252	350	42	6.1	2.2
4	12	73	1440	379	625	421	4110	289	282	30	5.6	2.0
5	11	67	1630	373	631	418	3630	301	219	23	5.0	1.9
6	16	65	1610	469	840	416	2970	420	173	36	4.4	1.9
7	11	70	1510	505	988	396	2390	629	126	52	4.2	1.8
8	8.7	66	1490	575	1140	370	2280	925	86	37	4.0	2.6
9	14	61	1420	685	1320	350	2210	1270	58	24	4.2	2.1
10	24	58	1400	767	1540	337	2210	1600	44	16	5.5	1.9
11	415	57	1500	777	1590	333	2410	1610	37	12	4.6	1.7
12	1030	54	2650	733	1450	681	2540	1380	32	9.5	4.1	1.7
13	8140	51	4430	658	1230	1040	2410	2700	29	8.8	4.0	1.9
14	13500	50	9570	583	1050	1360	2140	8110	26	11	5.0	1.9
15	13000	49	12000	523	876	1960	1850	7120	22	28	5.5	1.7
16	11000	48	11500	458	710	2590	1510	e5030	19	30	8.8	1.6
17	7860	47	14000	397	564	2890	1190	e3080	16	126	32	1.7
18	5180	47	15000	359	465	4450	906	2430	14	198	9.1	1.7
19	3460	46	15600	389	455	6910	632	1870	12	199	7.0	1.7
20	2590	46	14300	484	1040	9850	471	1380	11	177	6.6	4.2
21	2010	46	10800	566	1200	10800	403	1050	11	152	6.4	4.3
22	1590	46	7670	676	1490	11000	366	796	10	95	6.0	3.3
23	1210	47	5110	786	1870	9970	327	549	9.5	51	5.2	2.6
24	877	55	3530	911	2000	8170	295	366	8.7	33	4.6	2.5
25	541	62	2760	1200	1880	6180	266	252	9.1	26	4.0	2.4
26	328	69	2250	1350	1590	4340	225	183	13	21	3.9	2.1
27	217	152	1880	1380	1300	3160	193	136	15	27	3.5	2.0
28	168	164	1490	1340	1090	2510	176	106	13	16	3.2	1.8
29	140	609	1170	1270	---	2170	189	97	12	14	2.8	1.6
30	119	774	931	1120	---	2000	220	157	13	13	2.7	1.4
31	104	---	721	939	---	2370	---	318	---	11	2.8	---
TOTAL	73633.7	3226	152247	22134	31120	99476	49619	44879	2420.3	1659.3	186.7	65.3
MEAN	2375	107.5	4911	714.0	1111	3209	1654	1448	80.68	53.53	6.023	2.177
MAX	13500	774	15600	1380	2000	11000	4460	8110	378	199	32	4.3
MIN	8.7	46	721	359	455	333	176	97	8.7	8.8	2.7	1.4
AC-FT	146100	6400	302000	43900	61730	197300	98420	89020	4800	3290	370	130
CFSM	3.93	0.18	8.12	1.18	1.84	5.30	2.73	2.39	0.13	0.09	0.01	0.00
IN.	4.53	0.20	9.36	1.36	1.91	6.12	3.05	2.76	0.15	0.10	0.01	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2002, BY WATER YEAR (WY)

MEAN	166.9	267.0	857.0	986.2	1245	1286	1227	798.7	396.7	186.8	60.76	96.90
MAX	2375	1351	4911	3061	4176	5036	4646	3707	3262	2937	553	2533
(WY)	2002	1975	2002	1991	2001	2001	1991	1991	1974	1989	1996	1974
MIN	0.99	1.34	12.2	11.8	31.6	96.4	149	22.3	3.10	1.58	0.78	0.89
(WY)	2001	1996	2000	2000	1996	1996	1987	1988	1988	1964	2000	2000

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1958 - 2002	
ANNUAL TOTAL	670470.0		480666.3			
ANNUAL MEAN	1837		1317		628.0	
HIGHEST ANNUAL MEAN					1551	1974
LOWEST ANNUAL MEAN					129	1967
HIGHEST DAILY MEAN	19000	Feb 18	15600	Dec 19	35000	Apr 28 1958
LOWEST DAILY MEAN	3.2	Aug 6	1.4	Sep 30	a0.00	Oct 10 1957
ANNUAL SEVEN-DAY MINIMUM	3.3	Aug 5	1.7	Sep 11	0.07	Oct 8 1957
MAXIMUM PEAK FLOW			15800	Dec 19	36700	Apr 6 1997
MAXIMUM PEAK STAGE			17.13	Dec 19	22.79	Apr 28 1958
INSTANTANEOUS LOW FLOW			1.3	Sep 30	a0.00	Oct 10 1957
INSTANTANEOUS LOW STAGE			3.80	Sep 9		
ANNUAL RUNOFF (AC-FT)	1330000		953400		455000	
ANNUAL RUNOFF (CFSM)	3.04		2.18		1.04	
ANNUAL RUNOFF (INCHES)	41.23		29.56		14.10	
10 PERCENT EXCEEDS	5190		3110		1700	
50 PERCENT EXCEEDS	508		328		131	
90 PERCENT EXCEEDS	4.9		4.0		2.7	

a Also occurred Oct. 11-14, 1957.
e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.78	5.94	10.59	9.85	10.64	10.85	13.06	7.66	8.81	5.03	4.28	3.92
2	4.57	5.80	10.98	9.43	10.37	10.17	13.89	7.68	8.77	6.12	4.19	3.89
3	4.47	5.72	11.48	9.07	10.17	9.42	14.07	7.81	8.61	5.15	4.13	3.86
4	4.41	5.69	11.96	8.77	10.07	9.04	13.95	8.13	8.07	4.88	4.10	3.83
5	4.38	5.60	12.19	8.73	10.09	9.02	13.70	8.22	7.50	4.69	4.06	3.82
6	4.53	5.57	12.16	9.32	10.72	9.02	13.31	9.02	7.02	5.00	4.02	3.83
7	4.37	5.64	12.05	9.53	11.10	8.89	12.90	10.06	6.44	5.35	4.00	3.82
8	4.27	5.59	12.03	9.87	11.44	8.71	12.82	10.94	5.87	5.04	3.98	3.93
9	4.44	5.50	11.95	10.26	11.80	8.58	12.76	11.70	5.45	4.73	4.00	3.87
10	4.72	5.45	11.91	10.52	12.08	8.49	12.76	12.15	5.19	4.52	4.10	3.85
11	8.43	5.43	12.04	10.55	12.14	8.45	12.92	12.16	5.05	4.38	4.03	3.83
12	11.31	5.38	13.03	10.41	11.97	10.14	13.02	11.89	4.93	4.31	3.99	3.83
13	15.15	5.34	14.02	10.18	11.65	11.23	12.92	12.89	4.85	4.28	3.98	3.86
14	16.77	5.31	15.50	9.92	11.25	11.84	12.69	15.10	4.80	4.36	4.05	3.86
15	16.65	5.29	16.16	9.62	10.82	12.51	12.41	14.83	4.69	4.83	4.09	3.84
16	16.12	5.27	16.04	9.27	10.34	13.05	12.05	---	4.60	4.85	4.20	3.83
17	15.28	5.26	16.63	8.89	9.82	13.26	11.55	---	4.53	6.43	4.91	3.85
18	14.53	5.25	16.91	8.64	9.30	14.02	10.89	12.93	4.48	7.29	4.29	3.85
19	13.86	5.24	17.08	8.84	9.20	14.77	10.07	12.43	4.41	7.31	4.19	3.86
20	13.30	5.23	16.71	9.41	11.22	15.57	9.33	11.87	4.38	7.08	4.18	4.14
21	12.81	5.23	15.83	9.84	11.58	15.83	8.93	11.25	4.37	6.79	4.17	4.16
22	12.36	5.23	14.98	10.24	12.03	15.90	8.69	10.59	4.34	6.00	4.15	4.07
23	11.78	5.25	14.26	10.57	12.43	15.61	8.41	9.73	4.31	5.32	4.11	4.01
24	10.97	5.40	13.65	10.90	12.56	15.12	8.17	8.68	4.27	4.96	4.06	4.01
25	9.77	5.51	13.17	11.59	12.44	14.57	7.93	7.80	4.29	4.78	4.02	3.99
26	8.43	5.62	12.79	11.85	12.14	14.00	7.56	7.13	4.43	4.66	4.01	3.95
27	7.48	6.78	12.44	11.89	11.76	13.43	7.25	6.57	4.50	4.81	3.98	3.94
28	6.97	6.89	12.02	11.85	11.35	12.99	7.07	6.16	4.43	4.52	3.95	3.92
29	6.64	9.91	11.52	11.72	---	12.72	7.20	6.02	4.42	4.46	3.92	3.89
30	6.35	10.54	10.96	11.41	---	12.56	7.51	6.80	4.44	4.43	3.91	3.85
31	6.13	---	10.37	10.98	---	12.89	---	8.36	---	4.36	3.93	---
MAX	16.77	10.54	17.08	11.89	12.56	15.90	14.07	15.10	8.81	7.31	4.91	4.16
MIN	4.27	5.23	10.37	8.64	9.20	8.45	7.07	6.02	4.27	4.28	3.91	3.82

07349000 BAYOU DORCHEAT NEAR MINDEN, LA

LOCATION.--Lat 32°35'55", long 93°19'59", in NE ¼ NW ¼ sec.31, T.19 N., R.9 W., Webster Parish, Hydrologic Unit 11140203, on left bank 500 ft upstream from bridge on U.S. Highway 80, 0.7 mi upstream from Louisiana and Arkansas Railway Co. bridge, 3.0 mi west of Minden, and 28 mi upstream from Lake Bistineau dam.

DRAINAGE AREA.--1,097 mi^2.

PERIOD OF RECORD.--July 1928 to September 1931, October 1936 to September 1979. October 1979 to current year (annual maximum and gage heights only). Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 1211: Drainage area. WSP 1241: 1941.

GAGE.--Water-stage recorder. Datum of gage is 133.75 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Mar. 1, 1940, nonrecording gage at same site and datum. July 29, 1953, to Sept. 30, 1979, supplementary water-stage recorder 4.6 mi upstream from base gage at different datum.

REMARKS.--Gage heights affected by Lake Bistineau.

AVERAGE DISCHARGE.--46 years (water years 1929-31, 1937-79), 1,111 ft^3/s, 13.75 in/yr, 804,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,800 ft^3/s, May 1, 1958, gage height, 24.90 ft; maximum gage height, 25.12 ft., Apr. 8, 1997; no flow at times in 1954, 1956, 1964, 1969, 1972, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 14,500 ft^3/s, maximum gage height, 19.49 ft, Dec. 21; minimum gage height, 6.51 ft, Sept. 25.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.26	7.63	8.58	10.83	10.56	10.30	14.26	7.60	7.50	7.15	7.16	6.75
2	7.26	7.54	8.86	10.04	10.24	10.05	14.07	7.55	7.51	7.16	7.13	6.74
3	7.25	7.48	9.11	9.38	9.86	9.71	14.03	7.50	7.59	7.16	7.11	6.72
4	7.25	7.43	9.26	8.86	9.46	9.37	14.16	7.52	7.66	7.18	7.08	6.71
5	7.27	7.40	9.30	8.58	9.17	9.02	14.28	7.52	7.65	7.18	7.06	6.69
6	7.26	7.38	9.30	8.60	9.37	8.66	14.24	7.56	7.57	7.18	7.04	6.68
7	7.27	7.36	9.32	8.51	9.59	8.39	14.06	7.59	7.50	7.17	7.02	6.68
8	7.26	7.34	9.42	8.57	9.81	8.25	14.62	7.63	7.44	7.16	7.00	6.71
9	7.26	7.32	9.48	8.68	10.00	8.19	15.28	7.70	7.42	7.17	6.99	6.71
10	7.26	7.32	9.52	8.75	10.11	8.11	15.55	7.84	7.43	7.15	6.97	6.70
11	7.30	7.31	9.54	8.76	10.16	8.13	15.23	8.08	7.42	7.13	6.94	6.69
12	7.31	7.30	11.15	8.76	10.19	8.69	14.71	8.33	7.37	7.13	6.94	6.67
13	7.51	7.29	12.59	8.74	10.19	9.32	14.20	8.62	7.34	7.13	6.94	6.66
14	7.76	7.29	13.09	8.70	10.14	9.97	13.69	8.79	7.29	7.13	6.95	6.65
15	8.27	7.28	14.30	8.61	10.03	10.41	13.17	8.91	7.26	7.12	6.94	6.64
16	9.55	7.27	16.59	8.51	9.82	10.73	12.68	9.16	7.22	7.13	6.96	6.64
17	13.22	7.27	18.41	8.39	9.55	10.91	12.18	10.04	7.20	7.15	6.98	6.65
18	16.47	7.26	19.01	8.25	9.23	11.01	11.65	11.37	7.20	7.15	6.97	6.66
19	16.99	7.26	19.16	8.20	8.99	11.19	11.05	12.40	7.19	7.16	6.95	6.66
20	16.44	7.23	19.38	8.16	9.07	11.95	10.41	12.75	7.17	7.22	6.94	6.71
21	15.58	7.24	19.48	8.20	9.17	13.63	9.75	12.57	7.15	7.30	6.92	6.70
22	14.69	7.24	19.22	8.37	9.43	16.58	9.09	12.03	7.14	7.31	6.91	6.67
23	13.87	7.27	18.51	8.59	9.78	18.24	8.55	11.23	7.13	7.28	6.91	6.64
24	13.09	7.30	17.48	9.01	10.10	18.50	8.22	10.24	7.13	7.25	6.89	6.61
25	12.26	7.27	16.37	9.96	10.33	18.17	7.98	9.29	7.13	7.27	6.86	6.58
26	11.36	7.28	15.35	10.26	10.46	17.62	7.83	8.58	7.14	7.25	6.84	6.57
27	10.36	7.44	14.50	10.50	10.50	16.88	7.78	8.14	7.16	7.24	6.83	6.61
28	9.29	7.59	13.76	10.72	10.45	16.12	7.73	7.86	7.17	7.24	6.81	6.60
29	8.40	8.09	13.07	10.87	---	15.39	7.64	7.71	7.17	7.22	6.78	6.59
30	7.93	8.35	12.37	10.87	---	14.73	7.62	7.61	7.16	7.20	6.77	6.58
31	7.73	---	11.62	10.77	---	14.48	---	7.55	---	7.18	6.75	---
MAX	16.99	8.35	19.48	10.87	10.56	18.50	15.55	12.75	7.66	7.31	7.16	6.75
MIN	7.25	7.23	8.58	8.16	8.99	8.11	7.62	7.50	7.13	7.12	6.75	6.57

07349250 LAKE BISTINEAU NEAR RINGGOLD, LA

LOCATION.--Lat 32°19'46", long 93°26'10", in SE ¼ NW ¼ sec.31, T.16 N., R.10 W., Bossier Parish, Hydrologic Unit 11140203, 40 ft upstream from spillway near right bank on upstream side of bridge on State Highway 154, 9.0 mi west of Ringgold, and 17.0 mi upstream from mouth of Loggy Bayou.

DRAINAGE AREA.--1,443 mi^2.

PERIOD OF RECORD.--October 1968 to current year (gage heights only).

REVISED RECORDS.--WDR LA-1971: Drainage area.

GAGE.--Water-stage recorder and concrete control at station. Datum of gage is 130.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

REMARKS.--Reservoir is formed by an earthfill dam containing a 1,200-ft concrete spillway equipped with 12 adjustable gates and a fish ladder. Each gate is 6.0-ft wide and 5.0-ft high and fits into a notch along the spillway crest. The 1.75-ft thick spillway crest is flat and has an invert at 11 ft gage height with invert of the notches at 6 ft gage height. The fish ladder is 4-ft wide and begins flowing at 4.1 ft gage height. Capacity at spillway crest is 120,000 acre-ft. Dam was completed in 1935 and enlarged in 1951. Reservoir is used for flood control and conservation. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.79 ft, Apr. 18, 1991; minimum, 3.37 ft, Nov. 18, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.72 ft, Dec. 23; minimum gage height, 10.39 ft, Sept. 30.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.04	11.34	11.58	11.93	11.80	11.71	12.60	11.21	11.27	10.98	10.96	10.58
2	11.04	11.30	11.56	11.83	11.76	11.72	12.50	11.22	11.23	10.98	10.95	10.56
3	11.03	11.26	11.55	11.72	11.72	11.70	12.41	11.24	11.22	10.98	10.94	10.55
4	11.02	11.23	11.55	11.62	11.69	11.63	12.30	11.23	11.22	10.99	10.92	10.54
5	11.05	11.19	11.55	11.62	11.69	11.59	12.24	11.21	11.22	10.99	10.91	10.53
6	11.13	11.16	11.55	11.64	11.79	11.56	12.21	11.18	11.24	11.00	10.89	10.52
7	11.07	11.15	11.56	11.60	11.80	11.53	12.17	11.18	11.22	11.00	10.88	10.52
8	11.05	11.14	11.62	11.54	11.77	11.48	12.66	11.18	11.19	10.99	10.85	10.54
9	11.04	11.13	11.62	11.51	11.75	11.50	13.05	11.21	11.18	10.98	10.82	10.56
10	11.03	11.11	11.60	11.51	11.75	11.46	12.99	11.24	11.19	10.96	10.79	10.54
11	11.08	11.10	11.61	11.52	11.72	11.42	12.82	11.23	11.18	10.95	10.77	10.53
12	11.10	11.10	12.33	11.50	11.70	11.54	12.65	11.26	11.16	10.94	10.75	10.51
13	11.23	11.09	12.77	11.47	11.70	11.59	12.48	11.35	11.13	10.93	10.74	10.50
14	11.29	11.08	12.74	11.49	11.68	11.63	12.34	11.37	11.13	10.93	10.73	10.48
15	11.32	11.08	12.57	11.47	11.69	11.71	12.22	11.38	11.08	10.92	10.75	10.46
16	11.37	11.07	12.48	11.45	11.67	11.76	12.13	11.41	11.07	10.95	10.77	10.45
17	11.46	11.07	12.74	11.46	11.65	11.77	12.07	11.51	11.04	10.96	10.78	10.46
18	11.71	11.06	12.98	11.45	11.61	11.79	11.99	11.64	11.02	10.96	10.77	10.44
19	12.10	11.06	13.15	11.46	11.59	11.79	11.92	11.69	11.00	10.95	10.76	10.44
20	12.38	11.06	13.29	11.45	11.64	11.96	11.85	11.78	10.99	10.95	10.75	10.52
21	12.47	11.03	13.47	11.44	11.64	12.16	11.77	11.86	10.98	10.97	10.74	10.54
22	12.43	11.03	13.64	11.43	11.64	12.28	11.71	11.89	10.97	10.99	10.73	10.56
23	12.34	11.01	13.70	11.42	11.62	12.52	11.61	11.87	10.96	11.01	10.71	10.54
24	12.24	11.05	13.60	11.61	11.62	12.78	11.52	11.83	10.96	11.03	10.70	10.51
25	12.14	11.05	13.36	11.80	11.67	12.96	11.49	11.75	10.95	11.04	10.70	10.51
26	12.02	11.06	13.02	11.83	11.70	13.08	11.41	11.66	10.95	11.03	10.70	10.48
27	11.90	11.24	12.69	11.82	11.68	13.05	11.31	11.59	10.96	11.02	10.67	10.43
28	11.77	11.34	12.45	11.81	11.68	12.92	11.31	11.48	10.97	11.01	10.67	10.42
29	11.65	11.51	12.28	11.80	---	12.76	11.29	11.40	10.98	11.00	10.65	10.42
30	11.53	11.58	12.15	11.79	---	12.63	11.24	11.36	10.98	10.99	10.62	10.40
31	11.42	---	12.02	11.79	---	12.68	---	11.32	---	10.97	10.60	---
MAX	12.47	11.58	13.70	11.93	11.80	13.08	13.05	11.89	11.27	11.04	10.96	10.58
MIN	11.02	11.01	11.55	11.42	11.59	11.42	11.24	11.18	10.95	10.92	10.60	10.40

07349300 FLAT RIVER NEAR SHREVEPORT, LA

LOCATION.--Lat 32°32'36", long 93°38'27", in sec.19, T.18 N., R.12 W., Bossier Parish, Hydrologic Unit 11140204. Located on east bound bridge on U.S. Hwy. 80, 0.25 miles west of intersection of Hwy. 80 and Interstate 220, 0.125 miles upstream from Musselshell Bayou, and approximately 5.7 miles from Bossier City, La..

DRAINAGE AREA.--approximately 51.4 mi^2.

PERIOD OF RECORD.--WDR LA-00-1, published annual maximum only. October 2000 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 133.95 feet above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.09 ft, March 4, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.60 ft, Dec. 12; minimum gage height, 6.26 ft, June 21.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.79	6.81	9.65	7.15	7.26	7.15	10.84	6.72	6.68	7.60	6.37	6.42
2	6.82	6.90	9.08	7.09	7.18	7.12	9.70	6.67	6.52	8.17	6.36	6.42
3	6.80	6.91	8.55	7.08	7.13	7.04	8.93	6.70	6.50	7.40	6.36	6.52
4	6.79	6.96	8.13	7.05	7.07	7.01	8.58	6.87	6.47	7.02	6.37	6.48
5	6.93	6.96	7.77	7.41	7.36	7.04	8.51	7.00	6.45	6.82	6.38	6.45
6	7.58	6.93	7.53	8.21	10.25	7.33	8.06	6.82	6.41	6.68	6.40	6.42
7	7.21	---	7.36	7.87	9.49	7.75	7.66	6.72	6.41	6.55	6.38	6.45
8	6.95	---	7.86	7.52	8.92	7.12	14.87	6.66	6.43	6.47	6.38	6.60
9	7.09	6.99	8.55	7.40	8.46	7.23	13.64	6.69	6.77	6.43	6.39	6.50
10	7.19	6.83	7.83	7.33	8.07	7.17	11.17	6.63	8.50	6.41	6.40	6.53
11	8.25	6.81	7.63	7.26	7.84	7.39	9.91	6.59	7.67	6.39	6.42	6.47
12	7.84	6.84	15.60	7.16	7.60	10.17	9.14	6.56	7.57	6.41	6.43	6.41
13	10.28	6.85	17.34	7.13	7.31	9.51	8.88	6.84	7.39	6.52	6.44	6.42
14	10.63	6.91	15.00	7.09	7.19	9.03	8.58	6.98	7.14	6.56	6.47	6.46
15	8.73	6.88	12.05	7.00	7.23	8.51	8.03	6.71	6.84	6.57	6.48	6.47
16	8.03	6.85	10.85	6.98	7.19	8.05	7.68	---	6.65	7.80	6.54	6.50
17	7.95	6.87	12.92	7.03	7.17	7.75	7.46	---	6.56	9.33	6.49	6.53
18	7.76	6.86	11.08	7.01	7.08	8.97	7.39	7.08	6.50	8.17	6.43	6.44
19	7.57	6.96	9.94	7.25	8.33	9.26	7.35	6.78	6.44	7.67	6.41	6.50
20	7.42	6.94	9.34	7.24	11.87	11.51	7.28	6.62	6.43	7.38	6.39	6.61
21	7.32	6.93	8.95	7.18	10.07	13.32	7.18	6.55	6.39	7.11	6.38	6.56
22	7.24	6.92	8.73	7.08	9.40	10.82	7.29	6.51	6.41	6.85	6.37	6.52
23	7.11	6.92	8.48	7.03	8.78	9.75	6.92	6.48	6.43	6.73	6.35	6.48
24	7.03	6.97	8.20	7.80	8.22	8.99	6.91	6.49	6.41	6.57	6.37	6.55
25	6.99	6.91	7.87	---	7.74	8.53	7.15	6.51	6.64	6.47	6.37	6.58
26	6.94	7.03	7.63	7.94	7.50	9.10	6.82	6.49	8.87	6.44	6.36	6.54
27	6.90	8.15	7.45	7.56	7.31	8.45	6.92	6.50	9.11	6.43	6.35	6.53
28	6.85	8.40	7.34	7.38	7.25	7.98	6.99	6.52	7.95	6.39	6.38	6.50
29	6.85	11.83	7.38	7.39	---	7.70	6.85	6.55	8.00	6.37	6.38	6.49
30	6.88	10.63	7.32	7.32	---	7.75	6.78	6.72	7.74	6.37	6.39	6.48
31	6.82	---	7.21	7.27	---	12.84	---	6.77	---	6.42	6.41	---
MAX	10.63	11.83	17.34	---	11.87	13.32	14.87	---	9.11	9.33	6.54	6.61
MIN	6.79	6.81	7.21	6.98	7.07	7.01	6.78	6.48	6.39	6.37	6.35	6.41

07349500 BODCAU BAYOU NEAR SAREPTA, LA

LOCATION.--Lat 32°54'18", long 93°28'58", in NE ¼ sec.15, T.22 N., R.11 W., Bossier-Webster Parish line, Hydrologic Unit 11140205, on left bank on downstream side of bridge on State Highway 2, 2.1 mi northwest of Sarepta, and 9.5 mi upstream from Caney Creek.

DRAINAGE AREA.--546 mi^2.

PERIOD OF RECORD.--October 1938 to September 1992 daily gage heights and discharges. October 1992 to current year (gage-heights and maximum peak discharge).

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Some diversion and regulation by Lake Erling (usable capacity, 79,000 acre-ft) 15 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 ft^3/s, May 2, 1958, gage height, 25.14 ft; minimum, 0.1 ft^3/s at times in 1939, 1943, 1952, and 1954; minimum gage height, 1.43 ft, Aug. 14-19, 1954.

AVERAGE DISCHARGE.--54 years (water years 1939-1992), 598 ft^3/s, 433,300 acre-ft/yr.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 22, 23, 1930, exceeded 25 ft and flood of 1905 may have reached a stage of 27 ft from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,270 ft^3/s, maximum gage height, 19.30 ft, Dec. 19; minimum gage height, 2.62 ft, Aug. 12.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.34	8.36	7.55	12.71	8.92	9.85	15.19	7.64	7.65	3.07	2.68	3.36
2	4.32	8.14	7.04	12.12	8.79	9.75	15.03	7.56	7.35	3.14	2.68	3.33
3	4.29	7.97	6.49	11.52	8.81	9.71	14.72	7.66	7.13	3.48	2.67	3.30
4	4.26	7.87	5.99	10.94	8.85	9.75	14.30	7.80	6.98	3.34	2.67	3.27
5	4.27	7.78	5.69	10.53	8.93	9.63	13.88	7.88	6.89	3.06	2.66	3.24
6	4.42	7.81	5.71	10.50	9.72	9.25	13.75	7.86	6.83	2.91	2.65	3.21
7	4.39	8.04	6.01	10.51	10.27	8.87	13.94	7.82	6.89	2.83	2.65	3.61
8	4.30	8.18	6.87	10.53	10.71	8.62	14.48	7.61	6.86	2.80	2.65	4.51
9	4.23	8.19	8.31	10.43	10.94	8.53	14.85	7.21	6.80	2.76	2.65	4.86
10	4.21	8.14	9.87	10.18	10.89	8.34	15.03	7.12	6.79	2.74	2.64	4.92
11	6.23	8.07	11.05	9.88	10.69	8.13	14.94	7.47	6.75	2.73	2.64	4.88
12	13.18	7.99	13.14	9.60	10.50	9.14	14.61	8.24	6.64	2.73	2.64	4.83
13	16.57	7.91	14.89	9.36	10.26	9.84	14.12	9.41	6.55	2.75	2.65	4.78
14	18.21	7.82	16.20	9.18	10.0	10.21	13.52	10.73	6.48	2.77	2.71	4.72
15	18.89	7.71	16.87	9.02	9.78	10.32	12.95	13.57	6.40	2.79	2.78	4.68
16	18.84	7.61	16.98	8.90	9.61	10.35	12.52	15.55	6.32	3.12	3.22	4.64
17	18.76	7.47	17.81	8.82	9.49	10.54	12.21	16.11	6.17	3.22	3.86	4.62
18	18.42	6.54	18.85	8.80	9.40	12.79	11.94	16.15	6.00	3.47	3.29	4.59
19	17.76	4.55	19.27	9.05	9.62	15.01	11.72	15.85	5.89	3.87	2.97	4.54
20	17.01	3.46	19.24	9.25	10.79	16.63	11.43	15.32	5.01	3.36	2.85	4.60
21	16.30	3.12	19.21	9.39	11.35	17.59	11.02	14.65	3.79	2.97	2.81	4.63
22	15.65	3.07	19.11	9.38	11.84	18.42	10.50	13.87	3.39	2.83	2.78	4.56
23	15.00	3.09	18.67	9.23	11.96	19.01	9.96	12.97	3.28	2.77	2.75	4.47
24	14.30	3.15	17.99	9.21	11.70	19.13	9.43	12.03	3.23	2.75	2.71	4.40
25	13.50	3.13	17.21	10.01	11.19	18.85	8.91	11.07	3.38	2.75	2.69	4.35
26	12.69	3.16	16.47	10.44	10.62	18.38	8.51	10.18	3.51	2.75	2.67	4.30
27	11.92	3.99	15.81	10.44	10.21	17.65	8.28	9.38	3.46	2.78	2.66	4.26
28	11.06	4.42	15.20	10.15	10.02	16.83	8.09	8.63	3.45	2.88	2.76	4.23
29	10.16	7.21	14.58	9.75	---	16.06	7.88	8.09	3.35	2.77	3.19	4.17
30	9.32	7.92	13.96	9.37	---	15.42	7.74	7.94	3.10	2.73	3.35	4.12
31	8.70	---	13.32	9.10	---	15.33	---	7.80	---	2.70	3.38	---
MAX	18.89	8.36	19.27	12.71	11.96	19.13	15.19	16.15	7.65	3.87	3.86	4.92
MIN	4.21	3.07	5.69	8.80	8.79	8.13	7.74	7.12	3.10	2.70	2.64	3.21

07349815 CYPRESS BAYOU LAKE NEAR BENTON, LA

LOCATION.--Lat 32°39'07", long 93°40'11", in NE ¼ SW ¼ sec.12, T.19 N., R.13 W., Bossier Parish, Hydrologic Unit 11140204, attached to pier of catwalk to diversion structure about 4,500 ft northwest of spillway, and 5.0 mi southeast of Benton.

DRAINAGE AREA.--163 mi^2.

PERIOD OF RECORD.--January 1975 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of the gage is 170.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

REMARKS.--Reservoir is formed by a 6,000-ft earthfill dam on Cypress Bayou. The 250-ft concrete spillway with crest at 9.60 ft, gage datum, is located at left end of dam. Capacity at spillway crest, 25,000 acre-ft. A 6- by 6-ft sluice gate with sill at -15.5 ft, gage datum, is located at diversion structure 4,500 ft northwest of spillway. Water from Cypress Bayou Lake is diverted into Black Bayou Lake by way of this structure.Dam completed and storage began in 1975. Reservoir is used for flood control, conservation, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.14 ft., Apr. 15, 1991; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.92 ft, Dec. 19; minimum gage height, 8.15 ft, Sept. 30.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.99	9.54	9.88	9.75	9.83	9.78	10.28	9.59	9.42	9.23	9.00	8.48
2	8.97	9.54	9.88	9.73	9.81	9.79	10.31	9.59	9.40	9.25	8.98	8.46
3	8.95	9.55	9.84	9.70	9.80	9.76	10.31	9.61	9.38	9.24	8.96	8.45
4	8.94	9.55	9.80	9.69	9.79	9.73	10.23	9.60	9.36	9.23	8.93	8.43
5	8.95	9.54	9.76	9.73	9.81	9.72	10.13	9.58	9.36	9.22	8.91	8.42
6	8.99	9.53	9.73	9.80	9.93	9.71	10.04	9.57	9.35	9.21	8.89	8.40
7	8.95	9.53	9.71	9.84	9.99	9.71	9.95	9.57	9.32	9.19	8.87	8.38
8	8.93	9.52	9.79	9.89	10.04	9.70	10.24	9.57	9.30	9.17	8.84	8.41
9	8.92	9.52	9.76	9.92	10.06	9.75	10.35	9.57	9.38	9.14	8.81	8.43
10	8.92	9.51	9.73	9.90	10.04	9.71	10.34	9.56	9.45	9.12	8.78	8.42
11	9.00	9.51	9.73	9.87	9.95	9.73	10.33	9.54	9.43	9.10	8.76	8.41
12	9.03	9.51	10.10	9.83	9.90	9.94	10.27	9.53	9.42	9.08	8.73	8.39
13	9.27	9.51	10.30	9.79	9.87	10.01	10.18	9.58	9.41	9.07	8.71	8.38
14	9.46	9.50	10.37	9.78	9.82	10.04	10.07	9.54	9.40	9.05	8.74	8.36
15	9.61	9.50	10.43	9.75	9.81	10.07	9.99	9.51	9.36	9.07	8.74	8.34
16	9.74	9.49	10.50	9.72	9.78	10.03	9.93	---	9.34	9.20	8.74	8.33
17	9.80	9.49	10.75	9.73	9.76	9.97	9.89	9.52	9.31	9.26	8.75	8.32
18	9.81	9.48	10.87	9.72	9.74	10.23	9.85	9.54	9.29	9.25	8.73	8.30
19	9.78	9.49	10.89	9.75	9.80	10.40	9.82	9.51	9.26	9.24	8.72	8.31
20	9.74	9.47	10.72	9.78	10.02	10.74	9.79	9.49	9.25	9.23	8.71	8.34
21	9.71	9.45	10.52	9.82	10.08	10.89	9.77	9.48	9.25	9.21	8.69	8.33
22	9.68	9.44	10.36	9.83	10.12	10.82	9.74	9.46	9.23	9.20	8.67	8.33
23	9.66	9.42	10.23	9.82	10.12	10.70	9.71	9.44	9.21	9.18	8.65	8.30
24	9.65	9.45	10.12	9.86	10.06	10.54	9.69	9.43	9.22	9.17	8.63	8.27
25	9.63	9.44	10.03	9.89	10.0	10.41	9.68	9.43	9.21	9.14	8.62	8.24
26	9.61	9.47	9.96	9.94	9.94	10.31	9.64	9.43	---	9.12	8.61	8.22
27	9.59	9.59	9.89	9.97	9.83	10.20	9.62	9.46	---	9.10	8.59	8.20
28	9.57	9.66	9.86	9.96	9.80	10.15	9.62	9.44	---	9.08	8.57	8.18
29	9.56	9.81	9.83	9.92	---	10.10	9.62	9.44	9.22	9.06	8.55	8.17
30	9.55	9.84	9.80	9.88	---	10.08	9.61	9.44	9.22	9.04	8.52	8.16
31	9.54	---	9.77	9.86	---	10.27	---	9.43	---	9.02	8.50	---
MAX	9.81	9.84	10.89	9.97	10.12	10.89	10.35	9.61	9.45	9.26	9.00	8.48
MIN	8.92	9.42	9.71	9.69	9.74	9.70	9.61	9.43	---	9.02	8.50	8.16

07349850 RED CHUTE BAYOU NEAR SHREVEPORT, LA

LOCATION.--Lat 32°33'15", long 93°38'27", in NW ¼ sec.16, T.18 N., R.12 W., Bossier Parish, Hydrologic Unit 11140204, on left downstream side of bridge on U.S. Highway 80, 1.0 mile east of intersection Hwy. 80 and Interstate 220, approximately 5.2 miles upstream from confluence with Bayou Fifi, and approximately 7 miles east of Bossier City, La.

DRAINAGE AREA.--approximately 949 mi^2.

PERIOD OF RECORD.--WDR LA-00-1, published annual maximum only. October 2000 to current year (gage heights only).

REVISED RECORDS.--None.

GAGE.--Digital water-stage recorder at station. Datum of gage is 137.029 ft above NGVD of 1929 (levels by Corps of Engineers, Vicksburg District).

REMARKS.--Gage operated as part of a flood alert system for Caddo and Bossier Parishes. Satellite telemetry and telephony with raingage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.52 ft, Mar. 2, 2001; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.46 ft, Apr. 10; minimum gage height, 5.94 ft, Aug. 14.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.28	18.97	14.63	22.49	20.88	17.66	22.64	21.88	18.14	9.07	---	6.45
2	7.97	19.03	14.49	22.47	20.71	17.54	22.85	21.73	18.03	8.37	---	6.38
3	7.68	19.09	14.38	22.47	20.53	17.40	22.93	21.61	17.90	7.80	---	6.35
4	7.46	19.13	14.30	22.43	20.35	17.23	23.00	21.49	17.75	7.52	---	6.28
5	7.52	19.14	14.22	22.49	20.24	17.06	23.02	21.34	17.57	7.36	---	6.24
6	7.83	19.14	14.11	22.52	20.33	16.90	23.00	21.17	17.37	7.21	---	6.28
7	7.99	19.12	13.98	22.50	20.23	16.71	22.94	21.02	17.12	7.05	---	6.35
8	8.15	19.08	13.98	22.50	20.13	16.51	23.90	20.83	16.88	6.99	6.16	6.48
9	8.16	19.03	13.86	22.49	20.03	16.38	24.26	20.63	16.74	6.88	6.12	6.54
10	8.14	18.97	13.71	22.49	19.90	16.19	24.43	---	16.56	6.85	6.09	6.54
11	8.76	18.90	13.58	22.46	19.72	16.03	24.32	---	---	6.79	6.06	6.55
12	8.39	18.81	15.58	22.41	19.55	16.23	24.22	19.96	15.88	6.71	6.00	6.58
13	9.59	18.71	16.11	22.35	19.38	16.27	24.15	19.79	15.50	6.70	5.96	6.64
14	9.56	18.60	17.32	22.29	19.20	16.39	24.09	19.55	15.10	6.86	5.97	6.79
15	9.82	18.48	17.90	22.21	19.02	16.47	24.00	19.30	14.83	6.96	6.02	6.99
16	10.35	18.33	18.45	22.13	18.82	16.51	23.89	---	14.56	7.31	6.21	7.17
17	11.49	18.17	19.55	22.05	18.63	16.49	23.77	18.90	14.29	7.71	6.27	7.33
18	12.86	17.95	20.12	21.96	18.43	16.58	23.65	18.71	14.00	7.77	6.32	7.46
19	14.03	17.69	20.89	21.91	18.37	16.94	23.54	18.53	13.69	7.88	6.38	7.58
20	14.86	17.41	21.45	21.81	18.43	17.96	23.42	18.42	13.38	7.81	6.40	7.74
21	15.55	17.11	21.77	21.72	18.43	19.09	23.30	18.36	13.06	7.58	6.41	7.83
22	16.27	16.78	21.98	21.69	18.41	19.86	23.17	18.33	12.73	7.33	6.44	7.92
23	16.84	16.42	22.15	21.63	18.34	20.48	23.04	18.32	12.37	7.12	6.50	8.02
24	17.31	16.05	22.26	21.61	18.26	20.83	22.91	18.31	12.04	7.01	6.55	8.04
25	17.63	15.66	22.34	21.59	18.17	21.11	22.78	18.30	11.73	6.98	6.56	7.95
26	17.86	15.31	22.40	21.50	18.07	21.46	22.63	18.30	11.48	6.97	6.56	7.93
27	18.11	15.28	22.45	21.44	17.94	21.59	22.48	18.36	11.15	6.92	6.54	7.88
28	18.34	15.06	22.47	21.33	17.79	21.72	22.33	18.35	10.72	6.84	6.55	7.87
29	18.52	15.21	22.49	21.22	---	21.82	22.19	18.32	10.21	6.73	6.58	7.85
30	18.70	14.85	22.50	21.11	---	21.93	22.04	18.28	9.70	---	6.55	7.77
31	18.86	---	22.50	20.99	---	22.51	---	18.23	---	---	6.50	---
MAX	18.86	19.14	22.50	22.52	20.88	22.51	24.43	21.88	18.14	9.07	---	8.04
MIN	7.46	14.85	13.58	20.99	17.79	16.03	22.04	18.23	9.70	---	---	6.24

07349860 RED CHUTE BAYOU AT SLIGO, LA

LOCATION.--Lat 32°26'50", long 93°35'40", SW ¼ NW ¼ sec.22, T.17 N., R.12 W., Bossier Parish, Hydrologic unit 11140204, on downstream side of bridge on State Highway 612, 0.5 mi west of Sligo.

DRAINAGE AREA.--980 mi^2.

PERIOD OF RECORD.--Annual maximums, water years 1960-80. July 1980 to current year.

REVISED RECORDS.--WDR LA-82-1: 1968-80(M).

GAGE.--Water-stage recorder. Elevation of gage is 120.00 ft above NGVD of 1929. Dec. 1, 1959 to July 10, 1980, crest-stage indicator at same site. Dec. 1, 1966 to July 10, 1980 at datum 121.26 ft lower and prior to Dec. 1, 1966 at sea level.

REMARKS.--Records good. Satellite telemetry and rain gage at site.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e90	1690	912	2620	2190	1490	3050	2440	1600	256	e27	22
2	e82	1710	884	2600	2150	1470	3050	2400	1580	219	e24	21
3	e71	1720	863	2590	2100	1440	3020	2360	1550	155	e21	18
4	67	1720	847	2590	2070	1410	3000	2330	1520	102	e19	18
5	66	1730	833	2610	2060	1370	2980	2300	1490	86	e18	16
6	91	1730	819	2630	2190	1350	2920	2260	1460	78	e18	15
7	84	1720	803	2610	2160	1320	2840	2220	1410	72	e17	17
8	91	1720	806	2600	2120	1280	3580	2180	1360	e68	17	20
9	96	1710	803	2590	2080	1250	3920	2130	1330	e60	15	23
10	96	1710	781	2580	2010	1210	3890	2080	1300	e48	14	24
11	137	1690	764	2570	1950	1180	3670	2030	1240	e41	13	24
12	125	1680	1360	2560	1900	1230	3510	1970	1170	e38	13	24
13	264	1660	1730	2540	1860	1270	3410	1930	1100	e43	12	26
14	239	1640	1970	2520	1810	1310	3360	1880	1030	e46	12	29
15	233	1610	1950	2500	1770	1320	3280	1820	978	e51	11	37
16	263	1590	1900	2480	1730	1300	3200	1780	934	e65	14	48
17	385	1560	2230	2460	1690	1280	3120	1750	888	89	21	57
18	578	1520	2340	2440	1640	1280	3050	1720	843	95	18	66
19	762	1460	2500	2430	1630	1340	3010	1670	799	100	19	73
20	908	1400	2630	2400	1680	1580	2960	1650	753	101	20	83
21	1020	1360	2700	2370	1710	1910	2910	1640	707	90	21	88
22	1150	1300	2750	2400	1710	2120	2860	1630	661	78	21	92
23	1260	1230	2780	2390	1670	2290	2810	1630	614	e68	22	98
24	1360	1160	2790	2390	1630	2380	2770	1630	569	e57	24	103
25	1430	1090	2770	2450	1610	2450	2730	1630	530	e53	25	100
26	1480	1020	2760	2400	1590	2600	2680	1630	501	e50	25	96
27	1530	1020	2740	2370	1550	2620	2630	1640	468	e48	25	94
28	1580	979	2700	2320	1520	2630	2580	1640	444	e43	24	91
29	1610	1050	2680	2280	---	2640	2530	1630	354	e38	25	91
30	1640	966	2650	2250	---	2650	2490	1630	297	e35	25	88
31	1670	---	2640	2220	---	2970	---	1620	---	e31	23	---
TOTAL	20458	44145	57685	76760	51780	53940	91810	58850	29480	2404	603	1602
MEAN	659.9	1472	1861	2476	1849	1740	3060	1898	982.7	77.55	19.45	53.40
MAX	1670	1730	2790	2630	2190	2970	3920	2440	1600	256	27	103
MIN	66	966	764	2220	1520	1180	2490	1620	297	31	11	15
AC-FT	40580	87560	114400	152300	102700	107000	182100	116700	58470	4770	1200	3180

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	171.0	458.6	1047	1591	1987	2151	1981	1388	1022	635.7	224.2	104.7
MAX	724	2001	2200	3757	3802	5021	4827	4244	2567	3288	2130	419
(WY)	1985	1985	2001	2001	2001	2001	1997	1991	1989	1989	1989	1989
MIN	6.97	22.0	47.0	66.3	79.8	44.6	152	71.7	14.5	21.8	14.1	4.24
(WY)	1989	1981	1981	2000	1996	1996	1996	1982	1988	1988	1987	1987

07349860 RED CHUTE BAYOU AT SLIGO, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	764677		489517			
ANNUAL MEAN	2095		1341		1059	
HIGHEST ANNUAL MEAN					2068	1997
LOWEST ANNUAL MEAN					206	1982
HIGHEST DAILY MEAN	5460	Mar 3	3920	Apr 9	6630	Apr 15 1991
LOWEST DAILY MEAN	40	Aug 29	11	Aug 15	2.2	Oct 5 1982
ANNUAL SEVEN-DAY MINIMUM	43	Aug 25	13	Aug 10	2.8	Sep 30 1982
MAXIMUM PEAK FLOW			a3970	Apr 9	6800	Apr 14 1991
MAXIMUM PEAK STAGE			a33.56	Apr 9	38.26	Apr 14 1991
INSTANTANEOUS LOW FLOW			b11	Aug 15	*	
INSTANTANEOUS LOW STAGE			b15.33	Aug 15	*	
ANNUAL RUNOFF (AC-FT)	1517000		971000		767400	
10 PERCENT EXCEEDS	4400		2660		2750	
50 PERCENT EXCEEDS	1910		1460		528	
90 PERCENT EXCEEDS	79		24		25	

a Also occurred Apr. 10
b Also occurred Aug. 16
e Estimated
* Not determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	26.16	22.52	29.69	28.17	25.33	31.03	29.07	25.77	18.33	---	15.60
2	---	26.23	22.37	29.64	28.01	25.22	31.02	28.91	25.68	18.00	---	15.55
3	---	26.28	22.26	29.60	27.83	25.10	30.93	28.78	25.57	17.40	---	15.51
4	16.43	26.31	22.17	29.57	27.71	24.94	30.87	28.69	25.44	16.82	---	15.51
5	16.42	26.33	22.10	29.65	27.69	24.79	30.80	28.56	25.29	16.62	---	15.45
6	16.75	26.33	22.02	29.74	28.15	24.70	30.65	28.41	25.12	16.50	---	15.43
7	16.66	26.31	21.92	29.66	28.06	24.55	30.41	28.28	24.92	16.43	---	15.47
8	16.76	26.31	21.94	29.61	27.90	24.36	32.51	28.12	24.70	---	15.47	15.55
9	16.81	26.28	21.92	29.59	27.74	24.23	33.43	27.92	24.55	---	15.43	15.62
10	16.81	26.23	21.80	29.57	27.50	24.06	33.34	27.74	24.43	---	15.40	15.63
11	17.26	26.17	21.71	29.53	27.25	23.89	32.76	27.54	24.14	---	15.38	15.63
12	17.14	26.10	24.63	29.47	27.06	24.16	32.31	27.33	23.82	---	15.37	15.64
13	18.37	26.03	26.35	29.40	26.88	24.34	32.05	27.16	23.47	---	15.36	15.67
14	18.22	25.93	27.34	29.33	26.70	24.52	31.90	26.95	23.14	---	15.36	15.74
15	18.17	25.83	27.23	29.26	26.52	24.56	31.69	26.72	22.86	---	15.33	15.89
16	18.42	25.72	27.04	29.19	26.35	24.49	31.45	26.54	22.63	---	15.39	16.06
17	19.31	25.58	28.31	29.13	26.16	24.38	31.22	26.44	22.39	16.66	15.58	16.21
18	20.58	25.40	28.69	29.06	25.99	24.38	31.02	26.27	22.15	16.73	15.49	16.34
19	21.70	25.15	29.28	29.03	25.91	24.63	30.89	26.10	21.90	16.80	15.52	16.45
20	22.49	24.89	29.73	28.92	26.17	25.70	30.77	25.99	21.64	16.80	15.55	16.57
21	23.08	24.69	29.97	28.82	26.28	27.10	30.61	25.93	21.38	16.67	15.56	16.64
22	23.70	24.42	30.11	28.91	26.28	27.88	30.46	25.89	21.10	16.51	15.56	16.70
23	24.24	24.10	30.21	28.90	26.12	28.51	30.31	25.88	20.81	---	15.59	16.78
24	24.68	23.75	30.23	28.89	25.95	28.85	30.18	25.88	20.53	---	15.63	16.83
25	25.01	23.39	30.17	29.10	25.84	29.09	30.06	25.88	20.27	---	15.65	16.79
26	25.24	23.06	30.14	28.93	25.74	29.61	29.90	25.88	20.09	---	15.65	16.75
27	25.45	23.08	30.08	28.81	25.60	29.69	29.72	25.93	19.87	---	15.65	16.72
28	25.67	22.86	29.97	28.64	25.45	29.74	29.54	25.93	19.71	---	15.64	16.69
29	25.82	23.21	29.88	28.51	---	29.77	29.39	25.91	19.09	---	15.65	16.69
30	25.96	22.79	29.81	28.39	---	29.79	29.23	25.88	18.66	---	15.65	16.65
31	26.10	---	29.74	28.28	---	30.79	---	25.84	---	---	15.62	---
MAX	26.10	26.33	30.23	29.74	28.17	30.79	33.43	29.07	25.77	18.33	---	16.83
MIN	---	22.79	21.71	28.28	25.45	23.89	29.23	25.84	18.66	---	15.33	15.43

07349910 RED CHUTE BAYOU NEAR HIGH ISLAND, LA

LOCATION.--Lat 32°33'15", long 93°38'27", in NW ¼ sec.16, T.18 N., R.12 W., Bossier Parish, Hydrologic Unit 11140204, near center span on downstream side of wooden bridge on Poole Rd., 4.6 miles east of Intersection of Hwy. 71 and Poole Rd., 1.8 miles upstream from confluence with Loggy Bayou, and approximately 25 miles south of Bossier City, La.

DRAINAGE AREA.--approximately 1,124 mi^2.

PERIOD OF RECORD.--WDR LA-00-1, published annual maximum only. October 2000 to current year (gage heights only).

REVISED RECORDS.--None.

GAGE.--Digital water-stage recorder at station. Datum of gage not determined.

REMARKS.--Gage operated as part of a flood alert system for Caddo and Bossier Parishes. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 33.17 ft, Mar. 6, 2001; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.28 ft, Dec. 22; minimum gage height, 7.43 ft, Sept. 26.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.89	10.57	10.55	19.98	15.64	13.02	25.22	17.25	10.41	7.77	7.87	7.56
2	7.84	10.34	10.41	19.09	14.98	12.54	25.17	15.99	11.18	7.77	7.83	7.71
3	7.84	10.34	10.71	17.87	16.02	12.09	25.26	15.39	10.39	7.75	7.90	7.78
4	7.81	10.45	10.49	17.06	18.62	11.28	25.10	15.36	10.02	7.98	7.98	7.83
5	7.86	10.48	10.36	16.68	19.75	11.02	24.64	15.55	9.96	7.97	7.82	7.82
6	7.89	10.32	10.15	16.71	20.10	10.80	23.89	15.35	10.39	7.67	7.95	7.74
7	7.74	10.28	10.01	15.89	19.16	10.46	22.91	---	10.57	7.83	7.97	7.93
8	7.68	10.37	9.94	15.31	18.40	10.41	23.85	---	10.64	7.69	7.86	7.78
9	7.66	10.29	9.94	14.83	17.76	10.63	25.44	---	10.43	7.84	7.81	7.73
10	7.90	10.24	9.65	14.59	17.37	10.94	26.00	---	10.21	7.92	8.01	7.72
11	8.08	10.11	9.73	14.16	17.60	10.53	26.25	---	10.02	8.00	7.76	7.69
12	9.50	10.02	15.56	14.05	17.15	11.05	26.62	13.11	10.12	7.95	7.72	7.62
13	10.66	9.94	19.54	13.54	16.35	11.66	26.55	13.18	9.84	7.95	7.83	7.78
14	12.21	9.90	19.91	13.33	16.11	11.48	26.12	13.00	9.31	7.80	7.92	7.72
15	12.72	9.90	19.53	13.37	15.15	12.02	25.39	12.34	9.20	7.65	7.83	7.66
16	12.77	9.87	18.76	13.27	14.60	12.39	24.73	12.17	8.97	8.03	7.69	7.62
17	13.23	9.81	19.73	12.97	13.86	12.15	24.25	12.33	8.80	7.97	7.77	7.74
18	14.34	9.67	21.63	12.77	13.17	12.19	24.17	12.40	8.76	7.75	7.85	7.83
19	14.94	9.56	24.27	12.87	12.71	13.39	24.08	11.80	8.58	7.95	7.70	7.84
20	15.19	9.47	26.14	13.00	13.55	14.68	23.71	11.88	8.42	7.85	7.61	7.96
21	15.09	9.45	27.14	12.88	13.75	17.46	23.17	11.78	8.44	7.86	7.56	7.94
22	14.85	9.27	27.25	12.76	13.57	20.49	22.87	11.91	8.56	7.91	8.06	7.77
23	14.57	9.18	27.04	12.80	14.07	23.18	22.69	12.33	8.58	7.73	8.19	7.67
24	13.99	9.06	26.58	13.76	14.09	24.74	22.50	12.33	8.12	7.75	8.16	7.57
25	13.34	9.02	26.14	---	14.52	25.52	22.42	11.90	8.05	7.92	8.25	7.55
26	12.53	8.89	25.70	---	14.74	25.61	21.83	11.45	8.06	7.79	7.83	7.51
27	11.98	9.11	24.82	---	13.91	25.29	20.76	10.94	8.23	7.95	7.81	7.73
28	11.39	9.25	23.66	15.00	13.19	25.29	19.82	10.72	8.11	7.92	7.69	7.84
29	10.88	10.45	22.64	15.23	---	25.25	19.14	10.58	8.03	7.90	7.76	7.82
30	10.63	10.90	21.64	15.70	---	24.91	18.48	10.48	7.90	8.02	7.74	7.71
31	10.61	---	20.79	15.93	---	25.09	---	10.63	---	7.99	7.75	---
MAX	15.19	10.90	27.25	19.98	20.10	25.61	26.62	17.25	11.18	8.03	8.25	7.96
MIN	7.66	8.89	9.65	12.76	12.71	10.41	18.48	10.48	7.90	7.65	7.56	7.51

07350500 RED RIVER AT COUSHATTA, LA

LOCATION.--Lat 32°00'45", long 93°21'10", in lot 23, T. 12 N., R. 10 W., Red River Parish, Hydrologic Unit 08040301 at bridge on U.S. Highway 84 at Coushatta, 11.0 mi downstream from Coushatta Bayou, and at mile 242.4.

DRAINAGE AREA.--63,362 mi^2.

PERIOD OF RECORD.--Water years 1970-1976, 1987 to current year.

REMARKS.--Water-quality samples are non-integrated and collected from center span of bridge. All dissolved constituents are results from water that has be filtered through 0.45 micron filters.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI-FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
OCT													
24...	1400	156	7.4	21.3	70	59	6.8	20	1.1	400	--	140	53
NOV													
27...	1400	374	7.8	16.5	30	2.9	6.9	30	2.0	--	116	200	--
JAN													
08...	1015	275	7.1	7.2	70	49	13.8	20	6.6	1500	48	150	70
31...	0945	376	7.3	14.4	100	42	10.2	20	1.3	--	140	100	99
FEB													
27...	1055	232	7.5	10.2	80	63	10.1	10	2.1	860	36k	700	71
MAR													
27...	0915	173	7.7	12.7	30	350	8.1	30	1.7	2300	--	200k	61
APR													
29...	1045	509	7.7	22.1	50	99	8.1	20	1.6	--	>150	70k	140
MAY													
30...	0900	344	7.8	24.3	40	14	7.0	30	2.3	200k	4k	160	100
JUL													
02...	0850	446	8.0	27.6	20	2.3	3.5	20	1.3	--	3k	--	160
AUG													
01...	1020	764	8.5	30.3	20	3.5	6.4	10	--	50k	<4	18k	210
21...	1010	783	8.4	29.0	20	4.9	14.5	20	--	--	7k	--	200
SEP													
25...	1200	914	8.2	25.5	120	100	8.1	10	--	135	12k	10k	130

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
24...	15.5	3.39	10.4	2.71	49	11.8	11.8	.1	103	85	64	<.01	.140
NOV													
27...	--	9.50	33.0	3.80	82	43.0	40.0	.1	240	--	8	<.01	.090
JAN													
08...	20.0	4.80	21.0	2.70	42	31.0	29.0	<.1	154	134	3	<.01	.170
31...	27.0	7.60	33.0	3.00	56	49.0	47.0	.1	227	191	46	<.01	.190
FEB													
27...	21.0	4.60	16.0	2.30	55	25.0	21.0	<.1	143	127	68	<.01	.210
MAR													
27...	19.0	3.30	8.7	2.30	56	12.0	10.0	.1	116	89	243	<.01	.160
APR													
29...	37.0	11.0	47.0	2.90	68	68.0	69.0	.1	293	276	126	.01	.190
MAY													
30...	30.0	7.20	26.0	2.80	77	33.0	32.0	.1	194	177	17	<.01	<.020
JUL													
02...	44.0	11.0	31.0	3.40	135	41.0	35.0	.2	264	247	6	.02	.060
AUG													
01...	57.0	16.0	74.0	4.00	142	90.0	95.0	.2	452	422	8	<.01	<.020
21...	54.0	16.0	77.0	4.00	137	96.0	100	.2	455	429	8	<.01	<.020
SEP													
25...	37.0	8.90	46.0	3.90	168	55.0	53.0	.2	285	304	97	<.01	.060

07350500 RED RIVER AT COUSHATTA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT					
24...	.05	E.70cl	E.07cl	.080	10.4
NOV					
27...	.10	E.60cl	E.05cl	E.050cl	12.6
JAN					
08...	.04	.50	.06	.050	8.5
31...	.07	.60	.09	.060	7.2
FEB					
27...	.07	.60	.10	.090	8.0
MAR					
27...	.08	1.0	.21	.140	12.2
APR					
29...	.04	.70	.10	.050	8.4
MAY					
30...	.06	.50	.05	.030	8.4
JUL					
02...	.03	.70	.04	.020	7.5
AUG					
01...	.03	.80	.04	.020	7.0
21...	<.01	.80	.04	.030	7.4
SEP					
25...	.06	1.3	.03	.040	8.0

Date	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
OCT													
24...	2	M	M	2.3	2.3	2160	2	132	<.1	3.3	M	8	<.01
JAN													
31...	1	<1	<1.0	1.5	2.1	1420	1	58	<.1	2.3	<1	8	<.01
APR													
29...	<1	<1	<1.0	2.7	<1.0	2820	2	130	<.1	4.8	<1	10	<.01
AUG													
01...	2	<1	<1.0	<1.0	1.5	130	<1	113	<.1	1.9	<1	3	<.01
SEP													
25...	1	<1	<1.0	<1.0	1.3	2490	<1	149	<.1	1.7	<1	11	<.01

Date	PHENOLS TOTAL (UG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)
OCT		
24...	<16	<7
JAN		
31...	<16	<7
APR		
29...	<16	<7
AUG		
01...	<16	<7
SEP		
25...	<16	<7

Remark codes used in this report:

E Estimated value.
< Actual value is known to be less than the value shown.
> Actual value is known to be greater than the value shown.
M Presence of material verified but not quantified.

Value qualifier codes used in this report:
c -- See laboratory comment
k -- Counts outside acceptable range
l -- Sample lab preparation problem

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA

LOCATION.--Lat 32°18'00", long 93°49'40", in SW ¼ sec.8, T.15 N., R.14 W., Caddo Parish, Hydrologic Unit 11140206, on downstream side of bridge on U.S. Highway 171, immediately downstream from Texas and Pacific Railroad bridge, 2.0 mi south of Keithville, and 6.0 mi upstream from mouth of Boggy Bayou.

DRAINAGE AREA.--66 mi^2.

PERIOD OF RECORD.--Sept. 26, 1938 to September 1957. October 1957 to September 1982 (annual maximum). Oct. 4, 1982, to current year.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 162.13 ft above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Records fair above 50 ft^3/s and poor below, except for periods of estimated record, which are poor. Satellite telemetry and rain gage at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of July 1933 reached a stage of 18.0 ft, from floodmark.

PEAK DISCHARGES 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)
Apr 8	1830	*9,280	*11.67	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.31	1.4	17	11	16	7.6	755	7.7	13	11	0.74	0.00
2	0.32	1.5	6.4	11	14	9.1	114	7.4	12	14	0.82	0.00
3	0.34	1.7	3.9	11	12	11	42	7.6	12	19	0.88	0.00
4	0.35	1.7	3.3	9.9	11	8.5	23	8.8	12	13	0.87	0.00
5	0.43	1.8	2.7	31	23	7.5	15	8.9	11	9.7	0.82	0.00
6	0.93	1.9	3.2	262	585	6.9	11	8.4	10	9.5	0.76	0.00
7	1.8	2.2	3.6	83	485	7.0	9.0	8.5	10	9.5	0.71	0.00
8	0.73	2.3	7.8	37	90	7.3	3880	8.7	10	9.1	0.66	0.00
9	0.57	2.6	20	24	47	7.4	2210	8.3	11	8.9	0.61	0.00
10	0.55	2.9	8.6	20	33	7.8	353	8.4	12	9.0	0.56	0.00
11	7.5	3.0	5.0	17	22	8.4	82	8.3	15	8.7	0.49	0.00
12	15	2.4	778	14	17	213	43	8.0	11	8.3	0.44	0.00
13	186	2.2	1980	12	18	182	25	9.2	3.6	17	0.40	0.00
14	198	2.8	774	11	14	52	17	11	4.8	23	0.37	0.00
15	7.2	3.3	291	9.9	11	29	13	11	7.1	19	0.35	0.00
16	0.81	3.8	65	9.2	10	20	9.1	9.8	8.4	100	0.37	0.00
17	0.37	4.2	442	8.6	9.4	14	8.4	9.8	8.7	336	0.38	0.00
18	0.26	4.4	274	8.7	9.6	11	8.9	37	8.3	27	0.33	0.00
19	0.31	4.6	65	51	12	12	8.3	11	7.7	9.7	0.35	0.00
20	0.40	4.8	36	80	343	145	7.5	8.4	6.9	4.2	0.48	0.00
21	0.45	5.1	25	35	172	834	7.5	8.2	6.9	2.3	0.49	0.00
22	0.56	5.1	20	21	41	343	7.4	8.8	6.7	1.2	0.45	0.00
23	0.61	5.4	18	17	25	58	7.7	8.6	6.2	0.83	0.40	0.00
24	0.68	5.7	16	72	18	33	8.0	8.2	6.7	0.69	0.35	0.00
25	0.78	5.5	14	418	13	24	8.0	8.5	9.2	18	0.29	0.00
26	0.82	6.1	13	102	11	220	8.0	9.2	9.4	17	0.24	0.00
27	0.86	8.7	12	42	7.9	166	7.8	9.6	9.6	0.78	0.18	0.00
28	0.88	12	12	28	7.3	51	6.9	11	12	0.34	0.14	0.00
29	0.95	115	12	22	---	31	7.1	11	18	0.17	0.07	0.00
30	1.1	101	11	19	---	23	7.8	12	16	0.29	0.01	0.00
31	1.2	---	11	16	---	572	---	13	---	0.61	0.00	---
TOTAL	431.07	325.1	4950.5	1513.3	2077.2	3121.5	7710.4	314.3	295.2	707.81	14.01	0.00
MEAN	13.91	10.84	159.7	48.82	74.19	100.7	257.0	10.14	9.840	22.83	0.452	0.000
MAX	198	115	1980	418	585	834	3880	37	18	336	0.88	0.00
MIN	0.26	1.4	2.7	8.6	7.3	6.9	6.9	7.4	3.6	0.17	0.00	0.00
AC-FT	855	645	9820	3000	4120	6190	15290	623	586	1400	28	0.00
CFSM	0.21	0.16	2.42	0.74	1.12	1.53	3.89	0.15	0.15	0.35	0.01	0.00
IN.	0.24	0.18	2.79	0.85	1.17	1.76	4.35	0.18	0.17	0.40	0.01	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	25.54	47.61	106.3	177.9	187.9	137.6	132.3	107.2	51.74	15.56	18.44	4.045
MAX	370	437	534	1014	452	388	603	517	436	196	454	106
(WY)	1950	1941	1941	1999	1990	1997	1997	1953	1986	1989	1955	1996
MIN	0.000	0.000	0.000	3.26	5.73	4.57	5.19	0.85	0.000	0.000	0.000	0.000
(WY)	1940	1940	1957	1956	1943	1986	1943	1998	1998	1954	1943	1939

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	35261.72		21460.39			
ANNUAL MEAN	96.61		58.80		84.47	
HIGHEST ANNUAL MEAN					168	1941
LOWEST ANNUAL MEAN					3.59	1943
HIGHEST DAILY MEAN	3170	Feb 28	3880	Apr 8	16600	Jan 29 1999
LOWEST DAILY MEAN	0.00	Jun 13	a0.00		b0.00	
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 13	a0.00		b0.00	
MAXIMUM PEAK FLOW			9280	Apr 8	27200	Jan 29 1999
MAXIMUM PEAK STAGE			11.67	Apr 8	13.62	Aug 3 1955
INSTANTANEOUS LOW FLOW			a0.00		b0.00	
INSTANTANEOUS LOW STAGE			2.15	Jun 13	*	
ANNUAL RUNOFF (AC-FT)	69940		42570		61190	
ANNUAL RUNOFF (CFSM)	1.46		0.89		1.28	
ANNUAL RUNOFF (INCHES)	19.87		12.10		17.39	
10 PERCENT EXCEEDS	195		75		117	
50 PERCENT EXCEEDS	2.5		8.6		5.0	
90 PERCENT EXCEEDS	0.00		0.22		0.00	

a Many days
b At times most years
* Not determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.30	2.69	3.51	2.83	3.02	2.66	8.93	2.51	2.77	2.69	2.90	2.77
2	2.30	2.70	3.09	2.82	2.96	2.74	4.82	2.49	2.73	2.79	2.95	2.74
3	2.31	2.72	2.93	2.82	2.86	2.83	3.72	2.50	2.72	3.01	2.97	2.73
4	2.32	2.73	2.88	2.78	2.81	2.71	3.25	2.57	2.71	2.77	2.98	2.75
5	2.36	2.74	2.83	3.26	3.11	2.66	2.98	2.57	2.68	2.61	2.97	2.74
6	2.55	2.76	2.87	6.37	8.40	2.62	2.82	2.54	2.65	2.60	2.95	2.73
7	2.73	2.78	2.91	4.42	7.78	2.63	2.74	2.54	2.64	2.60	2.94	2.71
8	2.51	2.80	3.14	3.61	4.53	2.65	9.62	2.56	2.64	2.58	2.93	2.71
9	2.44	2.83	3.62	3.29	3.82	2.65	10.29	2.54	2.67	2.57	2.92	2.72
10	2.43	2.85	3.20	3.15	3.51	2.67	6.92	2.54	2.72	2.58	2.91	2.70
11	2.96	2.86	3.00	3.06	3.23	2.71	4.38	2.54	2.83	2.55	2.89	2.68
12	3.42	2.80	7.82	2.96	3.07	5.64	3.65	2.53	2.68	2.54	2.88	2.66
13	5.44	2.79	10.34	2.88	3.09	5.55	3.20	2.58	2.22	2.86	2.87	2.64
14	5.78	2.84	9.39	2.83	2.94	3.91	2.93	2.69	2.31	3.13	2.87	2.61
15	3.08	2.89	6.40	2.78	2.84	3.43	2.75	2.66	2.47	3.00	2.88	2.60
16	2.54	2.92	4.16	2.75	2.80	3.17	2.58	2.62	2.54	4.22	2.90	2.61
17	2.33	2.95	7.56	2.72	2.76	2.94	2.54	2.62	2.55	6.80	2.91	2.60
18	2.27	2.97	6.30	2.72	2.76	2.85	2.57	3.45	2.54	3.38	2.90	2.60
19	2.30	2.98	4.15	3.72	2.87	2.86	2.54	2.69	2.51	2.89	2.92	2.59
20	2.35	2.99	3.58	4.39	6.86	4.63	2.50	2.54	2.46	2.69	2.98	2.63
21	2.38	3.01	3.29	3.56	5.36	9.41	2.50	2.53	2.46	2.64	2.98	2.62
22	2.43	3.01	3.17	3.20	3.70	6.74	2.49	2.56	2.45	2.64	2.97	2.60
23	2.46	3.03	3.08	3.05	3.30	4.04	2.51	2.55	2.41	2.64	2.95	2.58
24	2.49	3.05	3.03	3.93	3.08	3.52	2.53	2.53	2.44	2.71	2.93	2.56
25	2.53	3.04	2.95	7.52	2.91	3.28	2.52	2.55	2.58	3.38	2.91	2.54
26	2.55	3.07	2.90	4.68	2.82	5.76	2.53	2.58	2.60	3.72	2.89	2.52
27	2.57	3.20	2.87	3.73	2.68	5.39	2.51	2.61	2.60	2.92	2.87	2.50
28	2.58	3.34	2.88	3.40	2.64	3.90	2.46	2.67	2.70	2.71	2.85	2.48
29	2.62	5.12	2.86	3.23	---	3.46	2.47	2.70	2.97	2.62	2.83	2.46
30	2.64	5.00	2.84	3.13	---	3.25	2.51	2.71	2.87	2.68	2.81	2.44
31	2.66	---	2.84	3.05	---	7.92	---	2.74	---	2.84	2.79	---
MAX	5.78	5.12	10.34	7.52	8.40	9.41	10.29	3.45	2.97	6.80	2.98	2.77
MIN	2.27	2.69	2.83	2.72	2.64	2.62	2.46	2.49	2.22	2.54	2.79	2.44

07351750 BAYOU PIERRE NEAR LAKE END, LA

LOCATION.--Lat 31°53'40", long 93°20'30", in E ½ sec.36, T.11 N., R.10 W., Natchitoches Parish, Hydrologic Unit 11140206, near right bank on downstream side of bridge on State Highway 174, ½ mi downstream from Jims River, and 2.9 mi southwest of Lake End.

DRAINAGE AREA.--860 mi^2.

PERIOD OF RECORD.--October 1980 to current year. November 30, 1959 to September 1980, annual maximum and miscellaneous measurements only.

GAGE.--Water stage recorder. Datum of gage is 90.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Prior to September 1980, nonrecording gage at same site. Water stage recorder for Bayou Pierre near Powhatan (station 07351755) used as auxiliary gage for this station at datum 83.61 ft above sea level.

REMARKS.--Records fair above 300 ft^3/s and poor below, except for periods of estimated record, which are poor. Satellite telemetry at station.

AVERAGE DISCHARGE.--22 years, 1036 ft^3/s, 750,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,700 ft^3/s, Feb. 2, 1999, gage height, 30.86 ft; maximum gage height, 33.63 ft, May 19, 1989; minimum daily discharge, 12 ft^3/s, June 10, 11, 15, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,300 ft^3/s, Dec. 14, gage height, 26.86 ft; maximum gage height, 26.88 ft, Dec. 15; minimum discharge not determined; mimimum gage height, 4.78 ft, Sep. 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e209	e183	3370	e374	e560	e412	e3520	e222	e185	e163	e532	e123
2	e186	e183	2450	e313	e565	e326	e2600	e226	e157	e141	e369	e130
3	e144	e145	1710	e311	e341	e344	1980	e179	e230	e148	e274	e124
4	e139	e139	1420	e276	e156	e369	1490	e160	e165	e129	e210	e109
5	e120	e159	1120	e374	e334	e318	1100	e139	e122	e148	e167	e110
6	e171	e159	923	e732	1910	e283	881	e161	e141	e128	e151	e138
7	e287	e126	746	e965	3140	e321	798	e223	e164	e144	e128	e120
8	e342	e153	669	e958	3580	e264	2390	e179	e169	e115	e116	e123
9	e249	e150	765	e900	3180	e343	5740	e158	e170	e142	e131	e134
10	e226	e114	744	e716	2310	e245	7280	e157	e195	e138	e132	e127
11	e223	e117	614	e650	1320	e295	7490	e204	e182	e104	e116	e105
12	e240	e125	e5100	e504	834	e335	6570	e146	e171	e112	e147	e120
13	680	e141	e11500	e447	e699	477	5340	e138	e179	e119	e138	e101
14	1190	e134	e12300	e423	e506	716	3740	e167	e151	e298	e117	e103
15	1370	e113	12100	e322	e484	640	2410	e200	e134	e271	e117	e132
16	1280	e114	11600	e321	e444	567	1710	e179	e161	e324	e133	e122
17	1150	e139	11400	e311	e407	616	1290	e142	e144	e375	e128	e139
18	859	e134	10500	e316	e332	540	941	e193	e119	e429	e148	e123
19	683	e116	8930	e277	e353	295	714	e304	e123	e462	e148	e125
20	564	e129	7230	e259	e353	537	e612	e236	e146	e401	e135	e142
21	e506	e112	5650	e349	e491	1670	e568	e189	e116	e305	e123	e109
22	e414	e120	3890	e396	e585	e3700	e472	e200	e113	e204	e116	e118
23	e320	e124	2670	e422	e530	e4000	e406	e158	e118	e189	e124	e120
24	e260	e111	2040	1590	e518	e3880	e339	e161	e133	e163	e117	e127
25	e253	e111	1620	e5000	e468	e3800	e299	e166	e132	e144	e109	e142
26	e239	e122	1210	e5400	e400	e2820	e302	e188	e124	e195	e120	e127
27	e218	772	e992	e4640	e452	e2280	e339	e199	e140	e311	e142	e119
28	e226	1330	e824	3130	e446	e2320	e290	e177	e129	e324	e127	e116
29	e223	3710	e620	1860	---	e2500	e228	e168	e158	e301	e119	e126
30	e200	4300	e527	1110	---	e2300	e212	e163	e174	e386	e111	e141
31	e187	---	e437	665	---	e3260	---	e170	---	e566	e118	---
TOTAL	13358	13585	125671	34311	25698	40773	62051	5652	4545	7379	4863	3695
MEAN	430.9	452.8	4054	1107	917.8	1315	2068	182.3	151.5	238.0	156.9	123.2
MAX	1370	4300	12300	5400	3580	4000	7490	304	230	566	532	142
MIN	120	111	437	259	156	245	212	138	113	104	109	101
AC-FT	26500	26950	249300	68060	50970	80870	123100	11210	9020	14640	9650	7330

CAL YR 2001 TOTAL 524823 MEAN 1438 MAX 12300 MIN 26 AC-FT 1041000
WTR YR 2002 TOTAL 341581 MEAN 935.8 MAX 12300 MIN 101 AC-FT 677500

e Estimated

07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.62	6.14	13.33	14.16	10.86	8.49	---	12.80	5.85	5.34	5.84	4.97
2	5.50	5.93	11.55	13.56	10.13	8.55	---	11.43	6.51	5.34	5.59	4.98
3	5.31	5.69	10.34	12.65	9.86	8.06	19.89	10.33	6.49	5.24	5.51	5.13
4	5.28	5.71	9.42	11.71	12.13	---	19.74	10.00	5.53	5.31	5.43	5.27
5	5.34	5.89	8.75	11.51	14.25	6.95	19.31	10.34	5.40	5.41	5.35	5.24
6	5.55	5.70	8.18	12.05	16.93	6.91	18.63	10.61	5.91	5.03	5.22	5.07
7	5.56	5.54	7.60	11.65	17.78	6.35	17.69	9.64	6.21	5.07	5.25	5.38
8	5.61	5.82	7.46	10.97	17.62	6.30	19.01	8.70	6.34	5.32	5.31	5.43
9	5.49	5.69	7.48	10.31	16.65	6.72	22.29	8.59	6.44	5.11	5.19	5.09
10	5.59	5.35	7.15	9.93	15.04	7.01	24.13	8.62	6.23	5.10	5.15	5.05
11	5.71	5.52	6.78	9.44	13.76	7.07	24.79	8.00	5.94	5.31	5.35	5.27
12	6.38	5.42	---	8.97	13.09	7.01	24.67	8.00	6.06	5.33	5.09	5.10
13	8.41	5.12	---	8.80	12.18	7.90	24.22	8.78	6.15	5.31	5.12	4.98
14	10.57	5.12	---	8.11	11.56	8.17	23.15	8.58	5.61	5.55	5.27	5.34
15	11.59	5.24	26.79	8.15	10.95	8.29	21.81	8.02	5.67	5.37	5.33	5.14
16	11.56	5.37	26.35	8.00	10.08	8.80	20.61	7.52	5.59	5.70	5.21	4.97
17	11.31	5.14	26.22	7.84	9.30	8.60	19.68	7.71	5.12	5.70	5.34	5.14
18	11.44	4.99	25.54	7.39	9.03	8.31	19.10	7.92	5.20	5.57	5.28	5.37
19	11.47	4.95	25.04	7.14	8.68	8.90	18.91	7.37	5.19	5.72	5.25	5.37
20	11.04	5.04	24.90	7.62	8.83	10.19	18.72	6.87	5.08	5.72	5.19	5.13
21	10.19	5.24	24.57	7.96	9.26	12.86	18.28	6.97	5.32	5.44	5.25	5.24
22	9.34	5.31	23.73	8.01	9.49	---	17.84	6.70	5.42	5.33	5.45	5.19
23	8.70	5.40	23.07	8.02	9.77	---	17.54	7.09	5.49	5.35	5.57	5.16
24	8.50	5.30	22.03	10.53	10.16	---	17.34	7.29	5.36	5.18	5.35	5.14
25	7.87	5.24	20.91	---	10.10	---	17.19	7.14	5.04	5.28	5.32	5.01
26	7.55	5.41	19.81	---	10.26	---	17.06	6.64	5.38	5.32	5.29	4.98
27	7.18	6.65	18.79	---	9.68	---	16.33	6.29	5.19	5.66	5.03	4.97
28	6.71	8.13	17.54	14.03	8.89	---	15.18	5.91	5.27	5.63	5.12	5.30
29	6.32	13.84	16.49	12.51	---	---	14.33	6.01	5.35	5.58	4.97	5.16
30	6.06	14.25	15.63	11.53	---	---	13.59	5.79	5.41	5.69	5.22	5.08
31	6.05	---	14.87	11.20	---	---	---	5.89	---	6.00	5.19	---
MAX	11.59	14.25	---	---	17.78	---	24.79	12.80	6.51	6.00	5.84	5.43
MIN	5.28	4.95	6.78	7.14	8.68	6.30	13.59	5.79	5.04	5.03	4.97	4.97

07352000 SALINE BAYOU NEAR LUCKY, LA

LOCATION.--Lat 30°15'00", long 92°58'35", in SW ¼ sec.27, T.15 N., R.6 W., Bienville Parish, Hydrologic Unit 11140208, near center of span on downstream side of bridge on State Highway 4, 0.7 mi downstream from Sixmile Creek, and 1.0 mi east of Lucky.

DRAINAGE AREA.--154 mi^2.

PERIOD OF RECORD.--June 1940 to current year.

REVISED RECORDS.--WSP 1177: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 152.65 ft above NGVD of 1929. Prior to Feb. 28, 1949, nonrecording gage, Mar. 1, 1949 to Apr. 26, 1971, water-stage recorder, at same site and datum.

REMARKS.--Records good above 10 cfs and poor below. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov 30	0200	1,360	7.43	Mar 22	1300	1,650	7.59
Dec 13	1900	*8,230	*11.23	Apr 2	0700	1,890	7.78
Jan 25	2300	4,170	9.11	Apr 10	0900	2,370	8.11

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	20	1050	98	319	118	1250	43	47	36	9.7	11
2	12	21	1190	89	303	141	1780	38	38	46	8.9	10
3	12	21	902	83	301	149	1290	35	30	112	8.7	11
4	13	22	554	78	263	140	884	36	25	168	9.1	11
5	14	22	248	137	253	121	546	35	21	66	9.9	11
6	32	22	126	377	528	106	324	34	19	26	10	12
7	35	22	90	467	790	100	237	32	18	17	9.9	12
8	26	22	99	462	833	98	536	30	16	14	10	13
9	22	22	182	426	871	128	1440	29	15	12	10	13
10	19	22	276	290	695	148	2160	29	22	10	10	13
11	31	23	269	203	450	142	1480	27	116	9.2	11	13
12	66	22	1870	164	316	252	1010	26	121	8.5	10	13
13	238	23	6970	136	247	373	670	29	45	10	11	14
14	407	23	5590	115	210	405	393	31	24	13	11	15
15	238	23	2700	101	183	344	270	27	18	17	12	15
16	123	23	1440	92	166	243	208	25	16	38	13	16
17	54	24	1240	85	153	192	170	30	16	93	13	17
18	28	24	1120	84	142	209	141	55	16	52	13	18
19	19	23	1030	118	147	215	119	51	15	26	12	21
20	17	24	894	235	336	254	104	38	18	17	11	31
21	17	24	663	342	452	1260	91	30	40	13	11	33
22	17	25	462	296	460	1560	90	26	24	11	11	28
23	16	26	373	264	378	1280	89	23	18	9.2	11	20
24	18	30	297	766	250	930	84	21	18	11	11	15
25	19	31	262	3170	186	618	73	20	46	19	11	14
26	20	33	226	3300	155	421	63	20	62	13	10	14
27	19	155	179	1780	133	354	56	24	42	11	9.9	16
28	20	371	152	1150	118	283	52	29	37	11	10	17
29	19	971	135	809	---	240	49	34	33	11	10	18
30	20	1220	122	535	---	247	47	39	29	11	10	18
31	20	---	110	377	---	860	---	53	---	11	10	---
TOTAL	1623	3334	30821	16629	9638	11931	15706	999	1005	921.9	328.1	483
MEAN	52.35	111.1	994.2	536.4	344.2	384.9	523.5	32.23	33.50	29.74	10.58	16.10
MAX	407	1220	6970	3300	871	1560	2160	55	121	168	13	33
MIN	12	20	90	78	118	98	47	20	15	8.5	8.7	10
AC-FT	3220	6610	61130	32980	19120	23670	31150	1980	1990	1830	651	958
CFSM	0.34	0.72	6.46	3.48	2.24	2.50	3.40	0.21	0.22	0.19	0.07	0.10
IN.	0.39	0.81	7.45	4.02	2.33	2.88	3.79	0.24	0.24	0.22	0.08	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2002, BY WATER YEAR (WY)

MEAN	43.48	117.5	218.8	331.2	336.2	313.7	269.7	243.3	111.3	61.86	31.26	40.18
MAX	310	713	994	1154	925	1163	999	1122	652	1010	177	280
(WY)	1946	1958	2002	1999	1983	2001	1991	1953	1959	1989	1955	1958
MIN	5.73	11.9	25.0	24.4	24.7	42.4	27.3	14.3	12.0	5.60	4.17	4.45
(WY)	1968	1944	1944	2000	2000	1996	1978	1988	1985	1966	2000	1982

07352000 SALINE BAYOU NEAR LUCKY, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1941 - 2002	
ANNUAL TOTAL	107091		93419.0			
ANNUAL MEAN	293.4		255.9		175.8	
HIGHEST ANNUAL MEAN					371	1975
LOWEST ANNUAL MEAN					34.7	1963
HIGHEST DAILY MEAN	6970	Dec 13	6970	Dec 13	11100	Jan 1 1945
LOWEST DAILY MEAN	11	Jul 24	8.5	Jul 12	1.4	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	12	Jul 19	9.5	Aug 1	1.9	Aug 31 2000
MAXIMUM PEAK FLOW			8230	Dec 13	a13500	Jan 1 1945
MAXIMUM PEAK STAGE			11.23	Dec 13	12.90	Jan 1 1945
INSTANTANEOUS LOW FLOW			8.2	Jul 12	4.4	Sep 10 1998
INSTANTANEOUS LOW STAGE			c2.73	Jul 12	b1.66	Aug 7 1964
ANNUAL RUNOFF (AC-FT)	212400		185300		127400	
ANNUAL RUNOFF (CFSM)	1.91		1.66		1.14	
ANNUAL RUNOFF (INCHES)	25.87		22.57		15.51	
10 PERCENT EXCEEDS	629		723		435	
50 PERCENT EXCEEDS	63		38		60	
90 PERCENT EXCEEDS	16		11		11	

a From rating curve extended above 6,400 ft^3/s, on basis of record from Black Bayou near Castor and Dugdemona River near Jonesboro.
b Also occurred Aug 8, 1964.
c Also occurred Aug 3.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.09	3.54	7.12	4.82	5.70	4.70	7.20	3.66	3.74	3.50	2.83	2.95
2	3.08	3.56	7.26	4.73	5.65	4.88	7.69	3.56	3.57	3.70	2.77	2.94
3	3.09	3.57	6.95	4.66	5.64	4.94	7.24	3.50	3.36	4.64	2.76	2.96
4	3.10	3.59	6.44	4.61	5.51	4.88	6.79	3.52	3.20	5.06	2.79	2.98
5	3.13	3.60	5.66	5.02	5.47	4.73	6.26	3.48	3.08	4.15	2.85	2.98
6	3.57	3.59	5.05	6.07	6.21	4.59	5.71	3.46	3.00	3.43	2.85	3.02
7	3.64	3.58	4.74	6.30	6.67	4.52	5.40	3.42	2.92	3.15	2.84	3.03
8	3.45	3.58	4.82	6.29	6.73	4.50	6.13	3.36	2.86	3.01	2.86	3.07
9	3.34	3.59	5.42	6.20	6.78	4.78	7.39	3.32	2.83	2.93	2.87	3.11
10	3.28	3.61	5.87	5.82	6.53	4.93	7.97	3.30	3.07	2.85	2.88	3.10
11	3.54	3.63	5.84	5.50	6.06	4.89	7.43	3.26	4.61	2.79	2.88	3.10
12	4.18	3.60	7.60	5.30	5.69	5.45	6.94	3.23	4.68	2.75	2.89	3.13
13	5.48	3.61	10.78	5.12	5.45	5.86	6.48	3.33	3.70	2.85	2.93	3.17
14	6.15	3.62	10.22	4.97	5.29	5.95	5.91	3.39	3.18	3.00	2.93	3.18
15	5.62	3.62	8.72	4.85	5.15	5.77	5.53	3.27	2.95	3.16	2.97	3.21
16	5.01	3.63	7.78	4.75	5.05	5.43	5.28	3.18	2.86	3.61	3.03	3.23
17	4.27	3.65	7.58	4.68	4.97	5.20	5.08	3.33	2.86	4.50	3.04	3.27
18	3.75	3.66	7.44	4.67	4.89	5.28	4.89	3.90	2.83	3.97	3.03	3.31
19	3.50	3.63	7.34	4.97	4.92	5.31	4.71	3.82	2.79	3.46	2.99	3.43
20	3.40	3.64	7.17	5.61	5.75	5.44	4.56	3.56	2.93	3.16	2.96	3.72
21	3.43	3.65	6.83	5.98	6.07	7.17	4.42	3.36	3.61	2.99	2.93	3.77
22	3.40	3.68	6.42	5.85	6.09	7.51	4.41	3.22	3.17	2.88	2.94	3.63
23	3.40	3.72	6.18	5.74	5.87	7.23	4.39	3.13	2.94	2.79	2.94	3.40
24	3.45	3.80	5.95	6.55	5.46	6.85	4.34	3.07	2.93	2.87	2.93	3.24
25	3.50	3.84	5.82	8.59	5.17	6.40	4.19	3.03	3.70	3.24	2.94	3.18
26	3.51	3.87	5.66	8.64	4.98	5.99	4.04	3.03	4.02	2.97	2.93	3.18
27	3.51	5.17	5.42	7.68	4.83	5.81	3.92	3.17	3.65	2.89	2.90	3.26
28	3.53	6.04	5.26	7.09	4.71	5.58	3.85	3.33	3.54	2.87	2.92	3.32
29	3.50	7.01	5.14	6.69	---	5.42	3.79	3.46	3.43	2.90	2.92	3.34
30	3.51	7.29	5.03	6.25	---	5.42	3.75	3.57	3.32	2.89	2.93	3.35
31	3.52	---	4.93	5.87	---	6.74	---	3.87	---	2.88	2.93	---
MAX	6.15	7.29	10.78	8.64	6.78	7.51	7.97	3.90	4.68	5.06	3.04	3.77
MIN	3.08	3.54	4.74	4.61	4.71	4.50	3.75	3.03	2.79	2.75	2.76	2.94

07352895 BLACK LAKE BAYOU NEAR CLARENCE, LA

LOCATION.--Lat 31°52'24", long 92°58'00", in NW ¼ SE ¼ sec.3, T.10 N., R.6 W., Natchitoches Parish, Hydrologic Unit 11140209, on downstream side of bridge on State Highway 1226, 1.8 mi northeast of Chivery Dam, 2.8 mi upstream from Allen Dam, and 5.0 mi northeast of Clarence.

DRAINAGE AREA.--908 mi^2 (see REMARKS).

PERIOD OF RECORD.--December 1969 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 88.49 ft above NGVD of 1929. Prior to Oct. 1, 1980, at datum 6.00 ft higher.

REMARKS.--Drainage area does not include 412 mi^2 of Saline Lake. Flows are interchangeable between Black and Saline Lakes, combined usable capacity, 161,000 acre-ft. Considerable regulation by Chivery Dam. Lakes are used for recreation. Lowest recordable stage 1.20 ft; prior to July 5, 1994, 3.62 ft. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.76 ft, July 6, 1989, from floodmark; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.05 ft, Dec. 19; minimum gage height not determined.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.04	---	9.13	12.65	10.72	9.72	11.55	9.61	8.95	8.85	8.96	8.64
2	5.03	---	9.56	12.03	10.59	9.85	11.61	9.54	8.95	8.85	8.95	8.62
3	4.98	---	9.84	11.43	10.48	9.83	11.68	9.48	8.94	8.85	8.92	8.61
4	4.94	---	9.99	10.92	10.37	9.74	11.76	9.43	8.93	8.85	8.90	8.59
5	4.94	---	10.05	10.61	10.34	9.69	11.82	9.37	8.93	8.85	8.88	8.59
6	4.99	---	10.06	10.41	10.64	9.65	11.81	9.32	8.93	8.83	8.86	8.58
7	4.95	---	10.03	10.22	10.78	9.62	11.72	9.28	8.91	8.83	8.84	8.56
8	4.92	---	10.05	10.07	10.76	9.58	11.96	9.24	8.89	8.81	8.82	8.57
9	4.90	---	10.04	9.97	10.73	9.68	12.50	9.22	8.87	8.80	8.78	8.60
10	4.92	---	10.02	9.89	10.70	9.68	12.94	9.19	8.85	8.79	8.76	8.58
11	5.05	---	10.01	9.82	10.59	9.65	13.25	9.15	8.85	8.79	8.74	8.57
12	5.15	---	10.30	9.73	10.47	9.67	13.44	9.12	8.85	8.80	8.72	8.56
13	5.47	---	11.44	9.63	10.34	9.64	13.63	9.16	8.85	8.91	8.71	8.54
14	5.76	---	13.52	9.57	10.25	9.62	13.81	9.11	8.85	9.09	8.76	8.52
15	5.93	---	14.83	9.48	10.23	9.66	13.87	9.07	8.82	9.08	8.82	8.51
16	6.11	---	15.53	9.40	10.17	9.70	13.74	9.04	8.81	9.10	8.84	8.49
17	6.20	---	16.42	9.34	10.10	9.71	13.49	9.10	8.82	9.13	8.87	8.54
18	6.32	---	16.91	9.26	10.01	9.71	13.16	9.14	8.80	9.13	8.88	8.58
19	6.41	---	17.02	9.20	9.96	9.71	12.82	9.10	8.78	9.12	8.87	8.61
20	6.41	---	16.91	9.10	10.01	9.75	12.47	9.07	8.77	9.10	8.86	8.70
21	6.37	---	16.72	9.03	9.95	9.79	12.12	9.05	8.76	9.09	8.84	8.72
22	6.32	---	16.57	8.97	9.91	9.87	11.77	9.03	8.74	9.08	8.82	8.82
23	6.26	---	16.66	8.97	9.87	10.05	11.42	9.01	8.72	9.06	8.81	8.82
24	6.24	---	16.55	9.11	9.83	10.41	11.11	9.00	8.71	9.05	8.80	8.80
25	6.19	---	16.29	9.66	9.82	10.91	10.83	8.99	8.71	9.06	8.78	8.79
26	6.13	---	15.93	10.31	9.83	11.24	10.58	8.98	8.73	9.04	8.76	8.80
27	6.06	6.32	15.48	10.75	9.74	11.29	10.30	8.97	8.75	9.02	8.74	8.77
28	5.97	6.75	15.00	10.97	9.71	11.27	10.06	8.95	8.79	9.01	8.72	8.76
29	5.90	7.98	14.47	11.03	---	11.27	9.85	8.95	8.82	9.00	8.70	8.75
30	---	8.58	13.90	10.94	---	11.27	9.70	8.96	8.84	8.99	8.68	8.75
31	---	---	13.29	10.84	---	11.42	---	8.96	---	8.98	8.66	---
MAX	6.41	---	17.02	12.65	10.78	11.42	13.87	9.61	8.95	9.13	8.96	8.82
MIN	---	---	9.13	8.97	9.71	9.58	9.70	8.95	8.71	8.79	8.66	8.49

07353520 NANTACHIE LAKE NEAR ALOHA, LA

LOCATION.--Lat 31°37'00", long 92°47'04", in SE ¼ NW ¼ sec.4, T.7 N., R.4 W., Grant Parish, Hydrologic Unit 11140207, at dam 2.0 mi upstream from mouth, and 2.5 mi northwest of Aloha.

DRAINAGE AREA.--80.4 mi^2.

PERIOD OF RECORD.--February 1969 to September 1979. October 1979 to current year (gage heights only).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 92.28 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

REMARKS.--No gage heights recorded below 2.14 ft. Reservoir is formed on Nantachie Creek by earthfill dam, completed in 1964. Storage began Oct. 19, 1964. The dam contains a 150-ft concrete spillway. The crest of the spillway is 3.05 ft gage height. Drawdown structure consists of one 5- by 5-ft metal sluice gate that can be varied from -16.78 to -11.78 ft gage height. Area of lake is 1,580 acres, usable capacity, 11,200 acre-ft at 3.05 ft gage height. Reservoir is used for recreation. Satellite telemetry at station.

AVERAGE DISCHARGE.--9 years (water years 1970-72, 1974-79), 72.6 ft^3/s, 52,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,200 ft^3/s, Dec. 27, 1982, gage height, 9.39 ft; no flow at times most years. Reverse flow possible May 1973 and May 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.28 ft, Nov. 30; minimum gage height, 2.18 ft, Sept. 16, 17.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	3.02	4.74	3.39	3.31	3.29	3.43	3.08	3.01	2.64	2.68	2.41
2	2.97	3.02	4.24	3.37	3.27	3.61	3.39	3.07	3.01	2.63	2.67	2.40
3	2.96	3.03	3.91	3.34	3.26	3.67	3.35	3.07	2.99	2.62	2.65	2.38
4	2.95	3.03	3.69	3.31	3.25	3.61	3.29	3.08	2.98	2.60	2.63	2.37
5	2.95	3.02	3.56	3.34	3.31	3.52	3.24	3.07	2.97	2.60	2.60	2.36
6	2.98	3.01	3.48	3.45	3.84	3.43	3.21	3.06	2.96	2.58	2.58	2.34
7	2.96	3.01	3.42	3.51	4.05	3.38	3.18	3.05	2.94	2.56	2.56	2.32
8	2.95	3.00	3.40	3.52	4.06	3.34	3.49	3.03	2.92	2.54	2.54	2.30
9	2.93	3.00	3.40	3.48	3.91	3.33	3.95	3.02	2.90	2.52	2.51	2.30
10	2.93	3.00	3.38	3.43	3.72	3.29	3.98	3.02	2.88	2.50	2.49	2.28
11	2.96	3.00	3.35	3.39	3.55	3.26	3.92	3.00	2.87	2.50	2.47	2.28
12	3.01	3.00	3.38	3.36	3.46	3.29	3.74	2.98	2.86	2.59	2.45	2.26
13	3.24	3.00	3.97	3.32	3.41	3.29	3.56	3.00	2.85	2.64	2.45	2.24
14	3.50	2.99	5.03	3.31	3.36	3.29	3.45	2.98	2.83	2.64	2.45	2.22
15	3.51	2.99	4.77	3.28	3.33	3.29	3.38	2.96	2.80	2.63	2.47	2.20
16	3.47	2.98	4.34	3.27	3.31	3.30	3.32	---	2.78	2.66	2.50	2.19
17	3.35	2.98	4.21	3.26	3.29	3.29	3.29	2.95	2.79	2.71	2.53	2.19
18	3.28	2.98	4.08	3.27	3.27	3.28	3.26	3.00	2.77	2.70	2.61	2.23
19	3.22	2.98	3.97	3.30	3.28	3.26	3.23	2.98	2.75	2.69	2.61	2.23
20	3.19	2.98	3.86	3.31	3.54	3.26	3.21	2.97	2.73	2.67	2.59	2.30
21	3.16	2.96	3.72	3.31	3.62	3.27	3.19	2.95	2.72	2.65	2.58	2.32
22	3.14	2.96	3.61	3.31	3.58	3.25	3.19	2.94	2.70	2.63	2.56	2.32
23	3.12	2.96	4.10	3.30	3.49	3.22	3.17	2.92	2.68	2.61	2.55	2.30
24	3.11	2.99	4.40	3.32	3.41	3.20	3.15	2.91	2.67	2.62	2.54	2.27
25	3.10	2.99	4.21	3.39	3.36	3.20	3.15	2.91	2.65	2.74	2.53	2.26
26	3.08	2.99	3.98	3.45	3.33	3.23	3.13	2.90	2.66	2.74	2.52	2.26
27	3.06	3.37	3.77	3.47	3.27	3.21	3.11	2.93	---	2.72	2.50	2.24
28	3.04	4.02	3.63	3.43	3.24	3.19	3.11	2.93	---	2.71	2.49	2.23
29	3.03	4.77	3.54	3.38	---	3.19	3.11	2.93	2.66	2.72	2.47	2.22
30	3.03	5.21	3.47	3.35	---	3.19	3.10	2.97	2.66	2.70	2.45	2.21
31	3.02	---	3.42	3.33	---	3.38	---	3.02	---	2.70	2.43	---
MAX	3.51	5.21	5.03	3.52	4.06	3.67	3.98	3.08	3.01	2.74	2.68	2.41
MIN	2.93	2.96	3.35	3.26	3.24	3.19	3.10	2.90	---	2.50	2.43	2.19

07354100 KISATCHIE BAYOU AT LOTUS, LA

LOCATION.--Lat 30°29'04", long 93°08'19", NW ¼ SE ¼ sec.24, T.6 N., R.8 W., Natchitoches Parish, Hydrologic Unit 11140207, at right bank on downstream side of bridge on unnumbered parish road, 0.5 mi west of Lotus, 1.2 mi downstream from Sheard Branch, and 4.8 mi southeast of Bellwood.

DRAINAGE AREA.--140 mi^2.

PERIOD OF RECORD.--Occasional low-flow measurements water years 1956-63 (published as "near Bellwood"). Daily gage-heights and discharges December 1979 to September 1992. Daily gage-heights and annual maximum discharge only October 1992 to current year. Gage-height records and discharge measurements December 1938 to July 1942 and January 1956 to September 1979 are in reports of Corps of Engineers, New Orleans District.

REVISED RECORDS.--WDR LA-82-1: 1982(P).

GAGE.--Water-stage recorder. Datum of gage is 123.57 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to January 1956 at datum 1.24 ft higher.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 30, 1939, reached a stage of 19.3 ft, present datum.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.34 ft, Dec. 14; minimum gage height, not determined.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	9.75	6.68	6.60	---	10.43	---	---	---	---	---
2	---	---	8.49	6.61	6.58	13.09	7.94	---	---	---	---	---
3	---	---	7.90	6.53	---	9.00	7.15	---	---	---	---	---
4	---	---	7.51	6.48	---	7.67	6.69	---	---	---	---	---
5	---	---	7.21	6.77	---	7.20	---	---	---	---	---	---
6	---	---	7.05	9.21	14.79	6.95	---	---	---	---	---	---
7	---	---	6.94	7.80	10.60	6.81	---	---	---	---	---	---
8	---	---	6.96	7.07	8.41	6.66	---	---	---	---	---	---
9	---	---	7.51	6.82	7.71	6.60	14.36	---	---	---	---	---
10	---	---	7.13	6.70	7.31	---	9.51	---	---	---	---	---
11	---	---	6.77	6.59	6.95	---	8.17	---	---	---	---	---
12	---	---	8.77	6.48	6.75	---	7.54	---	---	---	---	---
13	---	---	14.68	6.39	6.62	7.09	7.18	---	---	---	---	---
14	13.40	---	16.85	---	6.48	6.61	6.92	---	---	---	---	---
15	8.45	---	11.45	---	---	---	6.69	---	---	---	---	---
16	7.08	---	9.51	---	---	---	---	---	---	---	---	---
17	6.48	---	13.59	---	---	7.40	---	---	---	---	---	---
18	6.16	---	11.02	---	---	6.81	---	---	---	---	---	---
19	5.96	---	9.03	7.66	---	---	---	---	---	---	---	---
20	5.82	---	8.24	8.44	13.60	---	---	---	---	---	---	---
21	5.73	---	7.82	7.15	9.10	---	---	---	---	---	---	---
22	---	---	7.64	6.69	7.74	---	---	---	---	---	---	---
23	---	---	11.27	6.58	7.21	---	---	---	---	---	---	---
24	---	---	9.43	6.74	6.87	---	---	---	---	---	---	---
25	---	---	8.07	9.80	6.66	---	---	---	---	---	---	---
26	---	---	7.60	7.86	---	---	---	---	---	---	---	---
27	---	---	7.33	7.00	---	8.05	---	---	---	---	---	---
28	---	15.70	7.20	6.69	---	6.86	---	---	---	---	---	---
29	---	17.10	7.08	6.55	---	---	---	---	---	---	---	---
30	---	14.49	6.90	6.45	---	---	---	---	---	---	---	---
31	---	---	6.76	6.38	---	---	---	---	---	---	---	---
MAX	13.40	17.10	16.85	9.80	14.79	13.09	14.36	---	---	---	---	---
MIN	---	---	6.76	---	---	---	---	---	---	---	---	---

07355500 RED RIVER AT ALEXANDRIA, LA

LOCATION.--Lat 31°18'46", long 92°26'34", in SE 1/4 sec. 10, T. 4 N., R. 1 W., Rapides Parish, Hydrologic Unit 08040301, near center of span on downstream side of Murray Street bridge between Alexandria and Pineville, and 1.7 mi downstream from Bayou Rigolette. Water-quality sampling site at center of channel 0.3 mi downstream.

DRAINAGE AREA.--67,500 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1947, 1952-62, 1969, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1952 to September 1963, June 1973 to September 1981.
WATER TEMPERATURES: October 1952 to September 1963, June 1973 to September 1984.
CHLORIDE: October 1974 to September 1984.
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

REMARKS.--All dissolved constituents are results from water that has been filtered through 0.45 micron filters. Sample is a dip sample, non-depth integrated, from centrum of flow.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 2,020 micromhos Oct.8, 1956; minimum daily, 133 micromhos June 24, 1953.
WATER TEMPERATURES: Maximum daily, 34.0 oC Aug. 2, 8, 10, 1956; minimum daily, 0.0 oC Dec. 24, 25, 1983.
CHLORIDE: Maximum daily, 420 mg/L Oct. 12, 1978; minimum daily, 8.6 mg/L Apr. 7, 1977.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,495,000 tons Dec. 9, 1973; minimum daily, 1,000 tons Oct. 10-22, 1972, Oct. 1 to Nov. 7, 1978, Sept. 27-30, Oct. 1-4, 1980, Jan. 30-31, Apr. 24-25, Oct. 1-6, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI-FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
OCT													
24...	1045	199	7.4	21.5	120	79	5.7	20	.1	106	--	17	66
NOV													
27...	1130	308	7.6	18.3	20	6.5	6.5	20	1.1	533	236	392	98
JAN													
08...	1330	189	7.1	7.5	70	52	15.8	30	8.7	4300k	110	110	55
31...	1245	320	7.2	16.5	100	39	10.9	20	2.0	800	79	48	--
FEB													
27...	1355	235	7.5	10.4	80	36	9.8	20	1.8	620	24k	400	71
MAR													
27...	1545	196	7.9	14.6	30	530	7.8	20	1.3	310	--	170k	71
APR													
29...	1400	499	7.7	23.4	60	100	8.8	20	2.4	220	88	20	120
MAY													
30...	1530	436	7.7	24.7	20	6.4	6.9	20	1.9	670	140	80k	130
JUL													
02...	1030	327	8.0	27.4	10	3.3	4.1	20	.2	--	5k	--	110
AUG													
01...	1900	667	8.2	30.6	20	3.2	7.2	20	--	7k	7k	<7	190
21...	1340	843	8.4	31.5	10	3.2	16.8	20	--	--	4k	--	210
SEP													
25...	0915	736	--	25.6	10	3.6	6.1	E10	--	175	42	4k	190

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
24...	19.0	4.60	14.0	3.00	57	17.0	17.0	.1	121	105	83	<.01	.220
NOV													
27...	28.0	6.90	26.0	3.70	73	35.0	30.0	.1	196	173	6	<.01	.220
JAN													
08...	16.0	3.70	15.0	2.40	39	22.0	19.0	<.1	119	94	53	<.01	.180
31...	--	--	23.0	2.40	42	40.0	37.0	<.1	187	--	36	<.01	.160
FEB													
27...	21.0	4.60	18.0	2.30	51	27.0	22.0	<.1	149	125	39	<.01	.180
MAR													
27...	22.0	3.80	10.0	2.30	62	15.0	11.0	.1	120	102	332	<.01	.190
APR													
29...	35.0	8.70	44.0	2.70	70	64.0	65.0	.1	274	261	86	.01	.190
MAY													
30...	36.0	8.90	35.0	3.00	90	46.0	45.0	.1	247	228	5	<.01	<.020
JUL													
02...	30.0	7.50	24.0	2.60	91	29.0	28.0	.1	195	176	7	.01	.030
AUG													
01...	50.0	15.0	63.0	3.80	130	74.0	77.0	.2	387	361	10	<.01	<.020
21...	57.0	17.0	88.0	4.10	139	100	110	.2	481	459	5	<.01	<.020
SEP													
25...	50.0	15.0	73.0	4.10	119	89.0	98.0	.2	423	401	8	.01	.040

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT					
24...	.06	E.70	E.08	.100	10.8
NOV					
27...	.15	E.70cl	E.07cl	.060	9.0
JAN					
08...	.04	.60	.08	.090	7.4
31...	.04	.90	.08	.050	7.9
FEB					
27...	.05	.60	.08	.070	8.2
MAR					
27...	.12	1.1	.28	.200	--
APR					
29...	.04	.50	.08	.050	8.7
MAY					
30...	.07	.70	.02	.020	7.3
JUL					
02...	.02	.50	.04	.020	6.2
AUG					
01...	.01	.70	.03	.010	6.5
21...	<.01	.60	.03	.020	7.1
SEP					
25...	.06	.50	.05	.030	6.4

Date	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
OCT													
24...	2	<1	<1.0	3.1	3.0	2810	2	145	<.1	4.0	<1	10	<.01
JAN													
31...	1	<1	<1.0	1.4	2.7	1390	<1	56	<.1	2.2	<1	10	<.01
APR													
29...	1	<1	<1.0	2.2	<1.0	2490	2	118	<.1	3.8	2	8	<.01
AUG													
01...	2	<1	<1.0	<1.0	1.3	101	<1	54	<.1	1.8	<1	<2	<.01

Date	PHENOLS TOTAL (UG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L) (00556)	CHLORPYRIFOS TOTAL RECOVER (UG/L) (38932)	DISULFOTON UNFILT RECOVER (UG/L) (39011)	PHORATE TOTAL (UG/L) (39023)	DEF TOTAL (UG/L) (39040)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLORDANE, TECHNICAL TOTAL (UG/L) (39350)	P,P'-DDD UNFILT RECOVER (UG/L) (39360)	P,P'-DDE, TOTAL (UG/L) (39365)	P,P'-DDT UNFILT RECOVER (UG/L) (39370)	DIELDRIN TOTAL (UG/L) (39380)
OCT													
24...	<16	<1	<.01	<.10	<.02	<.02	<.01	<.006	<.1	<.007	<.006	<.009	<.006
JAN													
31...	<16	E4	--	--	--	--	--	--	--	--	--	--	--
APR													
29...	<17	<7	<.01	<.10	<.02	<.02	<.01	<.006	<.1	<.007	<.006	<.009	<.006
AUG													
01...	<16	<7	--	--	--	--	--	--	--	--	--	--	--

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ENDO-SULFAN I TOTAL (UG/L) (39388)	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ETHION, TOTAL (UG/L) (39398)	TOX-APHENE, TOTAL (UG/L) (39400)	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	METH-OXY-CHLOR, TOTAL (UG/L) (39480)	PCB, TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)
OCT													
24...	<.02	<.01	<.01	<1	<.01	<.009	<.020	<.1	<.10	<.01	<.02	<.01	.08
JAN													
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
29...	<.02	<.01	<.01	<1	<.01	<.009	<.020	<.1	<.10	<.01	<.02	<.02	.03
AUG													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	2,4,5-T TOTAL (UG/L) (39740)	MIREX, TOTAL (UG/L) (39755)	SILVEX, TOTAL (UG/L) (39760)	CARBO-PHENO-THION WATER UNFLTRD (UG/L) (39786)	2,4-DP TOTAL (UG/L) (82183)	FONOFOS (DY-FONATE) WATER WHOLE TOT.REC (UG/L) (82614)
OCT						
24...	<.01	<.006	<.01	<.02	<.02	<.01
JAN						
31...	--	--	--	--	--	--
APR						
29...	<.01	<.006	<.02	<.02	<.02	<.01
AUG						
01...	--	--	--	--	--	--

Remark codes used in this report:
< -- Less than
E -- Estimated value
M Presence of material verified but not quantified.

Value qualifier codes used in this report:
c -- See laboratory comment
k -- Counts outside acceptable range
l -- Sample lab preparation problem

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 33°01'55", long 92°05'16", in SE ¼ NE ¼ sec.25, T.19 S., R.10 W., Union County, Hydrologic Unit 08040202, on right bank 500 ft below lock and dam No. 6, 1.6 mi north of Arkansas-Louisiana State line, 3.5 mi downstream from Missouri Pacific Railroad Co. bridge, and 4.5 mi southeast of Felsenthal, Ark.

DRAINAGE AREA.--10,787 mi^2.

PERIOD OF RECORD.--April 1958 to current year (daily gage heights and daily discharges below 19.0 ft stage only). Gage-height record for some periods collected at same site since 1912 are contained in reports of Corps of Engineers, Vicksburg District.

REVISED RECORDS.--WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 44.09 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder with telemetry for Ouachita River at Sterlington (station 07364535) used as auxiliary gage for this station. Prior to Oct. 1, 1980, water-stage recorder for Ouachita River at Alabama Landing near Haile (station 07364103) was used as auxiliary gage for this station.

REMARKS.--Records fair except for estimated discharge, which is poor. Discharge computed for stages below bankfull, about 19 ft. Considerable regulation by 5 reservoirs in Arkansas, combined capacity, 3,107,880 acre-ft and a series of navigation locks and dams. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.04 ft, May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 ft^3/s, Sept. 13, 1971.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since 1912, 44.2 ft, Apr. 11, 12, 1945; minimum, -0.3 ft, Nov. 11, 1916; minimum since 1928, 5.8 ft, Aug. 25, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.50 ft., Dec. 30; minimum discharge, 1,060 ft^3/s, Sept. 26, gage height, 7.80 ft.; minimum gage height, 7.80 ft., Sept. 26, 30.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1430	1800								2430	e3600	e1580
2	e1480	2010								2510	e3500	e1610
3	e1510	2010								1740	4100	e1590
4	e1510	1580								3330	3910	e1420
5	e1470	1760								3510	3370	e1380
6	e1330	e2200								3330	2690	e1490
7	e1400	e1800								4220	2300	e1690
8	e1420	e2000								2920	e2240	e1940
9	e1570	1610							e16000	2530	e2660	e1670
10	e1650	1520							e13000	1830	e2870	e1520
11	e3150	1740							e10000	2620	e2860	e1380
12	5580	e1950							e8300	3270	e2280	e1350
13	11300	e1450							e6500	4340	e1680	e1380
14	15600	1520							e5300	4550	e1530	e1450
15		2090							e4300	4240	e2290	e1610
16		e1450							e3600	4060	e2930	e1830
17		e1350							e3000	3550	e4300	e1770
18		e1300							e2500	3830	e3330	e1730
19		e1400							e2100	4040	e3110	e1340
20		e1310							4080	5030	e2000	e1430
21		e1370							4100	5380	e1530	e1400
22		e1380							4070	4250	e2240	e1420
23		e1430							3630	e3300	e2190	e1810
24	15600	e1440							3160	e3400	e2090	e1400
25	13200	e1380							2350	3990	e2480	e1220
26	10700	e1400							2760	4230	e2200	e1140
27	8520	e1550							3340	3620	e1830	e1240
28	6250	e2330							3550	4300	e1870	e1190
29	4110	13500							3970	4520	e1410	e1180
30	2820								2440	3710	e1620	e1160
31	2370	---							---	e3400	e1780	---
TOTAL	---	---							---	111980	78790	44320
MEAN	---	---							---	3612	2542	1477
MAX	---	---							---	5380	4300	1940
MIN	---	---							---	1740	1410	1140

e Estimated

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.18	8.60	21.79	35.31	28.10	22.52	31.98	28.56	20.27	8.95	9.63	8.29
2	8.25	8.77	22.21	35.13	27.88	22.29	32.38	28.08	20.49	9.06	9.65	8.30
3	8.29	8.77	22.45	---	27.64	---	32.70	27.64	20.69	8.47	10.12	8.29
4	8.29	8.36	22.61	---	27.42	---	32.93	27.28	20.85	9.56	10.03	8.17
5	8.24	8.48	22.75	34.26	27.21	21.46	33.10	26.89	20.95	9.78	9.61	8.14
6	8.13	---	22.89	34.03	27.11	21.23	33.24	26.58	20.92	9.63	9.10	8.22
7	8.16	---	23.02	33.73	26.97	20.99	33.35	26.32	20.72	10.21	8.80	8.42
8	8.16	---	23.13	33.41	26.82	20.67	33.64	26.10	20.30	9.35	8.75	8.64
9	8.28	8.42	23.01	33.09	26.66	20.26	33.93	25.86	19.39	9.01	9.06	8.35
10	8.40	8.28	22.89	32.78	26.52	19.67	34.13	25.60	18.38	8.51	9.24	8.22
11	9.43	8.45	22.83	32.45	26.37	19.41	34.26	25.28	17.12	9.08	9.25	8.11
12	11.07	8.59	23.00	32.11	26.20	19.73	34.34	24.95	16.00	9.57	8.82	8.07
13	14.52	8.31	23.90	31.76	26.01	20.24	34.36	24.71	15.20	10.27	8.31	8.10
14	16.98	8.24	25.02	31.41	25.76	20.61	34.34	24.54	14.41	10.42	8.16	8.16
15	18.43	8.67	26.12	31.05	25.46	21.02	34.27	24.46	13.58	10.23	8.83	8.30
16	19.48	8.21	27.12	30.68	25.13	21.41	34.16	24.47	12.42	10.11	9.36	8.51
17	20.03	8.02	28.16	30.31	24.76	21.73	34.01	24.54	11.68	9.76	10.30	8.44
18	20.30	8.04	29.04	29.93	24.37	22.04	33.80	24.60	10.41	9.89	9.59	8.37
19	20.50	8.07	29.87	29.56	23.99	22.31	33.54	24.57	9.69	10.05	9.41	8.05
20	20.62	8.03	30.61	29.18	23.74	22.70	33.24	24.47	10.12	10.72	8.59	8.15
21	20.53	8.08	31.24	28.84	23.44	23.28	32.93	24.30	10.17	10.99	8.19	8.13
22	19.99	8.08	31.83	28.54	23.21	24.09	32.60	24.06	10.12	10.23	8.80	8.15
23	18.78	8.12	32.44	28.23	23.05	24.94	32.23	23.73	9.84	9.39	8.80	8.48
24	17.30	8.15	33.04	28.24	22.96	25.86	31.83	23.30	9.53	9.31	8.68	8.13
25	16.05	8.08	33.68	28.51	22.91	26.85	31.40	22.81	8.95	10.08	9.01	7.94
26	14.68	8.10	34.29	28.50	---	27.88	30.95	22.29	9.18	10.21	8.79	7.87
27	13.37	8.35	34.81	28.52	---	28.84	30.48	21.75	9.69	9.79	8.43	7.94
28	11.92	8.79	35.19	28.54	22.69	29.59	30.00	21.08	9.84	10.23	8.49	7.88
29	10.46	15.82	35.41	28.50	---	30.20	29.53	20.31	10.12	10.42	8.12	7.86
30	9.44	19.58	35.49	28.41	---	30.74	29.05	19.83	9.01	9.87	8.24	7.84
31	9.03	---	35.44	28.27	---	31.49	---	19.94	---	9.33	8.42	---
MAX	20.62	19.58	35.49	35.31	28.10	31.49	34.36	28.56	20.95	10.99	10.30	8.64
MIN	8.13	8.02	21.79	28.23	22.69	19.41	29.05	19.83	8.95	8.47	8.12	7.84

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA

LOCATION.--Lat 32°59'25", long 91°39'20", in SE ¼ SW ¼ sec.9, T.23 N., R.8 E., Morehouse Parish, Hydrologic Unit 08040205, on downstream side of right pier of bridge on State Highway 834, 1.0 mi downstream from Arkansas-Louisiana State line, and 1.6 mi northwest of Jones.

DRAINAGE AREA.--1,187 mi^2.

PERIOD OF RECORD.--October 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 79.21 ft above NGVD of 1929 (levels by Corps of Engineers). Water-stage recorder for Bayou Bartholomew northwest of Jones (station 07364203) used as auxiliary gage for this station since Oct. 1, 1959. See WSP 2120 for history of changes prior to Dec. 7, 1966.

REMARKS.--Records fair except for estimated discharge which is poor. Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf river basins by way of interconnecting system of bayous and drainage ditches and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (07368000). Other flow bypasses station and re-enters the basin 5 miles downstream by way of Overflow Creek. Satellite telemetry and raingage at station.

AVERAGE DISCHARGE.--45 years, (water years 1958 to current) 1,350 ft^3/s, 978,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,530 ft^3/s, Apr. 28, 1991; maximum gage height, 29.16 ft. May 5, 1991; minimum discharge, 1.6 ft^3/s, Aug. 22, 1986, gage height, -0.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,590 ft^3/s, Jan. 6, gage height, 27.93 ft; maximum gage height, 27.97 ft, Jan. 7; minimum discharge, 38 ft^3/s, Sept. 25, 30, gage height, 0.64 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	e1860	e1900	e6470	5690	2080	4730	2630	2230	163	275	266
2	40	e1750	e2350	e6450	5660	1980	4840	2410	2090	164	251	274
3	36	e1710	e2840	6470	5610	1880	4950	2200	1950	167	219	278
4	33	e1660	e3240	6460	5510	1770	5060	2020	1810	163	192	272
5	30	e1610	e3490	6470	5380	1660	5160	1820	1670	157	177	256
6	29	e1540	e3710	6540	5280	1560	5230	1610	1530	150	166	230
7	27	e1470	e3860	6530	5110	1460	5280	1430	1400	144	154	202
8	25	e1390	e4030	6440	4920	1360	5450	1280	1260	134	139	176
9	24	e1310	e4140	6440	4730	1280	5530	1190	1130	123	117	150
10	22	e1220	e4220	6440	4560	1190	5540	1190	996	122	98	130
11	24	e1140	e4290	6410	4390	1100	5550	1240	870	123	82	116
12	26	e1040	e4580	6390	4210	1060	5560	1330	757	135	77	104
13	43	e943	e5010	6350	4020	1000	5570	1440	658	160	70	95
14	95	e828	e5290	6290	3820	971	5550	1570	568	165	68	87
15	e310	e713	e5540	6200	3610	996	5530	1710	499	155	70	80
16	e568	e598	e5740	6090	3410	1250	5480	e1850	444	159	104	73
17	e797	e480	e5900	5960	3210	1480	5410	2100	400	194	143	67
18	e994	e410	e5970	5820	3020	1650	5330	2250	351	226	157	60
19	e1160	e313	e6010	5670	2850	1800	5220	2410	294	242	153	54
20	e1310	226	e6040	5460	2730	1970	5100	2560	252	248	148	56
21	e1430	164	e6120	5250	2620	2230	4970	2690	222	255	147	51
22	e1540	122	e6200	5060	2540	2460	4800	2800	202	239	149	46
23	e1640	93	e6260	4890	2480	2710	4600	2840	189	206	147	42
24	e1710	76	e6320	4960	2420	3010	4370	2870	179	185	151	40
25	e1790	62	e6370	5170	2370	3300	4130	2860	177	180	162	39
26	e1830	59	e6420	5140	2330	3590	3880	2840	178	179	182	41
27	e1860	109	e6440	5280	2250	3800	3620	2760	180	199	198	41
28	e1890	e263	e6450	5430	2160	3980	3360	2690	176	251	208	41
29	e1910	e1130	e6470	e5520	---	4140	3120	2580	172	293	218	41
30	e1920	e1600	e6480	e5650	---	4280	2870	2480	169	307	233	39
31	e1870	---	e6470	5690	---	4550	---	2360	---	297	251	---
TOTAL	25028	25889	158150	183390	106890	67547	145790	66010	23003	5885	4906	3447
MEAN	807.4	863.0	5102	5916	3818	2179	4860	2129	766.8	189.8	158.3	114.9
MAX	1920	1860	6480	6540	5690	4550	5570	2870	2230	307	275	278
MIN	22	59	1900	4890	2160	971	2870	1190	169	122	68	39
AC-FT	49640	51350	313700	363800	212000	134000	289200	130900	45630	11670	9730	6840

CAL YR 2001 TOTAL 733679 MEAN 2010 MAX 6570 MIN 22 AC-FT 1455000
WTR YR 2002 TOTAL 815935 MEAN 2235 MAX 6540 MIN 22 AC-FT 1618000

e Estimated

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.78	14.00	13.16	27.81	26.55	15.95	23.24	18.30	15.63	2.79	4.06	3.98
2	0.68	13.88	15.03	27.79	26.43	15.51	23.56	17.49	15.12	2.79	3.82	4.06
3	0.58	13.73	16.87	27.77	26.28	15.03	23.88	16.66	14.56	2.83	3.47	4.10
4	0.50	13.52	18.37	27.74	26.08	14.52	24.10	16.02	13.95	2.78	3.15	4.04
5	0.44	13.25	19.49	27.77	25.84	14.03	24.24	15.14	13.32	2.70	2.96	3.87
6	0.42	12.91	20.28	27.93	25.68	13.55	24.32	14.21	12.69	2.60	2.83	3.59
7	0.36	12.53	20.84	27.96	25.38	13.05	24.35	13.26	12.00	2.52	2.66	3.27
8	0.32	12.10	21.29	27.90	25.03	12.54	24.63	12.41	11.27	2.37	2.44	2.94
9	0.28	11.62	21.67	27.87	24.65	12.08	24.87	11.81	10.51	2.19	2.11	2.61
10	0.24	11.10	21.93	27.84	24.25	11.57	24.93	11.58	9.77	2.17	1.80	2.31
11	0.28	10.55	22.13	27.79	23.81	11.05	24.98	11.64	9.05	2.19	1.52	2.08
12	0.34	9.92	22.85	27.73	23.31	10.85	25.03	11.93	8.35	2.39	1.44	1.90
13	0.73	9.24	24.07	27.65	22.76	10.56	25.06	12.37	7.66	2.73	1.30	1.74
14	1.72	8.48	24.85	27.55	22.17	10.27	25.05	12.86	6.97	2.80	1.26	1.61
15	4.05	7.64	25.41	27.42	21.57	10.29	25.01	13.37	6.36	2.68	1.30	1.48
16	6.28	6.77	25.90	27.26	20.96	12.09	24.92	---	5.84	2.73	1.88	1.35
17	7.85	5.85	26.33	27.08	20.33	13.17	24.79	14.50	5.31	3.17	2.51	1.23
18	9.12	4.94	26.56	26.85	19.69	13.92	24.64	15.10	4.77	3.54	2.70	1.10
19	10.17	4.09	26.74	26.62	19.08	14.55	24.45	15.68	4.25	3.72	2.65	0.98
20	11.05	3.33	26.89	26.31	18.69	15.28	24.22	16.21	3.83	3.79	2.58	1.03
21	11.78	2.69	27.04	25.96	18.26	16.32	23.96	16.66	3.50	3.86	2.57	0.92
22	12.36	2.15	27.21	25.61	17.95	17.12	23.66	17.00	3.27	3.69	2.59	0.82
23	12.82	1.72	27.46	25.27	17.71	17.99	23.29	17.21	3.11	3.32	2.56	0.73
24	13.19	1.40	27.56	25.47	17.52	18.89	22.86	17.34	2.98	3.06	2.62	0.68
25	13.50	1.14	27.65	26.07	17.33	19.69	22.36	17.37	2.96	3.00	2.76	0.65
26	13.69	1.08	27.72	26.28	17.09	20.39	21.82	17.35	2.98	2.98	3.03	0.71
27	13.84	1.92	27.76	26.52	16.76	20.86	21.22	17.33	3.00	3.24	3.22	0.71
28	13.97	3.66	27.79	26.63	16.37	21.25	20.56	17.13	2.95	3.81	3.34	0.71
29	14.05	9.14	27.82	26.68	---	21.57	19.84	16.82	2.90	4.23	3.45	0.69
30	14.09	11.74	27.83	26.67	---	21.88	19.09	16.50	2.86	4.37	3.62	0.66
31	14.08	---	27.82	26.62	---	22.82	---	16.10	---	4.27	3.82	---
MAX	14.09	14.00	27.83	27.96	26.55	22.82	25.06	18.30	15.63	4.37	4.06	4.10
MIN	0.24	1.08	13.16	25.27	16.37	10.27	19.09	11.58	2.86	2.17	1.26	0.65

07364840 LAKE CLAIBORNE NEAR AYCOCK, LA

LOCATION.--Lat 32°44'20", long 92°54'15", in sec.8, T.20 N., R.5 W., Claiborne Parish, Hydrologic Unit 08040206, attached to pier of catwalk to drop inlet structure, 50 ft upstream from dam on Bayou D'Arbonne, and 2.0 mi northeast of Aycock.

DRAINAGE AREA.--133 mi^2.

PERIOD OF RECORD.--1962 (one discharge measurement). February 1968 to current year (gage heights and miscellaneous discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 176.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

REMARKS.--Reservoir is formed by an earthfill dam, containing an uncontrolled concrete drop inlet spillway near the left end of dam. Outflow below spillway elevation is controlled by two 8- by 8-ft sluice gates in upstream face of drop inlet. Invert of sluice gates at -24.75 ft, gage datum, capacity, 100,000 acre-ft to 9.0 ft, gage datum. Dam completed and storage began in 1966. Reservoir is used for flood control and conservation. Satellite telemetry, telephony, and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.23 ft, Apr. 28, 1991; minimum not determined

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.98 ft, Dec. 13; minimum gage height, 8.39 ft, Sept. 30.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.04	9.28	10.37	9.69	9.91	9.61	10.52	9.50	9.31	9.08	8.98	8.65
2	9.03	9.29	10.23	9.67	9.85	9.65	10.44	9.48	9.31	9.11	8.97	8.64
3	9.02	9.29	10.11	9.64	9.82	9.63	10.32	9.47	9.29	9.14	8.94	8.62
4	9.00	9.28	10.01	9.61	9.79	9.59	10.20	9.56	9.28	9.17	8.92	8.60
5	9.04	9.28	9.93	9.65	9.78	9.57	10.11	9.54	9.27	9.17	8.90	8.59
6	9.11	9.27	9.87	9.74	9.90	9.56	10.02	9.53	9.25	9.18	8.87	8.58
7	9.09	9.27	9.82	9.73	9.93	9.56	9.94	9.51	9.22	9.17	8.85	8.55
8	9.08	9.26	9.83	9.71	9.91	9.55	10.30	9.50	9.20	9.16	8.83	8.55
9	9.06	9.26	9.79	9.71	9.88	9.60	10.64	9.48	9.18	9.15	8.80	8.54
10	9.06	9.26	9.76	9.69	9.87	9.57	10.59	9.46	9.17	9.13	8.77	8.53
11	9.12	9.25	9.72	9.68	9.81	9.59	10.45	9.45	9.17	9.12	8.75	8.51
12	9.17	9.24	10.92	9.67	9.78	9.90	10.31	9.43	9.16	9.09	8.73	8.50
13	9.39	9.24	11.87	9.65	9.75	10.02	10.21	9.46	9.16	9.07	8.73	8.48
14	9.52	9.23	11.83	9.64	9.72	10.01	10.11	9.42	9.14	9.07	8.75	8.46
15	9.52	9.23	11.43	9.62	9.71	9.99	10.03	9.39	9.11	9.10	8.74	8.46
16	9.50	9.22	11.06	9.61	9.69	9.95	9.96	9.37	9.08	9.11	8.76	8.48
17	9.47	9.22	11.22	9.61	9.67	9.91	9.91	9.39	9.06	9.12	8.80	8.47
18	9.44	9.21	11.16	9.60	9.64	9.89	9.86	9.38	9.04	9.11	8.80	8.47
19	9.43	9.21	10.90	9.64	9.67	9.88	9.82	9.35	9.02	9.10	8.79	8.46
20	9.42	9.20	10.63	9.64	9.83	10.03	9.77	9.33	9.02	9.09	8.78	8.54
21	9.41	9.19	10.43	9.64	9.83	10.25	9.74	9.31	9.01	9.07	8.77	8.55
22	9.40	9.17	10.29	9.63	9.82	10.26	9.69	9.29	9.00	9.06	8.76	8.53
23	9.40	9.17	10.19	9.64	9.78	10.19	9.65	9.28	8.99	9.04	8.75	8.50
24	9.39	9.21	10.09	9.80	9.75	10.11	9.63	9.27	9.02	9.03	8.74	8.47
25	9.39	9.19	10.00	10.08	9.74	10.06	9.59	9.27	9.01	9.04	8.76	8.45
26	9.37	9.20	9.94	10.12	9.73	10.09	9.55	9.27	9.03	9.04	8.76	8.45
27	9.35	9.45	9.87	10.09	9.66	10.06	9.53	9.28	9.06	9.05	8.75	8.43
28	9.32	9.65	9.83	10.03	9.63	10.01	9.54	9.27	9.07	9.05	8.73	8.42
29	9.31	10.39	9.79	9.99	---	9.97	9.52	9.29	9.07	9.03	8.71	8.41
30	9.30	10.50	9.75	9.94	---	9.97	9.52	9.31	9.07	9.02	8.69	8.40
31	9.29	---	9.72	9.93	---	10.41	---	9.31	---	9.00	8.67	---
MAX	9.52	10.50	11.87	10.12	9.93	10.41	10.64	9.56	9.31	9.18	8.98	8.65
MIN	9.00	9.17	9.72	9.60	9.63	9.55	9.52	9.27	8.99	9.00	8.67	8.40

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA

LOCATION.--Lat 32°55'45", long 92°37'58", in NW ¼ sec.1, T.22 N., R.3 W., Union Parish, Hydrologic Unit 08040206, left bank on downstream side of bridge on State Highway 15, 1.4 mi east of Lillie, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--208 mi^2.

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR LA-79-1: 1978(M).

GAGE.--Water-stage recorder. Datum of gage is 91.48 ft above sea level. October 1955 to Jan. 26, 1956, nonrecording gage, Jan. 27, 1956 to May 31, 1978, water-stage recorder, at site 500 ft downstream at same datum.

REMARKS.--Records good above 100 cfs, fair between 100 cfs and 50 cfs, and poor below. Satellite telemetry and telephony at station.

PEAK DISCHARGES 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 29	2300	3,090	8.84	Mar 14	0700	1,230	7.63
Dec 14	1700	*5,720	*10.21	Mar 21	0400	2,870	8.72
Dec 19	1000	3,390	9.00	Apr 2	2000	1,980	8.14
Jan 26	1500	1,730	7.99				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	11	2440	66	226	56	1440	29	191	26	13	4.3
2	2.4	14	2090	60	207	88	1710	27	181	25	13	3.9
3	2.8	17	1240	56	173	117	1460	25	182	24	13	3.5
4	2.8	20	709	54	126	116	736	49	83	26	13	3.4
5	3.0	21	449	61	98	101	432	76	29	27	12	3.8
6	5.4	21	257	156	189	80	260	77	22	26	11	4.3
7	5.5	22	110	214	316	65	138	62	19	31	10	5.2
8	5.3	22	96	225	336	58	325	41	21	27	9.8	6.0
9	5.2	22	190	241	355	60	762	31	20	23	9.2	6.7
10	4.7	23	239	236	376	74	772	28	19	20	8.8	6.9
11	22	24	277	187	327	90	944	26	24	18	8.5	6.6
12	64	24	2330	113	220	407	758	27	23	18	8.3	6.1
13	134	25	5000	82	123	842	470	30	19	19	8.0	5.2
14	238	26	5450	69	84	1180	277	39	17	27	8.6	4.4
15	228	26	4640	60	70	998	145	33	14	43	9.6	4.6
16	207	26	3080	55	63	742	86	27	e12	54	22	6.9
17	246	25	2930	52	58	487	67	25	e11	53	85	7.0
18	298	25	1880	54	55	342	56	34	15	39	72	6.5
19	231	26	2990	72	e114	270	49	38	16	31	31	6.4
20	61	26	1780	169	e201	887	45	41	16	37	27	8.9
21	20	27	877	261	327	2520	42	29	16	34	18	17
22	14	28	546	372	328	1530	38	23	16	26	13	15
23	11	28	372	547	376	1250	36	19	15	22	10	12
24	9.6	31	261	578	397	896	33	16	14	19	8.2	e9.9
25	8.8	35	191	712	288	551	31	16	14	18	7.4	e8.8
26	9.9	36	180	1500	144	390	29	15	17	18	6.2	e8.5
27	9.0	67	200	1460	77	366	31	17	26	19	6.3	e10
28	8.0	343	199	1040	60	411	32	19	26	19	6.1	e15
29	8.5	2310	139	630	---	364	33	28	28	16	5.5	e12
30	8.6	2820	92	402	---	323	32	130	26	15	5.0	e10
31	8.9	---	75	273	---	1120	---	200	---	14	4.7	---
TOTAL	1884.3	6171	41309	10057	5714	16781	11269	1277	1132	814	483.2	228.8
MEAN	60.78	205.7	1333	324.4	204.1	541.3	375.6	41.19	37.73	26.26	15.59	7.627
MAX	298	2820	5450	1500	397	2520	1710	200	191	54	85	17
MIN	1.9	11	75	52	55	56	29	15	11	14	4.7	3.4
AC-FT	3740	12240	81940	19950	11330	33290	22350	2530	2250	1610	958	454
CFSM	0.29	0.99	6.41	1.56	0.98	2.60	1.81	0.20	0.18	0.13	0.07	0.04
IN.	0.34	1.10	7.39	1.80	1.02	3.00	2.02	0.23	0.20	0.15	0.09	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2002, BY WATER YEAR (WY)

MEAN	54.12	146.1	284.3	350.1	415.3	398.4	402.1	243.1	155.1	70.89	29.62	41.53
MAX	660	977	1394	1140	1256	1222	2764	852	1391	985	202	464
(WY)	1985	1958	2002	1974	1975	2001	1991	1991	1974	1989	1996	1974
MIN	0.14	8.88	20.7	34.4	45.4	48.3	49.8	11.5	3.40	1.19	1.49	0.000
(WY)	2001	1996	1957	2000	2000	1966	1981	1988	1966	1988	1956	2000

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1956 - 2002	
ANNUAL TOTAL	150647.6		97120.3			
ANNUAL MEAN	412.7		266.1		212.5	
HIGHEST ANNUAL MEAN					502	1958
LOWEST ANNUAL MEAN					52.3	1967
HIGHEST DAILY MEAN	6370	Mar 1	5450	Dec 14	20000	Apr 28 1958
LOWEST DAILY MEAN	1.8	Aug 14	1.9	Oct 1	0.00	Aug 18 1956
ANNUAL SEVEN-DAY MINIMUM	2.2	Jul 27	3.4	Oct 1	0.00	Sep 21 1956
MAXIMUM PEAK FLOW			5720	Dec 14	24000	Jun 9 1974
MAXIMUM PEAK STAGE			10.21	Dec 14	17.54	Jun 9 1974
INSTANTANEOUS LOW FLOW			1.8	Oct 1	0.00	Oct 10 1988
ANNUAL RUNOFF (AC-FT)	298800		192600		153900	
ANNUAL RUNOFF (CFSM)	1.98		1.28		1.02	
ANNUAL RUNOFF (INCHES)	26.94		17.37		13.88	
10 PERCENT EXCEEDS	1240		722		545	
50 PERCENT EXCEEDS	58		33		51	
90 PERCENT EXCEEDS	3.2		7.8		4.3	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.37	2.98	8.46	4.30	5.68	4.10	7.79	3.45	5.50	3.35	2.91	2.83
2	2.46	3.13	8.22	4.19	5.58	4.61	7.97	3.37	5.43	3.30	2.88	2.80
3	2.50	3.25	7.62	4.11	5.38	4.96	7.79	3.33	5.44	3.29	2.88	2.77
4	2.50	3.33	7.01	4.06	5.04	4.95	7.05	3.93	4.45	3.36	2.87	2.76
5	2.52	3.37	6.47	4.20	4.76	4.80	6.43	4.46	3.43	3.37	2.84	2.79
6	2.72	3.38	5.84	5.25	5.44	4.51	5.83	4.47	3.22	3.37	2.80	2.83
7	2.74	3.41	4.94	5.62	6.07	4.28	5.12	4.22	3.11	3.50	2.76	2.90
8	2.73	3.42	4.80	5.68	6.14	4.16	5.93	3.77	3.18	3.39	2.73	2.95
9	2.72	3.42	5.53	5.75	6.21	4.19	7.11	3.51	3.15	3.25	2.70	2.98
10	2.68	3.43	5.78	5.73	6.29	4.43	7.13	3.41	3.13	3.16	2.69	2.99
11	3.33	3.46	5.93	5.46	6.11	4.64	7.36	3.36	3.27	3.10	2.67	2.98
12	4.38	3.47	8.11	4.91	5.64	6.30	7.10	3.38	3.23	3.08	2.66	2.95
13	5.06	3.50	9.85	4.55	5.00	7.22	6.52	3.48	3.15	3.12	2.65	2.90
14	5.77	3.53	10.07	4.34	4.58	7.58	5.90	3.71	3.04	3.39	2.68	2.84
15	5.73	3.54	9.66	4.20	4.37	7.41	5.17	3.56	2.92	3.81	2.72	2.85
16	5.63	3.52	8.84	4.09	4.25	7.07	4.59	3.39	---	4.06	3.20	2.99
17	5.81	3.52	8.76	4.03	4.16	6.57	4.31	3.31	---	4.04	4.53	3.00
18	6.02	3.51	8.09	4.08	4.09	6.16	4.12	3.57	2.96	3.72	4.34	2.98
19	5.72	3.53	8.78	4.38	---	5.89	3.96	3.70	3.00	3.50	3.57	2.97
20	4.24	3.53	8.02	5.33	---	6.85	3.87	3.77	3.00	3.68	3.50	3.09
21	3.33	3.55	7.25	5.84	6.11	8.50	3.79	3.45	3.02	3.58	3.26	3.42
22	3.12	3.59	6.70	6.25	6.11	7.85	3.68	3.25	3.00	3.35	3.12	3.34
23	3.01	3.60	6.26	6.71	6.28	7.65	3.62	3.13	2.97	3.21	3.04	3.21
24	2.94	3.68	5.84	6.77	6.34	7.28	3.56	3.03	2.94	3.11	2.99	---
25	2.91	3.77	5.49	7.03	5.95	6.71	3.50	3.01	2.95	3.10	3.00	---
26	2.96	3.80	5.43	7.82	5.15	6.32	3.44	2.97	3.03	3.08	2.96	---
27	2.91	4.37	5.54	7.81	4.47	6.25	3.49	3.04	3.33	3.11	2.97	---
28	2.87	6.04	5.53	7.45	4.19	6.38	3.54	3.12	3.35	3.10	2.95	---
29	2.89	8.35	5.13	6.87	---	6.24	3.56	3.40	3.42	3.03	2.92	---
30	2.90	8.69	4.68	6.35	---	6.09	3.51	5.00	3.36	2.98	2.89	---
31	2.91	---	4.44	5.89	---	7.46	---	5.54	---	2.95	2.87	---
MAX	6.02	8.69	10.07	7.82	---	8.50	7.97	5.54	---	4.06	4.53	---
MIN	2.37	2.98	4.44	4.03	---	4.10	3.44	2.97	---	2.95	2.65	---

07366300 BAYOU D'ARBONNE LAKE AT FARMERVILLE, LA

LOCATION.--Lat 32°45'25", long 92°24'50", in NW ¼ NW ¼ sec.6, T.20 N., R.1 E., Union Parish, Hydrologic Unit 08040206, near right bank on downstream side of bridge on State Highway 33, 0.6 mi southwest of Farmerville, and 5.0 mi upstream from dam on Bayou D'Arbonne.

DRAINAGE AREA.--1,607 mi^2 at dam, 1,470 mi^2 at site.

PERIOD OF RECORD.--December 1964 to current year (gage heights and miscellaneous discharge measurements only). August 1925 to current year in reports of Corps of Engineers, Vicksburg District. Published as Lake D'Arbonne at Farmerville, December 1964 to September 1968.

REVISED RECORDS.--WDR LA-71: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 40.40 ft above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Reservoir is formed by an earthfill dam containing a 799-ft uncontrolled concrete spillway at left end. Capacity, 130,000 acre-ft at spillway crest, 39.60 ft, gage datum. There is no dead storage. Outflow below spillway crest controlled by four 5- by 5-ft sluice gates at outlet. Invert elevation of sluice gates at 17.6 ft gage datum. Dam complete and storage began in 1964. Reservoir is used for flood control, conservation, and recreation. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 50.38 ft, April 30, 1991.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1925, 45.71 ft, April 30, 1958, (from Corps of Engineers records).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 44.02 ft, Dec. 15; minimum gage height, 33.81 ft, Nov. 15, 16.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.89	37.11	37.62	40.18	41.33	40.70	42.25	40.28	40.09	40.04	39.82	39.75
2	39.89	36.83	38.49	40.06	41.19	40.67	42.34	40.26	40.11	40.03	39.80	39.73
3	39.90	36.57	39.26	39.96	41.07	40.58	42.29	40.23	40.13	40.03	39.80	39.71
4	39.91	36.30	39.86	39.86	40.96	40.53	42.21	40.24	40.14	40.03	39.78	39.70
5	39.92	36.04	40.26	39.84	40.87	40.51	42.11	40.24	40.16	40.02	39.76	39.69
6	39.95	35.77	40.46	39.96	40.95	40.50	41.91	40.26	40.15	40.02	39.73	39.67
7	39.93	35.45	40.49	40.05	41.02	40.49	41.68	40.27	40.11	40.00	39.71	39.64
8	39.92	35.10	40.46	40.09	41.07	40.48	41.77	40.28	40.08	39.98	39.68	39.63
9	39.91	34.76	40.37	40.11	41.10	40.49	41.97	40.27	40.09	39.96	39.66	39.61
10	39.91	34.54	40.27	40.11	41.06	40.45	41.99	40.26	40.13	39.94	39.63	39.60
11	39.98	34.35	40.17	40.10	41.00	40.47	42.01	40.25	40.13	39.92	39.61	39.59
12	40.04	34.15	40.69	40.06	40.97	40.63	41.97	40.23	40.10	39.92	39.59	39.57
13	40.23	33.98	42.14	39.96	40.92	40.78	41.89	40.21	40.07	39.93	39.59	39.56
14	40.38	33.88	43.57	39.83	40.86	40.93	41.76	40.16	40.04	39.92	39.58	39.54
15	40.38	33.82	43.99	39.72	40.80	41.05	41.59	40.14	40.00	39.94	39.59	39.54
16	40.14	33.82	43.85	39.86	40.73	---	41.40	40.13	39.99	39.96	39.69	39.55
17	39.93	33.83	43.71	40.03	40.66	---	41.21	40.16	39.98	39.98	39.87	39.57
18	39.83	33.84	43.41	40.17	40.61	---	41.04	40.16	39.96	39.98	39.89	39.57
19	39.85	33.85	43.05	40.31	40.61	41.28	40.90	40.14	39.94	39.97	39.91	39.59
20	39.91	33.86	42.71	40.40	40.81	41.39	40.78	40.13	39.92	39.96	39.91	39.64
21	39.91	33.87	42.42	40.47	40.95	41.70	40.69	40.11	39.91	39.96	39.90	39.65
22	39.82	33.88	42.12	40.50	40.99	41.92	40.60	40.09	39.90	39.95	39.89	39.65
23	39.65	33.90	41.85	40.55	40.97	42.12	40.54	40.07	39.87	39.93	39.87	39.63
24	39.43	33.96	41.54	41.21	40.93	42.21	40.50	40.06	39.87	39.92	39.86	39.61
25	39.16	33.98	41.26	42.23	40.92	42.15	40.43	40.04	39.90	39.91	39.86	39.59
26	38.88	34.00	41.01	42.21	40.86	41.99	40.39	40.03	39.94	39.89	39.85	39.60
27	38.61	34.25	40.82	42.01	40.77	41.79	40.36	40.03	39.97	39.89	39.84	39.58
28	38.30	34.61	40.68	41.88	40.74	41.59	40.35	40.02	40.01	39.89	39.82	39.57
29	38.01	35.61	40.57	41.78	---	41.42	40.32	40.01	40.04	39.87	39.80	39.57
30	37.72	36.65	40.45	41.67	---	41.36	40.31	40.02	40.04	39.85	39.78	39.56
31	37.41	---	40.31	41.54	---	42.03	---	40.05	---	39.83	39.76	---
MAX	40.38	37.11	43.99	42.23	41.33	42.21	42.34	40.28	40.16	40.04	39.91	39.75
MIN	37.41	33.82	37.62	39.72	40.61	40.45	40.31	40.01	39.87	39.83	39.58	39.54

07366472 CHAUVIN BAYOU NEAR MONROE, LA

LOCATION.--Lat 32°33'34", long 92°04'31", in NE ¼ NE ¼ sec.43, T.18 N., R.4 E., Ouachita Parish, Hydrologic Unit 08040207, on downstream end of culvert on U.S. Highway 165, 2.5 mi north of Sherrouse School at Monroe, and 4.0 mi upstream from mouth, and 1 mi north of Monroe.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1977 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of the gage is 31.17 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.32 ft, May 9, 1991; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.83 ft, Dec. 23; minimum gage height, 30.46 ft, June 10.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.65	30.61	33.71	36.57	36.77	30.67	---	35.97	30.50	30.63	30.62	30.63
2	30.65	30.61	33.27	36.54	36.74	30.71	---	35.93	30.48	30.76	30.60	30.62
3	30.67	30.60	32.93	36.51	36.65	30.68	---	35.88	30.51	30.76	30.60	30.62
4	30.68	30.61	32.74	36.48	36.45	30.66	35.85	35.80	30.56	30.65	30.59	30.62
5	30.74	30.59	32.60	36.55	36.28	30.64	35.85	35.54	30.54	30.61	30.58	30.61
6	31.12	30.58	32.48	36.79	36.34	30.67	35.87	35.23	30.54	30.59	30.60	30.59
7	30.85	30.58	32.36	36.79	36.18	30.77	35.89	34.87	30.49	30.56	30.59	30.59
8	30.72	30.58	33.02	36.76	35.98	30.68	36.23	34.43	30.48	30.55	30.59	30.59
9	30.67	30.59	32.98	36.75	35.77	30.95	36.48	33.89	30.49	30.60	30.59	30.59
10	30.68	30.57	32.67	36.74	35.56	30.85	36.50	33.25	30.65	30.61	30.59	30.57
11	30.72	30.57	32.39	36.72	35.35	30.85	36.49	32.39	30.84	30.63	30.59	30.58
12	30.78	30.58	33.69	36.69	35.13	31.24	36.47	31.65	30.60	30.68	30.60	30.60
13	31.34	30.61	35.21	36.66	34.88	31.09	36.44	31.28	30.59	30.63	30.63	30.59
14	31.41	30.65	35.53	36.62	34.60	30.94	36.41	30.97	30.58	30.65	30.67	30.56
15	31.22	30.62	35.76	36.59	34.27	30.90	36.38	30.72	30.55	30.61	30.69	30.53
16	31.01	30.57	36.18	36.56	33.88	30.98	36.35	30.62	30.54	30.87	30.91	30.51
17	30.84	30.60	36.56	36.54	33.39	30.90	36.32	30.62	30.57	30.97	31.14	30.58
18	30.73	30.60	36.62	36.53	32.73	30.81	36.30	30.65	30.54	30.74	30.79	30.63
19	30.73	30.60	36.62	36.56	32.16	30.78	36.27	30.58	30.58	30.67	30.71	30.61
20	30.71	30.59	36.61	36.57	32.29	---	36.24	30.54	30.55	30.68	30.68	31.04
21	30.70	30.60	36.59	36.54	31.63	---	36.21	30.53	30.53	30.64	30.67	30.76
22	30.71	30.60	36.60	36.53	31.19	---	36.20	30.51	30.51	30.64	30.66	30.66
23	30.70	30.60	36.83	36.52	30.94	---	36.18	30.52	30.50	30.71	30.65	30.62
24	30.69	30.63	36.82	36.55	30.82	---	36.15	30.55	30.53	30.69	30.63	30.64
25	30.73	30.61	36.79	36.80	30.75	---	36.12	30.62	30.55	30.66	30.62	30.60
26	30.71	30.60	36.76	36.78	30.71	---	36.10	30.63	30.54	30.69	30.60	30.64
27	30.66	31.35	36.73	36.75	30.69	---	36.09	30.81	30.55	30.73	30.60	30.61
28	30.64	31.67	36.70	36.73	30.66	34.17	36.08	30.59	30.71	30.68	30.61	30.58
29	30.63	34.44	36.67	36.72	---	34.21	36.06	30.58	30.78	30.66	30.62	30.58
30	30.63	34.27	36.64	36.70	---	---	36.02	30.55	30.64	30.66	30.63	30.60
31	30.62	---	36.60	36.72	---	---	---	30.51	---	30.64	30.64	---
MAX	31.41	34.44	36.83	36.80	36.77	34.21	36.50	35.97	30.84	30.97	31.14	31.04
MIN	30.62	30.57	32.36	36.48	30.66	30.64	35.85	30.51	30.48	30.55	30.58	30.51

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 32°58'25", long 91°26'25", in NE ¼ NE ¼ sec.21, T.23 N., R.10 E., Morehouse - West Carroll Parish line, Hydrologic Unit 08050001, near left bank on downstream side of bridge on State Highway 835, 2.0 mi downstream from Arkansas - Louisiana State line, and 7.5 mi southwest of Kilbourne.

DRAINAGE AREA.--785 mi^2 (see REMARKS).

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to September 1973 (annual maximum gage heights and daily discharges below 200 ft^3/s only). October 1973 to September 1979 (daily gage heights and daily discharges below 200 ft^3/s only). October 1979 to January 1986 (gage heights only). February 1986 to current year (daily gage heights and daily discharges below 3,950 ft^3/s only).

GAGE.--Water-stage recorder. Datum of gage is 72.11 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Dec. 31, 1957, nonrecording gage, Dec. 31, 1957 to Oct. 1, 1961, water-stage recorder on left bank 300 ft upstream. Prior to Oct. 1, 1978, datum 2.00 ft higher. May 4, 1959 to Dec. 4, 1962, auxiliary nonrecording gage and Dec. 5, 1962 to Apr. 6, 1969, auxiliary water-stage recorder 1.7 mi downstream from base gage at datum 74.35 ft above NGVD of 1929.

REMARKS.--Records fair except for daily discharges below 200 ft^3/s and above 3000 ft^3/s, which are poor. Lowest recordable stage is approximately 2.0 ft. Diversions above and below station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. In extreme floods considerable flow bypasses station. Flow re-enters and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (station 07368000).

AVERAGE DISCHARGE.--11 years (water years 1958-68), 952 ft^3/s, 689,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft^3/s, Feb. 11, 1966; maximum gage height, 26.39 ft, present datum, May 5, 1991. No flow at times most years as a result of pumping for irrigation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 15, 1948, reached a stage of 24.8 ft, present datum, (from records of Corps of Engineers, Vicksburg District).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.77 ft, Dec 2; minimum gage height not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00		731	1990	245		0.00	647	0.00	e0.00	4.6
2	0.00	0.00		638	1290	229		0.00	335	0.00	e0.00	0.00
3	0.00	0.00		540	900	204		0.00	91	0.00	e0.00	0.00
4	0.00	0.00		455	708	263		2070	0.33	0.00	e0.00	0.00
5	0.00	0.00		627	634	230	816		0.00	0.00	e0.00	0.00
6	0.00	0.00				190	613		0.00	0.00	e0.00	0.00
7	0.00	0.00				234	461	2400	0.00	0.00	e0.00	0.00
8	0.00	0.00			1890	176		688	0.00	0.00	e0.00	0.00
9	0.00	0.00		1360	1040	344		372	0.00	e0.00	e0.00	0.00
10	0.00	0.00		914	739	438		288	0.00	e0.00	e0.00	0.00
11	0.00	0.00	1440	676	629	295	1120	2320	0.00	e0.00	e0.00	0.00
12		0.00		537	524		685	2690	0.00	e0.00	e0.00	0.00
13		0.00		427	471		494	1210	0.00	e0.00	e0.00	0.00
14		0.00		355	470		400	839	0.00	e0.00	0.00	0.00
15		0.00		296	405	1720	327	795	0.00	e0.00	0.00	0.00
16		0.00		260	388		278	e350	0.00	e0.00	e0.00	0.00
17		0.00		247	431		270	e155	0.00	e0.00	e0.00	0.00
18		0.00		222	452		253	204	0.00	e0.00	e0.00	0.00
19	1380	0.00		1040	493		236	126	0.00	e0.00	e0.00	0.00
20	545	0.00					171	50	0.00	e0.00	e0.00	0.00
21	371	0.00		2590			105	0.36	0.00	e0.00	e0.00	0.00
22	282	0.00		1140	1580		93	0.00	0.00	e0.00	e0.00	0.00
23	213	0.00		1400	835		67	0.00	0.00	e0.00	e130	0.00
24	157	0.00			587	1100	61	0.00	0.00	e0.00	62	0.00
25	162	0.00			449	674	67	0.00	0.00	e0.00	93	0.00
26	73	0.00			389	1120	53	0.00	0.00	e0.00	151	0.00
27	41		1660		350	1640	60	167	0.00	e0.00	168	0.00
28	27		1400		260	1050	47	630	0.00	e0.00	171	0.00
29	14		1180		---	568	43	441	0.00	e0.00	112	0.00
30	0.02		1000		---	446	0.00	264	0.00	e0.00	44	0.00
31	0.00	---	854	1460	---		---	334	---	e0.00	19	---
TOTAL	---	---	---	---	---	---	---	---	1073.33	0.00	950.00	4.60
MEAN	---	---	---	---	---	---	---	---	35.78	0.000	30.65	0.153
MAX	---	---	---	---	---	---	---	---	647	0.00	171	4.6
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
CFSM	---	---	---	---	---	---	---	---	0.05	0.00	0.04	0.00
IN.	---	---	---	---	---	---	---	---	0.05	0.00	0.05	0.00

e Estimated

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.03	4.39	24.70	5.99	7.82	5.14	20.84	4.23	5.85	3.60	---	4.68
2	3.99	4.33	24.71	5.83	6.85	5.11	19.61	4.09	5.32	3.75	---	4.62
3	3.95	4.19	24.46	5.67	6.26	5.07	14.64	3.85	4.85	3.83	---	4.57
4	3.93	3.98	23.81	5.53	5.95	5.18	7.74	7.53	4.35	4.15	---	4.52
5	3.92	3.42	22.31	5.79	5.83	5.12	6.13	10.29	3.81	3.95	---	4.49
6	4.29	2.83	18.24	13.83	9.33	5.05	5.79	9.78	3.48	3.75	---	4.49
7	4.38	2.37	11.02	15.45	10.58	5.12	5.54	8.26	3.15	3.62	---	4.46
8	4.17		9.38	9.80	7.67	5.02	9.03	5.91	2.73	3.54	---	4.40
9	4.05		12.18	6.95	6.48	5.32	16.63	5.39	2.69	---	---	4.42
10	3.98		9.26	6.28	6.01	5.50	11.56	5.23	2.80	---	---	4.43
11	3.99		7.06	5.90	5.81	5.24	6.60	8.15	2.84	---	---	4.37
12	9.10		10.07	5.67	5.65	8.07	5.91	8.64	2.58	---	---	4.32
13	14.05		21.69	5.49	5.56	10.81	5.60	6.71	2.32	---	---	4.27
14	19.17		23.91	5.35	5.56	9.54	5.44	6.16	2.01	---	---	4.22
15	18.78		24.47	5.25	5.45	7.42	5.31	6.09	---	---	---	4.18
16	16.34		24.52	5.18	5.42	11.45	5.21	---	---	---	---	4.14
17	12.20		24.60	5.15	5.49	12.22	5.20	---	---	---	---	4.14
18	9.49		24.63	5.10	5.53	9.03	5.16	5.07	---	---	---	4.17
19	6.95		24.41	6.37	5.59	10.90	5.13	4.94	---	---	---	4.16
20	5.68		23.86	9.99	12.00	12.33	5.01	4.78	---	---	---	4.25
21	5.38		22.81	8.50	10.94	19.52	4.90	4.44	---	---	---	4.29
22	5.22		20.94	6.62	7.25	18.35	4.88	4.07	---	---	---	4.29
23	5.09	2.03	20.10	7.00	6.16	11.49	4.83	3.76	---	---	---	4.26
24	4.99	2.29	18.62	13.32	5.75	6.56	4.82	3.41	---	---	4.91	4.19
25	5.00	2.49	14.08	23.06	5.52	5.89	4.83	3.06	---	---	4.96	4.15
26	4.84	2.68	8.39	23.93	5.42	6.57	4.80	3.18	---	---	5.07	4.25
27	4.77	7.13	7.38	23.64	5.35	7.35	4.81	4.82	---	---	5.10	4.39
28	4.71	15.65	7.00	22.21	5.17	6.48	4.77	5.79	---	---	5.10	4.46
29	4.64	22.45	6.69	18.71	---	5.72	4.75	5.50	2.50	---	5.00	4.49
30	4.53	24.35	6.42	11.65	---	5.52	4.42	5.18	3.28	---	4.86	4.48
31	4.45	---	6.19	7.10	---	14.59	---	5.30	---	---	4.76	---
MAX	19.17	24.35	24.71	23.93	12.00	19.52	20.84	10.29	---	---	---	4.68
MIN	3.92	---	6.19	5.10	5.17	5.02	4.42	3.06	---	---	---	4.14

07368000 BOEUF RIVER NEAR GIRARD, LA

LOCATION.--Lat 32°28'52", long 91°47'52", on line between sec.1, T.17 N., R.6 E., and sec. 6, T.17 N., R.7 E., Richland Parish, Hydrologic Unit 08050001, on downstream side of bridge on U.S. Highway 80, and 0.5 mi east of Girard.

DRAINAGE AREA.--1,226 mi^2 (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Daily gage heights as follows: 1886-94 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg District; since January 1932 in reports of Corps of Engineers, Vicksburg District.

GAGE.--Water-stage recorder. Datum of gage is 49.42 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Nov. 3, 1955, nonrecording gage at sites within 200 ft upstream. Prior to Oct. 1, 1966, at datum 2.20 ft higher. Prior to Oct. 1, 2000, water-stage recorder for Boeuf River southwest of Rayville (station 07368040) used as auxiliary gage for this station. Nov. 20, 1962, to Sept. 30, 1974, at datum 0.60 ft lower. See WSP 2120 for changes prior to Nov. 20, 1962.

REMARKS.--Records fair above 30 ft^3/s, and poor below. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from Bayou Bartholomew basin passes this station. Low level dam of steel sheet piles with concrete cap located approximately 7 miles downstream, pool stage 55 ft, since Dec 1991.

AVERAGE DISCHARGE.--64 years (water years 1939 to 2002), 290 ft^3/s, 210,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,070 ft^3/s, May 2, 1958; maximum gage height, 21.51 ft, May 6, 1958, present datum; no flow at times after 1993; minimum gage height, 2.61 ft, June 25, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 7, 1927, reached a stage of 31.7 ft, present site and datum, (affected by overflow from Mississippi River).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,680 ft^3/s, Dec. 1, gage height, 16.53 ft; minimum discharge, 0.57 ft^3/s, June 20, gage height, 5.99 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	6.4	1670	55	637	7.3	385	3.5	13	75	11	22
2	18	6.2	1640	41	343	6.4	597	3.4	10	47	8.0	19
3	18	5.4	1570	31	187	4.5	716	2.9	9.8	60	6.4	16
4	19	4.3	1490	24	100	3.7	693	3.0	11	44	5.7	13
5	20	3.7	1420	56	60	3.4	483	3.4	12	29	5.9	11
6	22	3.2	1350	291	252	3.1	228	42	4.6	21	6.8	8.5
7	21	3.0	1260	468	363	3.2	99	117	2.0	15	6.1	6.8
8	21	3.0	1070	617	414	3.4	204	127	2.1	11	4.5	5.7
9	22	2.8	797	577	317	25	487	85	3.3	8.7	3.5	4.9
10	24	3.1	597	363	181	45	662	39	4.8	7.3	2.8	4.4
11	29	3.7	446	183	100	57	669	16	5.9	6.3	2.4	4.1
12	33	4.4	290	98	59	100	434	8.2	4.3	5.5	1.4	4.0
13	104	4.9	503	58	39	177	208	30	3.8	5.6	2.2	3.7
14	231	7.0	1190	37	29	250	103	58	3.2	12	6.4	3.3
15	383	8.7	1410	25	24	247	58	42	2.7	34	8.8	2.6
16	474	9.7	1480	18	24	190	35	22	2.3	48	12	3.6
17	491	9.8	1570	14	22	170	23	14	2.5	78	27	5.7
18	437	9.7	1580	11	20	274	15	12	2.5	99	68	6.5
19	334	10	1540	13	24	265	11	9.0	1.7	78	120	6.0
20	220	12	1480	18	83	232	8.7	6.6	0.93	47	131	8.5
21	121	13	1420	77	184	270	7.2	5.0	1.5	26	109	8.0
22	62	11	1370	154	307	437	5.8	4.2	5.6	15	81	7.0
23	34	13	1420	146	238	579	5.0	4.1	5.7	9.6	59	6.2
24	22	15	1350	166	121	550	4.5	4.3	9.9	12	43	6.0
25	17	16	1250	362	56	327	3.1	4.1	9.8	12	32	7.5
26	12	19	1090	695	27	145	2.8	4.4	4.1	6.9	23	11
27	9.4	142	794	966	14	62	3.2	6.8	3.1	5.4	19	12
28	7.7	376	464	1110	8.7	41	3.6	2.1	21	6.6	19	13
29	6.9	1240	230	1180	---	43	3.2	1.5	75	7.2	20	11
30	6.6	1580	117	1160	---	33	3.4	11	104	7.1	22	10
31	6.4	---	75	996	---	176	---	17	---	7.7	23	---
TOTAL	3244.0	3546.0	33933	10010	4233.7	4730.0	6160.5	708.5	342.13	846.9	889.9	251.0
MEAN	104.6	118.2	1095	322.9	151.2	152.6	205.3	22.85	11.40	27.32	28.71	8.367
MAX	491	1580	1670	1180	637	579	716	127	104	99	131	22
MIN	6.4	2.8	75	11	8.7	3.1	2.8	1.5	0.93	5.4	1.4	2.6
AC-FT	6430	7030	67310	19850	8400	9380	12220	1410	679	1680	1770	498

07368000 BOEUF RIVER NEAR GIRARD, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.27	6.13	16.51	6.70	10.73	6.14	9.48	6.04	6.19	6.88	6.20	6.34
2	6.27	6.13	16.32	6.56	8.92	6.13	11.03	6.04	6.15	6.60	6.16	6.31
3	6.27	6.12	15.93	6.45	7.84	6.10	11.85	6.03	6.14	6.73	6.13	6.27
4	6.28	6.10	15.52	6.37	7.12	6.09	11.69	6.03	6.15	6.57	6.12	6.23
5	6.30	6.09	15.14	6.67	6.75	6.08	10.20	6.04	6.17	6.40	6.12	6.20
6	6.32	6.08	14.77	8.57	8.29	6.07	8.22	6.51	6.06	6.30	6.14	6.16
7	6.31	6.07	14.23	9.72	9.05	6.08	7.12	7.26	6.01	6.23	6.13	6.14
8	6.31	6.07	13.19	10.62	9.38	6.08	7.99	7.35	6.02	6.18	6.10	6.12
9	6.32	6.07	11.66	10.39	8.75	6.36	10.24	6.96	6.04	6.15	6.08	6.11
10	6.34	6.07	10.50	9.04	7.79	6.60	11.48	6.50	6.06	6.12	6.07	6.10
11	6.40	6.09	9.58	7.80	7.12	6.72	11.53	6.23	6.08	6.11	6.06	6.09
12	6.45	6.10	8.57	7.11	6.74	7.13	9.84	6.12	6.06	6.10	6.04	6.09
13	7.13	6.11	9.86	6.73	6.54	7.80	8.06	6.39	6.05	6.10	6.06	6.09
14	8.26	6.14	13.87	6.51	6.42	8.41	7.14	6.70	6.04	6.20	6.13	6.08
15	9.47	6.17	15.10	6.38	6.36	8.40	6.70	6.53	6.03	6.47	6.17	6.07
16	10.15	6.18	15.50	6.29	6.36	7.91	6.46	6.30	6.02	6.62	6.21	6.08
17	10.27	6.18	15.95	6.24	6.34	7.73	6.31	6.19	6.02	6.91	6.40	6.12
18	9.88	6.18	15.98	6.20	6.32	8.62	6.22	6.18	6.02	7.12	6.82	6.13
19	9.09	6.19	15.79	6.23	6.37	8.54	6.16	6.13	6.01	6.91	7.30	6.12
20	8.17	6.21	15.48	6.29	6.98	8.27	6.13	6.09	6.00	6.61	7.39	6.16
21	7.31	6.22	15.16	6.90	7.80	8.58	6.10	6.07	6.01	6.38	7.20	6.16
22	6.77	6.20	14.89	7.59	8.68	9.87	6.08	6.06	6.09	6.24	6.96	6.14
23	6.49	6.22	15.14	7.53	8.20	10.90	6.07	6.05	6.09	6.17	6.74	6.13
24	6.35	6.25	14.76	7.65	7.31	10.70	6.06	6.06	6.15	6.20	6.58	6.12
25	6.28	6.27	14.20	9.04	6.71	9.03	6.04	6.05	6.15	6.20	6.45	6.15
26	6.22	6.30	13.31	11.07	6.39	7.52	6.03	6.05	6.06	6.13	6.35	6.20
27	6.18	7.45	11.64	12.60	6.24	6.77	6.04	6.10	6.05	6.12	6.30	6.21
28	6.15	9.29	9.69	13.42	6.17	6.56	6.04	6.02	6.26	6.13	6.30	6.22
29	6.14	14.55	8.15	13.79	---	6.58	6.04	6.00	6.88	6.14	6.32	6.20
30	6.13	16.23	7.27	13.71	---	6.47	6.04	6.15	7.15	6.14	6.34	6.19
31	6.13	---	6.90	12.77	---	7.78	---	6.24	---	6.15	6.35	---
MAX	10.27	16.23	16.51	13.79	10.73	10.90	11.85	7.35	7.15	7.12	7.39	6.34
MIN	6.13	6.07	6.90	6.20	6.17	6.07	6.03	6.00	6.00	6.10	6.04	6.07

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA

LOCATION.--Lat 32°29'55", long 91°55'05", in NW ¼ SW ¼ sec.36, T.18 N., R.5 E., Ouachita - Richland Parish line, Hydrologic Unit 08050001, near center of span on downstream side of bridge on U.S. Highway 80, 1.1 mi upstream from Illinois Central Gulf Railroad bridge, and 2.5 mi west of town of Crew Lake.

DRAINAGE AREA.--361 mi^2 (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Prior to December 1938, monthly discharge only, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 37.08 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 10, 1944, nonrecording gage, Aug. 10, 1944, to June 5, 1952, water-stage recorder, and June 6 to September 30, 1952, nonrecording gage, all at same site at datum 19.00 ft higher. Water-stage recorder for Bayou Lafourche near Alto (station 07369050) used as auxiliary gage for this station since Oct. 1, 1957.

REMARKS.--Records fair, except for estimated days and discharges below 20 cfs, which are poor. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from the Bayou Bartholomew basin passes this station. Satellite telemetry at station.

AVERAGE DISCHARGE.--64 years, (water years 1939 to current) 1,891 ft/s, 1,370,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,700 ft^3/s, Nov. 2, 1991, gage height, 30.18 ft; maximum gage height, 30.34 ft, May 9, 1991. Maximum daily reverse flow 210 ft^3/s, Apr. 27, 1989; no flow at times in August, September, October 1952, and June 1984, result of pumping for irrigation. No flow Mar. 17, 1989, backwater from Ouachita River.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 17,000 ft^3/s was measured Dec. 24, 1931 (from reports of Corps of Engineers, Vicksburg District).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,700 ft^3/s, Dec. 18, gage height, 27.30 ft; minimum discharge, 0.06 ft^3/s, Nov. 17, 18, gage height, -0.61 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e27	e26	20300	e497	7510	479	15400	e238	e678	386	101	174
2	e24	e19	20100	e436	4860	e370	16400	e201	e716	358	93	188
3	e22	e14	19900	e410	2540	e300	15200	e195	e517	371	97	182
4	20	e10	19400	e387	1450	e250	9620	e328	e376	559	276	155
5	20	e6.8	18900	e677	965	e220	3010	2480	e328	343	219	145
6	149	e5.9	18300	9630	6630	e190	e521	3800	e310	225	130	121
7	162	e4.4	16800	13200	10300	e180	e369	3880	e312	121	65	110
8	88	e3.4	14100	11900	6900	e420	e5580	e1990	e324	129	36	103
9	56	e2.9	13200	6160	3260	773	15300	e507	e353	84	27	108
10	41	e2.4	10600	e2010	1520	1670	15500	e314	e420	73	61	100
11	37	e1.9	5420	e755	e789	935	10700	686	e800	80	274	93
12	502	e1.2	4290	e569	e707	3190	e2900	2210	e580	234	199	88
13	4990	e0.66	15100	473	e511	6580	e600	2200	292	772	119	86
14	11100	0.47	18700	e381	e539	5960	e346	1290	124	1070	40	73
15	12100	0.28	20000	e341	e504	4100	e291	1030	67	1360	47	66
16	11300	0.17	20500	e335	e539	4190	e247	880	61	1620	136	58
17	9120	0.09	21100	e309	e550	7610	e224	e637	94	1460	2240	56
18	6030	0.79	21500	e292	e613	5850	e213	e546	55	795	3090	59
19	3550	1.9	21200	965	e700	4750	e201	e497	56	343	2530	64
20	1350	2.1	20800	3790	4670	5700	e190	e460	61	140	2050	150
21	617	2.3	20100	4850	8090	12000	e191	e411	46	97	1390	125
22	494	2.3	19100	3420	5200	14000	e162	e377	34	100	973	107
23	314	2.5	18700	2240	2260	11400	e163	e382	26	72	714	90
24	212	3.0	18300	4810	1240	5240	e174	e361	30	68	408	76
25	233	3.7	17300	16100	949	1740	e137	e351	114	159	348	70
26	197	5.2	14500	18100	801	1060	e161	e348	85	538	384	73
27	125	1110	11300	18700	702	1580	e210	e467	123	482	376	73
28	84	8920	7490	18800	592	1590	e213	e764	355	348	387	72
29	73	17500	2460	18500	---	888	e196	e844	1660	266	367	68
30	60	19900	884	17200	---	401	e228	e837	731	147	339	64
31	42	---	621	12400	---	7990	---	e627	---	74	258	---
TOTAL	63139	47553.36	470965	188637	75891	111606	114647	30138	9728	12874	17774	2997
MEAN	2037	1585	15190	6085	2710	3600	3822	972.2	324.3	415.3	573.4	99.90
MAX	12100	19900	21500	18800	10300	14000	16400	3880	1660	1620	3090	188
MIN	20	0.09	621	292	504	180	137	195	26	68	27	56
AC-FT	125200	94320	934200	374200	150500	221400	227400	59780	19300	25540	35250	5940

CAL YR 2001 TOTAL 1242470.36 MEAN 3404 MAX 21500 MIN 0.09 AC-FT 2464000
WTR YR 2002 TOTAL 1145949.36 MEAN 3140 MAX 21500 MIN 0.09 AC-FT 2273000

e Estimated

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	26.51	17.99	20.36	3.77	23.01	12.74	5.50	1.98	0.84	1.20
2	---	---	26.66	17.38	17.30	3.49	23.83	12.21	5.39	1.89	0.80	1.25
3	---	---	26.71	16.98	14.66	3.07	23.56	11.60	4.79	1.93	0.80	1.23
4	0.07	---	26.68	16.61	13.22	2.89	21.04	11.16	4.33	2.52	1.60	1.11
5	0.08	---	26.59	16.57	12.37	2.83	15.82	12.33	4.06	1.84	1.38	1.07
6	1.03	---	26.46	21.30	17.63	2.74	13.50	13.36	3.96	1.40	1.00	0.96
7	1.12	---	26.12	23.23	20.89	2.58	13.26	13.39	4.06	0.96	0.60	0.90
8	0.74	---	25.40	23.06	18.77	2.42	17.32	11.37	4.16	1.00	0.33	0.86
9	0.50	---	24.80	20.82	15.52	3.67	23.85	9.43	4.29	0.74	0.21	0.89
10	0.36	---	23.60	18.22	13.71	6.70	24.31	8.44	4.22	0.67	0.36	0.84
11	0.31	---	20.85	16.73	12.76	4.97	22.95	8.07	4.31	0.71	1.59	0.80
12	2.03	---	18.40	15.89	12.21	8.91	19.44	9.54	3.06	1.43	1.30	0.77
13	11.00	---	23.60	15.22	11.57	14.55	17.22	9.50	1.78	3.09	0.90	0.76
14	18.68	-0.44	25.83	14.47	11.11	14.45	16.61	7.91	1.06	4.08	0.38	0.67
15	20.11	-0.49	26.45	13.78	10.60	12.32	16.45	7.03	0.71	4.74	0.45	0.62
16	19.73	-0.54	26.77	13.14	10.08	11.68	16.36	6.43	0.66	5.51	0.96	0.55
17	17.99	-0.59	27.09	12.45	9.54	15.60	16.28	5.66	0.89	5.48	6.66	0.53
18	14.96	-0.41	27.29	11.79	8.99	14.48	16.22	5.18	0.62	3.52	9.11	0.56
19	11.64	-0.24	27.34	11.65	8.49	12.82	16.14	4.86	0.62	1.83	8.06	0.60
20	7.30	-0.22	27.30	13.52	12.86	13.70	16.02	4.67	0.66	1.04	6.95	1.08
21	4.47	-0.20	27.21	14.58	16.89	19.35	15.88	4.52	0.53	0.83	5.29	0.98
22	2.84	-0.20	27.08	13.32	14.71	21.58	15.65	4.50	0.40	0.84	4.02	0.89
23	1.93	-0.18	27.14	11.76	10.90	20.34	15.44	4.64	0.29	0.66	3.09	0.78
24	1.56	-0.15	27.07	13.89	8.75	15.34	15.20	4.68	0.32	0.62	2.05	0.69
25	1.65	-0.11	26.87	23.25	7.36	10.37	14.79	4.76	1.01	1.12	1.86	0.65
26	1.52	-0.03	26.31	24.65	6.12	8.66	14.51	4.82	0.84	2.46	1.98	0.67
27	1.22	3.77	25.34	25.12	5.25	8.98	14.27	5.17	1.04	2.29	1.95	0.67
28	1.01	17.03	23.96	25.35	4.45	9.19	13.91	5.83	1.88	1.85	1.99	0.67
29	0.94	24.73	22.02	25.41	---	8.68	13.47	6.08	5.63	1.56	1.92	0.64
30	0.84	26.17	20.21	25.06	---	8.51	13.13	6.12	3.24	1.07	1.82	0.60
31	0.66	---	18.86	23.48	---	16.74	---	5.65	---	0.67	1.52	---
MAX	20.11	26.17	27.34	25.41	20.89	21.58	24.31	13.39	5.63	5.51	9.11	1.25
MIN	---	---	18.40	11.65	4.45	2.42	13.13	4.50	0.29	0.62	0.21	0.53

07369500 TENSAS RIVER AT TENDAL, LA

LOCATION.--Lat 32°25'55", long 91°22'00", in NW ¼ sec.29, T.17 N., R.11 E., Madison Parish, Hydrologic Unit 08050003, near right bank on upstream side of bridge on U.S. Highway 80 at Tendal, 200 ft upstream from Illinois Central Gulf Railroad bridge, and 2.8 mi east of Waverly.

DRAINAGE AREA.--309 mi^2 (see REMARKS).

PERIOD OF RECORD.--December 1935 to current year. Monthly discharge only for some periods, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 50.07 ft above NGVD of 1929. Prior to July 11, 1944, nonrecording gage at site 1,000 ft upstream at same datum. July 11, 1944 to Sept. 14, 1954, nonrecording gage at same site and datum. Water-stage recorder for Tensas River southeast of Tendal (07369515) used as auxiliary gage for this station since Oct. 1, 1957. See WSP 1711 and 1731 for history of changes prior to Oct. 1, 1957.

REMARKS.--Records fair except for periods of estimated daily discharge, which are poor. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Satellite telemetry at station.

AVERAGE DISCHARGE.--67 years (water years 1936 to current), 354 ft^3/s, 256,500 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,610 ft^3/s, Nov. 19, 1948; maximum gage height, 27.21 ft, May 5, 1991; minimum discharge, 1.1 ft^3/s, Sep. 20, 2000, but may have been less during period of indefinite stage-discharge relationship in October 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 15, 1927 (affected by overflow from Mississippi River) reached a stage of 34.02 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,690 ft^3/s, Nov. 29, gage height, 24.14 ft; maximum gage height 24.39 ft, Nov. 30; minimum discharge, 2.4 ft^3/s, Oct. 3, 4, gage height, 5.24 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	16	2390	853	553	107	751	46	281	88	28	31
2	3.4	15	2360	701	494	103	714	44	199	83	25	30
3	2.8	16	2360	587	429	96	601	43	127	68	26	28
4	3.0	19	2350	490	374	80	509	40	75	53	30	29
5	5.6	20	2330	425	352	62	443	38	47	41	31	28
6	8.2	20	2280	830	892	55	387	43	35	33	30	23
7	6.5	18	2230	1070	1250	48	330	47	31	29	35	19
8	5.9	16	2160	962	1090	42	644	42	28	27	32	18
9	4.9	15	2080	781	848	97	1620	36	33	26	31	18
10	14	14	1960	642	662	258	1640	32	58	24	29	20
11	191	14	1800	543	532	266	1370	27	61	24	25	19
12	638	15	1600	471	440	477	1080	27	51	27	21	18
13	922	16	1800	402	382	748	845	27	42	36	22	16
14	1560	17	2410	347	344	690	692	28	35	57	24	15
15	1560	18	2320	302	300	592	583	41	25	72	27	15
16	1330	18	2280	261	245	520	494	53	19	76	41	13
17	1030	18	2350	216	177	502	424	47	21	107	54	13
18	770	18	2360	177	129	434	372	43	30	150	69	11
19	586	18	2320	151	137	367	328	47	33	159	76	13
20	453	17	2280	146	250	333	276	43	30	146	94	16
21	369	15	2220	e170	422	559	216	32	25	120	e101	20
22	312	14	2140	e190	406	606	167	32	27	89	e87	55
23	256	14	2290	e400	361	479	127	29	26	67	68	74
24	186	15	2210	e520	313	389	90	34	24	57	54	59
25	128	15	2140	e1360	259	324	71	38	22	54	48	39
26	83	16	2030	e1280	213	255	59	40	26	57	48	62
27	52	369	1890	e1050	165	201	48	38	32	56	58	188
28	35	1520	1700	e860	122	158	43	65	38	52	63	316
29	27	2550	1480	e720	---	119	42	99	47	50	52	331
30	23	2520	1270	e635	---	93	42	163	70	43	41	284
31	19	---	1050	e580	---	295	---	301	---	34	32	---
TOTAL	10587.8	7386	64440	18122	12141	9355	15008	1665	1598	2005	1402	1821
MEAN	341.5	246.2	2079	584.6	433.6	301.8	500.3	53.71	53.27	64.68	45.23	60.70
MAX	1560	2550	2410	1360	1250	748	1640	301	281	159	101	331
MIN	2.8	14	1050	146	122	42	42	27	19	24	21	11
AC-FT	21000	14650	127800	35940	24080	18560	29770	3300	3170	3980	2780	3610

CAL YR 2001 TOTAL 188458.9 MEAN 516.3 MAX 2880 MIN 2.8 AC-FT 373800
WTR YR 2002 TOTAL 145530.8 MEAN 398.7 MAX 2550 MIN 2.8 AC-FT 288700

e Estimated

07369500 TENSAS RIVER AT TENDAL, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.26	5.50	24.38	16.59	12.73	6.67	12.33	5.93	8.39	6.44	5.68	5.73
2	5.26	5.48	24.39	15.50	12.09	6.62	12.58	5.90	7.61	6.39	5.64	5.71
3	5.25	5.50	24.37	14.43	11.23	6.54	11.82	5.89	6.86	6.21	5.65	5.68
4	5.25	5.54	24.30	13.31	10.32	6.36	10.94	5.84	6.29	6.03	5.72	5.69
5	5.30	5.56	24.15	12.25	9.72	6.13	10.15	5.82	5.94	5.86	5.72	5.68
6	5.35	5.56	23.94	14.47	14.17	6.05	9.44	5.89	5.78	5.75	5.72	5.60
7	5.32	5.53	23.65	16.01	16.90	5.95	8.82	5.94	5.72	5.69	5.78	5.54
8	5.30	5.49	23.33	15.63	16.47	5.88	11.28	5.88	5.68	5.67	5.74	5.52
9	5.29	5.47	22.92	14.71	15.34	6.50	17.72	5.80	5.75	5.65	5.72	5.53
10	5.43	5.46	22.35	13.74	14.22	8.17	18.45	5.74	6.08	5.62	5.69	5.56
11	7.37	5.46	21.62	12.77	13.08	8.25	17.57	5.67	6.12	5.62	5.63	5.55
12	11.54	5.47	20.73	11.81	11.93	10.07	16.34	5.66	6.00	5.67	5.58	5.52
13	13.86	5.48	21.35	10.82	10.86	12.59	15.17	5.66	5.89	5.79	5.59	5.49
14	17.70	5.51	24.09	9.88	9.93	12.58	14.11	5.68	5.79	6.08	5.61	5.48
15	18.09	5.52	24.07	9.09	9.04	11.86	13.06	5.86	5.64	6.25	5.66	5.48
16	17.32	5.52	23.99	8.45	8.25	11.11	11.98	6.03	5.55	6.30	5.86	5.45
17	16.07	5.52	24.20	7.93	7.49	10.79	10.90	5.95	5.57	6.65	6.03	5.44
18	14.67	5.52	24.17	7.50	6.93	10.12	9.92	5.89	5.70	7.11	6.23	5.40
19	13.25	5.52	24.00	7.19	7.03	9.29	9.06	5.95	5.76	7.20	6.30	5.44
20	11.79	5.51	23.77	7.13	8.26	8.85	8.36	5.90	5.70	7.07	6.51	5.49
21	10.42	5.48	23.44	7.42	10.02	10.81	7.78	5.74	5.63	6.79	6.60	5.56
22	9.22	5.46	23.07	7.77	10.02	11.61	7.29	5.73	5.66	6.46	6.43	6.03
23	8.25	5.45	23.49	9.82	9.52	10.69	6.86	5.69	5.65	6.20	6.21	6.28
24	7.48	5.46	23.23	11.90	8.93	9.62	6.46	5.76	5.61	6.07	6.03	6.10
25	6.88	5.47	22.88	16.42	8.38	8.80	6.24	5.82	5.59	6.04	5.95	5.84
26	6.39	5.49	22.40	17.08	7.89	8.15	6.10	5.85	5.65	6.08	5.96	6.12
27	6.00	9.06	21.77	16.34	7.35	7.64	5.96	5.83	5.74	6.06	6.09	7.49
28	5.78	17.68	20.95	15.42	6.84	7.19	5.89	6.17	5.82	6.01	6.14	8.71
29	5.67	23.37	19.96	14.55	---	6.78	5.88	6.57	5.95	5.99	6.01	8.83
30	5.60	24.38	18.87	13.72	---	6.50	5.89	7.24	6.23	5.90	5.86	8.42
31	5.54	---	17.71	12.93	---	8.43	---	8.57	---	5.77	5.74	---
MAX	18.09	24.38	24.39	17.08	16.90	12.59	18.45	8.57	8.39	7.20	6.60	8.83
MIN	5.25	5.45	17.71	7.13	6.84	5.88	5.88	5.66	5.55	5.62	5.58	5.40

07370000 BAYOU MACON NEAR DELHI, LA

LOCATION.--Lat 32°27'25", long 91°28'30", in NE ¼ SE ¼ sec.18, T. 17 N., R.10 E., Madison - Richland Parish line, Hydrologic Unit 08050002, near right bank on downstream side of bridge on U.S. Highway 80, 0.2 mi upstream from Illinois Central Gulf Railroad bridge, and 1.0 mi east of Delhi.

DRAINAGE AREA.--782 mi^2.

PERIOD OF RECORD.--Daily discharge and gage height records October 1935 to September 1992. October 1992 to current year, gage heights and annual maximum discharge only. Monthly discharge only for some periods published in WSP 1311. Daily gage heights as follows: 1885-99 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg District; and since January 1932 in reports of Corps of Engineers, Vicksburg District.

REVISED RECORDS.--WDR LA-77-1: 1976.

GAGE.--Water-stage recorder. Datum of gage is 50.05 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Mar. 14, 1949, nonrecording gage; Mar. 14, 1949 to Oct. 1, 1963, water-stage recorder; all gages within 2,000 ft downstream at same datum. Auxiliary water-stage recorder 7.7 mi downstream from base gage at datum 46.05 ft above sea level. Prior to Mar. 9, 1972, auxiliary gages at different sites and datum. See WDR LA-76-1 for history of changes prior to Mar. 9, 1972.

REMARKS.--Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined.

AVERAGE DISCHARGE.--57 years (water years 1935-1992), 975 ft^3/s, 706,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,600 ft^3/s, Apr. 29, 1991; maximum gage height, 26.86 ft, May 5, 1991; no flow observed, May 25, 26, 28, June 1, 1963, June 11, 1988, and June 12 to July 4, 1988 result of temporary dam; minimum gage height 4.13 ft, June 21, 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1882 reached a stage of 37.5 ft, present site and datum, from records of National Weather Service (affected by overflow from Mississippi River).

EXTREMES FOR CURRENT YEAR.--Maximum discharge 8,640 ft^3/s, Nov. 30, gage height 24.27 ft; Maximum gage height, 24.48 ft, Dec. 1; minimum gage height, 5.67 ft, July 12.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.51	6.54	24.44	7.97	9.65	7.15	13.00	6.68	7.39	7.72	6.49	6.78
2	6.48	6.55	24.26	7.62	9.02	7.09	13.61	6.57	6.99	7.35	6.67	6.73
3	6.40	6.55	23.94	7.33	8.69	7.05	12.51	6.69	6.81	7.04	6.73	6.70
4	6.49	6.56	23.51	7.19	8.53	6.97	10.44	6.74	6.72	6.92	6.76	6.65
5	6.37	6.57	22.87	7.35	8.40	6.93	8.86	6.93	6.55	6.79	6.78	6.63
6	6.43	6.57	21.93	10.80	10.24	6.92	8.40	7.09	6.33	6.68	6.75	6.62
7	6.63	6.47	20.63	12.70	12.28	6.93	8.18	6.97	6.21	6.57	6.75	6.62
8	6.55	6.47	19.02	12.09	11.51	6.93	9.32	6.74	6.30	6.50	6.73	6.60
9	6.39	6.51	17.45	10.14	9.60	7.33	14.05	6.63	7.09	6.30	6.69	6.60
10	6.31	6.52	15.65	8.49	8.37	8.16	15.28	6.70	6.95	6.08	6.64	6.57
11	6.40	6.53	13.66	7.98	7.85	7.79	14.10	6.86	6.68	5.91	6.58	6.56
12	7.49	6.52	11.71	7.72	7.57	9.24	11.94	6.78	6.54	5.75	6.47	6.57
13	9.68	6.52	14.12	7.56	7.53	10.61	9.62	6.77	6.49	6.55	6.38	6.58
14	12.78	6.56	20.97	7.45	7.44	9.41	8.31	6.85	6.47	8.41	6.60	6.56
15	13.38	6.56	22.45	7.34	7.33	8.23	7.89	6.87	6.40	8.03	6.87	6.58
16	12.00	6.53	22.44	7.26	7.25	7.79	7.58	6.84	6.48	7.61	7.16	6.66
17	9.42	6.55	22.40	7.22	7.21	8.41	7.38	6.76	6.74	7.72	7.56	6.67
18	7.71	6.58	22.27	7.21	7.17	8.65	7.25	6.85	6.75	7.42	8.03	6.68
19	7.17	6.63	21.69	7.44	7.18	8.40	7.18	7.18	6.63	7.12	7.79	6.68
20	6.99	6.66	20.78	8.58	9.14	8.32	7.13	7.21	6.30	6.85	7.46	6.72
21	6.86	6.65	19.48	8.23	9.61	9.85	7.08	6.94	5.99	6.76	7.26	6.90
22	6.76	6.65	17.98	7.77	8.86	10.26	7.06	6.66	5.88	6.70	7.05	7.26
23	6.70	6.65	18.30	8.53	8.36	9.50	7.01	6.52	5.91	6.44	6.84	7.03
24	6.70	6.69	17.92	9.67	8.15	8.84	6.93	6.50	6.15	6.27	6.74	6.76
25	6.78	6.72	16.61	13.99	7.91	8.49	6.82	6.53	6.70	6.45	6.71	6.66
26	6.82	6.69	14.92	15.98	7.63	8.28	6.70	6.63	6.66	6.80	6.78	6.79
27	6.76	8.71	12.96	16.12	7.33	8.01	6.71	7.57	6.51	6.93	6.85	7.10
28	6.68	13.55	10.96	15.46	7.22	7.69	6.83	8.26	6.68	6.91	6.88	7.46
29	6.64	21.32	9.34	14.34	---	7.50	6.87	7.69	7.82	6.84	6.88	7.30
30	6.60	24.13	8.43	12.88	---	7.39	6.81	8.02	8.11	6.72	6.82	6.85
31	6.57	---	8.19	11.13	---	9.93	---	7.97	---	6.57	6.81	---
MAX	13.38	24.13	24.44	16.12	12.28	10.61	15.28	8.26	8.11	8.41	8.03	7.46
MIN	6.31	6.47	8.19	7.19	7.17	6.92	6.70	6.50	5.88	5.75	6.38	6.56

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA

LOCATION.--Lat 32°12'25", Long 92°48'05", in SW ¼, Sec. 8, T. 14 N., R. 4 W., Bienville - Jackson Parish line, Hydrologic Unit 08040303, on left bank just upstream from bridge on State Highway 4, 200 ft downstream from Brush Creek, 1.5 mi downstream from McDonald Creek, and 5.4 mi west of Jackson Parish courthouse in Jonesboro.

DRAINAGE AREA.--355 mi^2.

PERIOD OF RECORD.--October 1938 to September 1957, October 1977 to September 1996, continuous stage and discharge. November 1957 to September 1977 (annual maximum, daily gage heights, and miscellaneous discharge measurements only), October 1996 to present, continuous stage and peak discharge only.

REVISED RECORDS.--WDR LA-1971: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 116.53 ft above NGVD of 1929. Prior to Nov. 29, 1938, nonrecording gage at same site and datum.

REMARKS.-Records good. Water used by paper mill at Hodge is pumped from wells and discharged into stream about 7 mi above station. Most of effluent is discharged continually whenever mill is operating, but some waste water is stored in a reservoir and released whenever river flow is sufficient to materially dilute it.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41,500 ft^3/s, Dec. 28, 1982; maximum gage height, 21.20 ft., from flood mark, Dec. 28, 1982; minimum discharge, 0.40 ft^3/s, Aug. 31, 1954; minimum gage height, 2.67 ft, Sep. 26, 1955.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 22,600 ft^3/s, gage height, 18.36 ft, Dec. 13; minimum gage height, 2.96 ft, Aug. 30, 31.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.45	3.77	14.05	7.77	10.08	7.24	12.06	4.63	3.34	3.83	3.24	3.06
2	3.31	3.80	13.26	7.40	9.54	7.38	13.69	4.53	3.37	4.29	3.23	3.10
3	3.21	3.80	12.37	7.13	9.13	7.62	12.83	4.41	3.74	4.02	3.20	3.11
4	3.18	3.79	11.62	6.91	8.81	7.62	11.90	4.31	3.71	4.07	3.20	3.10
5	3.25	3.77	10.84	7.11	8.61	7.39	11.15	4.19	3.60	3.93	3.18	3.12
6	3.39	3.76	9.89	9.85	10.41	7.02	10.30	4.09	3.59	3.71	3.17	3.15
7	3.50	3.76	8.78	11.01	11.87	6.76	9.29	4.02	3.51	3.60	3.31	3.17
8	3.47	3.77	8.39	11.16	12.20	6.44	9.99	4.00	3.40	3.58	3.24	3.19
9	3.51	3.79	9.45	11.26	12.09	7.59	12.54	3.96	3.36	3.52	3.19	3.21
10	3.58	3.88	9.96	10.93	11.54	9.13	13.76	3.89	3.47	3.54	3.14	3.25
11	3.74	3.83	10.00	10.19	10.88	8.86	13.18	3.83	3.67	3.60	3.12	3.26
12	3.99	3.80	11.55	9.26	10.13	9.10	12.21	3.76	3.76	3.82	3.09	3.26
13	6.72	3.78	17.19	8.65	9.28	10.08	11.42	3.72	3.80	3.85	3.11	3.26
14	10.66	3.79	17.55	8.22	8.74	10.42	10.64	3.62	3.64	3.81	3.16	3.25
15	11.09	3.89	15.40	7.83	8.37	10.66	9.64	3.59	3.51	3.73	3.09	3.26
16	10.79	3.88	13.97	7.47	8.08	10.37	8.81	3.58	3.41	3.68	3.12	3.27
17	10.44	3.83	13.18	7.17	7.84	9.57	8.25	3.59	3.36	4.18	3.62	3.34
18	9.07	3.88	12.94	6.92	7.64	8.97	7.77	3.64	3.35	4.00	3.55	3.40
19	7.24	3.95	12.85	7.06	7.44	8.66	7.29	3.64	3.32	3.70	3.35	3.40
20	6.08	4.01	12.56	8.11	8.93	8.68	6.86	3.99	3.32	3.54	3.33	3.46
21	5.39	4.14	11.93	9.18	10.17	9.83	6.46	4.34	3.35	3.50	3.34	3.74
22	4.88	4.25	11.29	9.89	10.47	10.87	6.19	4.05	3.28	3.52	3.34	3.65
23	4.64	4.27	11.08	10.42	10.84	12.28	6.13	3.76	3.25	3.46	3.34	3.52
24	4.47	4.39	11.14	11.14	10.48	12.21	6.00	3.62	3.24	3.44	3.41	3.53
25	4.30	4.64	10.90	15.19	9.51	11.46	5.96	3.54	3.22	3.47	3.40	3.62
26	4.19	4.37	10.71	16.34	8.58	10.82	5.69	3.48	3.25	3.46	3.38	3.66
27	4.12	5.69	10.23	14.18	8.06	10.06	5.37	3.54	3.25	3.43	3.37	3.60
28	3.99	9.32	9.47	12.66	7.61	9.65	5.05	3.61	3.47	3.36	3.25	3.54
29	3.86	12.62	8.91	11.83	---	9.48	4.84	3.47	3.53	3.33	3.09	3.51
30	3.72	14.19	8.47	11.19	---	8.99	4.72	3.44	3.46	3.30	2.99	3.51
31	3.71	---	8.09	10.63	---	10.04	---	3.36	---	3.27	2.99	---
MAX	11.09	14.19	17.55	16.34	12.20	12.28	13.76	4.63	3.80	4.29	3.62	3.74
MIN	3.18	3.76	8.09	6.91	7.44	6.44	4.72	3.36	3.22	3.27	2.99	3.06

07372200 LITTLE RIVER NEAR ROCHELLE, LA

LOCATION.--Lat 31°45'15", long 92°20'40", in NW ¼ sec.41, T.9 N., R.1 E., Grant - La Salle Parish line, Hydrologic Unit 08040304, near right bank on downstream side of pier of bridge on State Highway 500, 700 ft upstream from Louisiana Midland Railway Co. bridge, 1.1 mi northeast of Zenoria, and 3.0 mi southeast of Rochelle.

DRAINAGE AREA.--1,899 mi^2.

PERIOD OF RECORD.--October 1957 to current year.

REVISED RECORDS.--WDR LA-1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 24.79 ft above NGVD of 1929. Water-stage recorder for station Little River at Rochelle (station 07372190) used as auxiliary gage for this station since May 9, 1960. Prior to May 9, 1960, auxiliary nonrecording gage 5.1 mi upstream from base gage at same datum. Nonrecording gage read twice daily at auxiliary gage from Jan. 3, 1983 to Sept. 30, 1986.

REMARKS.--Records fair, except for estimated daily discharges which are poor. Natural flow is supplemented by effluent from operation of several oil fields upstream from station.

AVERAGE DISCHARGE.--42 years, (1928-1996, 1998 to current), 2,286 ft^3/s, 1,657,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108,000 ft^3/s, Dec. 29, 1982, gage height, 45.88 ft, from floodmark; minimum discharge, 8.8 ft^3/s, Sep. 6-9, 2000, gage height, 4.26 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 23,900 ft^3/s, Dec. 18, gage height, 37.23 ft; minimum discharge, 11 ft^3/s, Aug. 14, minimum gage height, Sep. 17, 18, 19, 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	98	12600	6170	7960	1940	3720	e264	e70	e92	32	20
2	124	87	16700	4900	8710	2440	4190	e238	e69	127	29	18
3	104	77	17200	3700	8500	2760	4230	e210	e68	168	27	17
4	82	69	15600	2660	7580	2640	4060	e190	e67	189	24	16
5	68	61	13400	1890	6530	2320	3860	e170	e66	179	21	16
6	62	54	11900	1900	6630	1940	3670	e150	e65	199	19	15
7	52	48	10600	2540	7340	1540	3600	e133	e66	e275	18	17
8	44	44	9490	2980	7810	1230	4460	e120	e68	e260	16	18
9	38	41	8440	3130	7970	1040	7110	e105	e70	213	15	17
10	33	39	7450	3150	8030	914	8990	e95	e70	158	14	15
11	32	37	6510	3080	8000	847	10500	e85	e69	119	13	15
12	35	36	5500	2940	7740	998	11700	e77	e67	92	12	15
13	180	34	5060	2790	7280	1420	12100	e72	e63	82	12	15
14	1280	33	6730	2680	6690	1820	11800	e67	e59	85	11	14
15	2030	32	8300	2610	5970	2080	11300	e63	e55	69	12	14
16	2320	32	11200	2510	5080	2240	10600	e60	e49	74	14	14
17	2400	30	18500	2340	4150	2350	9620	e56	e46	96	16	14
18	2320	29	23300	2080	3380	2260	8380	e54	e43	93	23	14
19	2070	29	21500	1780	2750	2110	6760	e52	e42	121	28	14
20	1700	29	17600	1640	2720	2020	4930	e51	e40	146	29	20
21	1380	29	14500	1450	3010	2180	3290	e50	e40	146	27	27
22	1230	30	12200	1300	3150	2400	1960	e50	e39	139	35	31
23	1120	30	11300	1380	3110	2230	1070	e52	e38	115	45	30
24	915	32	10800	1750	2950	1980	683	e55	e39	92	49	27
25	621	32	10900	3110	2760	1770	512	e58	e40	90	46	24
26	393	33	11600	3710	2530	1660	e440	e63	e40	98	43	26
27	263	488	11400	3830	2260	1660	e390	e66	e40	91	40	27
28	190	3380	10400	3790	2050	1820	e355	e68	e41	76	34	27
29	150	6370	9340	3920	---	2020	e325	e70	e43	57	29	30
30	125	9040	8250	4860	---	2240	e300	e71	e55	44	25	32
31	112	---	7230	6520	---	2840	---	e70	---	37	22	---
TOTAL	21635	20403	365500	93090	152640	59709	154905	2985	1627	3822	780	599
MEAN	697.9	680.1	11790	3003	5451	1926	5164	96.29	54.23	123.3	25.16	19.97
MAX	2400	9040	23300	6520	8710	2840	12100	264	70	275	49	32
MIN	32	29	5060	1300	2050	847	300	50	38	37	11	14
AC-FT	42910	40470	725000	184600	302800	118400	307300	5920	3230	7580	1550	1190

CAL YR 2001 TOTAL 1182368 MEAN 3239 MAX 35700 MIN 25 AC-FT 2345000
WTR YR 2002 TOTAL 877695 MEAN 2405 MAX 23300 MIN 11 AC-FT 1741000

e Estimated

07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.95	6.11	33.49	28.89	28.76	16.19	22.28	18.65	14.09	10.03	5.24	4.61
2	6.53	5.96	35.46	27.63	29.48	18.59	23.54	18.15	14.04	9.81	5.16	4.57
3	6.18	5.82	35.81	26.10	29.44	19.71	23.73	17.62	13.99	9.56	5.10	4.53
4	5.89	5.69	35.34	24.36	28.85	18.82	23.53	17.12	13.96	9.25	5.01	4.51
5	5.68	5.56	34.57	22.82	27.92	17.64	23.22	16.63	13.85	8.89	4.92	4.49
6	5.59	5.45	33.66	22.22	28.08	16.34	22.95	16.07	13.81	8.62	4.86	4.48
7	5.43	5.36	32.74	22.51	28.82	15.05	22.85	15.59	13.95	---	4.82	4.54
8	5.29	5.28	31.85	22.86	29.17	13.95	24.68	15.16	13.99	---	4.76	4.57
9	5.17	5.22	31.01	22.94	29.18	13.16	28.42	14.69	13.97	8.28	4.70	4.52
10	5.07	5.18	30.11	22.76	29.16	12.63	29.88	14.24	13.86	7.72	4.65	4.48
11	5.04	5.15	29.05	22.40	29.13	12.29	30.88	13.90	13.55	7.20	4.60	4.47
12	5.11	5.12	27.76	21.87	28.97	12.65	31.70	13.56	12.98	6.76	4.57	4.46
13	6.54	5.10	26.95	21.24	28.60	14.10	32.04	13.23	12.34	6.43	4.54	4.46
14	13.32	5.08	29.09	20.63	28.04	15.57	31.97	13.09	11.77	6.15	4.52	4.45
15	16.30	5.06	30.53	20.08	27.32	16.50	31.68	12.91	11.58	5.93	4.52	4.44
16	17.33	5.03	32.55	19.53	26.24	17.08	31.27	---	11.42	6.00	4.59	4.44
17	17.62	5.01	35.85	18.83	24.62	17.51	30.70	12.47	11.27	6.31	4.64	4.43
18	17.33	4.99	37.14	17.97	22.57	17.25	29.97	12.29	11.05	6.26	4.80	4.43
19	16.46	4.98	36.91	17.01	20.45	16.78	28.98	12.12	10.92	6.57	4.92	4.43
20	15.16	4.98	36.08	16.39	21.67	16.45	27.66	11.94	10.82	6.95	4.92	4.62
21	13.94	4.98	35.05	15.77	22.43	17.02	25.98	11.88	10.71	6.99	4.87	4.80
22	13.26	4.99	33.98	15.07	21.44	17.79	24.08	11.95	10.58	6.94	5.04	4.88
23	12.81	5.01	33.28	14.98	20.61	17.37	22.50	12.16	10.45	6.72	5.20	4.86
24	12.06	5.05	32.79	16.07	19.85	16.50	21.64	12.43	10.34	6.48	5.26	4.80
25	10.70	5.04	32.70	20.29	19.10	15.85	21.16	12.73	10.35	6.35	5.20	4.74
26	9.22	5.07	33.18	22.00	18.28	15.54	20.76	13.03	10.33	6.43	5.13	4.79
27	8.10	8.35	33.18	22.16	17.38	15.67	20.38	13.44	10.40	6.34	5.06	4.78
28	7.31	20.75	32.55	21.92	16.58	16.21	19.97	13.72	10.42	6.01	4.95	4.79
29	6.82	28.35	31.72	22.10	---	16.97	19.55	13.84	10.31	5.71	4.85	4.87
30	6.50	31.07	30.86	24.11	---	17.70	19.12	13.98	10.19	5.49	4.75	4.92
31	6.28	---	29.95	26.97	---	19.60	---	14.12	---	5.34	4.67	---
MAX	17.62	31.07	37.14	28.89	29.48	19.71	32.04	18.65	14.09	10.03	5.26	4.92
MIN	5.04	4.98	26.95	14.98	16.58	12.29	19.12	---	10.19	5.34	4.52	4.43

07373000 BIG CREEK AT POLLOCK, LA
(Hydrologic benchmark station)

LOCATION.--Lat 31°32'10", long 92°24'30", in SW ¼ SE ¼ sec.31, T.7 N., R.1 E., Grant Parish, Hydrologic Unit 08040304, near right bank on downstream side of bridge on U.S. Highway 165, 0.5 mi upstream from Sugar Branch, 0.8 mi upstream from water-supply diversion dam, 0.8 mi north of Pollock, and 1.3 mi downstream from Dyson Creek.

DRAINAGE AREA.--51 mi^2, approximately.

PERIOD OF RECORD.--January 1942 to current year.

REVISED RECORDS.--WDR LA-75-1: 1958(M), 1966(M).

GAGE.--Water-stage recorder with a concrete control. Datum of gage is 76.69 ft above NGVD of 1929. See WDR-LA-88-1 for history of changes prior to Oct. 1, 1988.

REMARKS--Records good. Satellite telemetry and rain gage at site.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 950 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	1330	3,900	13.07	Apr 8	2100	1,020	9.11
Dec 13	2300	*4,220	*13.32				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	18	154	45	67	129	100	27	26	20	15	13
2	13	18	94	43	52	275	61	26	24	35	14	14
3	13	17	72	42	46	91	52	25	22	39	13	12
4	13	17	60	41	44	65	45	25	21	26	12	12
5	13	16	52	54	114	58	42	26	20	24	12	11
6	14	16	49	92	472	55	41	24	20	20	12	11
7	13	15	47	58	171	54	40	23	24	17	13	13
8	13	15	48	49	89	50	495	22	19	17	12	14
9	13	15	47	46	71	49	547	23	19	16	12	14
10	13	15	42	45	77	46	117	23	27	16	11	13
11	27	16	40	43	66	45	79	22	32	17	11	11
12	40	16	43	41	58	64	65	22	23	18	11	11
13	365	16	993	40	54	58	58	27	20	18	10	10
14	177	16	1810	39	49	50	53	27	19	17	12	9.8
15	50	15	238	37	48	47	49	23	18	17	17	9.6
16	33	15	116	37	47	94	45	22	18	26	20	9.6
17	27	15	350	37	46	68	42	32	20	27	17	19
18	25	15	167	44	43	53	40	43	19	20	15	22
19	24	15	91	65	96	47	39	28	18	17	14	19
20	23	15	70	64	657	54	37	24	20	15	14	94
21	22	15	62	49	139	110	35	22	21	15	13	44
22	23	15	63	47	96	61	34	21	18	14	21	24
23	24	16	401	66	76	50	36	21	17	14	18	18
24	23	21	125	69	64	47	35	21	20	14	15	15
25	24	26	78	156	57	45	32	21	26	18	14	17
26	23	20	65	69	52	76	30	23	37	19	14	21
27	21	205	58	55	48	59	30	55	36	16	13	20
28	20	948	57	50	47	50	30	30	33	15	12	17
29	20	3500	54	49	---	50	29	26	24	15	11	15
30	19	1070	49	47	---	45	29	35	21	19	12	15
31	18	---	46	57	---	159	---	30	---	17	11	---
TOTAL	1159	6152	5641	1676	2946	2204	2367	819	682	598	421	548.0
MEAN	37.39	205.1	182.0	54.06	105.2	71.10	78.90	26.42	22.73	19.29	13.58	18.27
MAX	365	3500	1810	156	657	275	547	55	37	39	21	94
MIN	13	15	40	37	43	45	29	21	17	14	10	9.6
AC-FT	2300	12200	11190	3320	5840	4370	4690	1620	1350	1190	835	1090
CFSM	0.73	4.02	3.57	1.06	2.06	1.39	1.55	0.52	0.45	0.38	0.27	0.36
IN.	0.85	4.49	4.11	1.22	2.15	1.61	1.73	0.60	0.50	0.44	0.31	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2002, BY WATER YEAR (WY)

MEAN	32.38	48.86	70.17	96.67	107.7	101.3	99.00	80.99	41.65	33.82	24.37	28.65
MAX	288	391	470	352	474	313	462	698	284	240	105	161
(WY)	1985	1988	1983	1990	1966	1995	1991	1953	1989	1969	1961	1985
MIN	7.87	12.4	15.7	18.3	16.5	23.5	21.5	15.4	10.1	9.22	6.51	5.82
(WY)	1964	1968	1955	2000	2000	1955	1956	1956	1963	1956	2000	1956

07373000 BIG CREEK AT POLLOCK, LA--Continued
(Hydrologic benchmark station)

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1943 - 2002	
ANNUAL TOTAL	31019		25213.0			
ANNUAL MEAN	84.98		69.08		63.89	
HIGHEST ANNUAL MEAN					139	1983
LOWEST ANNUAL MEAN					22.7	1956
HIGHEST DAILY MEAN	3500	Nov 29	3500	Nov 29	10100	May 17 1953
LOWEST DAILY MEAN	13	Aug 3	b9.6	Sep 15	3.5	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	13	Sep 29	11	Sep 10	3.9	Sep 1 2000
MAXIMUM PEAK FLOW			4220	Dec 13	23500	Apr 29 1953
MAXIMUM PEAK STAGE			13.32	Dec 13	18.58	Nov 16 1987
INSTANTANEOUS LOW FLOW			8.8	Sep 16	a3.4	Sep 5 2000
INSTANTANEOUS LOW STAGE			2.67	Sep 16	1.08	Sep 29 1956
ANNUAL RUNOFF (AC-FT)	61530		50010		46280	
ANNUAL RUNOFF (CFSM)	1.67		1.35		1.25	
ANNUAL RUNOFF (INCHES)	22.63		18.39		17.02	
10 PERCENT EXCEEDS	128		91		94	
50 PERCENT EXCEEDS	29		26		29	
90 PERCENT EXCEEDS	15		13		13	

a Also occurred Sep. 6, and 7, 2000.
b Also occurred Sep. 16

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.78	2.87	3.91	3.22	3.41	3.76	3.61	3.02	3.01	2.91	2.82	2.77
2	2.78	2.87	3.58	3.20	3.28	4.68	3.36	3.00	2.97	3.09	2.79	2.81
3	2.78	2.86	3.45	3.19	3.23	3.56	3.28	2.99	2.94	3.15	2.78	2.76
4	2.78	2.86	3.35	3.18	3.21	3.39	3.22	2.99	2.92	3.00	2.77	2.75
5	2.77	2.85	3.29	3.29	3.66	3.34	3.19	3.00	2.91	2.97	2.75	2.74
6	2.79	2.84	3.26	3.57	6.12	3.31	3.18	2.98	2.91	2.91	2.77	2.74
7	2.78	2.83	3.24	3.33	4.00	3.30	3.17	2.96	2.97	2.87	2.77	2.77
8	2.77	2.83	3.25	3.26	3.55	3.27	6.08	2.95	2.90	2.86	2.76	2.79
9	2.77	2.83	3.24	3.23	3.44	3.26	6.55	2.95	2.89	2.84	2.75	2.79
10	2.77	2.83	3.19	3.22	3.48	3.23	3.71	2.95	3.00	2.83	2.73	2.77
11	2.97	2.84	3.17	3.20	3.40	3.22	3.49	2.95	3.08	2.86	2.72	2.74
12	3.17	2.84	3.20	3.18	3.34	3.38	3.39	2.94	2.96	2.87	2.73	2.72
13	5.39	2.84	6.58	3.17	3.30	3.34	3.34	3.01	2.92	2.87	2.70	2.71
14	4.08	2.84	10.38	3.16	3.26	3.27	3.29	3.01	2.90	2.86	2.74	2.70
15	3.26	2.83	4.44	3.14	3.25	3.24	3.26	2.96	2.88	2.85	2.85	2.69
16	3.10	2.82	3.71	3.14	3.24	3.57	3.22	2.94	2.88	2.98	2.91	2.69
17	3.02	2.83	5.22	3.14	3.23	3.42	3.19	3.06	2.91	3.02	2.85	2.86
18	2.99	2.83	3.98	3.21	3.21	3.29	3.17	3.20	2.89	2.91	2.82	2.95
19	2.98	2.83	3.56	3.38	3.55	3.24	3.16	3.03	2.88	2.86	2.80	2.88
20	2.96	2.82	3.43	3.38	7.30	3.30	3.14	2.97	2.91	2.83	2.79	3.58
21	2.94	2.82	3.37	3.26	3.83	3.67	3.12	2.95	2.93	2.82	2.79	3.20
22	2.97	2.83	3.37	3.24	3.59	3.36	3.11	2.94	2.89	2.81	2.92	2.97
23	2.98	2.84	5.57	3.41	3.47	3.27	3.13	2.93	2.86	2.80	2.88	2.87
24	2.95	2.92	3.75	3.42	3.39	3.24	3.12	2.92	2.91	2.79	2.83	2.82
25	2.98	3.00	3.49	3.91	3.33	3.22	3.08	2.93	3.00	2.88	2.81	2.86
26	2.96	2.92	3.40	3.42	3.29	3.46	3.06	2.96	3.11	2.90	2.79	2.93
27	2.93	4.23	3.34	3.31	3.25	3.35	3.06	3.31	3.12	2.85	2.79	2.91
28	2.92	7.54	3.33	3.27	3.24	3.27	3.06	3.06	3.09	2.83	2.76	2.86
29	2.91	12.69	3.30	3.26	---	3.27	3.04	3.00	2.97	2.81	2.74	2.83
30	2.90	8.38	3.26	3.24	---	3.22	3.04	3.11	2.93	2.89	2.74	2.82
31	2.88	---	3.23	3.32	---	3.92	---	3.06	---	2.86	2.74	---
MAX	5.39	12.69	10.38	3.91	7.30	4.68	6.55	3.31	3.12	3.15	2.92	3.58
MIN	2.77	2.82	3.17	3.14	3.21	3.22	3.04	2.92	2.86	2.79	2.70	2.69

07373000 BIG CREEK AT POLLOCK, LA--Continued

PERIOD OF RECORD.--Water years 1943, 1959, 1965 to 1996, 2001 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1964 to September 1973, October 1974 to September 1976.

REMARKS.--All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

EXTREMES FOR PERIOD OF DAILY RECORD.-- WATER TEMPERATURES:Maximum,31°C July 30 to Aug. 1, 1976; minimum, 2.0°C Jan. 15, 1969, Jan. 10, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
OCT													
17...	1030	3.03	9.2	6.7	42	18.0	10	2.50	.89	1.60	3.7	10	6.10
JAN													
15...	1145	3.14	--	6.3	43	11.7	8	1.90	.76	1.10	4.2	7	6.00
MAY													
01...	1040	3.02	6.2	6.7	45	23.4	8	2.00	.81	1.20	4.4	5	8.90

Date	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT													
17...	<.1	3.70	17.0	50	45	.02	<.20	.06	<.010	.03	.01	E.04cl	176
JAN													
15...	<.1	2.30	19.0	43	40	E.04	.22	E.04	<.008	<.06	<.02	<.06	14k
MAY													
01...	<.1	1.50	20.0	47	43	.04	.20	.05	<.010	.02	<.01	.02	70k

Date	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)
OCT													
17...	--	51	47.0	<1	227	1	116	<2	1.4	<1	<1.0	22.0	<1
JAN													
15...	17k	19	31.0	<1	160	1	54	<2	1.0	<1	<1.0	17.0	<1
MAY													
01...	280k	26	36.0	<1	330	1	67	<2	<1.0	<1	<1.0	19.0	<1

Value qualifier codes used in this report:
c -- See laboratory comment
k -- Counts outside acceptable range
l -- Sample lab preparation problem

E Estimated value.
< Actual value is known to be less than the value shown.

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T. 3 S., R. 11 E., Pointe Coupee-West Feliciana Parish line, Hydrologic Unit 08070100, at State Highway 10 Ferry Crossing, 2.0 mi southwest of St. Francisville, and at mile 266.0.

DRAINAGE AREA.--1,125,300 mi^2, contributing.

PERIOD OF RECORD.--Water years 1954 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to April 17, 1990.
WATER TEMPERATURES: August 1954 to September 1972, October 1974 to April 17, 1990.
SULFATE: October 1974 to September 1978.
CHLORIDE: October 1974 to April 17, 1990.
DISSOLVED SOLIDS: October 1978 to April 17, 1990.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 683 micromhos Oct. 16, 1955; minimum daily, 173 micromhos Apr. 15, 1955.
WATER TEMPERATURES: Maximum daily, 32.0°C July 24, 1983; minimum daily, 1.0°C Jan. 29, 30, 1961, Dec. 25, 1989.
SULFATE: Maximum daily, 90 mg/L Oct. 14, 1957; minimum daily, 21 mg/L May 20, 1978.
CHLORIDE: Maximum daily, 63 mg/L July 5, 1977; minimum daily, 7.2 mg/L Nov. 2, 1984.
DISSOLVED SOLIDS: Maximum, 321 mg/L Jan. 21-31, 1981; minimum, 125 mg/L Mar. 1-10, 1989.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
OCT													
30...	1000	323000	383	8.0	17.7	10	36	7.7	2.5	--	88	130	34.0
DEC													
18...	1130	678000	272	7.7	12.3	30	94	--	--	1320	300	--	--
JAN													
22...	1115	361000	346	7.2	6.9	15	55	11.0	2.6	829	220	140	35.8
FEB													
04...	1100	711000	310	7.5	10.0	20	140	10.3	1.6	210	120	--	--
18...	1100	668000	266	7.7	10.3	30	99	10.3	2.2	145	130	100	27.7
MAR													
13...	0930	411000	387	7.8	8.6	10	48	--	3.1	180	58	150	39.9
25...	1100	626000	311	7.3	11.5	30	160	9.6	1.1	625	144	--	--
APR													
10...	1100	1000000	264	7.3	13.5	20	57	8.7	1.4	240	96	98	26.6
22...	1130	876000	296	7.2	19.1	20	44	7.0	--	62	170	120	32.3
MAY													
07...	1030	775000	331	7.7	19.8	20	120	7.4	.3	100	66k	140	35.4
28...	1000	929000	288	7.4	20.7	30	73	6.3	1.0	530	100	120	32.1
JUN													
11...	1030	910000	280	7.3	25.2	20	28	5.4	--	110	73	--	--
AUG													
05...	1000	248000	430	7.9	30.3	20	33	8.1	1.2	45k	18k	170	43.6
19...	1000	208000	443	7.9	29.3	20	41	8.6	.8	33k	24k	--	--
SEP													
09...	1000	240000	414	8.0	28.6	20	65	7.5	.7	32k	21k	--	--

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT													
30...	11.6	21.4	4.51	102	101	52.5	23.7	.1	5.24	232	218	<.008	.86
DEC													
18...	7.83	12.4	3.42	80	79	34.0	16.6	.2	4.96	176	--	.020	.87
JAN													
22...	11.6	13.7	3.03	107	108	36.7	17.1	.2	7.40	216	196	.008	1.22
FEB													
04...	8.13	11.0	2.32	83	84	34.5	13.7	.2	4.77	180	--	.014	1.14
18...	7.92	10.3	2.58	76	76	30.1	14.1	.1	5.37	164	150	.015	1.25
MAR													
13...	13.0	15.8	2.77	99	120	38.4	20.8	.2	5.50	234	205	<.008	1.90
25...	8.04	9.90	1.98	87	86	30.4	16.9	.1	3.95	188	--	.021	1.47
APR													
10...	7.52	9.27	2.25	76	77	28.0	13.1	.2	5.18	159	143	.017	1.04
22...	10.4	12.5	2.44	86	87	33.5	16.1	.1	4.51	180	170	.025	1.32
MAY													
07...	11.5	13.0	2.80	105	107	38.7	16.5	E.1n	5.16	204	194	<.008	1.52
28...	8.83	9.52	3.22	80	82	27.8	13.2	.2	5.97	177	156	.008	1.25
JUN													
11...	10.5	10.3	3.17	89	90	28.8	13.0	E.1n	7.16	184	--	--r	--r
AUG													
05...	15.1	18.9	3.19	127	129	49.3	18.8	.2	4.44	249	236	<.008	1.17
19...	--	18.0	2.92	134	136	48.4	18.8	.2	3.81	258	--	<.008	.68
SEP													
09...	--	16.2	2.66	119	121	43.6	20.2	.2	4.34	231	--	<.008	.94

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)
OCT													
30...	<.04	.62	.27	.21	.102	.091	--	--	1.6	--	--	65	--
DEC													
18...	<.04	.68	.32	.28	.096	.081	7	.07	.9	43	<.06	33	E.03
JAN													
22...	.05	.59	.29	.180	.056	.050	--	--	1.0	--	--	45	--
FEB													
04...	E.03	.76	.25	.36	.054	.050	--	--	.6	--	--	34	--
18...	E.03	.63	.31	.23	.060	.052	--	--	.7	--	--	24	--
MAR													
13...	E.03	.60	.24	.170	.059	.045	--	--	.8	--	--	40	--
25...	E.02	.94	.30	.38	.055	.047	--	--	.6	--	--	27	--
APR													
10...	<.04	.54	.25	.174	.048	.037	7	.11	.7	37	<.06	24	<.04
22...	<.04	.53	.26	.167	.056	.045	--	--	.4	--	--	28	--
MAY													
07...	<.04	.83	.27	.29	.067	.056	--	--	1.0	--	--	28	--
28...	<.04	.56	.26	.20	.064	.054	--	--	1.2	--	--	29	--
JUN													
11...	--r	.46	.32	E.161	.073	--r	--	--	1.4	--	--	29	--
AUG													
05...	<.04	.55	.24	.171	.083	.070	3	.29	1.8	64	<.06	55	E.03
19...	<.04	.54	.23	.186	.080	.067	--	--	1.9	--	--	43	--
SEP													
09...	<.04	.60	.24	.21	.107	.095	6	.29	1.6	47	<.06	50	E.02

Date	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
OCT													
30...	--	--	--	<10	--	6.6	--	--	--	.5	--	178	1.9
DEC													
18...	<.8	.15	2.2	21	.18	4.1	4.5	1.2	1.87	E.3	<1	123	1.4
JAN													
22...	--	--	--	E9	--	4.3	--	--	--	.5	--	165	2.5
FEB													
04...	--	--	--	E6	--	2.9	--	--	--	E.3	--	115	.7
18...	--	--	--	E9	--	2.3	--	--	--	.5	--	112	.9
MAR													
13...	--	--	--	<10	--	4.7	--	--	--	.5	--	151	.2
25...	--	--	--	E8	--	2.7	--	--	--	E.2	--	92.1	.6
APR													
10...	<.8	.12	1.3	E9	<.08	2.2	3.5	.9	1.69	.5	<1	106	1.3
22...	--	--	--	E9	--	3.6	--	--	--	.4	--	132	1.3
MAY													
07...	--	--	--	<10	--	3.8	--	--	--	.5	--	139	1.2
28...	--	--	--	E6	--	2.7	--	--	--	.4	--	127	1.5
JUN													
11...	--	--	--	E5	--	3.1	--	--	--	.4	--	123	2.0
AUG													
05...	<.8	.14	2.0	<10	E.08	7.7	2.1	2.5	1.52	.7	<1	175	2.1
19...	--	--	--	<10	--	6.7	--	--	--	.4	--	153	2.4
SEP													
09...	<.8	.13	1.6	<10	.11	7.1	3.9	2.2	2.15	.5	<1	126	2.6

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
OCT													
30...	--	--	4.5	.2	1.4	1.3	<.010	<.002	.050	E.01	E.036	<.018	<.003
DEC													
18...	--	.52	4.5	.1	3.1	3.0	<.010	<.002	.402	E.01	E.021	<.018	<.003
JAN													
22...	--	--	3.9	<.1	2.0	2.0	<.010	<.002	.108	<.01	E.022	<.018	<.003
FEB													
04...	--	--	3.2	<.1	4.6	4.5	<.010	<.002	.079	E.01	E.023	<.018	<.003
18...	--	--	3.8	<.1	3.3	3.3	<.010	<.002	.104	E.01	E.026	<.018	<.003
MAR													
13...	--	--	3.5	<.1	2.5	2.5	<.010	<.002	.061	<.01	E.011	<.018	<.003
25...	--	--	3.7	<.1	5.3	5.2	<.010	<.002	.109	E.01n	E.012	<.018	<.003
APR													
10...	2	.41	3.7	.1	2.1	2.0	<.010	<.002	.059	Mn	E.009	<.018	<.003
22...	--	--	3.6	<.1	2.6	2.6	<.010	<.002	.053	E.01n	E.012	<.018	<.003
MAY													
07...	--	--	3.9	<.1	4.9	4.8	<.010	<.002	.253	E.01n	E.060	<.018	<.003
28...	--	--	4.4	<.1	2.4	2.3	<.010	<.002	.254	E.01n	E.139	E.010n	<.003
JUN													
11...	--	--	4.4	<.1	1.4	1.4	<.010	<.002	.158	E.01n	E.135	<.018	<.003
AUG													
05...	2	1.44	3.7	<.1	2.2	2.2	<.010	<.002	.050	E.01n	E.080	E.018n	<.003
19...	--	--	3.6	<.1	2.1	2.0	<.010	<.002	.030	E.01n	E.053	<.018	<.003
SEP													
09...	1	.89	3.9	<.1	2.4	2.3	<.010	<.002	.021	E.01n	E.072	<.018	<.003

Date	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
OCT													
30...	<.005	<.003	<.005	<.004	<.005	.039	E.005	<.007	E.004	.137	<.002	.014	<.006
DEC													
18...	<.005	<.003	<.005	<.004	<.005	.024	<.027	<.007	<.005	.082	<.002	<.004	<.006
JAN													
22...	<.005	<.003	<.005	<.004	<.005	.030	<.027	<.010	<.005	.072	<.004	.016	<.006
FEB													
04...	<.005	<.003	<.005	<.004	<.005	.021	<.027	<.010	<.005	.060	<.004	<.006	<.006
18...	<.005	<.003	<.005	<.004	<.005	.033	<.027	<.010	<.005	.087	<.006	.009	<.006
MAR													
13...	<.005	<.003	<.005	<.004	<.005	.053	<.027	<.010	<.005	.084	<.004	.029	<.006
25...	<.005	<.003	<.005	<.004	<.005	.070	<.027	<.010	E.004n	.225	<.004	.009	<.006
APR													
10...	<.005	<.003	<.005	<.004	<.005	.043	<.027	<.010	E.003n	.162	<.004	<.006	<.006
22...	<.005	<.003	<.005	<.004	<.005	.062	<.027	<.010	E.004n	.310	.009	.010	<.006
MAY													
07...	<.005	<.003	<.005	<.004	<.005	.330	<.027	<.010	.007	2.10	.021	.149	<.008
28...	<.005	<.003	<.005	<.004	<.005	.516	<.027	<.010	.006	2.70	.025	.324	.012
JUN													
11...	<.005	<.003	<.005	<.004	<.005	.444	E.007n	<.010	E.005n	1.68	.015	.227	.009
AUG													
05...	<.005	<.003	<.005	<.004	<.005	.114	<.027	<.010	<.005	.919	<.008	.029	<.006
19...	<.005	<.003	<.005	<.004	<.005	.057	<.027	<.010	<.005	.491	<.004	.016	<.006
SEP													
09...	<.005	<.003	<.005	<.004	<.005	.048	E.006n	<.010	<.005	.325	.005	.012	<.006

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
OCT													
30...	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	E.01	<.002	<.005	<.010
DEC													
18...	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.02	<.002	<.005	<.010
JAN													
22...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
FEB													
04...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
18...	<.006	E.003	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
MAR													
13...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
25...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
APR													
10...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
22...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
MAY													
07...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.008	E.01n	<.002	<.005	<.010
28...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
JUN													
11...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
AUG													
05...	<.006	<.009	<.009	<.011	<.034	E.011n	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
19...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
SEP													
09...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010

Date	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
OCT													
30...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.02	<.050
DEC													
18...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.02	<.050
JAN													
22...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
FEB													
04...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
18...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
MAR													
13...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
25...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
APR													
10...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
22...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
MAY													
07...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
28...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
JUN													
11...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
AUG													
05...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
19...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
SEP													
09...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
30...	<.006	4.2	120	105000	79
DEC					
18...	<.006	2.1	242	443000	70
JAN					
22...	<.006	3.5	138	135000	81
FEB					
04...	<.006	3.1	350	672000	69
18...	<.006	2.9	258	465000	60
MAR					
13...	<.006	6.4	84	93200	80
25...	<.006	3.1	425	718000	77
APR					
10...	<.006	4.9	145	392000	54
22...	<.006	5.2	145	343000	50
MAY					
07...	<.006	3.9	246	515000	73
28...	<.006	3.1	160	401000	60
JUN					
11...	<.006	--	93	229000	47
AUG					
05...	<.006	12.7	75	50200	93
19...	<.006	49.0	88	49400	98
SEP					
09...	<.006	7.9	97	62900	95

Date	ANTIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	BARIUM SED. SUSP. (UG/G) (29820)	BERYLLIUM SED. SUSP. (UG/G) (29822)	CADMIUM SED. SUSP. (UG/G) (29826)	CHROMIUM SED. SUSP. (UG/G) (29829)	COPPER SED. SUSP. (UG/G) (29832)	LEAD SED. SUSP. (UG/G) (29836)	MANGANESE SED. SUSP. (UG/G) (29839)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYBDENUM SED. SUSP. (UG/G) (29843)	NICKEL SED. SUSP. (UG/G) (29845)	SELENIUM SED. SUSP. (UG/G) (29847)
DEC													
18...	.6	8.6	670	1	.4	69	20	20	900	.18	3	38	M
APR													
10...	.6	7.9	610	1	.3	54	15	19	700	<.01	2	33	M
AUG													
05...	.8	6.8	600	2	.3	74	25	25	1900	.08	3	42	1
SEP													
09...	1.0	10	670	2	.7	73	240	34	2000	.24	2	47	1

Date	SILVER SED. SUSP. (UG/G) (29850)	VANADIUM SED. SUSP. (UG/G) (29853)	ZINC SED. SUSP. (UG/G) (29855)	ALUMINUM SED,SUS PERCENT (30221)	CARBON SED. SUSP. PERCENT (30244)	IRON SEDIMENT SUSP. PERCENT (30269)	PHOSPHORUS SEDIMENT SUSP. PERCENT (30292)	TITANIUM SEDIMENT SUSP. PERCENT (30317)	COBALT SEDIMENT SUSP. (UG/G) (35031)	STRONTIUM SEDIMENT SUSP. (UG/G) (35040)	URANIUM SEDIMENT SUSP. (UG/G) (35046)	LITHIUM SEDIMENT SUSP. (UG/G) (35050)	THALLIUM SUS SED (UG/G) (49955)
DEC													
18...	<.5	83	98	5.9	1.3	2.6	.090	.340	11	130	<50	29	<50
APR													
10...	<.5	66	92	5.1	1.3	2.1	.070	.270	10	140	<50	26	<50
AUG													
05...	<.5	87	110	5.9	2.5	3.0	.120	.360	14	130	<50	33	<50
SEP													
09...	<.5	100	180	6.5	2.1	3.3	.110	.430	16	130	<50	35	<50

Date	SEDIMENT SUSP., FLOW-THROUGH CENTRIF (MG/L) (50279)	CARBON, ORGANIC SUS-PENDED, TOTAL PERCENT (50465)
DEC		
18...	249	1.2
APR		
10...	168	1.6
AUG		
05...	84	2.4
SEP		
09...	108	2.2

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:
k -- Counts outside acceptable range
n -- Below the NDV

Null value qualifier codes used in this report:
r -- Sample ruined in preparation

073745253 REGGIO CANAL NEAR WILLS POINT, LA

LOCATION.--Lat 29°47'03", long 89°56'15", T. 14 S., R. 14. E.,Plaquemines Parish, Hydrologic Unit 08090203, on a four-pile platform 6 miles southwest of Caernarvon.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.77 ft, Sept. 26, 2002; minimum, -1.17 ft, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.77 ft, Sept. 26; minimum, -0.34 ft, Feb. 27.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.49	1.15	1.34	1.24	1.12	1.20	1.22	1.06	1.15	1.22	1.07	1.18
2	1.15	0.96	1.03	1.38	1.24	1.32	1.16	0.92	1.08	1.31	1.17	1.24
3	1.02	0.83	0.90	1.44	1.31	1.38	1.02	0.92	0.97	1.18	0.94	1.06
4	1.01	0.90	0.96	1.47	1.32	1.41	1.22	0.95	1.12	0.96	0.86	0.92
5	1.15	1.00	1.10	1.46	1.31	1.39	1.18	1.01	1.10	1.35	0.87	1.09
6	1.28	1.11	1.20	1.39	1.25	1.34	1.08	0.88	1.01	1.31	1.19	1.28
7	1.34	1.11	1.26	1.31	1.19	1.26	0.98	0.80	0.91	1.19	0.95	1.05
8	1.40	1.24	1.33	1.29	1.18	1.24	0.86	0.67	0.80	0.95	0.88	0.92
9	1.75	1.38	1.56	1.25	1.10	1.19	0.71	0.56	0.65	0.89	0.84	0.87
10	2.05	1.75	1.90	1.15	1.03	1.10	0.66	0.48	0.57	0.99	0.88	0.93
11	2.47	2.05	2.18	1.08	0.98	1.03	0.89	0.54	0.67	1.01	0.93	0.98
12	2.53	2.41	2.46	1.05	0.97	1.02	1.11	0.89	1.05	1.04	0.96	1.00
13	2.61	2.42	2.49	1.24	1.05	1.12	1.23	1.10	1.17	1.04	0.97	1.01
14	2.61	2.26	2.44	1.46	1.24	1.39	1.29	1.17	1.23	1.18	0.97	1.10
15	2.26	2.11	2.15	1.53	1.36	1.47	1.35	1.14	1.27	1.21	1.09	1.15
16	2.13	1.83	2.01	1.39	1.17	1.33	1.53	1.35	1.44	1.22	0.94	1.12
17	1.83	1.61	1.70	1.18	0.93	1.10	1.53	1.44	1.49	0.94	0.81	0.89
18	1.61	1.39	1.51	0.99	0.72	0.90	1.45	1.27	1.38	1.04	0.94	1.01
19	1.44	1.20	1.35	0.94	0.72	0.83	1.36	1.14	1.25	1.07	0.96	1.02
20	1.31	1.12	1.23	0.79	0.53	0.69	1.14	1.05	1.10	1.08	0.93	1.00
21	1.30	1.12	1.21	0.84	0.53	0.72	1.20	1.02	1.08	1.10	1.04	1.07
22	1.29	1.13	1.21	0.99	0.71	0.88	1.27	1.07	1.16	1.07	0.89	0.98
23	1.39	1.16	1.28	1.20	0.93	1.14	1.40	1.22	1.32	0.95	0.73	0.84
24	1.36	1.24	1.30	1.31	1.14	1.24	1.26	1.14	1.19	0.90	0.68	0.80
25	1.30	1.20	1.25	1.24	1.12	1.16	1.16	1.00	1.09	0.95	0.70	0.78
26	1.42	1.23	1.33	1.17	1.09	1.13	1.10	0.87	1.00	1.11	0.95	1.06
27	1.41	1.11	1.26	1.21	1.09	1.13	0.87	0.69	0.76	1.23	1.11	1.20
28	1.20	1.05	1.13	1.39	1.21	1.33	0.94	0.72	0.85	1.35	1.23	1.32
29	1.12	1.00	1.04	1.53	1.39	1.48	1.10	0.89	0.99	1.51	1.33	1.45
30	1.11	1.03	1.07	1.44	1.12	1.26	1.13	0.96	1.07	1.66	1.51	1.61
31	1.13	1.07	1.10	---	---	---	1.20	1.05	1.13	1.82	1.66	1.75
MONTH	2.61	0.83	1.46	1.53	0.53	1.17	1.53	0.48	1.07	1.82	0.68	1.09

073745253 REGGIO CANAL NEAR WILLS POINT, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.90	1.82	1.88	1.33	0.26	0.77	1.07	0.85	0.93	0.77	0.47	0.60
2	1.88	1.80	1.84	1.64	1.30	1.53	1.18	0.93	1.04	0.67	0.42	0.54
3	1.80	1.71	1.75	1.62	1.06	1.34	1.18	0.96	1.04	0.70	0.49	0.59
4	1.71	1.62	1.66	1.06	0.81	0.86	0.99	0.81	0.89	0.70	0.44	0.55
5	1.75	1.61	1.65	0.99	0.80	0.87	0.90	0.65	0.76	0.62	0.38	0.48
6	1.89	1.75	1.85	1.18	0.99	1.07	0.92	0.70	0.78	0.83	0.62	0.69
7	1.85	1.71	1.78	1.37	1.18	1.26	1.10	0.86	0.94	0.87	0.76	0.82
8	1.71	1.63	1.67	1.54	1.37	1.45	1.54	1.10	1.29	0.95	0.87	0.90
9	1.64	1.61	1.63	1.62	1.54	1.59	1.78	1.53	1.70	0.92	0.84	0.87
10	1.64	1.58	1.62	1.62	1.58	1.60	1.78	1.64	1.72	1.05	0.80	0.92
11	1.59	1.45	1.54	1.68	1.60	1.64	1.64	1.55	1.58	1.17	0.96	1.07
12	1.45	1.34	1.40	1.73	1.65	1.70	1.62	1.54	1.58	1.22	1.05	1.14
13	1.36	1.28	1.32	1.67	1.44	1.58	1.61	1.50	1.54	1.19	0.90	1.02
14	1.31	1.27	1.29	1.61	1.48	1.55	1.51	1.39	1.44	1.03	0.72	0.85
15	1.28	1.08	1.23	1.72	1.61	1.67	1.39	1.25	1.31	1.24	0.99	1.09
16	1.08	0.66	0.86	1.76	1.72	1.73	1.30	1.18	1.25	---	---	---
17	0.66	0.42	0.50	1.76	1.74	1.75	1.29	1.15	1.21	1.31	1.14	1.22
18	0.77	0.34	0.50	1.77	1.63	1.72	1.22	1.06	1.13	1.21	0.89	1.02
19	1.15	0.77	0.95	1.63	1.48	1.52	1.13	0.91	1.02	1.06	0.87	0.92
20	1.24	1.10	1.17	1.51	1.38	1.42	1.03	0.81	0.92	1.17	1.06	1.11
21	1.22	1.09	1.16	1.38	1.08	1.20	0.90	0.66	0.77	1.17	1.06	1.10
22	1.22	0.90	1.05	1.08	0.78	0.90	0.75	0.50	0.62	1.14	1.02	1.08
23	0.92	0.62	0.76	0.90	0.75	0.83	0.96	0.58	0.76	1.17	1.05	1.10
24	0.74	0.57	0.66	0.97	0.79	0.88	1.01	0.87	0.94	1.31	1.11	1.20
25	0.78	0.63	0.71	1.16	0.97	1.10	0.87	0.72	0.78	1.36	1.19	1.29
26	0.83	0.26	0.62	1.27	1.01	1.17	1.09	0.71	0.93	1.37	1.23	1.31
27	0.26	-0.34	-0.08	1.01	0.86	0.93	1.21	1.01	1.10	1.36	1.23	1.30
28	0.26	-0.33	0.0	0.95	0.87	0.91	1.20	1.02	1.09	1.36	1.22	1.29
29	---	---	---	0.90	0.76	0.84	1.04	0.79	0.89	1.39	1.25	1.32
30	---	---	---	0.96	0.64	0.77	0.89	0.63	0.75	1.43	1.30	1.37
31	---	---	---	0.98	0.78	0.89	---	---	---	1.46	1.36	1.41
MONTH	1.90	-0.34	1.18	1.77	0.26	1.26	1.78	0.50	1.09	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.47	1.38	1.42	1.30	1.18	1.22	0.78	0.63	0.71	1.58	1.34	1.46
2	1.39	1.24	1.30	1.20	1.08	1.12	1.01	0.55	0.72	1.70	1.54	1.62
3	1.26	1.12	1.18	1.09	0.89	0.98	1.26	0.88	1.06	1.75	1.60	1.68
4	1.17	1.08	1.13	0.89	0.76	0.81	1.56	1.19	1.36	1.81	1.70	1.75
5	1.28	1.13	1.20	0.76	0.64	0.69	1.64	1.55	1.61	1.81	1.71	1.75
6	1.32	1.22	1.27	0.92	0.58	0.73	1.60	1.43	1.49	1.77	1.65	1.70
7	1.28	1.19	1.23	1.06	0.84	0.94	1.47	1.30	1.37	2.11	1.77	1.92
8	1.26	1.17	1.22	1.22	0.91	1.05	1.42	1.16	1.28	2.38	2.11	2.23
9	1.47	1.19	1.29	1.29	1.11	1.19	1.62	1.38	1.48	2.40	2.30	2.36
10	1.61	1.45	1.52	1.38	1.17	1.25	1.81	1.62	1.71	2.30	2.09	2.22
11	1.67	1.57	1.61	1.44	1.30	1.37	1.95	1.81	1.87	2.09	1.81	1.96
12	1.70	1.60	1.64	1.45	1.31	1.37	1.96	1.86	1.93	1.81	1.58	1.69
13	1.64	1.53	1.57	1.42	1.26	1.33	1.86	1.67	1.77	1.83	1.58	1.71
14	1.55	1.35	1.45	1.31	1.12	1.21	1.67	1.39	1.53	1.97	1.83	1.91
15	1.35	1.22	1.27	1.12	0.86	0.97	1.51	1.33	1.42	1.93	1.70	1.82
16	1.34	1.19	1.25	0.86	0.72	0.76	1.69	1.36	1.50	1.70	1.44	1.56
17	1.30	1.20	1.24	0.72	0.60	0.66	1.60	1.47	1.55	1.44	1.26	1.33
18	1.41	1.30	1.35	0.74	0.54	0.63	1.57	1.42	1.50	1.30	1.12	1.19
19	1.46	1.39	1.42	0.78	0.61	0.69	1.50	1.36	1.44	1.25	1.00	1.12
20	1.47	1.39	1.42	0.82	0.58	0.69	1.50	1.31	1.42	1.32	1.15	1.23
21	1.48	1.36	1.42	0.89	0.62	0.74	1.48	1.33	1.41	1.45	1.17	1.28
22	1.61	1.44	1.50	0.94	0.70	0.81	1.48	1.32	1.40	1.74	1.45	1.59
23	1.67	1.57	1.62	0.95	0.74	0.85	1.46	1.25	1.34	2.09	1.74	1.90
24	1.68	1.62	1.65	0.93	0.70	0.81	1.37	1.16	1.25	2.93	2.09	2.42
25	1.67	1.60	1.64	1.04	0.72	0.87	1.30	0.80	1.06	4.61	2.93	3.64
26	1.67	1.59	1.62	1.03	0.87	0.95	0.94	0.79	0.88	5.77	4.61	5.38
27	1.60	1.46	1.53	1.02	0.86	0.94	0.91	0.75	0.80	5.03	3.94	4.45
28	1.57	1.44	1.49	0.99	0.83	0.90	0.82	0.68	0.76	3.94	3.18	3.53
29	1.45	1.32	1.37	0.96	0.85	0.90	0.86	0.65	0.77	3.20	2.57	2.85
30	1.36	1.28	1.31	0.89	0.78	0.83	1.13	0.82	1.00	2.57	2.16	2.36
31	---	---	---	0.89	0.75	0.81	1.35	1.10	1.24	---	---	---
MONTH	1.70	1.08	1.40	1.45	0.54	0.94	1.96	0.55	1.31	5.77	1.00	2.12

073745253 REGGIO CANAL NEAR WILLS POINT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1999 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1999 to current year.
WATER TEMPERATURES: January 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 12,800 microsiemens/cm, Feb. 26, 2000; minimum, 340 microsiemens/cm, June 30, 2001.
WATER TEMPERATURE: Maximum, 34.8°C, Aug. 14, 1999; minimum, 2.2°C, Jan. 3,4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 7,330 microsiemens/cm, Sept. 25; minimum, 266 microsiemens/cm, Jan. 1, 2.
WATER TEMPERATURE: Maximum, 34.0°C, July 19, 20; minimum, 4.2°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	617	481	539	599	471	532	1420	1180	1300	276	266	272
2	593	518	559	534	428	453	1330	1160	1240	843	266	417
3	682	589	641	592	425	500	1230	807	1100	351	288	315
4	768	669	730	2460	566	1760	807	491	562	299	290	294
5	803	766	777	2420	1590	1980	618	496	584	596	275	337
6	1080	803	918	2410	1560	2060	817	591	686	703	320	508
7	1540	805	1060	1560	501	799	938	817	887	529	355	426
8	1870	1500	1660	563	472	515	991	911	948	355	308	319
9	3110	1640	2030	557	437	493	1000	940	958	328	295	306
10	4790	3110	3940	658	478	562	1090	997	1050	507	302	375
11	4890	4370	4710	588	473	555	1130	1090	1110	356	307	317
12	5060	3190	4350	540	458	510	1100	417	809	323	309	314
13	4620	2440	3240	502	435	465	417	322	350	316	309	312
14	2540	1640	1960	505	436	464	441	310	352	426	312	356
15	2140	1930	2080	1450	493	799	369	314	325	417	318	368
16	2360	2110	2260	671	485	571	319	305	310	465	327	371
17	2340	2110	2200	688	494	614	330	307	320	532	379	474
18	2360	2240	2300	789	658	719	374	330	351	410	330	356
19	2320	2180	2240	872	752	824	368	345	360	355	336	344
20	2300	1940	2150	977	831	881	382	356	366	385	342	356
21	2120	1880	1980	1020	959	989	386	347	366	401	355	375
22	2160	1990	2050	1080	996	1040	353	310	331	430	353	371
23	2200	1320	1800	1840	1060	1400	475	295	347	624	430	545
24	1600	870	1270	2150	1460	1840	457	317	376	741	495	572
25	1700	1150	1430	2150	1210	1600	382	324	334	741	523	631
26	1480	699	989	1250	1210	1220	508	323	377	545	371	390
27	985	682	835	1250	1070	1160	373	358	364	428	370	381
28	909	633	784	2780	1210	1840	373	324	341	530	413	453
29	838	626	773	3580	2780	3230	327	286	303	486	414	447
30	823	629	699	3520	1360	2360	302	273	280	594	480	546
31	728	575	630	---	---	---	284	270	274	618	591	604
MONTH	5060	481	1730	3580	425	1090	1420	270	570	843	266	402

073745253 REGGIO CANAL NEAR WILLS POINT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	618	570	595	593	456	502	432	379	399	443	410	428
2	613	438	517	1180	567	801	620	395	467	454	424	443
3	438	373	399	1190	909	1100	485	377	415	464	403	431
4	380	375	377	1000	406	791	811	359	542	419	365	397
5	377	353	364	410	346	377	754	501	607	429	398	413
6	363	335	351	367	345	352	624	520	564	455	429	440
7	476	334	388	384	354	371	569	547	560	468	436	449
8	389	340	355	375	361	367	625	545	566	493	404	472
9	356	325	338	363	355	360	664	546	596	446	355	403
10	370	329	353	373	355	364	841	598	716	355	334	341
11	383	303	352	398	373	381	713	520	619	387	345	354
12	352	343	348	438	381	394	713	396	532	403	366	376
13	346	322	336	396	375	386	722	382	515	413	353	363
14	354	346	351	407	392	400	629	524	576	383	352	362
15	358	352	355	397	388	392	801	575	638	426	373	388
16	403	356	379	388	382	384	806	564	640	---	---	---
17	420	403	409	388	383	385	596	503	552	1840	357	986
18	425	420	422	440	382	395	614	535	561	376	331	348
19	441	423	432	457	440	452	776	543	619	521	368	399
20	446	405	432	475	441	455	678	553	608	633	508	587
21	406	334	365	475	422	432	602	530	571	645	426	566
22	390	331	346	446	429	437	590	534	565	636	332	440
23	447	389	422	473	431	445	584	549	563	469	327	383
24	491	433	449	459	432	442	584	481	570	616	344	414
25	451	427	435	470	442	454	481	339	391	1440	433	721
26	460	401	440	451	373	417	455	419	441	1610	341	800
27	448	417	429	429	385	404	675	419	486	1380	310	590
28	460	444	453	437	415	429	711	330	463	596	305	379
29	---	---	---	485	419	436	397	318	353	362	307	325
30	---	---	---	468	434	451	415	390	404	340	305	319
31	---	---	---	469	430	446	---	---	---	346	304	321
MONTH	618	303	400	1190	345	458	841	318	537	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	333	299	314	394	383	387	794	557	620	2340	1640	1910
2	309	294	300	393	383	387	616	519	557	2430	2260	2370
3	338	306	322	414	381	396	675	507	551	2470	2320	2400
4	353	336	344	453	411	429	636	542	584	2420	2240	2350
5	364	351	357	478	445	458	1120	569	905	2390	2260	2340
6	364	303	338	507	462	473	1290	1120	1220	2350	2070	2250
7	303	286	291	508	445	469	1310	1150	1270	3300	2170	2600
8	300	284	292	459	372	392	1150	768	931	4020	3300	3560
9	306	288	300	395	364	381	768	678	701	4230	3090	3930
10	1020	305	351	382	364	375	2250	750	1650	3120	2960	3030
11	3000	615	1510	385	376	381	3010	2250	2800	3120	2450	2730
12	3720	332	1700	398	381	389	2830	2320	2620	2460	2050	2180
13	384	303	325	405	396	400	2340	2000	2160	2610	1840	2130
14	340	308	318	406	392	400	2000	1450	1780	3390	2610	3050
15	373	340	356	406	400	403	1450	1190	1260	3390	3150	3230
16	377	332	355	425	406	414	1280	1100	1180	3160	2750	3030
17	343	328	336	440	425	431	1290	1000	1140	2750	1990	2350
18	339	302	320	460	436	447	1110	1010	1060	1990	1460	1640
19	305	292	299	458	444	451	1030	687	816	1550	1380	1450
20	300	294	297	477	444	457	713	690	700	1620	1510	1540
21	304	296	299	473	429	450	732	704	725	1630	1430	1550
22	306	299	301	467	434	454	805	731	757	3240	1630	2470
23	1570	305	432	471	456	463	835	769	791	4810	3240	4080
24	1890	335	841	470	448	458	815	761	776	6480	4810	5630
25	337	327	331	484	452	464	773	722	752	7330	6480	6950
26	337	326	331	551	469	494	824	719	737	7160	5410	6560
27	356	334	342	576	458	497	856	755	786	5410	3400	4510
28	407	355	388	503	468	482	866	786	823	3400	2710	3010
29	408	378	392	489	465	478	909	818	838	3400	2840	3090
30	394	381	387	479	469	474	980	879	919	5010	3040	3680
31	---	---	---	754	473	517	1640	958	1220	---	---	---
MONTH	3720	284	436	754	364	437	3010	507	1080	7330	1380	3050

073745253 REGGIO CANAL NEAR WILLS POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.1	24.2	24.6	21.9	19.6	20.6	18.3	17.3	17.8	8.4	5.9	7.1
2	25.0	24.2	24.6	23.0	21.4	22.1	18.0	17.0	17.5	7.3	5.1	5.8
3	25.6	24.5	25.0	22.9	21.9	22.5	18.8	17.3	17.9	5.6	4.7	5.2
4	25.8	24.9	25.3	23.3	22.3	22.7	18.9	18.2	18.6	6.5	4.2	5.2
5	26.0	25.4	25.7	22.7	21.5	21.9	19.9	18.5	19.1	8.9	6.4	7.2
6	26.0	24.7	25.7	22.0	20.8	21.4	20.9	19.8	20.2	9.5	8.9	9.2
7	24.7	23.0	23.9	21.7	20.5	21.1	21.8	20.8	21.2	9.3	7.7	8.3
8	23.4	22.0	22.8	21.2	20.5	20.9	22.4	21.1	21.6	8.0	6.3	7.2
9	24.4	22.9	23.6	21.7	20.9	21.2	21.5	19.2	20.1	10.0	7.3	8.4
10	24.7	24.1	24.4	21.5	20.8	21.1	19.2	17.6	18.6	11.2	9.6	10.3
11	24.8	24.4	24.6	21.6	20.8	21.2	17.9	17.2	17.6	11.2	10.4	10.7
12	25.1	24.5	24.7	21.6	20.9	21.2	18.7	17.2	17.7	10.7	9.5	10.1
13	25.4	24.9	25.1	21.5	20.6	21.0	19.2	18.5	18.8	9.5	8.1	8.7
14	24.9	23.0	23.8	21.4	20.2	20.9	19.1	17.6	18.4	10.1	8.8	9.3
15	24.1	22.7	23.4	21.3	20.3	21.0	17.6	15.8	16.4	9.3	7.6	8.6
16	24.0	22.2	23.3	20.7	19.6	20.2	18.9	16.7	17.6	10.8	8.2	9.0
17	22.2	19.1	20.0	20.3	19.4	19.8	19.0	18.2	18.8	13.1	10.8	12.2
18	20.0	18.4	19.2	20.3	19.4	19.8	18.2	16.4	17.0	12.8	11.5	11.9
19	21.3	19.2	20.1	21.0	19.8	20.2	16.9	15.4	16.0	14.4	11.7	12.9
20	22.5	20.8	21.5	20.9	19.4	20.3	15.6	13.1	13.8	13.6	10.0	11.3
21	23.2	22.2	22.6	19.4	18.0	18.5	13.8	12.3	13.0	12.4	9.8	10.6
22	24.2	23.1	23.5	18.3	17.6	17.9	15.9	13.2	14.1	16.6	12.2	13.4
23	25.2	24.0	24.5	19.1	17.7	18.3	16.3	15.3	16.0	20.5	16.6	18.9
24	26.2	25.1	25.6	20.6	19.1	19.8	15.3	12.6	13.4	22.6	20.3	21.3
25	25.9	25.1	25.7	20.9	20.1	20.5	12.6	10.5	11.1	22.0	18.0	20.4
26	25.1	22.9	23.6	21.8	20.5	21.1	10.6	9.1	10.0	18.0	11.4	13.2
27	22.9	18.6	20.6	22.3	21.6	21.9	10.4	8.8	9.6	11.7	10.4	11.0
28	18.6	16.9	17.8	23.0	22.0	22.5	11.2	9.5	10.2	12.6	11.0	11.7
29	17.5	16.2	16.9	23.0	21.5	22.5	13.2	10.9	11.8	14.5	12.1	12.9
30	18.6	17.1	17.9	21.5	18.0	19.5	13.2	10.9	11.7	15.6	13.4	14.3
31	20.1	18.4	19.3	---	---	---	11.1	8.4	9.4	17.3	14.8	15.7
MONTH	26.2	16.2	22.9	23.3	17.6	20.8	22.4	8.4	16.0	22.6	4.2	11.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.4	13.1	15.6	11.9	10.9	11.4	23.6	21.7	22.5	29.6	27.5	28.6
2	13.1	10.4	11.4	14.4	11.6	12.9	23.5	21.4	22.4	29.8	27.6	28.7
3	11.9	11.2	11.6	14.4	9.9	12.4	25.0	23.2	24.0	29.9	27.9	29.1
4	11.9	11.2	11.4	9.9	6.7	7.9	23.6	21.3	22.5	30.7	28.6	29.6
5	11.2	9.1	10.0	11.6	7.3	9.1	22.0	20.2	21.0	31.1	29.0	30.0
6	10.0	9.0	9.5	12.9	9.5	11.2	21.5	20.0	20.6	31.6	29.7	30.4
7	10.0	8.9	9.4	14.5	11.1	12.7	21.6	19.7	20.6	31.5	29.4	30.2
8	10.4	8.3	9.0	15.5	12.5	14.0	22.0	20.9	21.4	30.8	29.2	29.8
9	12.0	9.9	10.7	16.5	14.2	15.2	21.4	20.1	20.5	30.7	28.2	29.4
10	12.8	11.6	12.1	15.1	11.3	12.7	22.8	20.5	21.3	30.1	28.8	29.5
11	12.6	10.1	11.2	14.3	11.1	12.7	22.8	22.1	22.5	30.6	29.0	29.6
12	12.0	10.0	10.9	16.4	13.8	14.9	23.0	21.8	22.3	30.3	28.0	29.1
13	12.4	11.6	12.0	16.5	13.3	14.8	23.3	22.1	22.7	29.6	27.2	28.4
14	12.4	10.8	11.5	15.2	12.6	13.9	24.1	22.8	23.3	27.2	24.9	25.8
15	12.9	11.4	11.8	18.0	14.8	16.0	25.2	23.1	24.0	26.5	24.8	25.6
16	15.8	12.9	14.2	19.1	17.5	18.2	26.5	24.3	25.4	---	---	---
17	16.5	14.2	15.4	20.4	18.6	19.4	27.4	25.2	26.2	27.8	26.1	26.7
18	16.7	15.3	16.1	23.2	19.0	21.2	28.2	26.1	27.1	26.8	23.9	25.6
19	17.6	16.1	16.7	24.0	22.5	23.3	28.8	26.6	27.6	23.9	21.3	22.6
20	19.0	17.5	18.2	23.8	23.0	23.5	28.6	27.4	28.1	23.8	21.3	22.5
21	20.0	18.1	18.9	23.7	20.9	22.3	29.2	27.2	28.2	24.9	22.4	23.4
22	19.2	16.3	18.1	20.9	17.6	18.6	29.5	27.5	28.5	25.0	22.7	23.7
23	16.3	14.3	15.0	17.8	16.4	17.1	28.8	27.4	28.1	25.8	23.5	24.3
24	16.2	13.6	14.9	19.4	16.3	17.8	29.0	27.0	27.8	26.0	24.7	25.2
25	17.5	14.6	15.9	21.1	18.4	19.7	29.4	26.3	27.9	27.1	25.3	26.1
26	17.4	14.9	16.7	23.1	20.8	21.6	28.9	27.8	28.2	28.3	26.4	27.0
27	14.9	10.9	12.1	21.4	19.5	20.5	28.7	27.5	27.9	29.3	27.1	27.9
28	11.9	10.1	11.2	22.1	20.0	21.1	29.3	27.3	28.1	29.3	27.6	28.3
29	---	---	---	23.0	20.9	21.9	30.0	27.4	28.6	29.6	28.0	28.7
30	---	---	---	24.7	22.6	23.6	30.1	28.3	29.2	28.8	28.1	28.4
31	---	---	---	24.3	23.5	23.9	---	---	---	29.7	27.8	28.5
MONTH	20.0	8.3	13.3	24.7	6.7	17.0	30.1	19.7	24.9	---	---	---

073745253 REGGIO CANAL NEAR WILLS POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.1	28.3	29.1	31.2	30.2	30.7	29.6	28.6	29.1	30.2	29.3	29.7
2	31.2	28.7	29.9	31.4	30.1	30.7	30.1	28.6	29.4	29.5	28.5	28.8
3	31.5	29.6	30.5	31.4	30.5	30.9	30.6	29.2	29.8	28.5	28.1	28.3
4	31.6	30.0	30.7	31.1	30.0	30.6	30.4	29.4	30.0	28.4	27.7	28.0
5	31.6	30.2	30.8	31.1	29.6	30.5	29.4	27.6	28.3	27.9	27.3	27.6
6	31.2	30.3	30.8	32.1	29.9	30.8	28.6	28.2	28.4	28.1	27.6	27.9
7	30.8	29.4	30.2	32.5	30.8	31.6	29.4	28.3	28.7	27.8	27.0	27.3
8	31.0	29.9	30.5	32.1	30.5	31.3	30.4	29.4	30.0	27.2	26.7	26.9
9	30.9	29.8	30.2	31.9	30.5	31.2	30.3	29.5	29.8	28.2	26.9	27.4
10	30.5	29.3	29.9	32.1	30.0	31.1	29.6	28.3	29.0	28.9	27.9	28.2
11	30.7	29.0	29.6	33.1	30.8	31.8	29.4	28.2	28.7	29.8	28.2	28.8
12	30.9	29.5	30.2	32.6	31.6	32.0	28.4	27.6	28.0	29.8	29.0	29.5
13	31.8	29.9	30.8	31.6	30.7	31.1	28.6	27.4	28.0	29.9	29.2	29.5
14	31.3	30.2	30.8	30.8	29.8	30.2	28.6	27.9	28.2	29.8	28.8	29.2
15	31.0	29.2	30.1	30.6	29.3	30.0	28.8	27.9	28.3	30.1	28.9	29.5
16	30.5	29.3	29.8	31.8	29.7	30.6	29.4	28.6	28.9	30.3	29.4	29.8
17	29.4	28.4	28.9	33.2	30.7	31.8	29.4	28.7	29.0	30.0	29.1	29.6
18	29.5	27.8	28.6	32.9	31.7	32.4	29.2	28.7	28.9	29.2	29.0	29.1
19	29.3	27.9	28.7	34.0	31.5	32.6	29.2	28.4	28.9	29.8	29.2	29.4
20	30.2	28.2	29.2	34.0	31.7	32.9	29.8	28.7	29.2	29.8	29.3	29.5
21	30.6	29.0	29.7	33.8	32.0	32.9	30.0	29.4	29.6	30.2	29.6	29.8
22	30.3	29.1	29.6	32.5	30.9	31.6	30.0	29.5	29.7	30.5	29.8	30.3
23	29.4	28.4	28.8	31.8	29.2	30.7	29.6	29.0	29.3	29.9	27.7	28.6
24	28.5	27.8	28.2	32.0	30.2	31.3	30.0	28.9	29.5	28.5	25.4	26.8
25	29.5	28.1	28.7	31.6	30.4	31.0	31.0	29.5	30.2	25.4	24.7	25.0
26	29.6	28.6	29.0	31.1	30.0	30.6	31.7	30.0	30.7	25.4	25.1	25.3
27	29.2	28.2	28.7	31.8	29.6	30.6	31.8	30.4	31.1	26.0	25.1	25.4
28	29.1	27.9	28.5	31.8	30.6	31.3	32.9	30.7	31.6	26.4	25.8	26.0
29	30.5	28.4	29.3	31.1	30.4	30.7	31.8	30.6	31.1	27.0	26.2	26.5
30	31.0	29.6	30.3	30.5	29.3	29.9	31.4	30.6	31.0	27.2	26.8	27.0
31	---	---	---	29.6	28.6	29.1	31.2	30.2	30.6	---	---	---
MONTH	31.8	27.8	29.7	34.0	28.6	31.1	32.9	27.4	29.5	30.5	24.7	28.2

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA

LOCATION.--Lat 29°42'29", long 89°43'10", Plaquemines Parish, Hydrologic Unit 08090203, on a four-pipe platform 8 mile southeast of Delacroix.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage is 3.40 ft below NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.02 ft, Sept. 27, 1998; minimum, -2.14 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.76 ft, Sept. 26; minimum gage height, -1.11 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.72	0.86	1.16	---	---	---	1.75	0.69	1.22	1.53	0.41	0.98
2	1.31	0.90	1.09	---	---	---	1.69	0.40	1.00	1.70	0.19	0.96
3	1.26	0.71	1.00	---	---	---	1.47	0.31	0.92	0.80	-0.71	0.02
4	1.43	0.89	1.25	---	---	---	1.53	0.38	0.98	0.42	-0.45	-0.05
5	1.64	1.14	1.45	---	---	---	1.71	0.59	1.17	1.99	0.11	0.99
6	1.84	1.08	1.41	---	---	---	1.49	0.52	1.04	1.89	-0.37	0.46
7	2.13	1.41	1.72	---	---	---	1.42	0.53	0.98	0.09	-0.84	-0.41
8	1.89	1.34	1.63	---	---	---	1.19	0.63	0.96	0.10	-0.68	-0.25
9	2.59	2.07	2.30	---	---	---	1.14	0.67	0.86	0.50	-0.81	-0.18
10	2.95	2.05	2.53	---	---	---	1.14	0.61	0.82	0.89	-0.49	0.15
11	2.85	2.08	2.47	---	---	---	1.67	0.52	0.98	0.93	-0.31	0.32
12	3.02	1.97	2.61	---	---	---	1.68	0.72	1.19	0.94	-0.20	0.38
13	3.23	1.98	2.68	---	---	---	1.79	0.53	1.14	1.04	-0.14	0.47
14	2.39	1.53	1.83	---	---	---	1.79	0.24	0.96	1.24	0.20	0.75
15	2.70	1.62	2.22	---	---	---	1.85	0.86	1.29	1.15	0.09	0.59
16	2.17	1.08	1.41	---	---	---	1.97	0.80	1.38	0.92	0.10	0.53
17	1.80	1.08	1.55	---	---	---	2.04	0.54	1.27	0.85	-0.01	0.47
18	1.69	0.88	1.33	---	---	---	1.12	0.29	0.73	0.95	0.04	0.50
19	1.83	0.73	1.29	---	---	---	1.29	-0.17	0.52	0.75	-0.43	0.29
20	1.77	0.81	1.31	---	---	---	0.73	-0.10	0.41	1.00	-0.33	0.63
21	1.80	0.86	1.35	---	---	---	1.18	0.57	0.85	0.96	0.19	0.60
22	1.75	0.85	1.31	---	---	---	1.52	0.88	1.07	1.25	0.27	0.75
23	1.84	1.09	1.46	---	---	---	1.68	0.74	1.15	1.20	0.36	0.82
24	1.89	0.89	1.47	---	---	---	1.02	0.74	0.92	1.40	0.28	0.84
25	1.77	1.10	1.42	---	---	---	1.09	0.53	0.82	1.20	0.05	0.63
26	1.98	1.17	1.63	---	---	---	0.97	0.07	0.36	1.30	0.22	0.74
27	1.22	0.49	0.97	1.83	0.94	1.36	0.94	-0.56	0.06	1.47	0.26	0.84
28	1.46	0.55	1.14	2.09	1.35	1.68	1.51	-0.03	0.67	1.51	0.19	0.85
29	1.35	0.71	1.04	2.19	1.26	1.80	1.51	0.19	0.86	1.50	0.29	0.93
30	1.39	0.82	1.14	1.69	0.35	0.96	1.47	0.57	1.04	1.54	0.44	1.02
31	---	---	---	---	---	---	1.60	0.38	1.03	1.55	0.69	1.15
MONTH	---	---	---	---	---	---	2.04	-0.56	0.92	1.99	-0.84	0.54

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.40	-0.10	0.43	2.17	0.92	1.47	1.64	0.37	1.07	1.20	-0.03	0.60
2	0.74	-0.05	0.45	2.64	1.66	2.21	1.71	0.49	1.14	1.37	0.05	0.71
3	0.63	0.19	0.43	1.66	0.13	0.72	1.51	0.58	1.03	1.29	0.17	0.74
4	0.74	-0.20	0.26	0.13	-0.59	-0.27	1.33	0.42	0.87	1.03	0.10	0.60
5	2.37	0.22	1.08	0.56	-0.78	-0.13	1.10	0.16	0.66	1.26	0.11	0.71
6	2.40	1.06	1.64	0.93	-0.49	0.20	1.44	0.38	0.90	1.33	0.53	0.94
7	1.06	-0.29	0.40	1.26	-0.01	0.61	1.67	0.48	0.95	1.24	0.73	1.01
8	1.03	-0.02	0.54	1.56	0.28	0.88	2.04	1.26	1.67	1.27	0.92	1.05
9	1.27	-0.08	0.56	1.56	0.56	0.94	2.36	1.76	2.11	1.20	0.69	0.99
10	1.28	0.04	0.59	1.25	0.24	0.70	1.85	1.20	1.49	1.35	0.80	1.12
11	0.52	-0.25	0.08	1.34	0.51	0.93	1.79	1.17	1.45	1.54	0.83	1.24
12	0.77	-0.26	0.27	1.43	0.38	0.83	1.85	1.36	1.58	1.74	0.81	1.34
13	0.82	-0.24	0.34	0.82	0.23	0.51	1.75	1.13	1.43	1.43	0.16	1.01
14	0.76	0.36	0.53	1.13	0.61	0.90	1.62	0.90	1.37	1.92	-0.04	1.08
15	0.73	0.32	0.58	1.27	0.84	1.07	1.49	0.69	1.12	2.03	0.75	1.46
16	0.73	0.15	0.42	1.18	0.73	0.99	1.59	0.61	1.15	---	---	---
17	0.50	0.05	0.25	1.30	0.67	1.00	1.61	0.60	1.10	1.72	0.76	1.23
18	1.20	0.05	0.70	1.40	0.67	1.09	1.49	0.42	0.99	1.10	0.38	0.76
19	1.82	0.84	1.22	1.60	0.67	1.15	1.46	0.27	0.89	1.71	0.67	1.22
20	1.79	1.09	1.47	1.67	0.95	1.28	1.29	0.25	0.82	1.66	0.93	1.26
21	1.68	0.74	1.26	1.21	0.41	0.86	1.14	0.24	0.73	1.48	0.69	1.11
22	1.36	0.35	0.91	1.20	-0.01	0.62	1.06	-0.06	0.53	1.54	0.55	1.09
23	1.11	0.11	0.65	1.35	0.20	0.78	1.45	0.72	1.13	1.40	1.01	1.20
24	1.24	-0.02	0.61	1.67	0.18	0.87	1.35	0.66	1.01	1.74	1.03	1.42
25	1.37	0.09	0.73	1.67	0.72	1.27	1.05	0.58	0.87	1.85	1.03	1.49
26	1.41	-0.18	0.38	1.66	0.74	1.02	1.75	0.87	1.42	1.94	0.92	1.47
27	0.28	-1.11	-0.54	1.04	0.43	0.80	1.86	0.87	1.44	1.99	0.84	1.44
28	0.92	0.02	0.42	1.14	0.68	0.92	1.56	0.55	1.16	1.98	0.76	1.39
29	---	---	---	1.13	0.30	0.78	1.47	0.26	0.87	2.09	0.88	1.52
30	---	---	---	1.27	0.30	0.87	1.38	0.10	0.75	2.06	0.92	1.49
31	---	---	---	1.35	0.58	0.99	---	---	---	2.09	1.05	1.57
MONTH	2.40	-1.11	0.59	2.64	-0.78	0.87	2.36	-0.06	1.12	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.74	1.03	1.42	1.32	0.69	1.03	1.24	0.65	0.93	2.50	1.83	2.21
2	1.53	0.79	1.22	1.10	0.67	0.89	1.38	0.73	1.17	2.57	1.67	2.15
3	1.50	0.72	1.17	0.96	0.39	0.68	1.96	1.22	1.62	2.62	1.67	2.16
4	1.42	0.84	1.18	0.83	0.14	0.58	2.54	1.45	2.16	2.63	1.65	2.17
5	1.81	1.15	1.44	0.92	0.09	0.52	2.75	1.34	2.14	2.29	1.55	1.93
6	1.72	1.02	1.42	1.32	0.28	0.94	2.10	1.16	1.70	2.46	1.44	2.04
7	1.62	0.73	1.30	1.45	0.37	1.01	1.94	1.08	1.54	3.28	2.23	2.87
8	1.70	0.73	1.27	1.79	0.37	1.28	1.95	0.91	1.52	3.13	2.48	2.83
9	2.15	0.81	1.69	1.79	0.81	1.34	2.68	1.62	2.21	2.64	2.00	2.37
10	2.47	1.47	2.00	2.08	0.75	1.52	2.78	1.99	2.37	2.51	1.58	2.03
11	2.41	1.30	1.86	2.10	1.14	1.61	2.73	2.25	2.38	2.19	1.09	1.68
12	2.16	1.25	1.69	2.05	0.94	1.50	2.25	1.58	1.91	2.04	1.39	1.75
13	2.00	0.94	1.45	1.60	0.80	1.23	1.93	1.19	1.56	2.84	2.02	2.35
14	1.56	0.67	1.08	1.12	0.50	0.76	1.78	0.98	1.39	3.29	1.65	2.45
15	2.05	0.46	1.29	0.86	0.27	0.59	1.99	1.30	1.62	2.18	1.06	1.70
16	1.59	0.66	1.17	0.85	0.33	0.58	2.11	1.25	1.75	1.81	0.89	1.40
17	1.81	0.80	1.33	0.81	0.33	0.56	2.21	1.22	1.73	1.65	0.86	1.28
18	1.81	1.25	1.56	1.08	0.35	0.72	2.13	1.21	1.73	1.48	0.85	1.21
19	1.76	1.32	1.54	1.02	0.23	0.69	1.92	1.14	1.59	1.51	0.91	1.32
20	1.78	1.07	1.48	1.18	0.20	0.80	1.94	1.14	1.64	1.67	1.23	1.51
21	2.03	1.07	1.64	1.25	0.20	0.81	1.95	1.23	1.60	2.11	1.23	1.71
22	2.54	1.38	2.01	1.43	0.25	0.92	1.90	1.24	1.58	2.86	1.98	2.23
23	2.29	1.36	1.90	1.45	0.25	0.85	1.70	1.16	1.44	3.23	2.67	2.91
24	2.24	1.22	1.76	1.51	0.17	0.87	1.67	1.14	1.39	4.09	3.05	3.56
25	2.27	1.05	1.64	1.60	0.22	0.91	1.52	1.05	1.24	6.19	4.09	4.59
26	1.95	0.93	1.41	1.40	0.45	0.92	1.51	1.08	1.29	6.76	3.55	5.23
27	1.73	0.65	1.23	1.34	0.45	0.92	1.33	1.01	1.21	3.55	2.20	2.75
28	1.70	0.71	1.19	1.19	0.43	0.83	1.37	0.97	1.20	2.59	1.74	2.17
29	1.56	0.59	1.11	1.07	0.59	0.83	1.53	1.02	1.27	2.28	1.26	1.76
30	1.44	0.83	1.16	1.01	0.59	0.78	1.82	1.34	1.59	2.14	1.25	1.67
31	---	---	---	1.09	0.64	0.88	2.08	1.66	1.88	---	---	---
MONTH	2.54	0.46	1.45	2.10	0.09	0.91	2.78	0.65	1.62	6.76	0.85	2.27

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1997 to current year.
WATER TEMPERATURES: May 1997 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 34,200 microsiemens/cm, Oct. 8, 1999; minimum, 821 microsiemens/cm, Feb. 17, 2002.
WATER TEMPERATURE: Maximum, 34.8° C, July 17, 2002; minimum, 1.7°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 23,100 microsiemens/cm, Oct. 10; minimum, 821 microsiemens/cm, Feb. 17.
WATER TEMPERATURE: Maximum, 34.8°C, July 17; minimum, 3.7°C, Jan. 3.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11400	7830	9050	---	---	---	11500	9680	10700	6240	5060	5580
2	10100	7240	8870	---	---	---	11200	9210	10300	6630	4190	5550
3	9250	6560	7970	---	---	---	10600	8790	9910	5940	2520	3590
4	9540	8270	9200	---	---	---	10600	9220	9920	4760	2030	3380
5	9860	9060	9490	---	---	---	11100	9660	10400	5500	3080	3970
6	---	---	---	---	---	---	10700	9240	10100	5500	2380	3330
7	---	---	---	---	---	---	10500	9100	9960	3650	1810	2260
8	13700	11500	12800	---	---	---	10200	8810	9800	3630	1630	2580
9	18100	15000	16800	---	---	---	10300	8470	9510	2890	1440	2060
10	23100	18300	20800	---	---	---	10300	8110	9250	2490	1730	2150
11	22300	16800	20100	---	---	---	10300	9080	9710	2330	1640	2080
12	19800	16400	17600	---	---	---	10300	9540	9940	2330	1670	2080
13	20900	15600	17900	---	---	---	10400	9260	9840	2340	1760	2100
14	16900	12800	14600	---	---	---	10500	8190	9220	2410	1840	2200
15	16400	12700	14900	---	---	---	10400	8860	9350	2640	1760	2220
16	14900	11200	13100	---	---	---	10800	9110	9950	2500	1500	2150
17	13900	11100	12900	---	---	---	11300	8170	9700	2270	1310	1970
18	13400	10500	12000	---	---	---	9790	6740	8150	2190	1340	1930
19	12300	10200	11600	---	---	---	8660	5260	7140	2100	981	1570
20	12000	10400	11400	---	---	---	7830	5250	6740	2260	1240	1770
21	11800	11000	11500	---	---	---	7210	6940	7060	1910	1550	1780
22	11700	10900	11400	---	---	---	7180	6970	7050	1940	1500	1740
23	11800	11200	11500	---	---	---	7350	5960	6750	1940	1720	1790
24	12100	10800	11500	---	---	---	6750	5280	5990	2020	1650	1830
25	12100	10800	11400	---	---	---	6770	4310	5520	2450	1550	1900
26	12700	11000	11900	---	---	---	6710	2790	3830	2450	1670	2080
27	11500	9560	10700	12000	10100	11100	5350	2820	3670	2180	1830	2030
28	11600	9560	10900	13200	11300	12000	4640	4060	4380	2330	1700	2040
29	11200	9440	10500	13900	11400	12600	5120	4000	4490	2420	1740	2100
30	10900	9970	10700	11400	9550	10500	5510	4550	5090	2650	1830	2250
31	---	---	---	---	---	---	5930	4860	5370	2870	1980	2420
MONTH	---	---	---	---	---	---	11500	2790	8030	6630	981	2470

MISSISSIPPI RIVER DELTA

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2720	1200	1770	15300	4070	8160	3710	2800	3300	4850	4190	4560
2	2420	1190	1980	17600	12000	15700	4310	3040	3590	5210	4080	4620
3	1960	947	1390	12600	6770	10300	4320	3200	3730	5310	4220	4760
4	2080	936	1490	7130	5750	6330	5110	3270	4110	4870	4080	4560
5	10500	1210	2510	7100	5400	6000	4490	3230	3970	5360	4060	4690
6	10500	3230	5820	6670	5780	6190	5070	3540	4280	5890	4870	5290
7	4350	1810	2690	6730	5920	6390	4750	3820	4320	6350	5340	5750
8	3840	1300	2400	8840	6220	6790	8000	4620	6130	6580	5920	6200
9	2660	1190	1870	8840	6560	7310	9660	6150	8070	7090	5740	6260
10	2710	1250	1960	8100	6350	7090	6150	4880	5410	7530	5740	6760
11	2280	1110	1390	7970	6340	7270	6720	4420	5260	7940	6740	7460
12	2210	1080	1690	7440	4310	6160	7430	5370	6250	9120	7030	8080
13	1830	1080	1550	5750	3550	4630	6900	5060	5910	7720	6550	7250
14	1680	1540	1630	5390	4610	5070	6290	4850	5840	9390	6150	7390
15	1670	1160	1520	5320	3980	5100	5500	4290	5010	11200	6990	9080
16	1600	961	1250	4960	2750	3790	5560	4280	4980	---	---	---
17	1620	821	1170	4340	1970	3120	5290	4320	4930	10900	8300	9500
18	1800	1060	1440	3650	1960	3050	5110	4190	4780	8880	7300	7910
19	8600	1640	3430	3950	2490	3280	4930	4030	4580	9790	7690	8770
20	8860	4260	6580	3830	3160	3560	4710	4040	4450	10600	8560	9450
21	8860	3780	6300	3830	2600	3270	4650	3860	4270	10300	8320	9410
22	7100	3950	5610	3690	2300	2910	4610	3620	4100	10500	8300	9460
23	6890	2880	4470	3500	2600	3020	4820	4230	4430	10700	9240	9940
24	6020	2760	4180	3190	2510	2820	4600	4460	4540	11700	10100	11000
25	6170	3180	4550	4010	2760	3120	4560	4200	4460	12000	10400	11200
26	5870	2420	4000	4020	2840	3290	5540	4540	4960	12100	10200	11200
27	3950	2280	2670	4040	2800	3480	6760	4730	5670	12600	10100	11300
28	4390	3490	3980	4100	3540	3920	5880	4960	5350	12700	10100	11300
29	---	---	---	3940	2490	3390	5330	4460	4930	13700	10500	11900
30	---	---	---	3560	2310	3090	5100	4360	4760	13600	10900	12000
31	---	---	---	3420	3060	3250	---	---	---	14200	11100	12400
MONTH	10500	821	2900	17600	1960	5190	9660	2800	4880	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13100	10900	12100	---	---	---	5520	3230	4280	12800	9930	11100
2	12100	10800	11400	---	---	---	5640	3260	5030	13300	9690	11300
3	11700	10600	11100	9620	7200	8680	7490	5070	6330	13500	10000	11800
4	11600	10500	11000	9190	6570	8240	10900	6050	8540	13900	10600	12200
5	13000	11100	11900	8900	6560	8120	11400	8010	9570	13300	10900	12000
6	13000	11500	12400	8700	6610	8490	9590	7540	8540	13100	10500	12000
7	12600	10900	11900	8690	8360	8540	9550	7090	8140	16900	12500	15100
8	12500	10600	11500	9520	8240	8840	8960	6580	7860	18200	13800	16200
9	14000	10600	12400	10000	8700	9260	13300	8010	10400	16500	14200	15200
10	16000	12200	14400	11200	8940	9920	15500	10000	12600	15600	13300	14300
11	15800	12800	14400	11600	9660	10500	15500	11800	13500	15300	11500	12600
12	15200	13000	14100	11500	9880	10600	13100	11100	12000	13500	11300	12600
13	14400	12600	13500	10600	9560	10200	11300	8880	10300	15400	13100	14200
14	13500	11600	12400	9560	7460	8610	10300	8000	9170	17400	13500	15400
15	13500	10800	12100	8470	6560	7540	10400	8180	9480	15000	11600	13300
16	12700	11300	12100	7820	6170	7070	11000	8950	10000	13200	10400	12000
17	12800	11000	11900	7730	5780	6860	11100	9210	10100	12300	10100	11300
18	13200	11700	12500	7580	6610	7370	10800	9020	9770	11500	9800	10700
19	13200	12400	12800	7530	6040	7150	10200	8710	9440	11100	9550	10600
20	13300	11800	12600	7660	6040	7270	10400	8350	9420	11700	10500	11100
21	13800	11700	12700	7740	6310	7230	9850	8840	9300	13100	10500	11600
22	14200	9200	11700	7920	6230	7230	9490	8660	9080	15300	12700	13500
23	12500	8910	10800	7740	6000	7030	9290	8090	8720	17500	15100	16600
24	11600	8830	10800	7850	5870	6970	9110	7710	8370	18700	17100	18000
25	11500	10100	10900	7780	6040	6930	8450	6850	7540	19200	17100	18100
26	---	---	---	7500	5680	6570	8050	6140	7190	19500	16900	18700
27	---	---	---	7260	5630	6560	8090	6000	7040	16900	12900	14400
28	---	---	---	7000	5490	6360	7920	5920	6940	12900	11100	12100
29	---	---	---	6580	4880	5910	8070	5920	7590	11500	9830	10500
30	---	---	---	5890	4160	5220	8440	7590	8030	11600	9120	10200
31	---	---	---	5760	3770	5000	10100	8440	9130	---	---	---
MONTH	---	---	---	---	---	---	15500	3230	8820	19500	9120	13300

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.9	22.3	23.7	---	---	---	18.5	16.9	17.8	9.5	6.7	7.9
2	25.1	22.9	24.0	---	---	---	18.7	17.2	17.9	6.8	5.2	6.0
3	25.5	23.3	24.4	---	---	---	19.6	17.3	18.4	5.8	3.7	4.9
4	25.7	24.3	25.1	---	---	---	20.7	18.0	19.3	6.6	4.0	5.3
5	26.1	24.7	25.3	---	---	---	21.8	19.1	20.4	7.7	5.3	6.4
6	---	---	---	---	---	---	22.0	20.4	21.2	9.7	7.7	8.8
7	---	---	---	---	---	---	22.9	21.0	21.9	8.9	7.5	8.2
8	23.6	21.3	22.4	---	---	---	23.4	21.4	22.3	8.6	6.2	7.4
9	24.6	22.5	23.5	---	---	---	22.2	18.9	20.1	10.5	7.2	8.9
10	24.6	23.6	24.1	---	---	---	19.2	17.5	18.1	12.4	10.0	11.3
11	25.0	23.9	24.4	---	---	---	18.3	17.1	17.7	15.1	11.8	13.3
12	25.2	24.2	24.6	---	---	---	19.6	17.5	18.6	14.9	13.4	14.1
13	25.7	24.5	24.9	---	---	---	21.4	19.4	20.5	14.1	12.4	13.2
14	24.5	22.3	23.2	---	---	---	20.9	19.8	20.5	14.2	13.1	13.5
15	23.7	22.6	23.2	---	---	---	19.8	18.7	19.3	14.5	12.1	13.3
16	23.3	19.7	22.2	---	---	---	21.6	19.4	20.5	14.7	12.2	13.3
17	19.7	18.0	18.8	---	---	---	21.6	20.0	20.9	15.8	13.0	14.3
18	19.4	16.6	18.1	---	---	---	20.2	18.2	19.3	18.5	14.7	16.3
19	21.1	17.9	19.3	---	---	---	19.1	16.4	18.2	20.6	16.2	18.2
20	22.9	19.5	21.1	---	---	---	16.4	14.6	15.5	16.6	14.8	15.2
21	24.4	21.0	22.7	---	---	---	15.5	13.6	14.7	16.5	14.8	15.5
22	25.8	22.8	24.2	---	---	---	16.4	14.5	15.3	17.6	15.7	16.5
23	26.8	23.7	25.2	---	---	---	16.8	15.0	16.3	20.1	17.6	19.1
24	27.2	24.9	26.0	---	---	---	15.0	13.0	13.9	22.1	19.8	21.0
25	26.3	22.6	24.8	---	---	---	13.0	11.4	12.1	21.2	18.2	19.2
26	22.9	19.7	21.6	---	---	---	11.8	9.3	10.5	18.2	15.3	16.8
27	19.7	17.2	18.8	23.0	21.9	22.4	11.0	8.7	9.8	17.3	16.1	16.7
28	17.6	16.1	16.8	23.3	22.2	22.7	11.4	9.9	10.6	19.4	17.1	18.2
29	17.4	14.7	16.2	22.8	19.5	21.9	13.4	10.7	11.9	22.0	18.7	20.1
30	18.2	16.1	17.3	19.5	17.0	18.0	12.3	10.7	11.5	22.7	20.2	21.3
31	---	---	---	---	---	---	11.4	9.5	10.1	23.8	20.8	22.2
MONTH	---	---	---	---	---	---	23.4	8.7	16.9	23.8	3.7	13.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.7	15.8	19.4	11.9	10.8	11.2	22.6	20.6	21.5	28.1	26.1	27.1
2	15.8	13.9	15.1	14.0	11.9	12.6	22.9	19.9	21.4	28.7	26.2	27.4
3	14.6	13.4	14.1	13.8	7.5	10.8	24.6	22.8	23.5	29.0	26.8	27.8
4	14.3	13.1	13.6	8.8	5.4	7.0	23.0	19.1	20.7	29.3	27.1	28.1
5	13.1	11.6	12.1	10.3	6.6	8.5	19.6	16.7	18.3	30.7	28.2	29.2
6	11.7	10.9	11.5	12.4	9.3	10.8	19.1	16.9	18.1	29.9	27.9	29.0
7	10.9	9.2	9.8	15.0	11.8	13.3	20.4	17.2	18.7	29.6	27.5	28.6
8	10.3	8.3	9.3	17.2	14.4	15.9	21.6	19.9	20.6	29.8	27.4	28.5
9	11.8	9.5	10.7	19.4	16.7	17.8	21.3	19.8	20.5	29.8	28.0	28.8
10	14.6	11.5	12.8	18.0	13.8	15.3	23.1	20.1	21.5	30.2	28.1	29.1
11	13.1	10.6	12.0	16.3	13.7	15.1	23.1	22.1	22.6	29.8	27.9	28.8
12	13.2	10.8	12.0	19.2	15.9	17.2	23.2	21.8	22.4	29.5	27.5	28.5
13	14.0	12.4	13.1	17.3	15.6	16.5	23.4	21.9	22.7	28.9	25.5	28.0
14	13.6	11.8	12.7	18.6	16.1	17.4	25.1	22.7	23.6	25.5	22.7	23.9
15	14.1	12.7	13.4	22.0	18.2	19.7	25.6	23.7	24.6	25.3	23.1	24.3
16	16.7	13.7	14.9	24.1	21.6	22.7	26.2	24.4	25.3	---	---	---
17	16.9	14.4	15.6	25.5	23.4	24.4	26.8	24.9	25.8	27.4	26.0	26.6
18	16.7	15.2	15.9	25.3	24.3	24.9	27.7	25.6	26.6	26.6	22.0	24.7
19	17.2	15.8	16.5	25.4	24.1	24.7	28.2	26.2	27.1	22.3	20.5	21.4
20	18.8	17.2	17.9	24.5	23.6	24.1	28.3	26.2	27.2	22.0	19.2	20.8
21	19.3	17.4	18.3	24.0	19.9	22.2	28.2	26.1	27.1	23.2	20.6	21.9
22	18.5	15.4	17.0	19.9	15.7	17.3	28.4	26.2	27.2	23.6	21.8	22.6
23	15.4	12.0	13.6	17.6	14.0	15.9	27.7	26.4	27.1	24.2	21.9	23.1
24	15.3	12.6	14.1	18.8	15.5	17.2	27.8	25.6	26.7	25.8	23.2	24.4
25	17.5	14.3	16.0	20.8	18.0	19.4	27.9	26.5	27.1	27.1	24.9	25.9
26	17.0	13.2	16.2	23.4	20.3	21.8	28.4	26.0	27.1	27.7	25.9	26.8
27	13.2	8.4	10.2	21.9	17.9	19.8	28.2	26.7	27.5	28.4	26.6	27.5
28	11.6	8.5	10.3	21.6	19.1	20.4	28.9	26.6	27.5	29.0	27.2	28.1
29	---	---	---	23.9	20.8	22.4	29.0	26.8	27.9	29.4	27.9	28.6
30	---	---	---	23.8	22.9	23.3	28.8	27.1	27.9	28.5	27.4	27.9
31	---	---	---	23.3	22.6	23.0	---	---	---	29.2	26.7	27.9
MONTH	22.7	8.3	13.9	25.5	5.4	17.8	29.0	16.7	24.2	---	---	---

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	27.8	28.5	---	---	---	31.2	29.8	30.6	29.1	28.2	28.6
2	30.9	28.1	29.3	---	---	---	31.0	29.3	30.0	28.7	27.8	28.2
3	31.2	28.9	29.9	32.8	30.5	31.4	31.5	29.1	30.2	28.6	27.8	28.1
4	31.4	29.1	30.2	33.0	31.1	31.8	30.7	28.4	29.5	28.0	27.2	27.6
5	30.6	29.1	29.7	32.3	30.7	31.4	30.2	27.4	28.6	28.3	26.9	27.5
6	31.0	29.0	29.8	32.1	29.9	31.0	29.3	28.8	29.0	28.0	27.4	27.7
7	30.7	29.7	30.2	32.9	30.4	31.5	32.1	28.4	30.0	27.4	26.7	27.0
8	31.4	29.6	30.4	31.7	30.2	30.8	31.6	30.3	31.0	26.8	26.4	26.6
9	30.7	29.5	30.2	31.5	29.8	30.5	30.5	28.6	29.5	28.3	26.3	27.2
10	30.5	28.5	29.4	31.5	30.1	30.8	29.1	27.5	28.3	29.9	27.5	28.6
11	30.5	28.6	29.5	32.3	30.1	31.2	28.9	27.8	28.3	31.9	28.5	30.1
12	31.5	29.0	30.1	32.2	30.8	31.5	29.3	27.5	28.3	31.7	29.7	30.7
13	32.0	29.8	30.9	31.4	29.8	30.6	29.7	27.5	28.5	30.5	29.2	29.8
14	31.8	29.7	30.7	30.6	28.9	29.5	29.3	28.7	28.9	30.0	28.1	29.0
15	30.5	28.3	29.5	31.8	28.8	30.2	30.1	28.3	29.1	31.3	28.9	29.9
16	29.4	27.6	28.6	33.4	30.4	31.8	30.5	28.8	29.6	32.2	29.5	30.2
17	28.9	27.2	28.1	34.8	31.6	33.1	32.2	29.2	30.4	30.8	29.5	30.1
18	29.2	27.0	28.0	33.7	32.1	33.2	31.0	29.9	30.6	31.0	29.5	30.1
19	29.6	27.5	28.5	34.6	31.7	33.1	30.9	29.7	30.3	30.6	29.1	29.7
20	29.8	28.4	29.1	34.6	31.8	33.2	31.3	29.5	30.4	30.4	29.0	29.7
21	29.8	28.4	29.0	33.7	31.6	32.7	31.0	30.0	30.3	31.1	29.4	30.2
22	29.0	28.0	28.5	31.9	29.4	31.1	30.0	29.0	29.6	31.0	29.3	30.1
23	30.4	27.1	28.0	32.3	28.4	30.2	31.3	28.4	29.8	29.3	27.8	28.4
24	32.1	28.1	30.2	31.7	30.2	31.0	32.0	29.7	30.7	28.0	25.3	26.6
25	31.9	29.5	30.5	31.8	29.3	30.3	31.6	29.7	30.6	25.3	24.8	25.0
26	31.0	29.2	30.1	30.4	29.0	29.6	32.3	30.3	31.1	25.2	24.1	24.8
27	30.5	28.9	29.6	31.8	28.8	30.2	32.1	30.0	31.0	26.0	23.6	24.8
28	32.0	28.9	30.3	32.6	30.3	31.3	32.4	30.1	31.3	27.6	25.4	26.3
29	31.4	29.2	30.2	31.9	30.7	31.2	31.7	30.1	30.9	28.7	26.2	27.3
30	---	---	---	31.3	29.1	30.4	31.1	30.0	30.5	29.7	27.4	28.4
31	---	---	---	32.1	29.1	30.5	30.2	28.9	29.4	---	---	---
MONTH	---	---	---	---	---	---	32.4	27.4	29.9	32.2	23.6	28.3

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA

LOCATION.--Lat 29×34'14", long 89×42'14", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 8 miles east of Pointe a la Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1997 to September 1998. January 1999 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to October 1, 1998 datum of gage was 4.33 ft below NAVD 1988.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station. Gage destroyed September 24, 2002 by Tropical Storm Isadore.

REVISIONS.--2001 W.Y.: Maximum elevation, 4.12, Nov. 18, 2000.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.87 ft, present datum, July 18, 1997 ; minimum, -3.63 ft, present datum, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.05 ft, Sept. 24; minimum gage height, -1.22 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.36	0.64	1.06	2.17	0.58	1.35	1.97	0.28	1.10	2.42	0.44	1.29
2	1.48	0.88	1.13	2.25	0.77	1.56	1.86	-0.14	0.76	2.54	-0.34	0.91
3	1.44	0.66	1.06	2.25	1.19	1.70	1.65	-0.23	0.77	0.90	-1.20	-0.24
4	1.61	0.77	1.29	2.35	0.75	1.56	1.81	-0.04	0.89	0.56	-0.64	-0.11
5	1.97	0.86	1.45	2.53	0.87	1.74	2.05	0.09	1.05	2.48	0.28	1.17
6	2.28	1.03	1.57	2.00	0.28	1.13	1.62	0.10	0.90	1.33	-1.16	-0.42
7	2.88	0.99	1.90	1.78	0.41	1.09	1.50	0.19	0.82	0.20	-1.18	-0.60
8	2.50	1.26	1.83	1.78	0.53	1.18	1.28	0.41	0.88	0.10	-1.01	-0.44
9	2.99	2.01	2.47	1.64	0.37	1.02	1.34	0.62	0.94	0.49	-1.22	-0.38
10	3.22	1.58	2.47	1.48	0.32	0.96	1.18	0.49	0.78	1.06	-0.90	0.03
11	3.04	1.41	2.26	1.49	0.83	1.11	2.01	0.43	1.12	1.07	-0.78	0.20
12	2.98	1.17	2.24	1.48	0.66	1.10	1.84	0.27	0.99	1.16	-0.64	0.30
13	3.07	1.45	2.29	2.75	0.65	1.70	1.76	-0.10	0.88	1.42	-0.57	0.36
14	1.91	0.48	1.21	2.51	1.33	1.85	1.83	-0.55	0.59	1.47	-0.23	0.66
15	2.96	1.45	2.22	2.11	0.85	1.44	2.28	0.75	1.43	1.29	-0.11	0.48
16	1.45	0.77	1.16	1.87	0.30	1.04	2.28	0.12	1.13	0.95	-0.13	0.45
17	2.15	1.29	1.78	1.53	-0.06	0.79	2.30	-0.34	0.71	0.88	-0.31	0.35
18	1.88	0.49	1.29	1.62	-0.36	0.60	1.21	-0.02	0.59	0.90	-0.32	0.33
19	1.90	0.36	1.10	1.81	0.11	0.87	1.29	-0.70	0.19	0.61	-0.81	-0.07
20	1.98	0.38	1.20	1.57	0.10	0.77	1.19	-0.02	0.65	1.13	0.14	0.83
21	2.04	0.49	1.27	1.96	0.49	1.19	1.38	0.52	0.89	0.80	0.01	0.46
22	1.91	0.55	1.23	1.80	0.69	1.29	1.60	0.66	0.97	1.22	0.13	0.69
23	2.07	0.75	1.38	2.07	0.58	1.24	1.68	0.53	0.96	1.13	-0.04	0.62
24	1.93	0.19	1.11	2.01	0.83	1.41	1.05	0.79	0.92	1.32	-0.23	0.56
25	2.39	0.93	1.53	1.55	0.88	1.26	1.05	0.52	0.79	1.40	0.02	0.74
26	2.60	0.87	1.81	1.36	0.95	1.13	0.72	-0.32	0.09	1.48	-0.06	0.75
27	1.40	0.40	0.93	1.96	0.63	1.28	1.06	-0.84	-0.01	1.71	-0.06	0.78
28	1.72	0.79	1.30	2.26	0.96	1.57	1.85	-0.32	0.67	1.72	-0.47	0.62
29	1.47	0.72	1.10	2.26	0.79	1.34	1.79	-0.41	0.69	1.74	-0.33	0.73
30	1.47	0.66	1.12	1.99	-0.22	0.81	1.96	0.51	1.17	1.68	-0.13	0.79
31	1.63	0.65	1.16	---	---	---	2.03	0.18	1.11	1.60	0.12	0.87
MONTH	3.22	0.19	1.51	2.75	-0.36	1.24	2.30	-0.84	0.82	2.54	-1.22	0.41

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.24	-0.43	0.21	2.83	1.12	1.80	2.02	0.12	1.14	1.10	-0.73	0.15
2	1.05	0.02	0.61	3.48	0.88	2.25	2.01	-0.03	1.07	1.26	-0.64	0.35
3	0.60	-0.09	0.36	0.93	-0.12	0.48	1.68	-0.01	0.90	1.28	-0.38	0.45
4	0.85	-0.34	0.33	0.06	-0.69	-0.37	1.53	0.42	0.99	0.94	-0.45	0.26
5	3.71	0.17	1.90	0.76	-1.13	-0.20	1.29	0.15	0.72	1.29	-0.24	0.59
6	2.94	0.53	1.36	1.21	-0.83	0.20	1.81	0.45	1.08	1.29	0.20	0.78
7	1.39	-0.87	0.13	1.48	-0.28	0.63	1.99	0.16	0.89	1.15	0.44	0.82
8	1.09	-0.40	0.40	1.79	-0.15	0.85	2.36	0.81	1.65	1.05	0.55	0.73
9	1.34	-0.58	0.39	1.43	0.07	0.72	2.52	1.54	2.07	0.98	0.30	0.72
10	1.27	-0.54	0.33	1.42	0.82	1.10	1.67	0.79	1.24	1.27	0.52	0.94
11	0.71	-0.38	0.12	1.39	0.17	0.84	1.88	1.03	1.38	1.45	0.34	1.00
12	0.80	-0.54	0.17	1.38	-0.21	0.41	1.96	1.08	1.53	1.70	0.05	1.04
13	0.80	-0.64	0.17	0.78	0.09	0.45	2.07	0.73	1.37	1.26	-0.39	0.58
14	0.74	0.42	0.54	1.08	0.36	0.78	1.46	0.07	1.08	2.64	-0.38	1.40
15	0.68	0.20	0.49	1.21	0.58	0.86	1.47	0.07	0.84	2.44	0.12	1.45
16	0.67	0.0	0.33	0.99	0.35	0.78	1.64	0.03	0.93	---	---	---
17	0.44	-0.09	0.14	1.03	0.22	0.72	1.75	0.04	0.90	1.63	0.04	0.84
18	1.37	-0.12	0.76	1.41	0.28	0.93	1.62	-0.20	0.73	1.44	-0.16	0.74
19	1.89	0.67	1.23	1.74	0.27	1.01	1.55	-0.37	0.63	2.17	1.15	1.61
20	1.87	0.69	1.29	1.50	0.12	0.95	1.25	-0.39	0.50	1.99	0.62	1.36
21	1.92	0.31	1.16	1.48	-0.13	0.87	1.03	-0.29	0.43	1.60	0.32	1.01
22	1.49	0.13	0.92	1.52	0.24	0.87	1.19	-0.57	0.33	1.86	0.22	1.09
23	1.17	0.07	0.70	1.48	0.07	0.80	1.62	0.62	1.16	1.42	0.84	1.15
24	1.39	-0.47	0.50	1.87	-0.35	0.80	1.18	0.25	0.73	1.92	0.58	1.33
25	1.59	-0.41	0.59	1.73	0.27	1.16	1.15	0.38	0.78	1.97	0.31	1.32
26	1.59	-0.49	0.19	1.53	0.14	0.77	1.78	0.34	1.31	2.13	0.24	1.32
27	0.88	-1.21	-0.41	1.24	0.33	0.79	1.70	0.03	1.10	2.33	0.15	1.30
28	1.30	0.03	0.65	1.12	0.33	0.74	1.39	-0.42	0.72	2.36	0.0	1.27
29	---	---	---	0.99	-0.13	0.47	1.54	-0.56	0.55	2.42	0.32	1.41
30	---	---	---	1.32	-0.04	0.72	1.42	-0.61	0.37	2.33	0.30	1.33
31	---	---	---	1.46	0.15	0.80	---	---	---	2.28	0.55	1.48
MONTH	3.71	-1.21	0.56	3.48	-1.13	0.77	2.52	-0.61	0.97	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.75	0.43	1.12	1.32	0.36	0.87	1.01	0.14	0.63	2.72	1.51	2.21
2	1.43	0.24	0.94	1.05	0.37	0.74	1.39	0.46	1.07	2.83	0.97	1.97
3	1.41	0.31	0.91	0.93	0.24	0.58	2.17	0.92	1.59	2.88	1.00	2.04
4	1.22	0.58	0.98	0.84	-0.05	0.48	3.05	1.33	2.48	3.04	0.98	2.06
5	1.86	0.87	1.32	0.99	-0.07	0.46	2.88	0.36	1.52	2.60	0.76	1.74
6	1.53	0.61	1.19	1.48	0.38	0.99	2.06	0.13	1.28	2.88	0.76	2.12
7	1.52	0.22	1.05	1.55	0.02	0.91	2.21	-0.09	1.24	3.56	2.08	2.86
8	1.74	0.36	1.08	2.11	0.13	1.33	2.15	-0.12	1.27	3.31	2.08	2.80
9	2.36	0.63	1.65	2.04	0.30	1.27	3.14	1.29	2.22	2.78	1.97	2.31
10	2.69	0.70	1.86	2.60	0.30	1.64	3.28	1.40	2.32	2.34	1.44	1.90
11	2.75	0.61	1.75	2.47	0.56	1.54	2.59	1.41	2.07	2.05	0.81	1.44
12	2.31	0.42	1.38	2.31	0.38	1.36	1.73	1.07	1.49	2.44	1.32	1.77
13	2.16	0.17	1.16	1.58	0.19	0.97	1.65	0.86	1.21	3.40	1.91	2.59
14	1.51	-0.09	0.71	1.05	0.06	0.52	1.60	0.42	1.06	3.80	0.72	2.15
15	2.35	0.15	1.33	0.71	-0.09	0.39	1.95	0.78	1.40	2.07	0.23	1.29
16	1.62	0.06	0.87	0.85	0.15	0.48	2.00	0.55	1.43	1.89	0.22	1.14
17	1.86	0.38	1.24	0.78	0.21	0.47	2.19	0.51	1.44	1.81	0.25	1.12
18	1.65	1.02	1.42	1.17	0.09	0.64	2.17	0.45	1.43	1.59	0.23	1.01
19	1.59	0.98	1.32	1.06	-0.05	0.62	2.06	0.34	1.29	1.68	0.51	1.22
20	1.81	0.73	1.30	1.28	-0.20	0.71	2.23	0.52	1.49	1.74	0.79	1.33
21	2.32	0.92	1.65	1.42	-0.08	0.73	2.08	0.52	1.35	2.35	0.93	1.83
22	2.90	1.04	2.04	1.70	-0.27	0.86	2.00	0.53	1.31	3.68	2.00	2.50
23	2.38	0.42	1.62	1.68	-0.28	0.73	1.90	0.55	1.24	3.58	3.06	3.32
24	2.30	0.31	1.41	1.85	-0.35	0.78	1.68	0.55	1.17			
25	2.29	0.24	1.32	1.83	-0.31	0.77	1.44	0.49	1.05			
26	1.90	0.07	0.94	1.46	-0.02	0.79	1.60	0.74	1.17			
27	1.81	-0.13	0.90	1.39	-0.01	0.74	1.26	0.72	1.08			
28	1.65	-0.01	0.83	1.20	0.01	0.69	1.27	1.00	1.13			
29	1.67	-0.02	0.92	0.93	0.44	0.66	1.52	1.08	1.25			
30	1.46	0.46	1.02	0.99	0.44	0.71	1.92	1.30	1.62			
31	---	---	---	1.12	0.58	0.82	2.13	1.68	1.91			
MONTH	2.90	-0.13	1.24	2.60	-0.35	0.81	3.28	-0.12	1.43	---	---	---

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1997 to September 2002.
WATER TEMPERATURES: May 1997 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 38,000 microsiemens/cm, June 6, 2001; minimum, 2,360 microsiemens/cm, Feb. 27, 2002.
WATER TEMPERATURE: Maximum, 34.6° C, Aug. 19, 2000; minimum, 2.9°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 23,100 microsiemens/cm, May 14; minimum, 2,360 microsiemens/cm, Feb. 27.
WATER TEMPERATURE: Maximum, 34.5°C, July 20; minimum, 3.6°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11900	10300	11200	16800	13500	15200	16500	13300	14700	12200	9460	10800
2	12000	10200	11300	17800	14400	16100	16100	13200	14200	13900	9270	11100
3	11900	10000	11000	18100	15700	16700	14900	12700	13700	9400	6960	8510
4	12500	11000	12000	18400	14100	16400	14900	12400	13700	7580	6960	7350
5	14000	11300	12500	20000	14800	17500	15400	12600	14000	10900	7220	8510
6	15200	11400	13000	17900	14200	15900	14400	11900	13300	10300	6660	7460
7	18600	12600	15400	16900	13900	15400	14000	12000	13000	6750	5150	5780
8	16000	12400	14000	16800	13700	15200	13400	12000	12900	5570	4830	5130
9	20000	16000	19100	16400	13100	14800	13600	12500	12900	5770	4480	5000
10	21400	15100	18800	16000	12700	14300	13700	11900	12600	6340	4720	5320
11	19800	14600	17400	15400	13300	14100	14200	12100	12900	6600	5120	5730
12	16900	13400	15700	15700	13200	14400	14300	12700	13400	6650	4990	5670
13	16700	13000	15000	18300	13500	15600	14400	12100	13200	6690	4890	5690
14	13900	12000	12700	17900	15000	16600	14200	11800	12700	7090	5090	5990
15	16400	12200	14800	17500	14600	15800	13500	12500	12900	6880	4920	5570
16	13700	11800	12500	16800	14000	15100	13900	12100	12900	6080	4720	5420
17	17500	12100	14800	15300	13200	14100	13900	12000	12800	5760	4650	5200
18	15000	12100	13300	14800	12400	13400	12700	11200	11800	6110	4580	5160
19	14700	11700	12900	15100	12600	13600	12200	9060	11100	6000	3680	4910
20	14000	11600	12800	14300	12600	13300	11600	9170	10500	7170	3400	6070
21	14200	11800	12800	16300	13300	14600	12200	10900	11600	6740	4280	5580
22	13900	11700	12700	15800	13500	14900	12600	11700	12000	7100	4730	5720
23	15200	11400	12900	15900	12800	14400	13100	10500	11500	8820	4780	6530
24	15100	11300	13100	16700	13300	15400	10900	10400	10700	9090	4900	7220
25	16100	11700	13600	15400	13500	14400	11000	10300	10600	8420	5120	6510
26	19400	12700	15800	16300	14200	15000	10500	8010	9570	7360	5050	6250
27	14400	13300	13800	18400	13600	16000	9540	7960	8790	7550	5360	6340
28	15600	13300	14600	18900	16100	17700	10600	8140	9100	7570	5420	6380
29	15700	13700	14700	19200	14600	17200	10600	8610	9380	7450	5560	6430
30	15400	13800	14700	16300	12700	14000	11100	9230	10100	8290	5980	6740
31	15800	13800	14900	---	---	---	11700	9120	10300	9210	6550	7770
MONTH	21400	10000	14000	20000	12400	15200	16500	7960	12000	13900	3400	6510

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9250	3800	6020	9770	4310	7950	11000	5090	8280	7060	5180	5990
2	6390	3800	4940	15100	6440	11600	10700	5870	8480	7130	4810	6010
3	4760	3880	4370	6440	4740	5420	9780	6350	8180	7350	5350	6400
4	4280	3730	4030	4740	3560	4280	9780	6280	7740	7160	5440	6330
5	10600	3860	6440	4060	3420	3810	8200	6020	7100	10900	5540	7840
6	10500	5320	6450	6470	3610	4550	9390	6680	8030	11500	6800	9270
7	5460	3940	4820	8180	3960	5640	11700	7040	8210	11200	8730	10100
8	4820	3940	4280	8250	4540	6430	12200	9270	10900	11700	9510	10400
9	4630	3410	4090	8380	5230	6420	12000	9610	11300	12300	8460	9570
10	4650	3420	3940	7790	5950	6960	9940	7160	8220	17900	9460	14000
11	3860	2750	3370	8040	5240	6910	9010	7060	8000	19600	13900	17600
12	3430	2750	2970	7740	4130	5660	9470	7940	8710	22300	11900	18400
13	3310	2770	3040	4360	3960	4170	8850	7050	7830	17800	9020	13600
14	3300	2940	3060	5390	4340	4900	8310	6270	7600	23100	8530	16900
15	3950	3190	3460	8840	5040	6430	7500	5750	6570	22200	12200	17800
16	3500	2550	3110	8270	6280	7340	8000	5590	6650	---	---	---
17	2960	2630	2830	10500	5540	8130	7530	5520	6490	18000	13600	15700
18	3870	2610	3260	12000	5540	9780	6770	5350	6090	14900	11800	12800
19	7190	3420	5150	12800	5640	9890	6820	5020	5900	20600	13200	16500
20	7140	4400	5690	12500	7210	10400	6620	4930	5820	20300	15200	17600
21	7110	4260	5620	9230	5700	7200	6100	4570	5360	18600	13500	16200
22	6100	4280	4780	9170	4560	6480	5570	4070	4720	18700	13500	16400
23	5720	4030	4470	8250	4500	6180	6880	5170	5910	18300	15800	17400
24	5060	3630	4280	9440	4830	6650	7240	5500	6380	20200	17000	18600
25	5810	3910	4640	9400	6110	8100	6610	5480	5890	20300	16400	18900
26	6770	2810	4290	9620	5920	6940	8450	6320	7470	20600	16000	18600
27	3870	2360	3220	6800	5490	6100	8130	6270	7280	20300	15600	18100
28	4310	2730	3120	6660	5500	6170	7190	5780	6510	19800	15000	17600
29	---	---	---	6480	4690	5730	7240	5630	6340	19100	15300	17400
30	---	---	---	9620	4930	7130	7360	5150	6120	18500	14200	16600
31	---	---	---	9260	5010	7730	---	---	---	17700	14500	16300
MONTH	10600	2360	4280	15100	3420	6810	12200	4070	7270	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17700	15000	16400	10300	9770	10000	7640	7180	7480	12600	9420	11500
2	17000	13800	15600	10000	9700	9910	7700	7190	7530	12900	8640	11000
3	16300	13300	14900	9880	9340	9610	8730	7500	8290	14600	8680	11500
4	15500	13900	14500	9530	8930	9350	10100	8080	8930	14100	8920	11500
5	15100	11600	13700	9520	8770	9120	10100	7940	8550	13700	9340	10900
6	14000	12100	13100	9660	8880	9360	9310	7900	8310	13700	9200	11600
7	13400	11600	12600	9980	9190	9610	10200	7890	8580	14800	12300	13700
8	13000	10800	12000	9770	9130	9500	9390	7880	8580	14400	12100	13800
9	12800	10700	11800	9610	8780	9360	13300	8370	10800	13400	11700	12600
10	11700	9370	10500	9440	8470	9060	13800	9440	11800	13200	10300	11500
11	11700	9900	10700	9320	8100	8950	12200	10500	11500	11700	9260	10200
12	11300	9600	10700	9340	8540	9110	10500	8680	9540	10900	9540	10100
13	12200	10200	10900	9320	9200	9280	9200	7500	8230	14500	10900	13200
14	11800	9820	10600	9270	8820	9050	8480	7060	7620	14700	10500	12600
15	12000	10200	11400	8820	8630	8740	8660	7450	8000	11700	9540	10800
16	11800	10500	11100	8830	8620	8720	10300	7350	8640	11400	9140	10100
17	12100	10800	11500	8820	8440	8670	9970	7090	8600	10300	8770	9610
18	11900	11000	11600	8940	8410	8660	9980	7100	8570	9780	8500	9170
19	11700	10900	11400	8890	8420	8660	10000	7230	8430	10000	8500	9280
20	11700	10200	11000	8990	8440	8760	10800	7260	8850	10600	8880	9750
21	11600	9320	10300	9010	8530	8750	9850	7390	8670	12600	8880	11000
22	10300	9000	9570	9060	8320	8740	9320	7200	8310	14300	12500	13000
23	10300	9820	10100	8850	8320	8520	9360	7060	7970	15500	14100	15000
24	10700	10200	10400	8780	8230	8480	8840	7090	7780			
25	10700	10300	10500	8760	8200	8440	7500	6960	7100			
26	10700	9980	10300	8560	8120	8330	7580	6810	7120			
27	10400	9760	10100	8460	8080	8260	7120	6610	6800			
28	10300	9700	10000	8410	8000	8180	7090	6560	6860			
29	10300	9600	9940	8240	7820	8070	7590	6820	7280			
30	10400	9880	10200	7980	7330	7670	9410	7590	8590			
31	---	---	---	7620	7350	7500	10700	9060	10000			
MONTH	17700	9000	11600	10300	7330	8850	13800	6560	8490	---	---	---

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.9	22.3	23.3	22.1	19.4	20.7	19.4	17.7	18.4	9.6	7.0	8.1
2	24.9	22.3	23.7	23.3	21.0	21.9	18.6	17.8	18.2	7.0	5.4	6.1
3	25.6	23.5	24.5	23.8	21.6	22.5	19.9	17.7	18.6	5.5	4.2	5.0
4	25.8	24.2	24.9	23.2	21.7	22.5	21.0	18.6	19.6	6.7	3.6	5.2
5	26.7	24.7	25.5	21.9	20.5	21.1	21.5	19.7	20.6	7.8	5.9	6.8
6	25.6	22.9	24.9	21.6	19.8	20.8	22.2	20.8	21.5	9.8	7.8	8.9
7	22.9	21.4	22.0	21.6	20.5	21.1	22.8	21.4	22.1	9.2	7.8	8.5
8	24.2	21.1	22.3	22.0	20.9	21.5	23.3	21.6	22.3	10.7	6.9	8.5
9	24.7	22.6	23.6	22.1	21.1	21.7	21.7	18.6	20.1	12.7	7.8	10.1
10	24.6	23.9	24.4	22.0	20.8	21.4	19.0	18.1	18.5	14.2	10.7	12.5
11	25.0	24.0	24.4	22.2	20.2	21.3	18.3	17.6	17.9	16.8	13.0	14.5
12	25.4	24.3	24.8	22.1	20.7	21.3	20.0	17.5	18.7	15.6	13.4	15.0
13	26.0	24.5	25.2	21.4	20.7	21.1	22.2	19.8	21.1	15.2	13.1	13.9
14	25.0	22.9	23.7	21.7	20.1	20.8	21.9	19.9	21.0	14.7	13.3	14.0
15	23.5	22.2	22.9	22.0	20.2	21.0	19.9	19.1	19.5	15.2	13.1	13.8
16	23.3	20.0	22.4	21.1	20.0	20.5	21.6	19.5	20.3	15.9	12.9	13.9
17	20.0	17.5	18.2	21.3	19.3	20.3	21.7	19.6	21.0	17.2	13.9	15.0
18	19.9	16.6	18.0	22.0	20.0	20.8	20.0	18.6	19.3	18.9	15.6	16.8
19	21.5	18.1	19.3	22.9	20.8	21.7	19.1	16.5	18.3	20.4	15.0	18.4
20	22.7	19.6	21.0	22.2	18.8	20.7	16.5	14.4	15.2	15.5	14.8	15.1
21	24.2	21.1	22.5	18.8	17.3	18.0	15.3	13.6	14.4	17.8	14.7	15.7
22	25.3	23.0	24.1	18.3	17.0	17.6	16.8	14.6	15.6	18.3	16.3	17.2
23	26.2	24.0	25.1	20.5	17.9	18.8	16.9	15.1	16.4	21.3	18.2	19.9
24	27.1	25.2	26.1	22.0	20.1	20.9	15.1	13.1	13.9	23.4	20.8	22.2
25	26.1	22.9	24.7	21.7	20.5	21.1	13.8	11.3	12.4	22.6	18.0	20.2
26	22.9	20.3	21.3	23.0	20.9	21.9	12.5	10.4	11.4	19.0	16.5	17.4
27	20.3	17.4	19.2	23.3	22.2	22.8	11.4	9.5	10.4	17.7	16.9	17.2
28	17.4	15.2	16.1	23.9	22.5	23.1	11.7	10.3	11.0	20.4	17.2	18.3
29	17.1	15.0	16.1	23.1	20.8	22.4	14.5	11.2	12.3	22.7	18.7	20.3
30	19.2	16.2	17.7	20.8	17.9	19.1	12.9	11.2	11.9	23.1	20.4	21.6
31	20.2	18.0	19.1	---	---	---	11.2	9.6	10.3	24.7	21.5	22.8
MONTH	27.1	15.0	22.3	23.9	17.0	21.0	23.3	9.5	17.2	24.7	3.6	14.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.0	17.0	20.0	11.6	10.4	10.9	22.8	20.7	21.5	28.0	26.1	27.3
2	17.0	13.3	14.4	13.8	11.6	12.2	22.8	20.1	21.6	28.4	25.8	27.4
3	15.4	13.6	14.7	13.8	8.9	11.7	24.7	22.6	23.6	29.1	26.8	28.1
4	15.3	13.3	14.1	10.7	6.2	7.9	23.4	19.6	21.1	30.0	27.5	28.8
5	13.3	11.8	12.1	11.1	6.8	9.1	19.9	17.7	19.0	31.2	28.5	29.7
6	12.1	11.6	11.8	13.0	9.8	11.5	19.0	16.4	18.0	30.2	29.2	29.7
7	11.6	9.6	10.3	15.3	12.8	14.1	20.3	17.4	18.8	30.1	28.7	29.3
8	12.0	8.9	10.1	17.8	15.0	16.5	22.4	19.7	20.9	29.9	27.8	28.8
9	13.1	10.0	11.6	20.5	16.9	18.7	21.0	19.8	20.4	30.4	27.9	29.1
10	15.2	12.0	13.5	18.2	14.3	16.0	23.9	20.5	22.0	30.3	27.5	28.9
11	13.1	11.6	12.4	18.1	14.2	15.8	23.3	21.9	22.6	29.4	27.0	28.2
12	14.6	11.3	12.7	18.9	16.1	17.4	23.3	21.4	22.4	29.1	26.7	27.9
13	14.2	12.8	13.3	17.7	16.3	17.0	22.9	22.1	22.5	29.1	26.7	28.1
14	14.8	11.6	13.3	18.8	15.8	17.4	23.4	21.7	22.4	26.7	22.0	23.9
15	15.3	13.2	14.3	22.9	18.6	20.7	24.8	22.4	23.7	25.2	22.5	23.9
16	16.4	14.3	15.3	24.7	22.0	23.3	25.7	23.3	24.7	---	---	---
17	17.2	14.0	15.6	26.4	23.7	24.9	26.8	24.3	25.6	27.8	25.7	26.6
18	17.6	15.0	16.4	25.5	24.0	24.8	27.9	25.2	26.6	26.7	21.6	24.4
19	17.8	15.5	16.9	24.8	23.5	24.3	28.2	26.0	27.2	21.8	18.7	20.4
20	19.8	17.8	18.6	24.6	23.3	24.0	28.7	26.5	27.6	21.3	18.4	20.2
21	19.6	17.6	18.8	24.4	20.6	22.4	28.8	26.7	27.9	22.7	20.0	21.5
22	19.1	15.5	17.2	20.6	16.8	18.2	28.9	26.8	27.8	23.2	20.7	22.1
23	15.6	13.1	14.5	17.5	14.9	16.4	28.6	26.4	27.4	24.5	21.4	22.8
24	16.5	13.1	14.9	19.2	16.0	17.7	28.7	26.5	27.6	25.9	22.7	24.3
25	19.1	15.2	16.8	20.7	18.1	19.6	29.7	26.8	28.1	27.4	24.4	25.8
26	18.6	13.6	16.8	23.4	20.5	21.5	28.5	26.4	27.5	27.9	25.0	26.7
27	13.6	9.5	11.3	21.6	18.9	20.4	28.5	26.3	27.5	28.6	26.0	27.5
28	12.1	8.7	10.1	22.2	19.5	20.9	28.7	26.3	27.5	28.8	26.9	28.0
29	---	---	---	23.7	20.9	22.0	29.2	26.7	28.0	28.8	27.2	28.0
30	---	---	---	24.5	22.0	23.3	29.0	27.0	28.1	28.3	26.7	27.7
31	---	---	---	23.9	22.4	23.2	---	---	---	28.9	26.5	27.8
MONTH	23.0	8.7	14.3	26.4	6.2	18.2	29.7	16.4	24.3	---	---	---

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.1	27.4	28.8	31.6	29.6	30.8	31.1	29.4	30.1	28.9	28.1	28.4
2	31.8	28.3	29.9	31.6	29.7	30.4	30.3	28.4	29.3	28.7	27.5	28.1
3	31.6	29.1	30.2	31.7	30.1	30.7	30.9	28.4	29.6	28.4	27.6	27.9
4	32.1	29.3	30.6	31.8	29.5	30.4	30.0	27.8	28.8	28.0	27.0	27.4
5	30.7	28.4	29.9	31.0	29.6	30.3	29.5	27.2	28.2	27.8	26.6	27.2
6	30.8	28.4	29.5	31.7	28.9	30.2	29.5	28.0	28.7	27.9	27.1	27.5
7	31.1	29.1	30.0	31.8	29.4	30.7	31.6	28.3	29.7	27.1	26.4	26.7
8	30.4	28.9	29.8	31.5	29.2	30.4	31.4	29.8	30.6	26.9	26.3	26.6
9	30.7	29.0	29.8	31.7	29.1	30.5	29.8	27.9	28.7	28.9	26.5	27.5
10	30.4	27.9	29.1	31.5	29.7	30.8	28.6	26.1	27.6	29.8	27.6	28.5
11	30.4	28.1	29.3	31.9	29.5	30.9	28.7	27.2	27.9	31.0	28.4	29.5
12	31.1	28.8	30.0	31.8	30.6	31.2	28.7	27.1	27.7	31.0	29.3	30.2
13	32.1	29.7	31.0	31.0	29.5	30.4	28.7	27.1	27.9	29.9	28.7	29.4
14	32.0	30.1	31.1	30.5	29.2	29.9	29.2	28.1	28.5	29.8	27.9	28.8
15	30.9	27.6	29.3	31.7	29.1	30.3	29.9	28.0	28.7	31.1	28.6	29.8
16	29.5	28.3	29.0	32.1	29.9	31.0	30.6	28.5	29.4	31.2	29.3	30.2
17	29.8	27.9	28.8	33.1	30.1	31.3	30.3	28.7	29.5	30.8	29.2	29.9
18	29.2	27.4	28.2	33.5	31.0	32.5	31.4	29.0	30.2	30.7	28.9	29.9
19	29.6	27.5	28.6	33.9	30.9	32.1	31.3	29.9	30.6	30.5	28.4	29.5
20	29.7	27.6	28.6	34.5	31.8	32.6	31.3	29.6	30.6	30.4	28.4	29.4
21	29.9	27.6	28.8	33.2	31.0	32.0	31.2	29.7	30.6	30.9	28.8	29.8
22	28.7	27.2	27.8	32.3	29.7	30.7	31.0	29.4	30.0	31.0	29.0	29.8
23	29.0	26.6	27.5	31.1	28.7	29.9	31.5	28.6	30.1	29.0	27.3	27.9
24	29.7	27.1	28.5	31.6	29.6	30.8	31.9	29.8	30.9			
25	29.5	28.5	29.0	30.9	29.3	30.1	31.9	30.1	31.0			
26	29.1	28.0	28.5	30.9	28.7	29.8	32.2	29.9	31.1			
27	29.1	27.4	28.3	31.9	29.1	30.4	32.6	29.9	31.0			
28	29.8	27.5	28.7	32.6	30.0	31.4	32.2	30.7	31.1			
29	31.0	28.3	29.7	32.2	30.4	31.3	31.9	29.7	30.6			
30	31.7	28.9	30.4	31.6	29.4	30.1	30.5	29.4	29.9			
31	---	---	---	31.4	28.3	29.6	29.6	28.5	29.0			
MONTH	32.1	26.6	29.3	34.5	28.3	30.8	32.6	26.1	29.6	---	---	---

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA

LOCATION.--Lat 29°38'12", long 89°33'49", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 13 miles northeast of Pointe a la Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 1992 to September 1998. December 1998 to current year.

REVISIONS.--Minimum elevation has been revised to reflect the datum used prior to Oct. 1, 1995.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Oct. 1, 1995, datum of gage was 8.4 ft below NGVD of 1929.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 7.49 ft, Sept. 27, 1998; minimum, -3.01 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 4.18 ft, Sept. 14,(but was higher during Tropical Storm Isidore); minimum gage height, -1.19 ft, Feb. 27.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.39	0.76	1.14	2.40	0.72	1.55	2.18	0.27	1.21	2.71	0.21	1.14
2	1.50	0.96	1.17	2.46	0.83	1.69	2.07	-0.15	0.85	2.71	-0.22	0.96
3	1.65	0.73	1.16	2.46	1.13	1.80	1.99	-0.22	0.89	1.24	-1.16	-0.07
4	1.81	0.82	1.40	2.67	0.83	1.65	2.14	-0.20	0.97	0.80	-0.55	0.04
5	2.20	1.01	1.61	2.69	0.93	1.77	2.26	0.08	1.12	2.96	0.61	1.48
6	2.37	0.91	1.57	2.23	0.37	1.28	1.78	0.19	1.00	1.66	-1.10	-0.29
7	2.85	1.02	1.85	2.05	0.46	1.26	1.69	0.20	0.94	0.38	-1.01	-0.31
8	2.72	1.17	1.87	2.05	0.62	1.38	1.39	0.56	1.04	0.32	-0.88	-0.21
9	3.13	1.87	2.46	1.92	0.54	1.20	1.40	0.78	1.02	0.80	-1.12	-0.07
10	3.31	1.55	2.47	1.69	0.54	1.16	1.38	0.72	0.97	1.23	-0.87	0.23
11	3.24	1.37	2.36	1.69	1.10	1.35	2.23	0.44	1.21	1.23	-0.83	0.29
12	3.24	1.18	2.34	1.72	0.83	1.32	1.90	0.38	1.14	1.36	-0.63	0.41
13	3.42	1.44	2.59	2.71	0.75	1.79	2.20	-0.05	1.11	1.61	-0.64	0.45
14	2.15	0.79	1.47	2.43	1.10	1.78	2.05	-0.62	0.78	1.61	-0.19	0.79
15	3.08	1.62	2.31	2.15	0.72	1.41	2.54	0.59	1.50	1.55	-0.30	0.50
16	1.62	0.54	1.18	1.98	0.18	1.01	2.66	0.13	1.28	1.10	-0.17	0.47
17	1.86	1.40	1.70	1.71	-0.09	0.83	2.66	-0.16	0.91	1.07	-0.33	0.41
18	2.12	0.50	1.31	1.92	-0.38	0.68	1.56	0.16	0.80	1.07	-0.25	0.42
19	2.15	0.33	1.20	1.99	0.10	0.94	1.61	-0.46	0.39	0.73	-0.73	0.14
20	2.22	0.39	1.30	1.84	0.12	0.86	1.32	0.11	0.71	1.10	0.23	0.84
21	2.26	0.52	1.38	2.06	0.53	1.27	1.60	0.50	1.04	0.91	0.09	0.54
22	2.15	0.57	1.35	2.07	0.78	1.43	1.90	0.86	1.23	1.35	0.10	0.75
23	2.27	0.86	1.56	2.73	0.75	1.46	2.05	0.78	1.22	1.24	-0.02	0.69
24	2.22	0.57	1.42	2.21	1.12	1.63	1.28	0.95	1.16	1.49	-0.25	0.70
25	2.30	0.99	1.59	1.60	0.99	1.34	1.35	0.54	1.00	1.46	-0.19	0.71
26	2.34	0.84	1.73	1.54	1.07	1.26	0.83	-0.10	0.38	1.66	-0.06	0.83
27	1.32	0.39	0.94	2.13	0.72	1.45	1.35	-0.63	0.33	1.95	-0.26	0.86
28	1.67	0.77	1.27	2.53	0.98	1.71	2.20	-0.47	0.91	1.99	-0.47	0.74
29	1.58	0.74	1.17	2.47	1.22	1.61	2.00	-0.28	0.92	1.99	-0.38	0.84
30	1.62	0.76	1.24	2.27	-0.12	1.06	2.18	0.44	1.23	1.90	-0.15	0.92
31	1.83	0.66	1.29	---	---	---	2.22	0.06	1.15	1.87	0.22	1.07
MONTH	3.42	0.33	1.59	2.73	-0.38	1.36	2.66	-0.63	0.98	2.96	-1.16	0.52

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.52	-0.35	0.32	2.70	1.14	1.89	2.30	0.25	1.35	1.70	-0.50	0.67
2	0.98	0.29	0.72	3.48	1.10	2.34	2.31	0.15	1.31	1.82	-0.31	0.82
3	0.84	-0.03	0.59	1.10	-0.40	0.52	2.04	0.22	1.13	1.72	-0.09	0.84
4	1.09	-0.25	0.47	0.27	-0.73	-0.33	1.83	0.41	1.10	1.39	-0.20	0.65
5	---	---	---	0.91	-1.06	-0.05	1.58	0.14	0.84	1.57	0.10	0.92
6	---	---	---	1.35	-0.81	0.33	1.94	0.39	1.10	1.64	0.47	1.08
7	---	---	---	1.70	-0.18	0.81	2.29	0.28	1.16	1.49	0.81	1.15
8	---	---	---	2.03	-0.02	1.07	2.38	0.98	1.81	1.35	0.89	1.09
9	---	---	---	1.54	0.27	0.87	2.74	1.77	2.19	1.36	0.63	1.07
10	---	---	---	1.54	0.41	0.99	1.96	0.95	1.44	1.47	0.73	1.20
11	---	---	---	1.66	0.31	0.97	2.07	1.23	1.57	1.72	0.52	1.24
12	---	---	---	1.66	0.11	0.74	2.10	1.32	1.68	2.00	0.29	1.32
13	---	---	---	1.15	0.39	0.76	2.21	0.88	1.53	1.73	-0.70	0.84
14	---	---	---	1.42	0.55	1.01	1.82	0.30	1.33	2.78	-0.70	1.48
15	---	---	---	1.48	0.86	1.12	1.68	0.25	1.09	2.64	0.18	1.58
16	---	---	---	1.30	0.66	1.06	1.89	0.25	1.17	2.36	0.38	1.37
17	---	---	---	1.45	0.55	1.05	2.03	0.20	1.13	2.10	0.22	1.13
18	---	---	---	1.66	0.53	1.19	1.94	-0.02	0.98	1.60	-0.04	0.85
19	---	---	---	2.01	0.53	1.28	1.87	-0.17	0.91	2.27	0.79	1.53
20	---	---	---	2.05	0.09	1.33	1.70	-0.16	0.83	1.97	0.68	1.29
21	2.23	0.56	1.42	1.78	-0.07	1.05	1.51	0.02	0.83	1.63	0.39	1.07
22	1.74	0.01	1.05	1.82	0.05	0.94	1.42	-0.32	0.68	1.88	0.30	1.13
23	1.51	0.06	0.84	1.79	0.04	0.98	1.91	0.78	1.38	1.48	1.01	1.22
24	1.65	-0.45	0.71	2.13	-0.32	1.05	1.44	0.50	1.04	2.02	0.59	1.38
25	1.93	-0.35	0.82	2.05	0.36	1.39	1.43	0.68	1.06	2.07	0.39	1.41
26	1.84	-0.65	0.38	1.77	0.43	1.08	2.01	0.58	1.53	2.32	0.25	1.44
27	1.16	-1.19	-0.21	1.40	0.49	1.01	2.12	0.26	1.41	2.50	-0.04	1.41
28	1.53	-0.01	0.69	1.44	0.65	1.03	1.83	-0.38	1.04	2.61	-0.04	1.45
29	---	---	---	1.35	0.20	0.83	1.95	-0.38	0.90	2.72	0.38	1.61
30	---	---	---	1.60	0.45	1.03	1.85	-0.41	0.74	2.73	0.42	1.52
31	---	---	---	1.79	0.32	1.15	---	---	---	2.44	0.59	1.60
MONTH	---	---	---	3.48	-1.06	0.98	2.74	-0.41	1.21	2.78	-0.70	1.21

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.93	0.53	1.25	1.48	0.48	1.05	1.34	0.40	0.94	2.81	1.51	2.25
2	1.62	0.43	1.14	1.22	0.56	0.92	1.65	0.94	1.34	3.13	1.04	2.11
3	1.57	0.53	1.14	1.12	0.50	0.78	2.38	1.05	1.75	3.11	1.06	2.19
4	1.38	0.80	1.17	1.04	0.16	0.69	3.43	1.61	2.51	3.29	1.11	2.21
5	1.96	1.07	1.45	1.23	0.11	0.68	2.80	0.51	1.76	2.89	0.96	1.94
6	1.72	0.83	1.36	1.60	0.47	1.14	2.42	0.22	1.49	3.28	1.14	2.37
7	1.71	0.41	1.24	1.78	0.06	1.04	2.51	-0.12	1.41	4.01	2.22	3.06
8	1.93	0.52	1.29	2.35	0.39	1.46	2.42	0.00	1.57	3.55	2.30	2.95
9	2.55	0.96	1.81	2.27	0.36	1.41	3.54	1.37	2.34	2.82	2.09	2.45
10	2.87	0.61	1.93	2.80	0.41	1.77	3.46	1.31	2.40	2.47	1.52	2.03
11	2.89	0.54	1.80	2.68	0.49	1.68	2.84	1.53	2.26	2.32	0.99	1.65
12	2.48	0.27	1.46	2.63	0.26	1.55	2.03	1.25	1.71	2.81	1.45	1.98
13	2.38	0.12	1.30	2.02	0.22	1.23	1.91	1.06	1.46	3.70	1.90	2.72
14	1.82	0.01	0.93	1.44	0.20	0.80	1.92	0.75	1.33	4.18	1.01	2.36
15	2.60	0.09	1.46	1.01	0.11	0.66	2.30	1.00	1.66	2.44	0.47	1.56
16	1.77	0.16	1.02	---	---	---	2.28	0.68	1.63	2.20	0.49	1.41
17	1.93	0.45	1.37	---	---	---	2.48	0.62	1.65	2.12	0.48	1.39
18	1.88	1.09	1.54	---	---	---	2.47	0.64	1.66	1.86	0.60	1.31
19	1.69	1.12	1.43	---	---	---	2.36	0.47	1.53	1.94	0.88	1.50
20	1.96	0.82	1.39	---	---	---	2.51	0.66	1.69	2.07	1.04	1.64
21	2.37	1.05	1.68	---	---	---	2.36	0.70	1.57	2.56	1.29	2.11
22	3.01	0.78	1.99	---	---	---	2.33	0.77	1.53	4.11	2.20	2.65
23	2.55	0.35	1.65	---	---	---	2.13	0.77	1.48	---	---	---
24	2.48	0.20	1.50	---	---	---	1.95	0.74	1.43	---	---	---
25	2.50	0.05	1.41	---	---	---	1.64	0.74	1.32	---	---	---
26	2.26	-0.07	1.05	---	---	---	1.85	0.99	1.44	---	---	---
27	2.09	-0.12	1.05	---	---	---	1.49	0.99	1.34	---	---	---
28	1.93	-0.03	0.99	---	---	---	1.56	1.27	1.37	---	---	---
29	1.84	0.07	1.04	---	---	---	1.75	1.15	1.44	---	---	---
30	1.60	0.48	1.12	---	---	---	2.13	1.37	1.77	---	---	---
31	---	---	---	---	---	---	2.42	1.61	2.01	---	---	---
MONTH	3.01	-0.12	1.37	---	---	---	3.54	-0.12	1.64	---	---	---

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- March 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1992 to current year.
WATER TEMPERATURES: June 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: records rated good Oct. 1-30, Nov. 14-Dec. 22, Jan. 10-Feb. 8, Feb. 20-May 15, Jul. 3-16, Aug. 1-Sept. 22; rated fair Oct. 31-Nov. 13, Dec. 23-Jan. 10, May 16-21, and rated poor May 22-Jul. 2.
WATER TEMPERATURE: records rated good Oct. 1-31, Feb. 20-Jul. 15, Aug. 1-Sept. 22, records fair Nov. 1-Dec. 31, and rated poor Jan. 1-Feb. 9.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 44,600 microsiemens, Oct. 8, 1999; minimum, 291 microsiemens, Mar. 3, 1994.
WATER TEMPERATURE: Maximum, 33.6°C, Aug. 2, 1999; minimum, 2.1°C Jan. 18, 1997.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 31,100 microsiemens/cm, Sept. 1; minimum, 5,390 microsiemens/cm, Jan. 7.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 27; minimum, 5.7°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26600	23600	25400	30400	24700	27700	21500	13100	15900	22200	17000	19900
2	28200	25500	26700	30100	24400	27100	21700	15900	18400	19700	12900	16900
3	28400	25800	27200	29200	26600	27800	20500	16100	18400	14800	7040	10500
4	29300	27600	28700	29400	26400	27900	20800	16500	18700	10900	8450	9510
5	29100	25800	27500	29700	26700	28000	21300	17900	19600	13900	10900	11900
6	28400	25400	26900	28300	23600	26100	20900	18000	19500	14700	8760	11200
7	29700	25500	27900	29100	23400	25700	20500	17100	18900	12600	5390	8400
8	29000	24900	27400	28000	22800	25300	20800	18500	19400	15200	7690	10500
9	30100	24400	27700	26300	20600	23600	21400	18600	19900	15000	6790	11200
10	29400	24400	27300	24500	20200	22700	21600	19600	20500	18000	9990	13300
11	30300	26000	28400	24200	22000	23200	25700	19100	21200	18000	11300	14600
12	29100	24500	27000	24500	21500	23000	25700	20500	21900	17900	12800	14900
13	27700	20400	25200	27600	22300	24700	24400	18400	20900	18100	13200	15200
14	26900	23000	25100	28700	24700	26500	22700	14800	18700	18400	14800	16600
15	27300	24400	26200	28400	23200	25200	28000	19500	22000	18100	14400	16000
16	25400	20700	22600	26400	20300	22800	28200	19100	22500	17400	12500	15400
17	26600	23200	25400	24500	18800	21200	26900	16500	20600	17500	12800	15000
18	25900	19100	22600	22900	17100	20100	20100	16700	18300	15900	11800	13800
19	26400	18900	22300	23900	19300	20900	20300	13800	16500	15400	7420	11700
20	26000	20100	22800	22200	17200	20300	20100	14600	16800	24500	11900	20800
21	25900	20800	23200	27100	21500	23900	24300	18400	20800	22000	17800	20500
22	25700	21100	23200	26900	22500	24800	22900	19500	21400	20400	17800	19300
23	26000	21800	23900	29200	20700	25500	22900	18400	21000	20000	17900	18800
24	26000	20300	23000	25400	19700	22900	22800	16600	19700	18900	14000	17400
25	22800	20300	21700	23000	19100	21400	23400	20500	22200	21200	13000	16500
26	25600	20900	23600	22900	19800	21300	22600	16200	19800	24400	17100	19900
27	22500	17400	20100	22100	18900	20500	19800	15400	17000	24900	15500	19700
28	24500	18900	23200	22700	20200	21200	19200	13100	16200	24900	14400	19300
29	25400	20900	23600	22700	13700	17300	19900	15300	17900	25100	15700	19700
30	25700	21500	23800	15700	12600	13700	21000	18800	19900	23600	15800	18700
31	28600	22300	24500	---	---	---	21800	16500	19700	21000	14300	16700
MONTH	30300	17400	25000	30400	12600	23400	28200	13100	19500	25100	5390	15600

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17400	8710	12200	23500	21800	22900	20300	12300	16000	13000	10100	11300
2	21700	12700	19200	25300	21700	24300	20700	15500	17800	12800	10000	11900
3	26600	21300	25000	21700	16400	18300	19200	16300	17600	14300	11200	12200
4	25800	22400	24200	16800	14300	15100	18300	14300	17100	14600	10700	12300
5	27400	19200	24800	18100	15800	17100	19900	14400	17900	19100	11600	14400
6	20600	18100	19800	18800	16600	17500	23700	18100	20800	17600	13200	15500
7	20800	11400	16100	21900	18500	20200	24300	17400	21200	18300	14500	16600
8	20300	14200	17800	23300	20800	21600	24500	16800	21400	21800	18000	19500
9	---	---	---	23900	18100	22500	24000	18400	21500	21900	18500	20200
10	---	---	---	18500	15100	16800	23100	20500	21700	21500	19000	20400
11	---	---	---	19700	16300	18600	22200	19400	21000	22400	18000	20300
12	---	---	---	21500	18300	20200	23700	21100	22300	23300	18500	21000
13	---	---	---	23800	17300	21300	24400	21200	22900	23600	15800	21800
14	---	---	---	24300	20900	22400	22700	15600	21200	22800	13300	17300
15	---	---	---	24500	21300	22600	19400	15100	18300	26700	17200	21700
16	---	---	---	21300	17300	19800	19500	14700	17100	25800	20200	22200
17	---	---	---	17900	12800	16600	18700	14800	16700	22800	20700	21900
18	---	---	---	16400	12800	15100	18300	14100	16000	23300	17400	20000
19	---	---	---	17900	14500	16200	17000	12500	14900	24000	18700	21900
20	---	---	---	15800	13100	14600	15100	12900	14000	24900	20800	23500
21	25700	22700	24500	17900	12300	14500	14300	12400	13200	26200	23300	24800
22	24800	21600	23300	24000	12100	17200	14300	10600	12400	26000	21000	23600
23	23000	18700	21300	25300	18300	22400	16300	13000	14900	26000	23700	24900
24	25100	16500	20700	26800	14700	20600	16200	13700	14900	28000	24200	26000
25	25800	20200	22400	26400	19200	22900	14900	13800	14400	28300	23900	26100
26	25800	17100	20000	25500	16800	20700	16300	14600	15800	28000	23900	26000
27	19900	10100	15800	21100	18100	19000	16000	13700	15000	25500	23900	24800
28	22600	19400	20400	23300	19300	21500	14800	13000	13800	24200	20300	22500
29	---	---	---	21000	14400	18400	14300	12200	13300	23000	19900	21800
30	---	---	---	19100	12200	15200	13700	10800	12600	22800	20100	21700
31	---	---	---	17200	12800	15400	---	---	---	22700	19300	21400
MONTH	---	---	---	26800	12100	19100	24500	10600	17300	28300	10000	20300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25500	19800	22100	14800	12300	13700	16800	11300	14300	31100	23600	26800
2	21900	20700	21600	14900	12600	13700	23000	12400	19000	30400	22800	26800
3	21400	16500	20700	14100	11400	13100	22500	18000	20600	27400	21600	24900
4	20100	15800	18100	13100	11500	12300	28900	20600	25900	27400	21000	24300
5	17000	14100	16000	13100	11100	12100	28200	19000	24500	25200	19000	22600
6	17100	14500	16400	11900	10100	10900	22600	16800	20600	25800	20500	23400
7	18200	16000	17000	11700	10400	11100	22700	15800	20000	29300	25500	27300
8	18700	15600	17300	12900	10700	11900	22500	15800	20200	29200	25500	27900
9	18200	14400	16100	12900	10500	11500	27300	21300	23900	26800	23000	25100
10	17100	11800	14500	13000	11000	12100	24900	20800	23000	24000	19200	21300
11	17100	12300	15000	13000	11200	12200	25400	23200	24300	22300	17600	20000
12	17300	14700	16200	12700	10800	11600	23900	21900	23000	22400	18300	20600
13	17600	14900	16300	11500	8910	10200	22400	18100	20200	24700	21500	22800
14	17600	15800	16900	10700	8720	9740	20300	16200	18300	28400	19700	24200
15	17100	15300	16200	10600	9700	10100	20300	17200	18400	22400	17200	20100
16	16700	14500	15700	---	---	---	21000	18500	19500	20000	17300	18600
17	15700	12900	14000	---	---	---	21800	18300	20000	19600	17000	18300
18	16000	14000	15200	---	---	---	21100	18100	19600	18400	16100	17700
19	16800	14800	15800	---	---	---	21700	17400	19400	18600	16400	17800
20	17600	15400	16600	---	---	---	21800	18200	19800	18900	17400	18200
21	17700	15900	16900	---	---	---	21000	17100	19300	19200	15500	18300
22	17200	13900	15100	---	---	---	20300	17100	19100	24700	18600	20000
23	16600	13600	14900	---	---	---	20100	16800	18600	---	---	---
24	16600	14200	15400	---	---	---	18600	15700	17700	---	---	---
25	16500	14400	15500	---	---	---	18400	14600	16800	---	---	---
26	15500	11300	14500	---	---	---	19100	14600	16800	---	---	---
27	14100	12700	13400	---	---	---	19100	15500	16700	---	---	---
28	15800	13400	14200	---	---	---	20200	17200	19500	---	---	---
29	16700	14600	16000	---	---	---	20600	17200	19600	---	---	---
30	15500	13600	14800	---	---	---	22200	19400	21400	---	---	---
31	---	---	---	---	---	---	25200	20500	22600	---	---	---
MONTH	25500	11300	16300	---	---	---	28900	11300	20100	---	---	---

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.4	22.5	22.9	20.3	18.9	19.4	19.5	18.4	18.9	10.7	8.4	9.3
2	24.0	22.9	23.4	21.3	19.9	20.7	18.9	18.2	18.6	8.5	7.2	7.7
3	24.6	23.4	24.0	21.9	20.7	21.4	19.4	18.1	18.7	7.3	6.2	6.6
4	24.7	23.9	24.3	22.5	21.1	21.7	19.8	18.6	19.1	7.0	5.7	6.3
5	25.0	24.1	24.5	21.2	20.3	20.8	20.7	19.1	19.8	7.4	6.3	6.8
6	24.7	23.3	24.4	21.0	19.8	20.4	21.3	19.8	20.6	8.8	7.4	8.2
7	23.3	21.8	22.4	21.5	20.1	20.8	21.9	20.5	21.1	8.6	8.0	8.3
8	22.9	21.6	22.3	21.7	20.8	21.2	21.8	21.2	21.5	8.4	7.7	8.1
9	24.0	22.6	23.2	21.8	20.9	21.4	21.5	19.4	20.4	9.4	8.4	8.8
10	24.0	23.4	23.7	22.1	20.9	21.4	19.4	18.8	19.0	10.5	9.2	9.8
11	24.4	23.7	24.0	22.0	21.1	21.6	18.8	18.1	18.4	11.3	10.1	10.9
12	24.6	24.0	24.3	22.1	21.4	21.7	19.3	18.2	18.7	12.4	11.2	11.7
13	25.2	24.3	24.6	21.4	20.9	21.2	20.2	19.2	19.7	12.6	10.9	11.8
14	24.6	22.8	23.5	21.3	20.5	20.9	20.3	19.5	20.0	12.4	11.8	12.2
15	23.6	22.6	23.1	21.4	20.4	20.9	19.5	19.0	19.3	13.0	11.8	12.4
16	23.2	20.8	22.3	21.1	20.3	20.6	20.9	19.3	19.9	13.4	11.7	12.6
17	20.8	18.4	19.3	21.0	19.8	20.3	21.0	20.0	20.5	14.6	12.6	13.5
18	19.1	17.6	18.3	21.3	19.9	20.5	20.0	18.8	19.3	15.4	13.7	14.6
19	19.8	18.0	18.9	21.9	20.5	21.1	19.3	17.7	18.7	17.9	14.8	16.2
20	21.0	19.2	19.9	21.6	19.6	20.6	17.7	15.8	16.5	16.0	14.3	14.6
21	22.3	20.5	21.3	19.6	18.3	18.7	15.9	15.4	15.7	15.7	14.3	14.9
22	23.6	21.7	22.5	18.6	17.9	18.3	16.5	15.2	15.9	16.2	15.2	15.6
23	24.5	22.6	23.4	19.5	18.4	18.9	16.6	15.6	16.4	18.0	16.2	17.0
24	25.8	23.9	24.7	20.8	19.4	20.1	15.6	14.3	14.9	19.2	17.9	18.6
25	25.2	23.1	24.2	20.7	20.1	20.4	15.2	12.6	14.0	19.2	17.3	18.3
26	23.1	20.5	21.7	21.7	20.4	21.0	12.7	12.2	12.5	17.4	16.4	16.9
27	20.5	18.3	19.5	22.1	21.6	21.9	12.7	11.5	12.0	16.8	16.6	16.7
28	18.3	16.7	17.3	22.5	21.7	22.1	11.8	11.1	11.5	18.2	16.6	17.3
29	17.5	16.1	16.9	22.5	20.6	21.9	12.7	11.7	12.1	19.7	17.4	18.5
30	18.1	16.7	17.5	20.6	19.1	19.6	12.4	11.3	11.8	20.7	18.5	19.5
31	19.1	17.7	18.4	---	---	---	11.7	10.7	11.0	21.4	19.4	20.4
MONTH	25.8	16.1	22.0	22.5	17.9	20.7	21.9	10.7	17.3	21.4	5.7	13.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	20.8	17.2	19.4	12.4	11.5	11.9	22.5	21.1	21.7	27.9	26.4	27.1
2	17.2	15.5	16.2	13.5	12.4	12.6	22.6	20.7	21.7	28.2	26.2	27.3
3	16.4	15.9	16.2	13.4	9.6	11.8	24.0	22.3	23.0	28.7	26.9	27.7
4	16.0	14.0	15.0	9.6	7.8	8.6	23.1	20.4	21.7	29.1	27.3	28.2
5	14.0	13.0	13.2	10.4	8.9	9.7	20.4	18.8	19.7	30.1	28.1	29.0
6	13.1	11.9	12.7	11.7	9.8	10.9	19.6	18.2	18.8	29.6	28.2	29.0
7	11.9	10.1	10.8	13.7	11.6	12.6	20.0	18.0	19.2	30.0	28.4	29.2
8	10.8	9.7	10.2	15.1	13.6	14.4	21.1	19.7	20.3	29.6	28.1	28.8
9	---	---	---	16.7	15.1	15.8	20.7	20.1	20.4	29.5	27.7	28.5
10	---	---	---	16.8	14.9	15.5	22.4	20.4	21.2	29.5	28.1	28.6
11	---	---	---	15.8	14.2	14.9	22.2	21.6	21.9	29.3	28.0	28.6
12	---	---	---	17.3	15.1	16.1	22.8	21.6	22.1	29.7	28.0	28.8
13	---	---	---	16.6	15.9	16.2	22.7	21.9	22.3	29.0	26.2	28.2
14	---	---	---	17.5	15.8	16.8	23.4	22.0	22.6	26.2	24.8	25.5
15	---	---	---	19.9	17.2	18.4	24.8	22.8	23.6	25.7	24.2	24.9
16	---	---	---	21.1	19.3	20.0	25.6	23.7	24.6	26.3	24.2	25.2
17	---	---	---	23.4	20.7	21.8	26.3	24.4	25.3	27.1	25.6	26.3
18	---	---	---	24.1	22.6	23.2	27.0	25.2	26.1	26.6	23.3	25.2
19	---	---	---	24.4	23.2	23.9	27.7	26.0	26.7	23.3	21.6	22.2
20	---	---	---	24.2	23.4	23.9	27.9	26.2	27.1	21.9	20.4	21.2
21	18.3	17.4	17.9	24.0	20.9	22.7	28.1	26.4	27.2	22.7	21.1	22.0
22	18.3	15.8	17.3	20.9	17.9	19.1	28.5	26.5	27.3	22.9	21.4	22.2
23	15.8	14.2	14.9	18.2	16.4	17.4	28.2	26.6	27.4	23.7	21.7	22.7
24	15.8	14.1	15.0	18.9	16.7	17.8	28.2	26.3	27.2	24.9	22.8	23.7
25	17.0	15.0	16.0	20.0	18.2	19.1	28.8	26.6	27.4	26.1	24.3	25.1
26	16.8	14.2	16.2	21.4	19.9	20.5	28.4	26.8	27.6	27.1	25.2	25.9
27	14.2	11.1	12.2	20.3	19.1	19.7	28.3	27.1	27.6	27.8	26.1	26.8
28	11.8	10.3	11.1	21.4	19.7	20.6	28.5	26.8	27.5	28.4	26.7	27.5
29	---	---	---	22.4	20.5	21.3	29.0	27.0	27.7	28.4	27.5	28.0
30	---	---	---	23.1	21.8	22.4	28.7	27.1	27.8	28.3	27.1	27.8
31	---	---	---	22.9	22.1	22.6	---	---	---	28.7	27.1	27.9
MONTH	---	---	---	24.4	7.8	17.5	29.0	18.0	24.2	30.1	20.4	26.4

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.6	27.5	28.4	31.3	30.1	30.7	30.4	29.6	29.9	29.6	28.6	29.2
2	30.0	28.3	28.9	30.9	30.4	30.7	30.6	29.6	30.0	29.0	28.3	28.6
3	30.1	28.8	29.4	31.2	30.6	30.9	30.9	29.4	30.2	28.5	28.0	28.2
4	30.6	29.3	29.9	31.3	30.1	30.7	30.3	28.7	29.5	28.0	27.2	27.6
5	30.5	29.0	29.8	31.1	30.1	30.6	29.3	27.8	28.5	27.9	27.0	27.4
6	30.9	29.4	30.0	31.7	30.1	30.8	28.8	28.4	28.5	27.8	27.2	27.6
7	31.0	30.1	30.5	31.6	30.4	30.9	30.6	28.3	29.1	27.2	26.8	27.1
8	31.3	30.1	30.6	31.2	30.3	30.7	30.6	29.3	29.8	27.0	26.7	26.8
9	30.9	29.7	30.5	31.0	29.9	30.4	29.3	28.4	29.0	28.0	26.7	27.2
10	30.2	28.8	29.4	31.0	30.0	30.4	28.7	27.4	28.1	29.0	27.5	28.1
11	29.9	28.8	29.2	31.4	29.7	30.5	28.5	27.6	28.1	28.8	28.1	28.5
12	30.6	28.9	29.4	31.7	30.5	31.1	29.0	27.6	28.0	30.4	28.7	29.3
13	31.1	29.6	30.2	31.0	30.1	30.6	28.3	27.4	27.8	29.6	28.8	29.2
14	31.4	29.8	30.5	30.4	29.2	29.7	29.0	27.7	28.3	29.3	28.1	28.7
15	30.4	29.0	29.6	31.2	28.9	29.9	29.2	28.0	28.6	29.9	28.6	29.1
16	29.1	28.1	28.7	---	---	---	29.3	28.5	28.9	30.5	28.8	29.4
17	29.6	27.9	28.6	---	---	---	30.3	28.6	29.2	30.0	29.1	29.5
18	29.2	27.9	28.4	---	---	---	30.9	29.3	29.9	30.2	29.0	29.4
19	29.3	27.9	28.5	---	---	---	30.7	29.9	30.3	30.4	28.8	29.5
20	29.5	28.3	28.8	---	---	---	31.1	29.7	30.4	30.1	29.0	29.5
21	29.7	28.4	28.9	---	---	---	31.0	30.1	30.5	30.5	29.2	29.8
22	28.8	27.4	28.0	---	---	---	30.4	29.6	29.9	30.4	29.1	29.7
23	28.1	27.1	27.5	---	---	---	30.6	29.2	29.8	---	---	---
24	28.6	27.1	27.8	---	---	---	31.5	30.0	30.6	---	---	---
25	28.7	27.7	28.2	---	---	---	31.3	29.9	30.5	---	---	---
26	28.6	27.7	28.1	---	---	---	31.6	30.2	30.9	---	---	---
27	28.8	27.4	28.0	---	---	---	32.0	29.8	30.7	---	---	---
28	29.6	27.8	28.6	---	---	---	31.6	31.1	31.4	---	---	---
29	30.2	28.4	29.1	---	---	---	31.3	30.0	30.7	---	---	---
30	31.0	29.5	30.1	---	---	---	30.7	29.7	30.2	---	---	---
31	---	---	---	---	---	---	30.0	29.4	29.6	---	---	---
MONTH	31.4	27.1	29.1	---	---	---	32.0	27.4	29.6	---	---	---

07374527 NORTHEAST BAY GARDENE NEAR POINTE A LA HACHE, LA

LOCATION.--Lat 29°35'04", long 89°36'23", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 13.0 mi east southeast of Point-A-La-Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Oct. 1, 1995, datum of gage was 8.1 ft below NGVD of 1929.

REMARKS.--Stage affected by wind and tide. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 8.80 ft, Sept. 27, 1998; minimum recorded, -2.64 ft, Mar. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.71 ft, Sept. 26; minimum gage height, -1.11 ft, Jan. 9.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	2.42	0.80	1.60	2.21	0.34	1.25	2.72	0.35	1.31
2	1.57	0.99	1.23	2.51	0.97	1.78	2.10	-0.07	0.90	2.79	-0.14	1.05
3	1.63	0.77	1.20	2.57	1.30	1.93	1.93	-0.16	0.92	1.21	-1.08	-0.03
4	1.77	0.89	1.42	2.74	0.99	1.81	2.09	-0.12	1.00	0.77	-0.55	0.03
5	2.23	1.01	1.61	2.82	1.12	1.96	2.26	0.16	1.17	2.78	0.51	1.36
6	2.50	1.03	1.69	2.34	0.51	1.43	1.83	0.27	1.06	1.69	-1.06	-0.28
7	2.99	1.10	1.98	2.12	0.61	1.36	1.72	0.28	0.99	0.40	-0.95	-0.30
8	2.73	1.27	1.93	2.17	0.72	1.47	1.52	0.61	1.10	0.27	-0.86	-0.23
9	3.17	1.95	2.51	1.93	0.64	1.29	1.57	0.85	1.14	0.75	-1.11	-0.12
10	3.34	1.65	2.52	1.79	0.60	1.26	1.39	0.75	1.01	1.21	-0.86	0.20
11	3.32	1.42	2.41	1.74	1.12	1.39	2.22	0.54	1.27	1.21	-0.81	0.30
12	3.25	1.25	2.38	1.75	0.91	1.36	1.96	0.42	1.16	1.33	-0.60	0.42
13	3.63	1.69	2.57	2.88	0.87	1.88	2.16	0.01	1.10	1.59	-0.60	0.46
14	2.23	0.81	1.54	2.61	1.32	1.94	2.06	-0.50	0.80	1.61	-0.15	0.82
15	3.18	1.70	2.40	2.28	0.91	1.56	2.51	0.72	1.54	1.64	-0.12	0.57
16	1.73	0.87	1.39	2.10	0.38	1.19	2.53	0.17	1.29	1.12	-0.11	0.53
17	2.19	1.52	1.92	1.81	0.07	1.00	2.58	-0.10	0.94	1.02	-0.26	0.45
18	2.20	0.64	1.44	1.96	-0.24	0.81	1.53	0.18	0.83	1.05	-0.21	0.45
19	2.20	0.48	1.32	2.07	0.23	1.06	1.56	-0.46	0.45	0.76	-0.43	0.22
20	2.29	0.50	1.42	1.91	0.30	1.01	1.29	0.17	0.80	1.23	0.40	0.97
21	2.34	0.63	1.47	2.19	0.66	1.38	1.58	0.55	1.03	1.00	0.20	0.66
22	2.20	0.70	1.47	2.11	0.88	1.50	1.86	0.81	1.16	1.41	0.23	0.85
23	2.30	0.98	1.63	2.51	0.80	1.48	2.00	0.86	1.23	1.34	0.07	0.79
24	2.27	0.58	1.47	2.26	1.18	1.68	1.27	1.05	1.17	1.60	-0.15	0.80
25	2.55	1.16	1.78	1.71	1.15	1.46	1.29	0.67	1.00	1.58	0.07	0.90
26	2.68	1.06	1.99	1.59	1.17	1.31	0.97	-0.12	0.36	1.69	0.07	0.90
27	1.55	0.60	1.14	2.07	0.72	1.43	1.27	-0.66	0.25	1.97	-0.11	0.90
28	1.90	0.92	1.43	2.55	0.98	1.71	2.09	-0.35	0.86	2.00	-0.43	0.77
29	1.73	0.91	1.29	2.44	1.18	1.65	1.98	-0.31	0.88	2.00	-0.32	0.86
30	1.67	0.83	1.29	2.25	-0.09	1.14	2.18	0.55	1.29	1.88	-0.08	0.93
31	1.91	0.75	1.37	---	---	---	2.20	0.18	1.23	1.84	0.26	1.05
MONTH	---	---	---	2.88	-0.24	1.46	2.58	-0.66	1.01	2.79	-1.11	0.57

07374527 NORTHEAST BAY GARDENE NEAR POINTE A LA HACHE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.51	-0.18	0.49	2.68	1.13	1.85	2.26	0.26	1.35	1.57	-0.54	0.56
2	1.11	0.20	0.74	3.49	1.13	2.36	2.26	0.11	1.27	1.73	-0.37	0.73
3	0.78	-0.05	0.54	1.21	-0.03	0.74	1.95	0.20	1.12	1.63	-0.12	0.79
4	1.04	-0.20	0.48	0.32	-0.64	-0.19	1.81	0.55	1.21	1.34	-0.19	0.61
5	3.47	0.27	1.87	0.92	-1.05	-0.06	1.58	0.29	0.91	1.56	0.10	0.91
6	2.86	0.99	1.60	1.33	-0.77	0.33	1.97	0.56	1.21	1.62	0.50	1.08
7	1.66	-0.72	0.41	1.63	-0.17	0.77	2.24	0.34	1.10	1.47	0.80	1.13
8	1.28	-0.27	0.58	1.96	-0.08	1.00	2.56	0.95	1.84	1.30	0.89	1.08
9	1.56	-0.54	0.56	1.53	0.18	0.85	2.75	1.78	2.25	1.37	0.65	1.09
10	1.44	-0.40	0.54	1.57	0.75	1.14	1.87	0.95	1.45	1.54	0.78	1.24
11	0.97	-0.15	0.31	1.55	0.28	0.95	2.02	1.27	1.57	1.77	0.56	1.29
12	1.06	-0.44	0.37	1.55	-0.03	0.67	2.13	1.28	1.71	2.07	0.29	1.35
13	1.06	-0.53	0.37	1.02	0.34	0.69	2.26	0.92	1.59	1.71	-0.29	0.94
14	0.98	0.45	0.67	1.31	0.50	0.93	1.78	0.29	1.33	2.95	-0.29	1.69
15	0.88	0.29	0.67	1.37	0.75	1.03	1.69	0.26	1.08	2.66	0.37	1.72
16	0.90	0.28	0.56	1.21	0.56	0.96	1.86	0.22	1.15	2.30	0.55	1.38
17	0.65	0.13	0.38	1.31	0.41	0.93	2.00	0.22	1.14	1.97	0.21	1.11
18	1.51	0.13	0.94	1.54	0.37	1.07	1.91	0.00	0.99	1.77	0.06	1.00
19	2.06	0.83	1.40	1.87	0.37	1.14	1.88	-0.20	0.90	2.33	1.19	1.72
20	2.06	0.92	1.49	1.82	0.16	1.16	1.61	-0.14	0.81	2.00	0.82	1.41
21	2.06	0.45	1.29	1.75	-0.04	1.09	1.44	-0.03	0.79	1.67	0.47	1.11
22	1.68	0.14	1.06	1.80	0.32	1.05	1.52	-0.30	0.67	1.77	0.35	1.08
23	1.40	0.10	0.83	1.71	0.14	0.98	1.90	0.82	1.43	1.41	0.95	1.19
24	1.54	-0.48	0.62	2.06	-0.28	0.99	1.46	0.53	1.07	2.04	0.62	1.37
25	1.79	-0.44	0.69	1.98	0.38	1.34	1.46	0.80	1.14	1.96	0.38	1.36
26	1.74	-0.49	0.42	1.72	0.38	1.05	2.13	0.56	1.61	2.19	0.31	1.37
27	1.14	-1.04	-0.14	1.47	0.54	1.01	2.08	0.20	1.42	2.31	0.17	1.35
28	1.45	0.09	0.74	1.37	0.59	0.96	1.85	-0.37	1.06	2.43	0.02	1.34
29	---	---	---	1.24	0.12	0.74	2.08	-0.39	0.92	2.52	0.38	1.49
30	---	---	---	1.50	0.30	0.93	1.81	-0.35	0.72	2.43	0.39	1.40
31	---	---	---	1.84	0.33	1.09	---	---	---	2.29	0.58	1.50
MONTH	3.47	-1.04	0.73	3.49	-1.05	0.95	2.75	-0.39	1.23	2.95	-0.54	1.21

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.85	0.52	1.22	1.47	0.45	1.01	1.21	0.30	0.81	2.78	1.47	2.23
2	1.56	0.40	1.09	1.21	0.53	0.89	1.54	0.57	1.21	2.96	0.95	2.03
3	1.50	0.49	1.07	1.09	0.42	0.75	2.27	0.98	1.66	3.03	0.97	2.10
4	1.32	0.77	1.11	1.02	0.13	0.66	3.19	1.28	2.47	3.15	1.00	2.13
5	1.87	1.03	1.39	1.17	0.08	0.64	2.82	0.36	1.67	2.74	0.83	1.83
6	1.65	0.73	1.31	1.56	0.46	1.11	2.22	0.09	1.36	3.09	0.83	2.18
7	1.64	0.34	1.19	1.74	0.05	1.04	2.34	-0.21	1.31	3.72	2.13	2.93
8	1.86	0.49	1.19	2.27	0.13	1.42	2.27	-0.21	1.35	3.41	2.12	2.84
9	2.33	0.67	1.64	2.21	0.38	1.40	3.18	1.16	2.23	2.75	2.00	2.35
10	2.62	0.67	1.81	2.79	0.38	1.74	3.28	1.25	2.29	2.44	1.45	1.94
11	2.73	0.60	1.73	2.63	0.62	1.67	2.71	1.47	2.13	2.17	0.87	1.54
12	2.30	0.40	1.39	2.53	0.45	1.51	1.90	1.15	1.59	2.45	1.38	1.84
13	2.19	0.19	1.21	1.88	0.23	1.16	1.75	0.92	1.31	3.51	1.82	2.62
14	1.66	0.00	0.85	1.29	0.20	0.71	1.74	0.58	1.17	4.00	0.82	2.32
15	2.37	0.20	1.40	0.93	0.06	0.59	2.12	0.87	1.50	2.26	0.32	1.46
16	1.67	0.13	0.97	1.02	0.35	0.69	2.13	0.59	1.50	2.06	0.36	1.28
17	1.88	0.43	1.30	0.99	0.41	0.68	2.32	0.51	1.53	1.98	0.35	1.24
18	1.85	1.09	1.50	1.33	0.24	0.83	2.33	0.49	1.53	1.72	0.43	1.15
19	1.70	1.08	1.43	1.29	0.08	0.80	2.22	0.37	1.39	1.79	0.54	1.32
20	1.93	0.78	1.37	1.50	-0.11	0.91	2.36	0.53	1.57	1.90	0.89	1.48
21	2.42	0.92	1.70	1.63	-0.02	0.87	2.36	0.53	1.44	2.44	0.98	1.92
22	3.03	0.93	2.07	1.82	-0.28	0.99	2.10	0.57	1.39	3.77	2.08	2.54
23	2.44	0.35	1.65	1.89	-0.27	0.89	1.99	0.63	1.33	3.55	3.03	3.29
24	2.34	0.19	1.43	2.02	-0.27	0.95	1.83	0.64	1.29	4.68	3.28	3.96
25	2.39	0.16	1.36	2.04	-0.25	0.92	1.54	0.62	1.20	7.55	4.14	5.20
26	2.28	0.04	1.01	1.69	0.04	0.93	1.70	0.88	1.30	7.71	1.18	3.47
27	1.95	-0.17	0.97	1.56	0.09	0.90	1.36	0.85	1.19	2.53	1.24	1.89
28	1.83	-0.05	0.91	1.34	0.13	0.84	1.43	1.14	1.26	2.61	1.08	1.92
29	1.80	0.00	0.98	1.20	0.61	0.85	1.65	1.10	1.34	2.33	0.68	1.54
30	1.57	0.51	1.11	1.30	0.65	0.94	2.04	1.33	1.68	2.30	0.90	1.64
31	---	---	---	1.34	0.78	1.02	2.28	1.60	1.95	---	---	---
MONTH	3.03	-0.17	1.31	2.79	-0.28	0.98	3.28	-0.21	1.51	7.71	0.32	2.21

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1992 to current year.
WATER TEMPERATURES: January 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Records excellent except for the periods Mar. 13-May 15, and July 11-31, which are good.
WATER TEMPERATURES: Records good except for the period Jan. 5-10, which is fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 43,900 microsiemens/cm, Nov. 19, 2000; minimum, 1,300 microsiemens, Feb. 3, 1994.
WATER TEMPERATURES: Maximum, 34.5 °C, July 17, 2002; minimum, 2.5° C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 34,100 microsiemens/cm, Sept. 25; minimum, 4,470 microsiemens/cm, Feb. 27.
WATER TEMPERATURE: Maximum, 34.5°C, July 17; minimum, 4.8°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	23400	18600	20000	23100	19000	20400	22400	17400	18900
2	---	---	---	24900	19800	21200	21500	18100	19700	25500	16100	19800
3	20500	18900	19600	23200	20400	21900	20900	17300	19300	17200	8830	12900
4	21900	19200	20400	23500	21000	21800	20800	18400	19800	15100	11300	12600
5	26500	19400	22500	24400	20300	22300	21500	19000	20200	27200	12500	17500
6	26900	22000	24000	22100	19600	21000	21100	18900	19900	22600	8260	12500
7	27000	24100	25700	22100	19300	20800	20300	18200	19500	11500	6230	8290
8	27500	24100	25500	22600	19700	21200	20100	17800	19400	11500	7080	8470
9	29900	26200	28400	21800	18300	20600	20100	18600	19500	13300	5370	8800
10	30200	27400	28500	21500	18700	20000	18600	18200	18400	16300	7140	10500
11	30400	25600	28500	21300	19800	20700	20300	18300	18700	16500	8500	12300
12	27800	25000	26400	21800	19300	20700	20800	18100	19100	15600	9550	12100
13	27400	23800	25400	24600	19600	21300	21000	17600	19100	14100	10400	12300
14	25500	22300	23500	24600	21600	22900	21000	16000	18200	14400	11200	12900
15	26200	23500	24900	24300	21400	22700	20900	18200	18800	14500	10300	12100
16	25400	19700	22500	23000	20100	21800	22100	18100	19300	13200	10000	11600
17	23800	20200	22400	22000	18500	20400	22800	17200	19600	12100	8940	10600
18	23700	20800	21900	21100	17200	19000	18900	16800	18000	11600	8770	10500
19	22300	19000	21000	21500	18900	19900	18600	13900	16600	10800	6150	8960
20	22400	19200	20700	20300	17900	19100	16700	14700	15600	12700	7380	10700
21	22100	20000	21000	20100	18500	19300	17800	15600	16500	13100	9350	11400
22	21700	19600	20700	21000	19500	20400	20900	16500	17600	12700	10800	11900
23	21800	19600	20700	23600	19100	20700	24000	17600	19700	13100	9280	11100
24	22400	17900	20400	25400	20000	22300	19600	18000	18700	13600	8270	10400
25	22500	19200	20900	21400	19600	20700	20000	16900	18400	16300	8860	11200
26	23100	20900	21700	21200	19600	20400	18600	13800	15600	16300	9850	12300
27	21800	17900	20700	24300	18700	21100	20200	9680	13400	16900	10700	12300
28	22300	17800	19400	24600	22000	23500	22600	13500	17300	16900	9660	12500
29	20700	18000	19400	25400	20300	23100	23200	13900	17900	16400	9430	12500
30	20400	17700	19400	23100	18400	20100	20600	17100	18500	15000	9880	12300
31	20200	18200	19300	---	---	---	20500	17400	18500	15000	10000	12400
MONTH	---	---	---	25400	17200	21000	24000	9680	18400	27200	5370	12100

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14400	6610	9650	24400	18700	22500	15600	11800	13500	12400	7580	9870
2	12400	8130	10700	24400	22100	23800	14800	11200	13000	12700	8270	10300
3	11400	7960	10300	22600	15600	19600	14100	12200	13100	16400	9930	12100
4	11000	7180	9330	18300	11500	13800	13600	11400	12600	15300	9600	12500
5	26700	8600	18100	14900	7850	12200	12500	10800	11600	20800	10800	17200
6	26400	17500	22500	16600	11300	13400	16300	11300	13500	24000	16600	19900
7	20200	6840	12600	17300	13200	14600	17100	11800	13500	22900	16300	20200
8	16700	9020	12700	18100	13600	15200	19100	15700	17300	23200	19300	21000
9	17600	7220	11400	16400	14100	15100	19900	16800	18300	25300	16700	22500
10	17600	7750	11600	19800	14400	16500	18400	14200	15700	24800	18700	23700
11	14500	7330	9820	19800	14600	16700	15900	13000	14700	24900	21900	23900
12	14500	6550	10000	19200	12500	15100	17800	14100	15900	24200	21300	23300
13	12800	5910	9410	14500	12200	13700	16200	14400	15300	23500	17100	21400
14	12500	10200	11300	15000	12200	14000	15500	11400	14400	22600	15700	20400
15	12900	9480	11200	16100	11600	13800	13700	11000	12600	23200	11700	19900
16	14600	9050	11400	13200	9120	11700	14700	10800	12700	---	---	---
17	11600	6850	9960	13900	8330	11200	14900	10400	12700	---	---	---
18	17700	6850	14000	15000	8330	11700	14600	10400	12400	---	---	---
19	22000	13700	16900	15300	8010	11900	13800	9130	11700	---	---	---
20	21000	13300	16100	16400	8830	13300	12900	9340	11300	---	---	---
21	16500	12000	14400	13700	8410	11100	12300	9310	10800	---	---	---
22	17900	11900	14700	13900	7600	10200	12000	7220	9590	---	---	---
23	17100	12000	14200	13500	7300	9870	13300	10800	12200	---	---	---
24	16800	9070	12700	15800	7510	10800	13100	11300	12100	---	---	---
25	17600	10300	13200	18100	10900	14000	12300	11000	11800	---	---	---
26	17600	10400	13300	17200	11500	12900	13500	12100	12600	---	---	---
27	17500	4470	9740	16100	12100	13400	13300	11600	12600	---	---	---
28	19500	14400	16700	14700	11500	13200	12700	9750	11800	---	---	---
29	---	---	---	13200	8160	10900	12100	9520	10700	---	---	---
30	---	---	---	14800	8210	11800	11700	9820	10800	---	---	---
31	---	---	---	14800	11200	13100	---	---	---	---	---	---
MONTH	26700	4470	12800	24400	7300	13900	19900	7220	13000	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	11600	9040	10200	19100	16800	18100
2	---	---	---	---	---	---	13700	9460	11500	20500	16300	18300
3	---	---	---	11100	9730	10800	17000	11800	14300	21500	16300	19200
4	---	---	---	12400	10500	11100	24100	13800	20000	22000	17400	19400
5	---	---	---	12400	10900	11500	25200	14400	19800	19200	15800	18700
6	---	---	---	11900	9800	10700	20900	13700	17300	18600	14900	17000
7	---	---	---	11100	10100	10600	20000	12900	16900	22900	18200	20900
8	---	---	---	11200	9350	9980	19500	12300	15800	21400	18200	20300
9	---	---	---	10300	8400	9560	23300	16800	19900	20300	16900	19300
10	---	---	---	11700	8880	9750	26600	18900	22100	20000	14200	17300
11	---	---	---	11000	8570	9720	23500	21600	22600	18600	11800	15400
12	---	---	---	10400	9100	9910	22600	16600	19800	16900	13300	15100
13	---	---	---	10400	8880	9890	17100	12900	15100	19400	14800	17300
14	---	---	---	10700	8760	9920	15500	11500	13300	19300	15300	17600
15	---	---	---	9650	8690	9290	15600	11600	13400	18300	12600	16200
16	---	---	---	9720	8730	9200	15400	11900	13300	16400	13500	14900
17	---	---	---	10300	9020	9920	16300	12500	14000	16000	12300	14100
18	---	---	---	10300	9620	9940	16000	12100	14000	14600	12600	13900
19	---	---	---	10400	9190	9830	15500	12300	13700	14100	12200	13200
20	---	---	---	10300	9270	9930	16100	12700	14300	16000	14000	14700
21	---	---	---	11200	9820	10100	16000	13800	15400	16300	14200	15500
22	---	---	---	12000	9610	10400	16600	14000	15700	16300	15100	16000
23	---	---	---	11500	9760	10400	15500	13300	15000	19600	15300	17600
24	---	---	---	11900	9700	10600	16700	13700	15500	25200	18800	22000
25	---	---	---	12300	9490	10700	16400	13600	15400	34100	24600	28500
26	---	---	---	11600	9910	10900	14400	13000	13800	32900	18400	25200
27	---	---	---	11300	9690	10700	13800	12500	13200	19000	15300	17300
28	---	---	---	11400	10100	10700	13600	12200	13100	18500	13200	15700
29	---	---	---	11800	10600	11200	13600	12200	13100	15400	11200	13400
30	---	---	---	11500	10100	10700	15000	13600	14200	13000	11500	12400
31	---	---	---	11100	10200	10700	18000	14800	16000	---	---	---
MONTH	---	---	---	---	---	---	26600	9040	15500	34100	11200	17500

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	20.7	19.0	19.8	19.5	18.1	18.7	10.2	7.9	8.9
2	---	---	---	21.9	19.9	21.1	18.8	18.0	18.5	8.0	6.5	7.1
3	24.8	23.2	24.0	22.6	21.1	21.7	19.5	17.9	18.7	6.5	5.4	6.0
4	25.1	23.8	24.4	22.8	21.4	22.1	20.2	18.6	19.4	6.7	4.8	5.8
5	25.6	24.3	24.9	21.6	20.6	21.1	20.9	19.4	20.2	7.8	6.2	6.8
6	25.3	23.4	24.8	21.5	20.1	20.8	21.6	20.3	20.9	9.4	7.7	8.5
7	23.4	21.9	22.5	21.8	20.6	21.2	22.2	21.0	21.5	9.0	8.2	8.6
8	23.7	21.7	22.5	22.2	20.8	21.5	22.5	21.3	21.8	9.1	7.6	8.3
9	24.3	22.8	23.5	22.2	21.4	21.8	21.6	19.3	20.3	10.4	8.4	9.4
10	24.3	23.7	24.1	22.3	21.2	21.6	19.3	18.6	18.9	11.2	9.8	10.3
11	24.6	23.9	24.3	22.0	21.3	21.7	18.9	18.2	18.4	12.3	10.4	11.4
12	24.9	24.2	24.5	22.1	21.2	21.6	19.5	18.1	18.8	12.7	11.7	12.3
13	25.5	24.5	24.8	21.7	20.9	21.3	20.6	19.2	19.9	12.8	11.7	12.2
14	24.9	22.8	23.5	21.5	20.7	21.1	20.5	19.7	20.2	12.6	12.1	12.4
15	23.8	22.4	23.1	21.6	20.6	21.1	19.8	19.1	19.4	13.4	12.0	12.7
16	23.2	20.4	22.3	21.2	20.3	20.8	20.8	19.3	20.0	13.9	12.1	13.0
17	20.4	18.2	18.9	21.3	19.8	20.5	21.1	20.0	20.6	14.7	12.9	13.8
18	19.2	17.3	18.2	21.7	20.2	20.9	20.3	19.0	19.7	15.8	14.0	14.9
19	20.3	18.0	19.1	22.3	20.8	21.6	19.4	17.6	18.9	18.3	15.4	16.7
20	21.6	19.4	20.5	21.9	19.3	20.9	17.6	15.1	16.1	16.4	14.3	14.9
21	23.1	20.8	21.8	19.3	18.4	18.9	15.8	14.7	15.3	15.9	14.3	15.1
22	24.1	22.3	23.1	18.8	18.2	18.5	16.8	15.2	15.9	16.7	15.5	16.1
23	24.7	23.4	23.9	19.9	18.5	19.2	16.9	15.6	16.6	18.4	16.6	17.5
24	25.7	24.3	25.0	21.3	19.8	20.5	15.6	13.8	14.7	20.4	18.1	19.3
25	25.3	22.9	24.3	21.4	20.4	20.9	13.8	12.2	13.1	20.1	17.5	18.8
26	22.9	20.4	21.5	21.9	20.8	21.4	12.6	11.5	12.0	17.5	16.5	16.9
27	20.4	17.9	19.5	22.3	21.5	21.9	11.9	10.5	11.3	17.0	16.6	16.8
28	17.9	15.7	16.7	22.9	21.9	22.4	12.0	10.8	11.5	18.4	16.8	17.6
29	17.3	15.7	16.6	22.7	20.4	22.1	12.9	11.3	12.1	20.1	17.5	18.9
30	18.2	16.5	17.4	20.4	18.6	19.3	12.5	11.6	12.0	20.9	19.0	20.0
31	19.5	17.7	18.7	---	---	---	11.7	10.1	10.8	22.2	20.2	21.1
MONTH	---	---	---	22.9	18.2	21.0	22.5	10.1	17.3	22.2	4.8	13.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.7	17.2	19.7	12.4	11.0	11.7	22.6	21.1	21.7	27.8	26.3	27.0
2	17.2	14.9	15.7	13.7	12.3	12.8	22.6	20.5	21.5	28.0	26.2	27.1
3	15.6	14.8	15.2	13.6	9.3	11.6	24.0	22.2	23.0	28.3	26.7	27.4
4	15.4	13.7	14.4	9.3	7.0	8.3	23.1	20.0	21.3	29.2	27.0	28.0
5	13.7	12.7	13.0	10.0	7.4	8.9	20.0	18.1	19.1	29.6	27.8	28.5
6	13.1	12.2	12.8	11.7	9.5	10.7	19.2	16.9	18.3	29.3	28.0	28.5
7	12.2	10.4	11.0	13.5	11.5	12.5	20.1	17.6	18.8	29.3	27.9	28.6
8	11.1	9.7	10.3	15.3	13.5	14.4	21.7	19.7	20.5	29.4	28.1	28.7
9	12.2	10.4	11.3	17.2	15.1	16.1	20.8	20.1	20.4	30.1	27.8	28.7
10	13.5	12.0	12.6	16.7	14.0	15.0	22.9	20.2	21.3	29.5	28.1	28.9
11	13.2	11.8	12.5	15.9	13.9	14.9	22.5	21.9	22.2	29.5	27.8	28.5
12	13.3	11.6	12.5	17.9	15.3	16.5	23.0	21.5	22.1	29.3	27.4	28.2
13	13.3	12.6	13.0	17.2	16.1	16.5	22.7	22.0	22.4	28.7	26.0	27.9
14	14.3	12.3	13.2	17.9	15.8	16.9	24.2	21.8	22.7	26.0	23.8	24.5
15	14.3	13.1	13.7	20.0	17.5	18.6	24.4	22.6	23.4	25.3	23.3	24.2
16	15.8	14.0	14.8	21.7	19.5	20.6	25.3	23.5	24.4	---	---	---
17	16.1	14.2	15.2	23.6	21.0	22.2	26.0	24.3	25.0	---	---	---
18	16.4	15.1	15.8	23.8	22.5	23.2	26.8	25.0	25.8	---	---	---
19	17.0	15.7	16.3	24.3	23.1	23.7	27.5	25.6	26.5	---	---	---
20	18.0	16.9	17.4	24.2	23.3	23.8	27.9	26.0	26.9	---	---	---
21	18.6	17.3	18.0	24.1	20.9	22.6	28.1	26.2	27.2	---	---	---
22	18.4	16.0	17.2	20.9	17.3	18.6	28.0	26.4	27.2	---	---	---
23	16.0	13.8	14.7	18.2	15.7	16.9	28.0	26.7	27.3	---	---	---
24	15.8	14.0	14.9	19.1	16.4	17.8	28.3	26.4	27.3	---	---	---
25	17.2	15.0	16.1	20.3	18.3	19.3	28.7	26.8	27.6	---	---	---
26	16.9	14.3	16.4	22.0	20.1	20.9	28.4	26.4	27.5	---	---	---
27	14.3	11.2	12.2	20.6	19.3	19.9	27.8	26.8	27.3	---	---	---
28	12.0	10.0	11.1	21.3	19.5	20.5	28.2	26.4	27.3	---	---	---
29	---	---	---	22.7	20.7	21.7	28.6	26.8	27.5	---	---	---
30	---	---	---	23.3	22.0	22.6	28.5	26.8	27.7	---	---	---
31	---	---	---	23.1	22.3	22.8	---	---	---	---	---	---
MONTH	21.7	9.7	14.3	24.3	7.0	17.5	28.7	16.9	24.0	---	---	---

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	30.5	29.6	29.9	29.4	28.5	29.0
2	---	---	---	---	---	---	30.2	28.8	29.6	29.0	28.1	28.5
3	---	---	---	32.7	30.1	30.9	30.9	29.3	30.0	28.6	28.1	28.3
4	---	---	---	31.5	29.8	30.7	30.3	28.6	29.6	28.1	27.4	27.8
5	---	---	---	31.2	30.0	30.5	29.3	27.8	28.6	28.1	27.0	27.4
6	---	---	---	31.1	29.3	30.2	29.3	28.6	28.7	27.9	27.4	27.7
7	---	---	---	31.4	29.7	30.5	31.3	28.5	29.3	27.4	26.8	27.1
8	---	---	---	31.1	29.7	30.3	30.5	29.7	30.1	27.3	26.6	26.9
9	---	---	---	31.1	29.3	30.1	29.8	28.2	28.9	28.6	26.7	27.5
10	---	---	---	30.9	29.6	30.2	28.5	26.9	27.8	29.6	27.7	28.4
11	---	---	---	31.4	29.3	30.1	28.5	27.5	27.9	30.7	28.5	29.4
12	---	---	---	31.2	30.0	30.5	28.9	27.4	27.9	30.8	29.1	29.9
13	---	---	---	30.6	29.6	30.1	29.6	27.5	28.3	30.1	28.7	29.5
14	---	---	---	30.1	28.9	29.5	29.2	28.1	28.7	29.2	28.3	28.8
15	---	---	---	31.0	28.6	29.8	29.7	28.0	28.8	29.7	28.6	29.1
16	---	---	---	33.2	29.6	30.9	29.7	28.7	29.2	31.3	29.0	29.6
17	---	---	---	34.5	30.4	31.8	30.7	28.8	29.6	30.3	29.3	29.8
18	---	---	---	34.1	31.1	32.3	30.9	29.5	30.1	30.9	29.1	29.8
19	---	---	---	33.4	31.1	32.0	31.0	30.1	30.4	30.2	29.0	29.6
20	---	---	---	33.0	31.2	32.1	31.3	29.8	30.4	30.0	28.9	29.5
21	---	---	---	32.5	31.2	31.7	31.1	30.1	30.5	30.6	29.1	29.8
22	---	---	---	31.2	29.9	30.6	30.3	29.5	29.9	30.6	29.3	29.8
23	---	---	---	31.7	29.0	29.8	31.4	29.3	30.0	29.5	27.8	28.3
24	---	---	---	30.9	29.6	30.2	31.4	29.9	30.6	28.0	25.9	26.9
25	---	---	---	30.3	29.0	29.6	32.0	30.1	30.9	26.0	25.6	25.9
26	---	---	---	30.3	28.8	29.6	31.6	30.2	30.8	26.1	24.5	25.4
27	---	---	---	31.9	29.2	30.3	31.6	29.8	30.6	26.0	24.1	24.9
28	---	---	---	32.0	29.9	30.9	31.5	30.4	30.9	26.8	25.4	26.0
29	---	---	---	31.6	30.3	31.0	31.4	30.0	30.7	28.0	26.1	27.1
30	---	---	---	31.0	29.4	30.1	30.7	29.7	30.1	28.7	27.0	27.8
31	---	---	---	32.0	29.1	30.0	30.1	29.3	29.7	---	---	---
MONTH	---	---	---	---	---	---	32.0	26.9	29.6	31.3	24.1	28.2

07374577 BAYOU BONFOUCA AT WEST HALL ROAD, AT SLIDELL, LA

LOCATION.--Lat 30°17'05", long 89°47'30", T. 9 S., R. 14 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge on West Hall Road, approximately 0.7 miles west of intersection with Hwy. 11.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1985 to September 1987, May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.76 ft, Sept. 26, 2002; minimum recorded, -1.15 ft, Dec. 19, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.76 ft, Sept. 26; minimum elevation, -0.62 ft, Jan. 7, 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.04	1.17	1.05	0.66	0.68	0.55	0.93	0.52	1.32	0.92	0.57	1.72
2	0.84	1.37	0.94	0.83	0.21	2.02	0.95	0.43	1.05	0.82	0.58	1.81
3	0.77	1.42	0.78	0.23	0.23	1.32	1.03	0.51	0.89	0.62	0.90	1.78
4	1.06	1.36	0.77	-0.25	0.02	0.31	0.78	0.48	0.89	0.41	1.23	1.75
5	1.27	1.31	0.99	0.20	0.08	-0.15	0.52	0.45	1.07	0.40	2.64	1.69
6	1.31	1.23	0.97	0.95	1.41	-0.05	0.58	0.74	1.34	0.51	1.63	1.66
7	1.35	1.06	0.83	-0.20	0.77	0.31	0.64	0.96	1.23	0.74	1.37	2.36
8	1.40	1.07	0.75	-0.45	0.43	0.55	1.54	1.07	1.12	0.89	1.38	2.57
9	1.86	0.98	0.60	-0.42	0.35	0.82	2.18	1.01	1.29	1.15	1.69	2.37
10	2.29	0.90	0.58	-0.22	0.51	0.52	1.49	0.94	1.71	1.23	1.75	1.94
11	2.30	0.87	0.59	0.01	0.12	0.65	1.28	1.08	1.65	1.36	2.03	1.56
12	2.41	0.85	0.94	0.16	-0.05	1.38	1.60	1.30	1.55	1.29	1.87	1.39
13	2.42	1.02	1.03	0.23	0.06	0.72	1.66	1.09	1.33	1.23	1.39	1.73
14	2.13	1.43	1.04	0.45	0.19	0.66	1.48	0.65	1.04	0.99	1.15	2.34
15	1.73	1.33	0.87	0.43	0.33	0.97	1.20	0.93	0.81	0.54	1.23	1.86
16	1.45	1.11	1.19	0.34	0.36	0.89	1.11	1.24	0.81	0.54	1.43	1.36
17	1.04	0.83	1.38	0.33	0.0	0.82	1.07	1.24	0.95	0.50	1.44	1.12
18	1.11	0.66	0.67	0.31	0.17	0.79	0.96	0.72	1.26	0.46	1.38	1.07
19	1.16	0.70	0.53	0.32	0.92	0.91	0.82	0.69	1.36	0.48	1.28	1.10
20	1.13	0.60	0.09	0.13	1.38	1.18	0.74	0.98	1.27	0.57	1.24	1.37
21	1.13	0.73	0.38	0.51	1.15	0.87	0.67	0.89	1.18	0.57	1.22	1.44
22	1.14	0.92	0.81	0.40	0.88	0.49	0.40	0.84	1.33	0.68	1.22	1.86
23	1.20	1.30	1.26	0.67	0.60	0.57	0.71	0.92	1.39	0.69	1.19	2.28
24	1.34	1.52	0.74	0.70	0.50	0.68	0.99	1.09	1.42	0.67	1.11	2.58
25	1.11	1.04	0.64	0.62	0.60	0.99	0.63	1.20	1.36	0.77	0.93	3.55
26	1.10	1.02	0.56	0.51	0.62	1.25	0.93	1.23	1.34	0.71	0.91	5.81
27	0.73	1.09	-0.12	0.54	-0.21	0.79	1.29	1.22	1.17	0.77	0.83	3.97
28	0.74	1.42	0.09	0.69	-0.12	0.83	1.23	1.15	1.13	0.71	0.87	2.60
29	0.84	1.94	0.44	0.71	---	0.82	0.87	1.26	0.99	0.81	0.86	2.02
30	0.95	1.12	0.59	0.80	---	0.68	0.74	1.42	0.98	0.75	1.09	1.75
31	1.00	---	0.69	0.93	---	0.92	---	1.46	---	0.68	1.40	---
MAX	2.42	1.94	1.38	0.95	1.41	2.02	2.18	1.46	1.71	1.36	2.64	5.81
MIN	0.73	0.60	-0.12	-0.45	-0.21	-0.15	0.40	0.43	0.81	0.40	0.57	1.07

07375000 TCHEFUNCTE RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE ¼ NE ¼ and SW ¼ NE ¼ sec. 13, T. 5 S., R. 9 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08090201, near center of span on downstream side of bridge on State Highway 40, 1.2 mi upstream from Bull Branch, and 3.6 mi southwest of Folsom.

DRAINAGE AREA.--95.5 mi^2, not including Bull Branch which has a drainage area of 7.5 mi^2 at State Highway 40. Total drainage area for extreme floods is 103 mi^2.

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944, monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefuncta River near Folsom. Prior to October 2000, published as Tchefuncta River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WDR LA-83-2: 1948(M), 1953(M), 1961(M), 1962(M), 1973(M), 1977(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft. above NGVD of 1929. Prior to June 9, 1944, non-recording gage at same site and datum.

REMARKS.--Records good. Satellite telemetry at station.

PEAK DISCHARGES 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)
Apr 10	0830	1,610	14.42	Sep 27	0600	*12,700	*21.56
Aug 7	1400	1,640	14.49				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	43	76	55	161	56	376	57	54	55	265	37
2	44	44	57	57	316	235	447	56	52	54	85	37
3	44	43	52	62	154	436	192	55	48	45	68	38
4	44	42	49	61	111	208	142	53	43	43	60	39
5	44	42	47	63	94	131	120	52	42	80	72	38
6	50	41	47	338	189	108	106	51	42	50	268	37
7	51	41	46	404	288	96	100	50	43	44	1380	42
8	49	40	46	170	188	88	116	49	43	51	893	58
9	46	40	45	122	132	86	789	49	42	50	266	53
10	45	40	45	101	108	98	1470	48	48	45	123	68
11	49	40	44	89	93	91	712	47	48	43	83	48
12	536	40	44	82	81	160	828	47	47	42	76	42
13	330	40	52	109	75	656	689	46	47	47	101	40
14	644	40	219	104	70	344	246	45	47	77	155	37
15	655	40	332	84	66	171	163	45	47	64	141	36
16	166	39	123	73	63	138	127	45	45	62	90	36
17	100	39	99	67	61	121	107	44	44	53	74	35
18	78	39	224	64	59	110	94	46	42	47	69	35
19	67	39	136	64	57	101	85	48	42	43	118	35
20	61	40	93	132	60	96	79	47	42	41	67	36
21	57	39	74	139	120	124	73	45	45	40	56	46
22	55	39	66	98	89	152	69	44	46	40	52	54
23	53	41	104	89	70	110	67	43	45	49	49	49
24	52	44	156	101	63	94	65	43	44	71	49	43
25	50	47	94	218	60	88	64	42	44	48	47	72
26	48	49	74	264	59	147	62	42	44	48	45	1610
27	46	44	66	132	56	567	61	42	64	68	43	8340
28	45	44	63	103	54	722	60	41	66	49	42	1690
29	44	50	63	90	---	249	58	41	73	43	40	433
30	44	76	62	83	---	163	57	43	60	44	39	168
31	44	---	58	78	---	156	---	52	---	221	39	---
MEAN	118.9	42.83	88.90	119.2	107.0	196.8	254.1	47.03	47.97	56.68	159.8	444.4
MAX	655	76	332	404	316	722	1470	57	73	221	1380	8340
MIN	44	39	44	55	54	56	57	41	42	40	39	35
CFSM	1.25	0.45	0.93	1.25	1.12	2.06	2.66	0.49	0.50	0.59	1.67	4.65
IN.	1.44	0.50	1.07	1.44	1.17	2.38	2.97	0.57	0.56	0.68	1.93	5.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2002, BY WATER YEAR (WY)

MEAN	63.12	117.7	181.2	212.6	290.5	253.2	233.5	150.6	90.30	88.39	96.55	91.88
MAX	216	800	866	831	1257	621	1227	853	373	302	426	419
(WY)	1978	1962	1954	1998	1961	1973	1983	1953	1959	1949	1983	1977
MIN	27.6	39.0	51.3	57.7	47.9	51.5	42.5	32.0	35.5	30.7	28.8	29.3
(WY)	2001	2000	1970	1957	2000	2000	2000	2001	1968	2000	2000	2000

07375000 TCHEFUNCTE RIVER NEAR FOLSOM, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1944 - 2002	
ANNUAL MEAN	107.4		140.0		155.8	
HIGHEST ANNUAL MEAN					313	1949
LOWEST ANNUAL MEAN					47.4	2000
HIGHEST DAILY MEAN	1330	Mar 14	8340	Sep 27	15100	Feb 22 1961
LOWEST DAILY MEAN	29	May 24	35	Sep 17	0.00	Jun 5 1981
ANNUAL SEVEN-DAY MINIMUM	29	May 24	36	Sep 14	27	Sep 30 2000
MAXIMUM PEAK FLOW			12700	Sep 27	29800	Apr 5 1983
MAXIMUM PEAK STAGE			21.57	Sep 27	24.14	Apr 5 1983
INSTANTANEOUS LOW FLOW			34	Oct 3	26	Sep 4 1968
ANNUAL RUNOFF (CFSM)	1.12		1.47		1.63	
ANNUAL RUNOFF (INCHES)	15.27		19.90		22.16	
10 PERCENT EXCEEDS	225		220		290	
50 PERCENT EXCEEDS	55		57		68	
90 PERCENT EXCEEDS	37		41		42	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.02	5.14	5.74	5.38	6.83	5.39	8.63	5.38	5.32	5.34	7.86	5.11
2	5.01	5.15	5.41	5.42	8.45	7.57	9.19	5.36	5.29	5.32	5.86	5.10
3	5.00	5.14	5.31	5.51	6.85	9.39	6.92	5.34	5.20	5.15	5.59	5.13
4	4.99	5.12	5.25	5.49	6.28	7.35	6.31	5.30	5.10	5.10	5.44	5.15
5	4.99	5.11	5.22	5.52	6.02	6.43	5.99	5.29	5.07	5.76	5.66	5.12
6	5.11	5.09	5.21	8.54	7.18	6.08	5.78	5.27	5.09	5.24	7.74	5.11
7	5.14	5.08	5.20	9.11	8.23	5.89	5.68	5.25	5.11	5.12	13.72	5.23
8	5.09	5.07	5.19	7.04	7.24	5.78	5.90	5.23	5.10	5.27	11.92	5.54
9	5.03	5.07	5.18	6.44	6.58	5.74	11.23	5.22	5.07	5.25	8.00	5.44
10	5.01	5.06	5.17	6.14	6.24	5.93	14.07	5.20	5.20	5.14	6.54	5.71
11	5.09	5.06	5.16	5.95	6.01	5.82	11.05	5.19	5.20	5.10	5.97	5.36
12	9.91	5.06	5.16	5.84	5.83	6.67	11.77	5.18	5.18	5.09	5.85	5.22
13	8.42	5.06	5.32	6.26	5.73	10.78	10.94	5.16	5.18	5.19	6.23	5.16
14	10.64	5.06	7.49	6.18	5.65	8.43	7.81	5.15	5.19	5.74	6.94	5.11
15	10.72	5.05	8.56	5.88	5.58	6.81	6.94	5.15	5.17	5.52	6.76	5.09
16	6.97	5.04	6.45	5.70	5.53	6.39	6.49	5.14	5.15	5.47	6.07	5.08
17	6.11	5.04	6.09	5.60	5.49	6.14	6.19	5.14	5.13	5.31	5.83	5.06
18	5.78	5.03	7.61	5.55	5.44	5.97	5.99	5.16	5.08	5.18	5.74	5.06
19	5.60	5.03	6.62	5.54	5.42	5.83	5.86	5.20	5.07	5.10	6.46	5.06
20	5.48	5.05	6.00	6.51	5.47	5.75	5.76	5.19	5.08	5.06	5.70	5.08
21	5.42	5.04	5.72	6.66	6.39	6.17	5.68	5.15	5.15	5.02	5.51	5.30
22	5.38	5.04	5.58	6.09	5.95	6.57	5.62	5.13	5.16	5.03	5.42	5.47
23	5.33	5.08	6.12	5.95	5.65	5.96	5.57	5.11	5.14	5.21	5.37	5.37
24	5.31	5.14	6.87	6.13	5.53	5.73	5.54	5.10	5.13	5.63	5.36	5.25
25	5.28	5.21	6.02	7.44	5.47	5.64	5.51	5.09	5.12	5.21	5.32	5.72
26	5.23	5.25	5.72	7.96	5.45	6.38	5.48	5.08	5.12	5.21	5.29	12.48
27	5.20	5.16	5.58	6.58	5.39	10.17	5.45	5.08	5.50	5.59	5.25	20.05
28	5.17	5.16	5.51	6.16	5.36	11.12	5.43	5.07	5.56	5.22	5.22	14.36
29	5.16	5.28	5.52	5.97	---	7.51	5.40	5.05	5.68	5.11	5.18	9.24
30	5.15	5.75	5.50	5.86	---	6.58	5.38	5.10	5.44	5.12	5.15	7.09
31	5.15	---	5.43	5.77	---	6.49	---	5.29	---	7.37	5.13	---
MAX	10.72	5.75	8.56	9.11	8.45	11.12	14.07	5.38	5.68	7.37	13.72	20.05
MIN	4.99	5.03	5.16	5.38	5.36	5.39	5.38	5.05	5.07	5.02	5.13	5.06

07375050 TCHEFUNCTE RIVER NEAR COVINGTON, LA

LOCATION.--Lat 30°29'40", long 90°10'10", in SW ¼ sec.26, T.6 S., R.10 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 08090201, at bridge on U.S. Highway 190, 2.4 mi west of intersection with W. 21st Avenue, and 4.0 mi west of Covington.

DRAINAGE AREA.--145 mi^2.

WATER-STAGE RECORDS.

PERIOD OF RECORD.--November 1950 to September 1965 (annual maximum and discharge measurements). October 1963 to December 1967 (low-flow station). October 1977 to September 1982 (discharge measurements only). January 1998 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.86 ft, May 3, 1953; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.79 ft, Sept. 27, 28; minimum gage height, 9.28 ft, Jan. 26.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.47	9.50	---	9.73	11.10	10.03	15.51	9.81	9.63	9.63	12.30	9.43
2	9.45	9.49	---	9.90	13.05	14.48	14.48	9.79	9.54	9.53	11.00	9.41
3	9.43	9.50	---	9.88	12.26	14.37	12.63	9.76	9.44	9.46	10.09	9.41
4	9.42	9.48	9.56	9.87	11.11	13.20	11.30	9.73	9.38	9.38	9.81	9.45
5	9.42	9.46	9.52	10.47	10.67	11.41	10.80	9.70	9.37	9.49	9.76	9.44
6	9.43	9.45	9.50	14.35	12.03	10.79	10.50	9.68	9.38	9.85	11.47	9.49
7	9.50	9.43	9.48	14.64	13.45	10.50	10.32	9.65	9.43	9.48	15.60	10.92
8	9.51	9.42	9.47	12.65	12.60	10.32	10.69	9.63	9.41	9.52	18.10	11.22
9	9.46	9.41	9.47	11.30	11.54	10.30	16.97	9.61	9.38	9.52	16.99	10.22
10	9.43	9.40	9.46	10.80	11.00	11.08	18.57	9.58	9.37	9.47	13.07	9.93
11	9.48	9.39	9.45	10.51	10.66	10.76	18.86	9.57	9.48	9.39	11.03	9.96
12	11.17	9.40	9.44	10.46	10.42	12.18	17.07	9.55	9.39	9.35	11.88	9.64
13	14.68	9.39	9.71	10.68	10.26	14.64	18.05	9.54	9.43	9.39	13.63	9.53
14	14.25	9.38	11.23	10.87	10.16	15.11	14.58	9.52	9.44	9.55	13.32	9.47
15	16.18	9.38	12.76	10.53	10.07	12.11	12.20	9.50	9.42	9.88	11.83	9.43
16	13.51	9.38	11.81	10.26	9.99	11.28	11.50	9.49	9.33	9.79	11.05	9.42
17	11.13	9.36	11.00	10.09	9.94	10.88	11.07	9.50	9.31	9.68	10.58	9.41
18	10.52	9.36	11.32	9.99	9.89	10.62	10.78	9.53	9.33	9.52	10.30	9.38
19	10.22	9.36	11.65	9.94	9.84	10.44	10.58	9.51	9.44	9.42	---	9.37
20	10.04	9.37	10.70	9.99	10.20	10.73	10.43	9.52	9.46	9.35	---	9.38
21	9.92	---	10.26	11.10	10.18	11.94	10.30	9.48	9.37	9.32	---	9.59
22	9.84	---	10.03	10.72	10.69	11.47	10.21	9.45	9.40	9.34	---	9.80
23	9.78	---	10.37	10.68	10.19	10.91	10.13	9.44	9.36	9.40	9.84	9.70
24	9.74	---	10.97	10.58	9.99	10.42	10.07	9.43	9.57	9.60	9.78	9.63
25	9.70	---	10.75	11.99	9.88	10.22	10.03	9.42	9.31	9.71	9.70	11.47
26	9.65	---	10.24	13.05	9.82	11.02	9.98	9.40	9.31	9.45	9.65	19.82
27	9.61	---	10.01	11.73	9.79	13.61	9.94	9.40	9.47	9.56	9.62	25.18
28	9.57	---	9.89	10.91	9.74	15.30	9.90	9.39	9.82	9.69	9.56	24.89
29	9.54	---	9.83	10.56	---	14.05	9.87	9.38	9.76	9.46	9.53	19.66
30	9.52	---	9.83	10.37	---	11.54	9.83	9.39	9.83	9.46	9.48	13.42
31	9.51	---	9.78	10.25	---	13.37	---	9.53	---	9.56	9.45	---
MAX	16.18	---	---	14.64	13.45	15.30	18.86	9.81	9.83	9.88	---	25.18
MIN	9.42	---	---	9.73	9.74	10.03	9.83	9.38	9.31	9.32	---	9.37

07375105 BOGUE FALAYA NEAR CAMP COVINGTON, LA

LOCATION.--Lat 30°33'23", long 90°08'46", sec. 26, T. 6 S., R. 11 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge on Million Dollar Road, approximately 0.1 mile east of State Highway 25, and approximately 7.0 miles northwest of Covington.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum gage height, 54.61 ft, Sept. 26, 2002; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.61 ft, Sept. 26; minimum gage height, 34.05 ft, on several days.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.11	34.12	34.35	34.20	34.88	34.32	36.46	34.19	34.11	34.21	34.23	34.15
2	34.11	34.12	34.24	34.25	35.28	36.45	35.35	34.18	34.09	34.17	34.18	34.14
3	34.11	34.13	34.18	34.31	34.87	35.69	34.98	34.18	34.08	34.12	34.13	34.14
4	34.11	34.12	34.15	34.29	34.64	35.05	34.73	34.16	34.07	34.11	34.11	34.15
5	34.11	34.12	34.14	34.45	34.53	34.76	34.59	34.14	34.07	34.11	34.13	34.14
6	34.14	34.11	34.13	36.49	35.39	34.61	34.49	34.13	34.08	34.10	46.67	34.16
7	34.16	34.11	34.12	35.56	35.67	34.52	34.43	34.13	34.10	34.10	43.96	34.87
8	34.12	34.11	34.12	35.00	35.24	34.48	34.61	34.12	34.08	34.15	37.48	35.29
9	34.11	34.11	34.12	34.72	34.92	34.45	38.68	34.12	34.08	34.15	40.02	34.72
10	34.11	34.11	34.12	34.57	34.74	34.82	37.06	34.11	34.11	34.12	36.21	34.46
11	34.17	34.11	34.11	34.48	34.61	34.63	36.87	34.11	34.09	34.11	35.31	34.33
12	35.76	34.11	34.12	34.45	34.52	35.77	38.18	34.11	34.09	34.11	35.60	34.23
13	36.49	34.11	34.28	34.58	34.46	36.08	35.94	34.11	34.07	34.11	37.62	34.18
14	36.59	34.11	35.68	34.52	34.42	35.38	35.38	34.11	34.06	34.12	36.22	34.14
15	36.13	34.11	35.37	34.42	34.38	35.02	35.05	34.10	34.06	34.19	35.35	34.13
16	34.98	34.11	34.75	34.36	34.35	34.81	34.83	34.11	34.06	34.51	34.97	34.12
17	34.59	34.11	34.61	34.33	34.33	34.67	34.69	34.11	34.06	34.21	35.52	34.11
18	34.41	34.10	34.73	34.30	34.33	34.56	34.59	34.11	34.06	34.12	35.46	34.11
19	34.31	34.11	34.52	34.28	34.29	34.49	34.51	34.11	34.06	34.11	34.89	34.11
20	34.25	34.11	34.38	34.35	34.37	34.53	34.45	34.10	34.06	34.11	35.05	34.12
21	34.21	34.10	34.31	34.36	34.48	35.11	34.39	34.10	34.07	34.11	34.61	34.35
22	34.18	34.11	34.28	34.34	34.38	34.86	34.37	34.10	34.06	34.11	34.65	34.29
23	34.16	34.12	34.28	34.44	34.34	34.60	34.33	34.10	34.05	34.24	34.68	34.18
24	34.15	34.14	34.32	34.45	34.31	34.50	34.31	34.10	34.06	34.22	34.69	34.14
25	34.13	34.21	34.28	35.10	34.28	34.44	34.29	34.10	34.06	34.13	34.45	35.82
26	34.12	34.20	34.24	34.97	34.26	34.99	34.27	34.09	34.05	34.12	34.38	48.46
27	34.12	34.15	34.25	34.69	34.25	35.95	34.25	34.09	34.09	34.11	34.33	46.81
28	34.12	34.13	34.22	34.55	34.25	35.32	34.23	34.09	34.09	34.11	34.28	38.04
29	34.12	34.17	34.23	34.47	---	34.90	34.21	34.08	34.08	34.11	34.24	36.12
30	34.12	34.40	34.22	34.42	---	34.71	34.20	34.09	34.05	34.14	34.20	35.49
31	34.12	---	34.20	34.38	---	35.84	---	34.11	---	34.28	34.18	---
MAX	36.59	34.40	35.68	36.49	35.67	36.45	38.68	34.19	34.11	34.51	46.67	48.46
MIN	34.11	34.10	34.11	34.20	34.25	34.32	34.20	34.08	34.05	34.10	34.11	34.11

07375175 BOGUE FALAYA AT BOSTON STREET AT COVINGTON, LA

LOCATION.--Lat 30°28'35", long 90°05'22", sec. 26, T. 6 S., R. 11 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge 0.5 mile east of courthouse in Covington.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum elevation, 15.91 ft, June 11, 2001; minimum, -0.60 ft, Apr. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.83 ft, Sept. 26; minimum gage height, -0.38 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.05	1.25	1.10	0.76	0.66	0.82	2.45	0.64	1.35	0.94	0.57	1.83
2	0.89	1.42	0.99	0.75	0.67	2.91	1.56	0.54	1.04	0.85	0.63	1.91
3	0.82	1.44	0.85	0.25	0.56	1.76	1.22	0.63	0.92	0.65	1.02	1.88
4	1.12	1.37	0.91	0.05	0.28	0.85	0.94	0.55	0.95	0.41	1.29	1.82
5	1.33	1.32	1.10	0.63	0.46	0.42	0.68	0.51	1.18	0.39	2.14	1.71
6	1.28	1.24	1.01	2.41	1.61	0.37	0.76	0.87	1.39	0.57	5.16	1.76
7	1.40	1.10	0.89	1.41	1.25	0.54	0.96	1.10	1.25	0.79	8.41	2.63
8	1.55	1.09	0.75	0.67	0.95	0.78	1.82	1.22	1.15	1.02	2.87	3.16
9	2.11	0.99	0.57	0.34	0.74	0.89	4.23	1.08	1.43	1.21	3.43	2.58
10	2.48	0.90	0.57	0.25	0.65	0.73	2.93	1.04	1.89	1.25	2.33	2.03
11	2.46	0.87	0.68	0.29	0.31	0.92	2.03	1.27	1.77	1.34	2.32	1.59
12	2.58	0.88	1.06	0.41	0.17	1.40	3.51	1.47	1.60	1.29	3.00	1.42
13	2.95	1.13	1.21	0.57	0.22	1.55	2.13	1.00	1.31	1.24	3.13	1.86
14	3.05	1.54	2.05	0.65	0.35	1.17	1.77	0.64	0.89	0.92	2.06	2.31
15	2.47	1.38	1.72	0.58	0.46	1.22	1.44	1.13	0.80	0.58	1.59	1.83
16	1.62	1.15	1.49	0.53	0.39	1.07	1.33	1.36	0.78	0.61	1.59	1.35
17	1.18	0.87	1.47	0.49	0.12	0.96	1.25	1.24	1.04	0.54	1.65	1.18
18	1.23	0.70	0.99	0.44	0.39	0.94	1.12	0.57	1.40	0.46	1.74	1.16
19	1.23	0.73	0.69	0.39	1.08	1.05	0.95	0.68	1.48	0.46	1.40	1.23
20	1.17	0.57	0.35	0.30	1.43	1.53	0.87	1.06	1.37	0.52	1.59	1.45
21	1.18	0.78	0.58	0.60	1.28	1.63	0.77	0.95	1.25	0.57	1.45	1.51
22	1.21	1.01	0.96	0.58	0.89	0.97	0.45	1.01	1.34	0.75	1.38	1.93
23	1.29	1.37	1.27	0.82	0.63	0.88	0.89	1.07	1.44	0.72	1.34	2.32
24	1.36	1.55	0.79	0.79	0.65	0.90	1.08	1.21	1.49	0.69	1.32	2.72
25	1.11	1.07	0.70	0.86	0.72	1.17	0.69	1.29	1.45	0.79	0.93	3.93
26	1.14	1.11	0.53	0.87	0.45	1.33	1.06	1.31	1.38	0.77	0.91	10.40
27	0.75	1.17	0.06	0.79	-0.20	1.37	1.42	1.27	1.22	0.83	0.85	10.99
28	0.82	1.58	0.24	0.87	0.06	1.27	1.28	1.15	1.18	0.78	0.88	4.57
29	0.91	2.00	0.48	0.89	---	1.05	0.85	1.38	1.05	0.89	0.88	2.68
30	1.00	1.10	0.64	0.99	---	0.86	0.75	1.50	1.04	0.77	1.17	2.13
31	1.06	---	0.71	1.04	---	1.68	---	1.55	---	0.76	1.49	---
MAX	3.05	2.00	2.05	2.41	1.61	2.91	4.23	1.55	1.89	1.34	8.41	10.99
MIN	0.75	0.57	0.06	0.05	-0.20	0.37	0.45	0.51	0.78	0.39	0.57	1.16

07375300 TANGIPAHOA RIVER NEAR KENTWOOD, LA

LOCATION.--Lat 30°56'23", long 90°29'42", between secs. 43 and 45, T. 1 S., R. 7 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge on State Highway 38, 0.9 mi upstream from Terry's Creek, 1.1 mi east of Kentwood, and 1.7 mi downstream from Irving Branch.

DRAINAGE AREA.--241 mi^2.

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 180.30 ft NGVD of 1929.

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 15.35 ft, Sept. 27, 2002; minimum, 2.19 ft, Sept. 6, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.35 ft, Sept. 27; minimum gage height, 2.27 ft, Nov. 21.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.39	2.45	4.67	2.60	4.63	2.79	5.20	2.67	4.06	3.01	3.11	2.80
2	2.38	2.46	3.35	2.60	5.11	6.83	4.33	2.65	3.27	3.76	4.42	2.75
3	2.38	2.45	2.99	2.57	4.08	6.16	3.77	2.65	2.94	3.84	3.26	2.73
4	2.38	2.45	2.76	2.55	3.56	4.47	3.45	2.64	2.78	3.31	2.97	2.69
5	2.39	2.44	2.66	2.66	3.31	3.69	3.23	2.63	2.71	3.11	3.19	2.68
6	2.60	2.43	2.62	3.76	3.95	3.34	3.10	2.63	2.88	3.03	---	2.67
7	2.75	2.40	2.59	3.33	4.92	3.17	3.01	2.60	2.75	2.92	---	2.78
8	2.55	2.60	2.56	2.98	4.54	3.04	4.79	2.58	2.70	3.37	---	3.11
9	2.48	3.14	2.54	2.84	3.86	2.97	11.15	2.58	3.11	3.17	---	2.86
10	2.46	3.16	2.57	2.77	3.48	3.06	11.12	2.56	3.08	2.97	---	2.75
11	2.62	3.16	2.60	2.73	3.23	2.95	7.77	2.55	2.94	3.25	---	2.69
12	4.28	3.14	2.59	2.74	3.07	3.62	4.76	2.54	---	3.20	---	2.66
13	3.75	3.12	3.49	4.04	2.96	4.50	4.03	2.54	---	3.68	---	2.64
14	6.28	2.81	6.92	3.88	2.90	4.17	3.66	2.57	---	7.61	---	2.62
15	5.10	2.52	5.36	3.43	2.82	3.61	3.42	2.56	2.80	6.36	7.46	2.61
16	3.85	2.36	4.41	3.11	2.79	4.07	3.26	2.51	2.81	4.23	5.80	2.61
17	3.22	2.32	4.45	2.94	2.75	3.74	3.16	2.53	2.83	3.62	4.92	2.60
18	2.90	2.30	5.17	2.85	2.72	3.31	3.06	2.65	2.87	3.23	4.01	2.61
19	2.75	2.30	4.15	3.21	2.70	3.13	2.99	2.66	2.87	3.03	3.49	2.60
20	2.67	2.29	3.52	7.27	3.39	3.11	2.94	2.59	3.38	2.90	3.22	2.64
21	2.62	2.28	3.30	5.52	4.06	5.86	2.89	2.52	3.16	2.83	3.07	2.71
22	2.59	2.29	3.07	4.52	3.71	4.64	2.84	2.50	2.97	2.76	3.19	3.29
23	2.57	2.36	2.88	4.01	3.25	3.64	2.82	2.49	2.88	4.33	3.67	3.08
24	2.56	2.37	2.83	3.75	2.99	3.29	2.83	2.50	3.02	4.72	4.30	2.78
25	2.53	2.39	2.72	5.54	2.86	3.12	2.79	2.52	3.01	4.71	3.60	3.50
26	2.52	2.40	2.67	5.15	2.78	7.30	2.77	2.52	3.05	4.31	3.41	10.10
27	2.46	2.47	2.62	4.24	2.72	11.48	2.72	2.52	3.17	3.59	4.11	---
28	2.45	3.57	2.66	3.66	2.66	7.93	2.70	2.51	3.87	3.12	3.62	---
29	2.43	4.47	2.72	3.37	---	4.71	2.69	2.53	3.58	2.92	3.21	7.93
30	2.44	6.90	2.65	3.21	---	4.00	2.69	5.34	3.17	2.87	3.00	4.27
31	2.44	---	2.62	3.10	---	4.09	---	7.01	---	2.83	2.87	---
MAX	6.28	6.90	6.92	7.27	5.11	11.48	11.15	7.01	---	7.61	---	---
MIN	2.38	2.28	2.54	2.55	2.66	2.79	2.69	2.49	---	2.76	---	---

07375422 BIG CREEK EAST OF TANGIPAHOA, LA

LOCATION.--Lat 30°49'54", long 90°26'42", sec. 52, T. 2 S., R. 8 E., Loranger Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge at State Highway 1054, 4.9 mi southeast of Tangipahoa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 150.00 ft NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 18.33 ft, Aug. 12, 2001; minimum recorded, 7.57 ft, many days, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.37 ft, Sept. 26; minimum gage height, 7.70 ft, Sept. 2, 6, 14.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.85	7.84	8.01	7.85	8.57	8.21	9.07	7.86	7.83	7.80	7.88	7.72
2	7.85	7.84	7.95	7.86	8.21	11.70	8.29	7.86	7.79	7.79	7.89	7.71
3	7.84	---	7.88	7.86	8.02	8.99	8.12	7.85	7.78	7.79	7.77	7.72
4	7.84	---	7.86	7.84	7.95	8.34	8.03	7.85	7.78	7.81	7.76	7.72
5	7.85	---	7.86	8.15	7.97	8.16	7.98	7.84	7.78	7.79	7.75	7.71
6	7.89	7.84	7.86	9.57	8.50	8.07	7.95	7.84	7.79	7.79	8.87	7.71
7	7.88	7.83	7.85	8.39	8.41	8.01	7.93	7.84	7.78	7.76	8.11	7.79
8	7.85	7.84	7.85	8.12	8.15	7.98	10.01	7.84	8.21	7.76	7.85	7.77
9	7.85	7.84	7.85	8.03	8.04	7.97	14.36	7.84	8.81	7.76	7.79	7.74
10	7.85	7.84	7.85	---	7.98	8.01	9.42	7.83	7.89	7.76	7.77	7.73
11	7.87	7.85	7.84	---	7.93	7.94	8.58	7.82	7.84	7.76	7.76	7.73
12	7.91	7.85	7.84	---	7.91	9.14	8.40	7.82	7.85	7.78	7.77	7.72
13	8.01	7.85	8.10	---	7.89	8.76	8.26	7.82	7.84	7.84	7.82	7.71
14	8.59	7.84	10.02	---	7.88	8.20	8.13	7.81	7.81	8.06	7.80	7.71
15	7.98	7.84	8.39	---	7.86	8.08	8.06	7.81	7.79	7.83	7.77	7.71
16	7.89	7.84	8.07	---	7.86	8.03	8.01	7.81	7.85	7.81	7.76	7.71
17	7.87	7.84	8.24	---	7.84	7.98	7.97	7.84	7.86	7.78	7.75	7.72
18	7.86	7.84	8.36	---	7.84	7.96	7.96	7.89	7.81	7.76	7.74	7.73
19	7.86	7.84	8.05	---	7.84	7.94	7.94	7.82	7.80	7.75	7.74	7.72
20	7.86	7.84	7.96	---	8.53	7.94	7.93	7.82	7.83	7.74	7.73	7.72
21	7.85	7.84	7.90	---	8.17	8.01	7.92	7.81	7.85	7.73	7.73	7.75
22	7.85	7.84	7.89	---	7.95	7.95	7.90	7.80	7.80	7.77	7.72	7.74
23	7.86	7.84	7.94	8.00	7.90	7.91	7.90	7.79	7.81	7.85	7.76	7.74
24	7.86	7.91	7.90	7.98	7.88	7.90	7.90	7.80	7.83	7.77	7.73	7.72
25	7.85	7.89	7.88	8.20	7.86	7.89	7.89	7.79	7.85	7.83	7.74	8.21
26	7.84	7.83	7.86	8.04	7.86	11.60	7.88	7.78	7.86	7.86	7.73	13.89
27	7.84	7.84	7.86	7.95	7.84	10.87	7.87	7.78	7.94	7.76	7.74	12.37
28	7.84	8.05	7.89	7.93	7.84	8.56	7.87	7.77	7.96	7.75	7.73	8.67
29	7.84	9.04	7.90	7.92	---	8.26	7.87	7.78	7.87	7.75	7.72	8.22
30	7.84	8.69	7.87	7.91	---	8.13	7.87	7.97	7.83	7.77	7.72	8.07
31	7.84	---	7.85	7.91	---	9.24	---	8.01	---	7.78	7.71	---
MAX	8.59	---	10.02	---	8.57	11.70	14.36	8.01	8.81	8.06	8.87	13.89
MIN	7.84	---	7.84	---	7.84	7.89	7.87	7.77	7.78	7.73	7.71	7.71

07375430 TANGIPAHOA RIVER AT AMITE, LA

LOCATION.--Lat 30°43'44", long 90°29'03", lot 49, T. 4 S., R.7 E., Loranger Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge at State Highway 38, approximately 0.75 mi west of Conner Creek, and 2.75 mi east of the intersection of I-55 and Hwy. 16.

DRAINAGE AREA.--296 mi^2.

PERIOD OF RECORD.--March 1998 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is 80.00 ft above NAVD 88.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 19.42 ft, Sept. 28, 2002; minimum, 5.45 ft, Nov. 20, 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.42 ft, Sept. 28; minimum gage height, 5.45 ft, Nov. 20, 21, 22.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.61	5.55	6.79	5.58	6.38	5.75	7.95	6.59	7.23	6.49	6.41	6.39
2	5.60	5.55	6.06	5.58	7.08	8.68	7.36	6.57	6.76	6.47	6.84	6.37
3	5.59	5.55	5.82	5.57	6.47	8.39	7.06	6.55	6.57	6.85	6.64	6.36
4	5.59	5.54	5.70	5.55	6.13	7.17	6.88	6.55	6.47	6.69	6.45	6.34
5	5.60	5.53	5.64	5.64	5.97	6.61	6.77	6.53	6.44	6.55	6.39	6.33
6	5.65	5.52	5.60	6.57	6.25	6.35	6.69	6.53	6.41	6.50	7.60	6.33
7	5.74	5.51	5.59	6.23	6.76	6.21	6.66	6.52	6.46	6.45	8.99	6.38
8	5.69	5.51	5.57	5.92	6.66	6.13	7.68	6.50	6.40	6.46	9.23	6.47
9	5.64	5.67	5.55	5.80	6.32	6.08	12.70	6.49	6.66	6.63	7.59	6.44
10	5.62	5.74	5.54	5.74	6.08	6.07	12.18	6.48	6.59	6.49	6.99	6.38
11	5.64	5.75	5.56	5.70	5.94	6.06	9.83	6.47	6.50	6.50	6.78	6.34
12	6.25	5.75	5.56	5.69	5.84	6.50	8.06	6.47	6.54	6.67	6.69	6.32
13	6.28	5.74	5.70	5.94	5.78	6.96	7.53	6.47	6.45	6.71	6.89	6.31
14	7.34	5.72	7.67	6.09	5.74	6.69	7.30	6.46	6.40	7.50	7.94	6.30
15	7.15	5.58	7.37	5.97	5.71	6.40	7.14	6.45	6.37	8.05	8.25	6.29
16	6.38	5.53	6.60	5.83	5.69	6.47	7.04	6.44	6.36	7.06	7.63	6.29
17	6.01	5.48	6.43	5.75	5.66	6.49	6.97	6.45	6.37	6.79	7.37	6.30
18	5.84	5.47	6.79	5.70	5.65	6.22	6.91	6.48	6.35	6.57	7.00	6.30
19	5.75	5.47	6.48	5.74	5.64	6.12	6.86	6.49	6.34	6.45	6.76	6.29
20	5.70	5.46	6.07	7.11	6.00	6.07	6.81	6.46	6.42	6.38	6.63	6.34
21	5.67	5.45	5.92	7.25	6.40	7.00	6.78	6.44	6.51	6.34	6.55	6.34
22	5.65	5.45	5.85	6.64	6.20	7.14	6.75	6.42	6.42	6.32	6.57	6.46
23	5.64	5.47	5.76	6.32	5.98	6.45	6.72	6.41	6.38	6.53	6.62	6.65
24	5.62	5.50	5.73	6.13	5.85	6.18	6.71	6.40	6.40	7.05	6.69	6.42
25	5.60	5.49	5.68	6.63	5.76	6.05	6.68	6.40	6.44	6.87	6.90	6.59
26	5.59	5.49	5.64	6.92	5.71	8.43	6.66	6.40	6.47	7.08	6.60	11.09
27	5.57	5.49	5.61	6.48	5.67	11.52	6.65	6.40	6.58	6.75	6.62	17.19
28	5.56	5.67	5.62	6.15	5.65	10.53	6.63	6.39	6.71	6.52	6.82	17.06
29	5.56	6.31	5.65	5.97	---	7.87	6.61	6.39	6.82	6.42	6.57	11.57
30	5.55	7.31	5.63	5.87	---	7.27	6.59	6.84	6.61	6.39	6.48	10.64
31	5.55	---	5.60	5.81	---	7.66	---	8.10	---	6.38	6.43	---
MAX	7.34	7.31	7.67	7.25	7.08	11.52	12.70	8.10	7.23	8.05	9.23	17.19
MIN	5.55	5.45	5.54	5.55	5.64	5.75	6.59	6.39	6.34	6.32	6.39	6.29

07375500 TANGIPAHOA RIVER AT ROBERT, LA

LOCATION.--Lat 30°30'23", long 90°21'42", on line between secs. 39 and 40, T. 6 S., R. 8 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi west of Robert, 2.8 mi downstream from Chappepeela Creek, and 6.0 mi east of Hammond.

DRAINAGE AREA.--646 mi^2.

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

GAGE.--Water-stage recorder. Datum of gage is 6.604 ft NAVD 88. Prior to Oct. 1, 2001, datum of gage is 6.87 ft, above NGVD of 1929. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft, from floodmark.

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

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 10	1330	10,500	17.27	Sep 29	0330	*18,600	*19.55

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	478	486	1400	673	1090	737	3030	605	1420	649	572	518
2	476	484	933	688	1640	2080	2130	593	848	555	627	503
3	474	483	699	678	1470	3780	1350	579	678	589	746	501
4	473	482	600	669	1100	2360	1050	571	593	673	599	502
5	470	481	543	788	977	1240	920	563	544	590	530	488
6	470	480	515	2010	1150	961	840	553	548	536	580	510
7	477	478	501	1780	1440	850	787	548	544	511	1970	573
8	493	477	494	1140	1460	783	1020	542	527	501	3000	610
9	476	476	490	939	1230	755	6090	535	531	537	2510	584
10	471	508	487	857	1040	788	10100	531	628	551	1050	533
11	508	520	485	808	953	748	9070	527	573	512	792	502
12	1560	524	484	790	886	1190	5700	523	542	581	702	486
13	1470	521	524	822	838	1930	2820	518	550	677	658	477
14	2250	520	1190	957	804	1530	1590	515	517	720	951	471
15	2600	503	2220	938	781	1070	1240	513	501	1490	1670	466
16	1420	482	1440	863	762	924	1060	511	491	1350	1560	462
17	925	479	1180	800	747	967	966	508	486	841	1200	458
18	762	477	1340	761	733	874	908	512	483	709	989	458
19	670	477	1330	744	721	784	856	509	480	612	822	454
20	613	475	1050	903	751	787	815	503	477	553	715	459
21	576	475	911	1810	963	1080	783	488	519	523	643	503
22	550	475	844	1370	1010	1660	759	481	509	513	599	498
23	534	474	845	1110	921	1140	729	471	488	520	612	600
24	522	473	844	1030	830	880	709	463	518	687	655	574
25	512	473	792	1340	776	781	694	459	484	814	731	661
26	504	473	745	1720	741	1340	676	458	549	842	688	3610
27	499	473	716	1390	718	4920	658	455	584	792	616	10500
28	495	473	702	1100	705	7330	643	452	644	659	681	14800
29	492	631	701	971	---	5250	626	450	729	564	662	16200
30	490	1040	703	902	---	1810	617	505	691	528	579	8180
31	488	---	685	857	---	1840	---	1060	---	536	540	---
TOTAL	23198	15273	26393	32208	27237	53169	59236	16501	17676	20715	29249	66141
MEAN	748.3	509.1	851.4	1039	972.8	1715	1975	532.3	589.2	668.2	943.5	2205
MAX	2600	1040	2220	2010	1640	7330	10100	1060	1420	1490	3000	16200
MIN	470	473	484	669	705	737	617	450	477	501	530	454
CFSM	1.16	0.79	1.32	1.61	1.51	2.65	3.06	0.82	0.91	1.03	1.46	3.41
IN.	1.34	0.88	1.52	1.85	1.57	3.06	3.41	0.95	1.02	1.19	1.68	3.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	573.5	755.3	1264	1630	1964	1863	1759	1148	834.9	766.6	714.4	740.4
MAX	1594	3122	4534	5205	7611	5106	8813	4689	2746	3112	2114	3021
(WY)	1965	1949	1962	1998	1966	1943	1983	1953	1975	1946	1983	1971
MIN	259	283	315	381	410	438	418	303	296	271	268	310
(WY)	2001	2000	1940	1940	2000	2000	2000	2000	2000	2000	2000	1999

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	423324		386996			
ANNUAL MEAN	1160		1060		1163	
HIGHEST ANNUAL MEAN					2258	1983
LOWEST ANNUAL MEAN					366	2000
HIGHEST DAILY MEAN	12700	Jun 8	16200	Sep 29	78500	Apr 7 1983
LOWEST DAILY MEAN	345	May 31	450	May 29	233	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	350	May 25	458	May 23	238	Sep 1 2000
MAXIMUM PEAK FLOW			18600	Sep 29	85000	Apr 7 1983
MAXIMUM PEAK STAGE			19.55	Sep 29	25.87	Apr 7 1983
INSTANTANEOUS LOW FLOW			448	May 29	232	Sep 7 2000
ANNUAL RUNOFF (CFSM)	1.80		1.64		1.80	
ANNUAL RUNOFF (INCHES)	24.38		22.29		24.47	
10 PERCENT EXCEEDS	2050		1560		2070	
50 PERCENT EXCEEDS	644		673		640	
90 PERCENT EXCEEDS	439		477		380	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.53	6.57	9.56	6.79	8.30	7.02	12.38	7.04	9.57	7.19	6.92	6.70
2	6.52	6.56	8.23	6.84	9.76	10.52	10.97	6.99	7.92	6.85	7.12	6.64
3	6.51	6.55	7.37	6.80	9.35	13.30	9.42	6.94	7.30	6.97	7.55	6.63
4	6.51	6.55	7.02	6.77	8.35	11.31	8.63	6.91	6.99	7.28	7.01	6.64
5	6.50	6.54	6.81	7.19	7.90	9.15	8.18	6.88	6.81	6.98	6.76	6.58
6	6.50	6.54	6.69	10.57	8.49	8.33	7.89	6.85	6.83	6.78	6.94	6.66
7	6.53	6.53	6.63	10.09	9.29	7.92	7.70	6.83	6.81	6.68	10.63	6.92
8	6.60	6.53	6.60	8.45	9.35	7.68	8.30	6.81	6.74	6.63	12.34	7.05
9	6.52	6.52	6.59	7.76	8.74	7.58	14.99	6.78	6.75	6.78	11.53	6.96
10	6.50	6.66	6.57	7.46	8.17	7.70	17.14	6.76	7.12	6.84	8.59	6.77
11	6.65	6.72	6.57	7.29	7.81	7.55	16.72	6.74	6.92	6.68	7.72	6.63
12	9.89	6.73	6.56	7.22	7.56	8.87	14.90	6.73	6.80	6.95	7.38	6.57
13	9.71	6.72	6.72	7.34	7.39	10.66	12.02	6.71	6.84	7.30	7.22	6.53
14	11.18	6.71	8.89	7.83	7.27	9.82	9.97	6.69	6.70	7.45	8.24	6.50
15	11.76	6.64	11.03	7.75	7.19	8.69	9.15	6.68	6.63	9.71	10.13	6.48
16	9.55	6.55	9.29	7.48	7.12	8.19	8.67	6.67	6.59	9.37	9.89	6.46
17	8.20	6.54	8.60	7.25	7.06	8.35	8.35	6.66	6.57	7.89	9.07	6.45
18	7.60	6.53	9.02	7.11	7.01	8.01	8.13	6.68	6.56	7.41	8.43	6.45
19	7.27	6.53	9.01	7.05	6.96	7.69	7.95	6.67	6.54	7.06	7.82	6.43
20	7.07	6.52	8.18	7.61	7.07	7.70	7.80	6.64	6.53	6.85	7.43	6.45
21	6.93	6.52	7.65	10.15	7.86	8.73	7.68	6.58	6.71	6.73	7.17	6.64
22	6.84	6.52	7.41	9.11	8.06	10.11	7.60	6.55	6.67	6.69	7.01	6.62
23	6.77	6.51	7.42	8.40	7.69	8.87	7.48	6.50	6.58	6.71	7.06	7.01
24	6.72	6.51	7.41	8.12	7.36	8.03	7.41	6.47	6.70	7.33	7.22	6.92
25	6.68	6.51	7.23	9.04	7.17	7.68	7.35	6.45	6.56	7.79	7.49	7.24
26	6.64	6.51	7.05	9.96	7.04	9.10	7.29	6.45	6.81	7.89	7.34	12.56
27	6.62	6.51	6.95	9.16	6.95	14.27	7.22	6.43	6.96	7.71	7.07	17.23
28	6.61	6.51	6.89	8.35	6.90	15.92	7.17	6.42	7.18	7.23	7.31	18.64
29	6.59	7.11	6.89	7.88	---	14.41	7.11	6.41	7.48	6.89	7.24	18.97
30	6.59	8.56	6.89	7.62	---	10.38	7.08	6.64	7.34	6.75	6.94	16.21
31	6.58	---	6.83	7.46	---	10.35	---	8.48	---	6.78	6.80	---
MAX	11.76	8.56	11.03	10.57	9.76	15.92	17.14	8.48	9.57	9.71	12.34	18.97
MIN	6.50	6.51	6.56	6.77	6.90	7.02	7.08	6.41	6.53	6.63	6.76	6.43

07375800 TICKFAW RIVER AT LIVERPOOL, LA

LOCATION.--Lat 30°55'50", long 90°40'24", on line between secs. 46 and 47, T. 1 S., R. 5 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 38, 0.2 mi east of intersection of State Highways 38 and 441, 0.5 mi upstream from Cotton Patch Branch, and 1.0 mi north of Liverpool.

DRAINAGE AREA.--89.7 mi^2.

PERIOD OF RECORD.--March 1956 to September 1968, October 1979 to September 1981 (published as "near Liverpool"). October 1968 to September 1979 (annual maximums only), October 1981 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Prior to Oct. 1, 1982 altitude of gage, 206 ft, from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi west at same datum. Oct. 1, 1963, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at same site 0.2 mi west at same datum.

REMARKS.--Satellite telemetry and rain gage at station.

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 ft^3/s, 17.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,000 ft^3/s, Apr. 6, 1983, maximum gage height, 13.30 ft; minimum gage height, 1.43 ft, July 15, 16, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.77 ft, Sept. 27; minimum gage height, 1.58 ft, Oct. 3, 4, 5, 28.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.60	---	1.87	3.05	2.11	3.45	1.96	2.43	1.94	1.87	1.63
2	1.59	1.60	---	1.87	3.52	6.13	2.73	1.97	2.05	1.89	1.86	1.64
3	1.59	1.65	---	1.86	2.61	6.16	2.30	2.00	1.94	1.91	1.87	1.66
4	1.58	1.71	1.98	1.84	2.29	3.11	2.09	2.02	1.90	1.84	1.88	1.65
5	1.60	1.74	1.94	2.00	2.17	2.50	1.97	2.02	1.90	2.07	1.91	1.66
6	1.74	1.76	1.92	2.69	2.59	2.27	1.86	2.01	1.96	2.16	6.35	1.71
7	1.72	1.78	1.90	2.40	3.20	2.13	1.81	2.02	1.93	1.97	7.05	1.79
8	1.64	1.77	1.90	2.16	2.78	2.04	3.49	2.02	1.98	2.01	3.09	1.87
9	1.62	1.76	1.89	2.05	2.39	1.98	8.16	2.01	2.05	1.99	2.31	1.81
10	1.63	1.77	1.88	2.00	2.21	1.93	8.29	2.02	---	2.17	2.05	1.78
11	2.05	1.73	1.88	1.96	2.07	1.90	4.03	2.01	---	2.25	2.01	1.77
12	3.78	1.74	1.88	1.97	1.99	2.21	2.69	2.01	---	2.09	1.98	1.76
13	3.14	1.74	2.91	2.11	1.94	2.46	2.35	2.02	1.87	2.18	2.08	1.76
14	6.38	1.76	5.06	2.26	1.89	2.29	2.15	2.04	1.86	2.44	2.71	1.77
15	4.52	1.77	3.66	2.11	1.85	2.09	2.02	2.05	1.85	3.22	2.75	1.78
16	2.64	1.80	2.68	2.00	1.83	1.99	1.93	2.06	1.84	3.07	2.23	1.79
17	2.17	1.80	2.57	1.94	1.80	1.95	1.86	2.10	1.88	2.64	2.59	1.80
18	1.96	1.82	2.86	1.90	1.78	1.87	1.86	2.18	1.86	2.18	2.07	1.80
19	1.84	1.87	2.64	2.21	1.77	1.82	1.85	2.20	1.88	2.02	1.89	1.80
20	1.76	1.88	2.30	5.33	3.10	1.87	1.81	2.20	1.89	1.96	1.81	1.82
21	1.72	1.87	2.12	4.51	3.41	2.94	1.80	2.20	1.94	1.92	1.76	1.90
22	1.69	1.87	2.03	2.92	2.45	2.45	1.77	2.20	1.92	2.02	1.93	2.46
23	1.67	1.91	2.03	2.57	2.15	2.07	1.76	2.20	1.88	2.17	2.19	2.05
24	1.65	2.01	2.00	2.42	2.02	1.93	1.78	2.20	1.85	2.13	1.89	1.81
25	1.64	2.03	1.95	3.63	1.93	1.86	1.86	2.21	1.85	2.00	1.74	2.18
26	1.61	2.04	1.92	3.08	1.86	4.70	1.88	2.25	1.90	1.98	1.72	8.19
27	1.60	2.36	1.90	2.53	1.81	9.13	1.92	2.27	2.06	1.94	1.71	10.08
28	1.59	3.68	1.95	2.29	1.78	6.79	1.95	2.28	2.35	1.89	1.69	8.05
29	1.59	---	1.97	2.16	---	3.10	1.94	2.28	2.37	1.88	1.66	3.54
30	1.59	---	1.93	2.09	---	2.56	1.94	3.13	2.03	2.02	1.64	2.55
31	1.60	---	1.89	---	---	2.38	---	3.98	---	2.01	1.63	---
MAX	6.38	---	---	---	3.52	9.13	8.29	3.98	---	3.22	7.05	10.08
MIN	1.58	---	---	---	1.77	1.82	1.76	1.96	---	1.84	1.63	1.63

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 90°40'38", in SE ¼ NE ¼ sec. 26, T. 6 S., R. 5 E., St. Helena Meridian, Livingston Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi west of Holden, and 5.1 mi upstream from Big Branch.

DRAINAGE AREA.--247 mi^2.

PERIOD OF RECORD.--October 1940 to current year.

REVISED RECORDS.--WSP 1711: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 18.652 ft above NAVD 88. Prior to Oct. 1, 2001, datum of gage is 19.15 ft, above NGVD of 1929. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944 to June 14, 1948, water-stage recorder, June 15, 1949 to Dec. 9, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

PEAK DISCHARGES 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)
Apr 11	1030	4,070	13.11	Sep 29	1530	*4,910	*14.27

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	116	207	137	276	174	1230	144	247	152	171	109
2	100	114	172	135	409	761	1140	142	268	114	129	107
3	99	112	159	131	486	1530	560	137	174	99	109	107
4	98	111	140	129	370	1780	380	135	134	93	96	106
5	97	110	127	160	276	1150	298	132	128	91	90	106
6	100	109	119	337	280	486	251	130	118	96	112	104
7	102	108	116	486	369	338	224	128	108	107	222	113
8	102	106	113	362	436	280	362	125	106	123	800	110
9	101	106	110	266	380	250	1800	124	103	99	841	121
10	98	104	108	217	299	245	3070	121	100	92	389	117
11	125	104	107	190	245	224	3940	120	104	91	228	109
12	143	103	107	181	215	252	2970	117	101	97	182	103
13	261	103	126	187	194	399	1650	115	101	109	159	99
14	465	102	209	182	179	401	549	115	100	103	170	97
15	879	102	565	177	169	313	393	114	96	104	249	96
16	873	101	569	179	160	261	321	112	92	130	278	94
17	517	101	375	167	153	233	278	113	90	182	221	94
18	281	100	312	155	147	221	248	115	89	177	179	95
19	215	100	308	152	143	e203	227	112	89	152	177	95
20	182	100	272	202	145	185	212	110	89	125	165	94
21	164	97	229	333	176	193	200	107	87	104	144	94
22	152	98	197	538	305	330	189	105	86	96	131	101
23	144	99	184	461	287	340	179	103	87	99	132	144
24	137	100	166	327	214	247	174	102	90	116	233	164
25	132	101	157	390	182	204	167	101	86	147	214	168
26	127	101	149	350	164	477	162	100	88	129	162	1020
27	124	99	143	396	154	965	158	99	104	108	138	1570
28	121	100	141	310	146	1650	154	107	104	97	125	2590
29	118	116	140	245	---	1680	150	109	128	91	119	4630
30	117	237	142	213	---	1880	146	129	144	176	115	3710
31	116	---	143	193	---	1290	---	172	---	214	112	---
TOTAL	6392	3260	6112	7888	6959	18942	21782	3695	3441	3713	6592	16267
MEAN	206.2	108.7	197.2	254.5	248.5	611.0	726.1	119.2	114.7	119.8	212.6	542.2
MAX	879	237	569	538	486	1880	3940	172	268	214	841	4630
MIN	97	97	107	129	143	174	146	99	86	91	90	94
CFSM	0.83	0.44	0.80	1.03	1.01	2.47	2.94	0.48	0.46	0.48	0.86	2.20
IN.	0.96	0.49	0.92	1.19	1.05	2.85	3.28	0.56	0.52	0.56	0.99	2.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2002, BY WATER YEAR (WY)

MEAN	155.8	226.0	417.5	594.9	705.2	666.8	610.3	380.3	248.4	197.1	203.9	214.0
MAX	591	957	1565	2152	2592	1696	2352	1989	1238	891	840	1192
(WY)	1965	1978	1962	1990	1966	1943	1983	1991	2001	1946	1955	1977
MIN	67.2	76.7	101	98.1	103	113	109	73.3	64.2	80.6	67.7	75.0
(WY)	2001	1970	1961	1957	2000	2000	2000	2000	2000	2000	2000	1968

07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1941 - 2002	
ANNUAL TOTAL	141528		105043			
ANNUAL MEAN	387.7		287.8		383.3	
HIGHEST ANNUAL MEAN					707	1983
LOWEST ANNUAL MEAN					94.8	2000
HIGHEST DAILY MEAN	6810	Jun 9	4630	Sep 29	19200	Apr 7 1983
LOWEST DAILY MEAN	82	May 31	86	Jun 22	53	Jun 12 2000
ANNUAL SEVEN-DAY MINIMUM	83	May 28	88	Jun 20	56	Sep 2 2000
MAXIMUM PEAK FLOW			4910	Sep 29	22500	Apr 7 1983
MAXIMUM PEAK STAGE			14.27	Sep 29	21.04	Apr 7 1983
INSTANTANEOUS LOW FLOW			84	Jun 26	52	Sep 6 2000
ANNUAL RUNOFF (CFSM)	1.57		1.17		1.55	
ANNUAL RUNOFF (INCHES)	21.32		15.82		21.08	
10 PERCENT EXCEEDS	675		463		786	
50 PERCENT EXCEEDS	158		144		164	
90 PERCENT EXCEEDS	98		99		98	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.67	0.71	1.54	0.92	2.07	1.23	6.76	1.15	2.03	1.22	1.39	0.64
2	0.65	0.69	1.24	0.90	2.97	4.76	6.37	1.13	2.18	0.86	1.01	0.62
3	0.64	0.68	1.12	0.86	3.50	7.70	3.90	1.09	1.42	0.71	0.81	0.62
4	0.63	0.66	0.94	0.84	2.73	8.41	2.79	1.07	1.06	0.65	0.68	0.61
5	0.62	0.65	0.82	1.11	2.07	6.42	2.23	1.04	1.00	0.63	0.62	0.61
6	0.65	0.64	0.74	2.49	2.10	3.46	1.89	1.02	0.90	0.68	0.83	0.59
7	0.67	0.63	0.71	3.50	2.72	2.51	1.68	1.00	0.80	0.79	1.77	0.68
8	0.67	0.61	0.68	2.67	3.17	2.10	2.54	0.97	0.78	0.95	5.06	0.65
9	0.66	0.61	0.66	2.00	2.80	1.89	8.36	0.96	0.75	0.71	5.25	0.76
10	0.63	0.59	0.63	1.62	2.24	1.85	11.32	0.93	0.72	0.64	2.83	0.72
11	0.88	0.59	0.62	1.39	1.85	1.68	12.90	0.92	0.76	0.63	1.71	0.64
12	1.07	0.58	0.62	1.32	1.60	1.89	11.12	0.89	0.73	0.69	1.33	0.58
13	1.99	0.58	0.81	1.37	1.43	2.93	7.87	0.87	0.73	0.81	1.12	0.54
14	3.34	0.57	1.51	1.33	1.30	2.94	3.86	0.87	0.72	0.75	1.22	0.52
15	5.40	0.57	3.92	1.29	1.21	2.33	2.98	0.86	0.68	0.76	1.83	0.51
16	5.39	0.56	3.96	1.31	1.13	1.97	2.53	0.84	0.64	1.02	2.09	0.49
17	3.61	0.56	2.76	1.19	1.07	1.76	2.26	0.85	0.62	1.49	1.66	0.49
18	2.11	0.55	2.33	1.08	1.01	1.65	2.04	0.87	0.61	1.45	1.30	0.50
19	1.61	0.55	2.30	1.06	0.97	---	1.87	0.84	0.61	1.22	1.28	0.50
20	1.33	0.55	2.04	1.49	0.99	1.36	1.75	0.82	0.61	0.97	1.18	0.49
21	1.17	0.52	1.72	2.47	1.28	1.42	1.64	0.79	0.59	0.76	0.98	0.49
22	1.06	0.53	1.45	3.79	2.27	2.42	1.55	0.77	0.58	0.68	0.86	0.56
23	0.98	0.54	1.34	3.31	2.15	2.52	1.48	0.75	0.59	0.71	0.86	0.97
24	0.92	0.55	1.19	2.43	1.60	1.86	1.43	0.74	0.62	0.88	1.71	1.17
25	0.87	0.56	1.10	2.86	1.33	1.51	1.37	0.73	0.58	1.18	1.59	1.20
26	0.82	0.56	1.03	2.59	1.17	3.33	1.32	0.72	0.60	1.01	1.15	5.78
27	0.79	0.54	0.97	2.90	1.07	5.69	1.28	0.71	0.76	0.80	0.93	7.83
28	0.76	0.55	0.96	2.31	1.00	8.05	1.24	0.79	0.76	0.69	0.80	10.26
29	0.73	0.71	0.94	1.85	---	8.14	1.21	0.81	0.99	0.63	0.74	13.89
30	0.72	1.78	0.97	1.59	---	8.69	1.17	1.01	1.15	1.35	0.70	12.46
31	0.71	---	0.97	1.42	---	6.94	---	1.40	---	1.77	0.67	---
MAX	5.40	1.78	3.96	3.79	3.50	---	12.90	1.40	2.18	1.77	5.25	13.89
MIN	0.62	0.52	0.62	0.84	0.97	---	1.17	0.71	0.58	0.63	0.62	0.49

07376420 NATALBANY RIVER AT AMITE, LA.

LOCATION.--Lat 30°42'45", long 90°34'26", sec. 53, T. 4 S., R. 6 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070203, on downstream side of bridge on State Highway 16, 1.25 miles southwest of Coon Branch, and 2.75 miles west of Interstate 55.

DRAINAGE AREA.--34.5 mi^2.

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.43 ft, Jan. 7, 1998, June 7, 2001; minimum, 6.99 ft, May 31-June 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.85 ft, Apr. 9; minimum gage height, 7.03 ft, May 29.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.23	7.17	7.19	7.46	8.63	8.12	10.68	7.16	7.94	7.15	8.03	7.09
2	7.22	7.22	7.12	7.48	8.82	11.35	9.00	7.15	7.51	7.11	7.95	7.10
3	7.21	7.15	7.13	7.39	8.44	10.04	8.57	7.13	7.27	7.11	7.62	7.10
4	7.20	7.16	7.18	7.33	8.25	8.89	8.31	7.12	7.19	7.11	7.38	7.09
5	7.26	7.17	7.21	7.93	8.19	8.56	8.13	7.11	7.20	7.19	7.21	7.09
6	7.31	7.15	7.20	9.67	8.81	8.39	8.00	7.11	7.13	7.25	7.79	7.15
7	7.23	7.17	7.22	8.93	9.03	8.27	7.89	7.10	7.11	7.38	8.75	7.17
8	7.20	7.15	7.21	8.52	8.65	8.17	9.40	7.10	7.10	7.16	8.29	7.11
9	7.21	7.15	7.24	8.34	8.43	8.08	13.08	7.10	7.11	7.13	8.02	7.10
10	7.22	7.17	7.26	8.22	8.30	8.17	11.14	7.09	7.10	7.14	7.66	7.09
11	7.40	7.19	7.28	8.13	8.19	8.08	9.13	7.09	7.09	7.11	7.37	7.09
12	7.91	7.19	7.28	8.12	8.08	9.26	8.67	7.09	7.08	7.30	7.22	7.09
13	8.35	7.20	7.86	8.23	8.00	9.01	8.43	7.11	7.09	7.44	7.31	7.08
14	9.60	7.21	10.30	8.21	7.94	8.50	8.27	7.09	7.09	7.69	7.26	7.08
15	8.69	7.21	8.93	8.09	7.83	8.28	8.13	7.09	7.09	7.35	7.26	7.08
16	8.22	7.21	8.40	7.96	7.75	8.19	8.00	7.08	7.09	7.30	7.21	7.08
17	7.94	7.21	8.84	7.85	7.67	8.13	7.90	7.10	7.09	7.19	7.13	7.25
18	7.71	7.22	9.13	7.73	7.59	8.04	7.81	7.09	7.08	7.14	7.13	7.18
19	7.53	7.22	8.56	8.05	7.55	7.96	7.74	7.09	7.16	7.13	7.13	7.09
20	7.43	7.22	8.27	8.82	8.39	7.91	7.66	7.08	7.08	7.12	7.12	7.35
21	7.35	7.22	8.11	8.58	8.44	7.87	7.58	7.07	7.07	7.13	7.11	7.10
22	7.29	7.22	7.97	8.37	8.18	7.88	7.49	7.06	7.07	7.20	7.11	7.09
23	7.27	7.23	7.92	8.30	8.00	7.82	7.42	7.06	7.08	7.13	7.11	7.09
24	7.23	7.26	7.79	8.30	7.86	7.74	7.38	7.06	7.08	7.11	7.57	7.09
25	7.20	7.16	7.79	8.34	7.72	7.65	7.33	7.05	7.07	7.34	7.43	8.07
26	7.18	7.17	7.68	8.36	7.66	9.83	7.29	7.04	7.12	7.20	7.17	11.03
27	7.15	7.18	7.56	8.22	7.57	10.72	7.26	7.05	7.32	7.13	7.14	11.26
28	7.16	7.26	7.57	8.11	7.50	9.00	7.22	7.05	7.26	7.13	7.12	9.03
29	7.16	7.58	7.57	8.02	---	8.57	7.20	7.07	7.11	7.10	7.11	8.44
30	7.15	7.40	7.50	7.97	---	8.35	7.18	7.92	7.11	8.19	7.10	8.19
31	7.15	---	7.51	7.92	---	9.08	---	9.41	---	8.93	7.10	---
MAX	9.60	7.58	10.30	9.67	9.03	11.35	13.08	9.41	7.94	8.93	8.75	11.26
MIN	7.15	7.15	7.12	7.33	7.50	7.65	7.18	7.04	7.07	7.10	7.10	7.08

07376500 NATALBANY RIVER AT BAPTIST, LA.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE ¼ NW ¼ sec. 30, T. 6 S., R. 7 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070203, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi downstream from Still Branch, and 0.7 mi west of Baptist.

DRAINAGE AREA.--79.5 mi^2.

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1057: 1943.

GAGE.--Water-stage recorder. Datum of gage is 10.79 ft above NAVD 88. Prior to July 29, 1994, the datum of gage was 11.28 ft above NGVD of 1929. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft upstream at same datum.

REMARKS.--Records good. Satellite telemetry and rain gage at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 9	1400	*2,220	*13.66	Sep 27	0800	2,040	13.33

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	19	27	17	160	105	372	e23	62	45	59	11
2	16	19	19	24	105	1010	137	e22	38	28	68	12
3	16	18	16	20	64	462	77	e22	31	22	35	14
4	16	18	15	18	45	134	55	e22	28	21	23	14
5	16	18	15	303	41	81	44	e22	31	29	21	13
6	19	18	15	524	157	63	39	e21	37	26	25	14
7	19	18	15	151	134	54	36	e21	38	28	58	23
8	16	18	14	80	81	48	620	e21	27	36	57	23
9	15	18	14	56	55	80	2130	e20	24	25	62	15
10	16	18	14	46	43	69	1350	e20	24	24	24	13
11	198	17	13	40	38	50	292	e20	24	26	18	11
12	178	17	14	54	36	206	208	e19	23	32	18	11
13	182	17	32	70	33	184	83	e18	22	60	16	11
14	381	17	223	51	30	88	59	e18	22	47	37	11
15	107	18	117	41	29	63	50	e17	21	48	34	10
16	49	17	47	35	28	53	45	e15	21	36	44	10
17	34	17	101	32	27	48	41	e17	21	26	24	10
18	29	16	112	30	26	44	37	e19	22	23	17	14
19	27	15	57	35	25	40	34	e18	21	22	14	13
20	24	16	34	120	89	134	33	17	24	21	17	31
21	23	15	24	78	86	99	31	17	25	20	15	26
22	23	15	25	57	51	49	29	18	21	25	13	14
23	23	16	70	49	37	39	28	17	22	29	22	15
24	22	15	36	71	31	36	27	17	23	24	19	12
25	22	18	23	188	28	34	26	17	22	22	16	238
26	21	16	20	73	27	701	e25	17	35	21	14	1650
27	20	15	18	51	25	420	e24	17	44	21	13	1620
28	20	18	20	42	25	130	e23	16	69	20	12	300
29	20	138	21	37	---	65	e23	17	48	20	12	80
30	20	92	18	34	---	47	e23	102	34	50	11	47
31	20	---	17	32	---	563	---	163	---	168	11	---
TOTAL	1609	707	1206	2459	1556	5199	6001	810	904	1045	829	4286
MEAN	51.90	23.57	38.90	79.32	55.57	167.7	200.0	26.13	30.13	33.71	26.74	142.9
MAX	381	138	223	524	160	1010	2130	163	69	168	68	1650
MIN	15	15	13	17	25	34	23	15	21	20	11	10
CFSM	0.65	0.30	0.49	1.00	0.70	2.11	2.52	0.33	0.38	0.42	0.34	1.80
IN.	0.75	0.33	0.56	1.15	0.73	2.43	2.81	0.38	0.42	0.49	0.39	2.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2002, BY WATER YEAR (WY)

MEAN	37.31	76.23	132.4	184.1	237.6	212.8	195.9	111.3	66.51	53.00	58.49	61.54
MAX	356	750	710	710	1026	563	821	791	518	230	378	586
(WY)	1986	1949	1954	1998	1966	1995	1983	1953	2001	1946	1992	1977
MIN	2.61	3.47	6.97	9.48	6.66	15.2	8.36	5.60	5.88	4.55	4.94	5.86
(WY)	1964	1966	1959	1957	2000	1955	1963	1963	1955	1947	1948	1969

07376500 NATALBANY RIVER AT BAPTIST, LA.--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1944 - 2002	
ANNUAL TOTAL	50960		26611			
ANNUAL MEAN	139.6		72.91		118.2	
HIGHEST ANNUAL MEAN					234	1983
LOWEST ANNUAL MEAN					19.7	2000
HIGHEST DAILY MEAN	3500	Jun 8	2130	Apr 9	9700	Apr 7 1983
LOWEST DAILY MEAN	13	Dec 11	10	Sep 15	1.8	Nov 3 1963
ANNUAL SEVEN-DAY MINIMUM	14	Dec 6	11	Sep 11	2.1	Dec 11 1962
MAXIMUM PEAK FLOW			2220	Apr 9	9810	Apr 7 1983
MAXIMUM PEAK STAGE			13.66	Apr 9	20.80	Apr 7 1983
INSTANTANEOUS LOW FLOW			10	Several days	1.8	Nov 2 1963
ANNUAL RUNOFF (CFSM)	1.76		0.92		1.49	
ANNUAL RUNOFF (INCHES)	23.85		12.45		20.21	
10 PERCENT EXCEEDS	266		124		247	
50 PERCENT EXCEEDS	32		25		25	
90 PERCENT EXCEEDS	18		15		7.2	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.20	4.10	4.30	4.03	6.04	4.93	7.68	---	4.66	4.27	4.79	3.56
2	4.19	4.09	4.08	4.24	5.52	10.79	5.85	---	4.10	3.84	4.94	3.59
3	4.18	4.08	4.00	4.13	4.93	8.16	5.13	---	3.92	3.68	4.29	3.68
4	4.18	4.08	3.96	4.05	4.57	5.83	4.76	---	3.85	3.65	3.96	3.70
5	4.18	4.06	3.96	6.13	4.46	5.20	4.55	---	3.92	3.86	3.87	3.63
6	4.25	4.06	3.95	8.47	6.07	4.90	4.42	---	4.08	3.80	3.99	3.68
7	4.27	4.05	3.95	6.00	5.84	4.74	4.35	---	4.09	3.84	4.80	3.97
8	4.17	4.05	3.93	5.17	5.20	4.63	7.63	---	3.81	4.05	4.70	4.00
9	4.16	4.05	3.92	4.77	4.76	5.05	13.51	---	3.74	3.76	4.79	3.71
10	4.18	4.07	3.92	4.58	4.53	5.00	11.70	---	3.74	3.72	3.98	3.63
11	5.67	4.04	3.90	4.45	4.40	4.68	7.08	---	3.72	3.79	3.79	3.57
12	6.06	4.04	3.91	4.71	4.35	6.38	6.44	---	3.69	3.94	3.78	3.55
13	5.84	4.03	4.31	5.02	4.28	6.28	5.23	---	3.67	4.54	3.71	3.54
14	7.66	4.04	6.62	4.68	4.21	5.29	4.83	---	3.66	4.32	4.29	3.54
15	5.56	4.05	5.65	4.48	4.18	4.91	4.66	---	3.64	4.33	4.28	3.53
16	4.77	4.04	4.74	4.33	4.14	4.73	4.57	---	3.64	4.05	4.52	3.52
17	4.47	4.02	5.47	4.25	4.11	4.63	4.47	---	3.62	3.80	4.04	3.52
18	4.36	4.00	5.64	4.20	4.09	4.54	4.39	---	3.65	3.71	3.79	3.67
19	4.31	3.98	4.92	4.31	4.07	4.46	4.32	---	3.64	3.66	3.70	3.63
20	4.25	3.99	4.48	5.69	5.04	5.52	4.26	3.80	3.73	3.62	3.79	4.20
21	4.21	3.97	4.25	5.15	5.26	5.41	4.22	3.80	3.75	3.60	3.73	4.07
22	4.20	3.97	4.25	4.79	4.69	4.64	4.18	3.83	3.63	3.74	3.64	3.69
23	4.20	3.99	5.12	4.64	4.38	4.43	4.14	3.80	3.66	3.87	3.94	3.71
24	4.19	3.98	4.52	4.91	4.23	4.36	4.11	3.80	3.71	3.72	3.86	3.59
25	4.17	4.07	4.22	6.29	4.16	4.31	4.09	3.80	3.66	3.66	3.76	6.32
26	4.14	3.99	4.12	5.07	4.11	8.91	---	3.81	4.00	3.65	3.70	12.48
27	4.13	3.98	4.07	4.68	4.07	7.96	---	3.80	4.24	3.64	3.62	12.33
28	4.12	4.08	4.11	4.49	4.06	5.76	---	3.78	4.79	3.61	3.59	7.08
29	4.12	5.61	4.14	4.37	---	4.94	---	3.81	4.34	3.59	3.58	5.17
30	4.11	5.31	4.08	4.30	---	4.60	---	5.30	4.00	4.27	3.57	4.61
31	4.11	---	4.03	4.26	---	8.05	---	6.08	---	6.08	3.56	---
MAX	7.66	5.61	6.62	8.47	6.07	10.79	---	---	4.79	6.08	4.94	12.48
MIN	4.11	3.97	3.90	4.03	4.06	4.31	---	---	3.62	3.59	3.56	3.52

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. 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 good, except for estimated daily discharge, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

PEAK DISCHARGES 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)
Sep 28	0800	*9,890	*12.67	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	266	297	428	315	1170	327	1180	322	474	273	390	243
2	264	295	343	309	1080	2460	1040	315	330	264	312	239
3	261	293	311	302	813	2210	737	308	285	256	270	238
4	260	289	296	297	614	1160	573	303	264	257	253	235
5	263	283	289	315	527	740	481	300	253	283	248	234
6	295	277	281	511	850	566	420	295	263	448	527	232
7	323	274	284	582	1780	473	385	290	255	358	1760	237
8	329	274	279	475	1440	417	1240	284	257	292	1230	259
9	284	273	277	412	921	391	6080	278	300	309	550	260
10	269	271	273	378	710	392	5610	271	307	286	385	241
11	299	270	271	358	587	358	3100	267	310	282	320	233
12	788	270	271	370	504	528	1240	264	281	277	319	229
13	713	267	548	974	448	1220	956	269	254	313	552	226
14	2730	267	1320	1000	410	987	779	272	247	874	1250	222
15	2280	267	1040	670	379	627	674	265	243	872	1090	220
16	1250	265	679	514	357	480	602	259	240	822	739	218
17	726	264	588	438	336	428	547	262	241	584	729	220
18	547	264	820	400	317	378	504	262	241	391	540	227
19	467	264	727	616	302	341	473	257	241	321	399	223
20	424	263	553	1840	704	315	446	249	245	289	340	228
21	394	259	452	1750	1230	499	424	247	240	272	314	228
22	374	258	404	1170	866	653	404	246	239	294	291	280
23	358	261	386	952	556	531	389	246	236	356	753	337
24	347	265	369	756	430	361	379	245	242	385	599	259
25	335	261	360	1480	368	302	366	245	245	358	375	292
26	320	267	342	2020	333	2180	352	250	379	477	322	1750
27	309	273	329	1360	306	6180	341	280	409	372	323	5710
28	303	310	340	860	278	3600	335	263	360	301	297	8700
29	301	348	348	685	---	1310	333	255	361	280	279	e7500
30	300	472	340	590	---	908	327	795	301	306	262	e4000
31	300	---	324	534	---	843	---	748	---	429	249	---
TOTAL	16679	8461	13872	23233	18616	32165	30717	9412	8543	11881	16267	33720
MEAN	538.0	282.0	447.5	749.5	664.9	1038	1024	303.6	284.8	383.3	524.7	1124
MAX	2730	472	1320	2020	1780	6180	6080	795	474	874	1760	8700
MIN	260	258	271	297	278	302	327	245	236	256	248	218
CFSM	0.93	0.49	0.77	1.29	1.15	1.79	1.77	0.52	0.49	0.66	0.90	1.94
IN.	1.07	0.54	0.89	1.49	1.19	2.06	1.97	0.60	0.55	0.76	1.04	2.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2002, BY WATER YEAR (WY)

MEAN	454.3	552.4	1047	1254	1655	1593	1502	892.9	619.2	498.4	436.4	497.4
MAX	2964	2528	4106	3870	4793	5194	6032	4275	2915	2184	1491	2081
(WY)	1965	1958	1972	1998	1966	1980	1983	1953	1975	1989	1975	1975
MIN	197	225	263	339	311	358	318	213	252	217	215	220
(WY)	1964	1970	1967	1957	2000	2000	2001	2001	2000	2000	2000	1963

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1951 - 2002	
ANNUAL TOTAL	314119		223566			
ANNUAL MEAN	860.6		612.5		905.6	
HIGHEST ANNUAL MEAN					1924	1983
LOWEST ANNUAL MEAN					328	2000
HIGHEST DAILY MEAN	24000	Jun 8	8700	Sep 28	58500	Apr 7 1983
LOWEST DAILY MEAN	191	May 30	218	Sep 16	170	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	193	May 25	222	Sep 13	177	Sep 2 2000
MAXIMUM PEAK FLOW			9890	Sep 28	104000	Jan 25 1990
MAXIMUM PEAK STAGE			12.67	Sep 28	22.05	Jan 25 1990
INSTANTANEOUS LOW FLOW			215	Sep 16,17	167	Sep 7 2000
ANNUAL RUNOFF (CFSM)	1.48		1.06		1.56	
ANNUAL RUNOFF (INCHES)	20.15		14.34		21.22	
10 PERCENT EXCEEDS	1600		1120		1530	
50 PERCENT EXCEEDS	366		335		408	
90 PERCENT EXCEEDS	246		248		250	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.67	0.76	1.11	0.87	2.95	1.25	3.45	1.55	1.94	1.36	1.65	1.22
2	0.66	0.75	0.88	0.86	2.79	5.52	3.16	1.53	1.57	1.32	1.44	1.20
3	0.65	0.74	0.80	0.84	2.19	5.13	2.50	1.51	1.44	1.30	1.32	1.20
4	0.65	0.73	0.75	0.82	1.76	3.18	2.14	1.49	1.38	1.30	1.27	1.19
5	0.66	0.71	0.73	0.88	1.58	2.27	1.93	1.48	1.35	1.37	1.25	1.18
6	0.75	0.70	0.72	1.38	2.30	1.89	1.79	1.47	1.37	1.82	1.98	1.17
7	0.83	0.69	0.73	1.54	4.20	1.69	1.70	1.45	1.34	1.58	4.48	1.20
8	0.85	0.69	0.72	1.29	3.57	1.56	3.30	1.44	1.35	1.39	3.48	1.29
9	0.72	0.69	0.72	1.14	2.47	1.50	9.99	1.42	1.47	1.44	2.04	1.29
10	0.68	0.68	0.71	1.06	1.99	1.51	9.55	1.40	1.49	1.37	1.64	1.22
11	0.76	0.68	0.71	1.01	1.73	1.43	6.59	1.39	1.50	1.36	1.46	1.18
12	1.91	0.68	0.71	1.04	1.55	1.85	3.62	1.38	1.41	1.34	1.46	1.16
13	1.75	0.67	1.39	2.41	1.42	3.39	3.04	1.40	1.33	1.44	2.04	1.15
14	5.75	0.67	3.12	2.47	1.34	2.90	2.64	1.40	1.31	2.78	3.55	1.13
15	4.93	0.67	2.52	1.75	1.26	2.10	2.40	1.38	1.28	2.77	3.23	1.13
16	2.90	0.66	1.72	1.41	1.22	1.78	2.24	1.37	1.26	2.66	2.47	1.12
17	1.78	0.66	1.52	1.24	1.17	1.66	2.11	1.37	1.26	2.11	2.45	1.13
18	1.39	0.66	2.03	1.15	1.12	1.54	2.02	1.38	1.27	1.65	2.01	1.15
19	1.21	0.66	1.83	1.63	1.09	1.45	1.94	1.36	1.27	1.46	1.67	1.14
20	1.10	0.66	1.46	4.21	2.06	1.38	1.87	1.34	1.28	1.37	1.52	1.15
21	1.02	0.65	1.22	4.04	3.24	1.86	1.82	1.33	1.25	1.32	1.44	1.15
22	0.97	0.64	1.10	2.91	2.45	2.22	1.77	1.32	1.24	1.39	1.38	1.34
23	0.93	0.65	1.05	2.42	1.77	1.95	1.73	1.32	1.23	1.56	2.49	1.51
24	0.90	0.66	1.01	1.99	1.48	1.54	1.70	1.31	1.26	1.64	2.15	1.28
25	0.86	0.65	0.98	3.50	1.33	1.38	1.67	1.31	1.28	1.57	1.61	1.38
26	0.82	0.67	0.94	4.59	1.25	4.75	1.63	1.33	1.64	1.86	1.47	4.28
27	0.79	0.69	0.91	3.32	1.18	10.05	1.60	1.43	1.73	1.60	1.47	9.48
28	0.77	0.79	0.94	2.25	1.11	7.21	1.59	1.38	1.60	1.41	1.40	11.94
29	0.77	0.90	0.96	1.87	---	3.67	1.58	1.35	1.61	1.35	1.34	---
30	0.76	1.21	0.94	1.68	---	2.86	1.56	2.67	1.44	1.42	1.30	---
31	0.76	---	0.89	1.55	---	2.72	---	2.57	---	1.75	1.25	---
MAX	5.75	1.21	3.12	4.59	4.20	10.05	9.99	2.67	1.94	2.78	4.48	---
MIN	0.65	0.64	0.71	0.82	1.09	1.25	1.56	1.31	1.23	1.30	1.25	---

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

LOCATION.--Lat 30°45'21", long 91°02'38", in sec. 41, T. 3 S., R. 2 E., St. Helena Meridian, East Feliciana Parish Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67, 1,000 ft downstream from Knighton Bayou, and 1.3 mi northeast of Olive Branch.

DRAINAGE AREA.--145 mi^2.

PERIOD OF RECORD.--August 1942 to current year.

REVISED RECORDS.--WSP 1177: 1948, 1949(M). WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.65 ft above NGVD of 1929. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft upstream. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Records fair, except for estimated daily discharge, which are poor. Satellite telemetry and rain gage at station.

PEAK DISCHARGES 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)
Apr 8	2230	4,380	7.70	Aug 7	0530	*13,300	*14.34

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e49	e50	62	54	441	e440	311	59	e125	50	154	69
2	e47	e49	48	54	212	e3500	159	59	e80	49	93	69
3	e45	e48	46	53	115	e1000	130	58	e66	49	65	69
4	45	e47	45	52	96	e400	122	57	e60	49	56	68
5	46	e46	44	66	89	e220	121	57	e58	46	51	66
6	48	45	43	164	187	128	121	56	e56	41	2380	65
7	51	45	44	122	412	120	121	56	e57	52	10000	64
8	51	45	45	80	178	114	1380	56	e58	53	2460	64
9	46	45	43	69	121	112	2890	56	e57	59	297	63
10	45	45	44	65	105	116	2340	55	e77	55	e200	62
11	47	45	44	62	94	113	355	55	e61	58	e130	62
12	e130	45	45	65	86	164	140	54	e51	63	e175	62
13	e400	45	207	139	81	218	105	56	51	76	e260	62
14	e1300	45	363	102	80	142	91	56	50	101	e200	e61
15	e500	44	119	75	79	120	84	56	50	75	e320	e60
16	e160	43	77	67	78	113	78	56	50	99	e520	e59
17	e80	43	101	63	78	109	74	56	50	111	e180	e58
18	e77	43	129	60	77	107	72	56	50	77	e150	e90
19	e75	43	90	184	76	105	69	56	50	71	e100	e60
20	e72	43	69	610	302	106	68	55	51	68	e85	e68
21	e70	43	62	217	392	234	66	54	53	67	e71	e75
22	e68	43	59	126	149	154	66	54	53	71	e150	e60
23	e65	43	58	103	115	118	64	54	51	e90	e120	e70
24	e63	43	57	91	101	110	63	53	53	e200	e95	e82
25	e61	42	56	199	93	106	62	53	48	e130	e80	e140
26	e60	43	54	202	90	299	62	53	92	88	e78	e1500
27	e58	43	53	111	89	937	61	53	77	53	e71	1170
28	e56	43	59	93	85	324	60	53	62	44	69	437
29	e55	46	65	83	---	162	60	54	63	57	69	110
30	e52	68	60	79	---	140	60	e72	52	299	69	86
31	e51	---	56	77	---	359	---	e175	---	496	69	---
TOTAL	3973	1361	2347	3587	4101	10390	9455	1853	1812	2897	18817	5031
MEAN	128.2	45.37	75.71	115.7	146.5	335.2	315.2	59.77	60.40	93.45	607.0	167.7
MAX	1300	68	363	610	441	3500	2890	175	125	496	10000	1500
MIN	45	42	43	52	76	105	60	53	48	41	51	58
CFSM	0.88	0.31	0.52	0.80	1.01	2.31	2.17	0.41	0.42	0.64	4.19	1.16
IN.	1.02	0.35	0.60	0.92	1.05	2.67	2.43	0.48	0.46	0.74	4.83	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2002, BY WATER YEAR (WY)

MEAN	109.4	148.0	267.6	407.4	443.1	419.8	388.9	206.5	156.6	121.5	123.5	109.8
MAX	774	758	1137	1506	1454	1266	1507	1232	1406	570	607	623
(WY)	1986	1978	1983	1990	1966	1961	1997	1953	2001	1989	2002	1977
MIN	33.5	35.7	53.1	62.8	43.9	65.5	46.2	41.8	47.4	49.3	42.5	38.5
(WY)	2001	1969	1967	1957	2000	2000	1963	2001	1977	1956	1957	1972

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1943 - 2002	
ANNUAL TOTAL	105585		65624			
ANNUAL MEAN	289.3		179.8		240.8	
HIGHEST ANNUAL MEAN					527	1983
LOWEST ANNUAL MEAN					62.2	2000
HIGHEST DAILY MEAN	19400	Jun 8	10000	Aug 7	19400	Jun 8 2001
LOWEST DAILY MEAN	34	May 30	41	Jul 6	28	Oct 31 2000
ANNUAL SEVEN-DAY MINIMUM	35	May 28	43	Nov 19	28	Oct 29 2000
MAXIMUM PEAK FLOW			13300	Aug 7	25300	Jun 8 2001
MAXIMUM PEAK STAGE			14.34	Aug 7	23.37	Mar 18 1961
INSTANTANEOUS LOW FLOW			40	Jul 5,6	a26	Oct 31 2000
ANNUAL RUNOFF (CFSM)	1.99		1.24		1.66	
ANNUAL RUNOFF (INCHES)	27.09		16.84		22.56	
10 PERCENT EXCEEDS	437		219		419	
50 PERCENT EXCEEDS	65		68		79	
90 PERCENT EXCEEDS	43		45		46	

a Also occurred Nov. 1, 2, 3, 4, 2002.
e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	-0.01	-0.10	1.89	---	1.47	0.21	---	0.09	0.90	0.08
2	---	---	-0.18	-0.10	1.07	---	0.72	0.21	---	0.08	0.54	0.08
3	---	---	-0.23	-0.12	0.52	---	0.53	0.20	---	0.08	0.28	0.08
4	-0.29	---	-0.24	-0.13	0.36	---	0.47	0.19	---	0.08	0.17	0.06
5	-0.29	---	-0.25	0.02	0.29	---	0.46	0.19	---	0.02	0.10	0.04
6	-0.25	-0.23	-0.26	0.84	0.88	0.51	0.46	0.18	---	-0.06	3.86	0.03
7	-0.20	-0.23	-0.25	0.56	1.86	0.46	0.46	0.18	---	0.12	12.28	0.02
8	-0.20	-0.23	-0.24	0.20	0.91	0.40	3.02	0.17	---	0.13	5.58	0.02
9	-0.27	-0.23	-0.26	0.08	0.56	0.39	6.25	0.17	---	0.20	1.44	0.01
10	-0.29	-0.24	-0.25	0.03	0.43	0.42	5.52	0.16	---	0.16	---	0.00
11	-0.26	-0.24	-0.25	0.00	0.33	0.40	1.66	0.16	---	0.20	---	0.00
12	---	-0.24	-0.24	0.03	0.26	0.74	0.86	0.15	---	0.26	---	0.00
13	---	-0.24	0.87	0.63	0.21	1.06	0.63	0.18	0.10	0.40	---	0.00
14	---	-0.24	1.67	0.40	0.20	0.61	0.52	0.17	0.09	0.59	---	---
15	---	-0.25	0.53	0.15	0.19	0.46	0.46	0.18	0.09	0.39	---	---
16	---	-0.26	0.17	0.06	0.18	0.40	0.41	0.17	0.09	0.56	---	---
17	---	-0.26	0.37	0.01	0.18	0.37	0.38	0.17	0.09	0.67	---	---
18	---	-0.26	0.62	-0.02	0.17	0.35	0.35	0.17	0.09	0.40	---	---
19	---	-0.26	0.30	0.65	0.16	0.33	0.33	0.17	0.09	0.34	---	---
20	---	-0.27	0.08	2.46	1.30	0.34	0.32	0.16	0.11	0.32	---	---
21	---	-0.27	0.00	1.09	1.73	1.13	0.30	0.15	0.14	0.31	---	---
22	---	-0.27	-0.04	0.60	0.65	0.69	0.29	0.15	0.13	0.34	---	---
23	---	-0.26	-0.04	0.41	0.41	0.44	0.27	0.15	0.11	---	---	---
24	---	-0.27	-0.06	0.31	0.30	0.37	0.26	0.14	0.13	---	---	---
25	---	-0.28	-0.08	1.00	0.23	0.34	0.25	0.14	0.06	---	---	---
26	---	-0.26	-0.10	1.02	0.20	1.24	0.25	0.14	0.42	0.48	---	---
27	---	-0.26	-0.11	0.48	0.19	3.26	0.24	0.14	0.40	0.13	---	3.73
28	---	-0.26	-0.04	0.33	0.15	1.47	0.23	0.14	0.25	0.0	0.08	1.79
29	---	-0.23	0.03	0.23	---	0.74	0.22	0.14	0.26	0.15	0.08	0.47
30	---	0.06	-0.02	0.19	---	0.59	0.22	---	0.12	1.35	0.08	0.26
31	---	---	-0.07	0.17	---	1.55	---	---	---	2.13	0.08	---
MAX	---	---	1.67	2.46	1.89	---	6.25	---	---	---	---	---
MIN	---	---	-0.26	-0.13	0.15	---	0.22	---	---	---	---	---

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E ½ sec. 39, T. 5 S., R. 1 E., St. Helena Meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Lower Zachary Road, 1.5 mi downstream from Indian Bayou, and 2.0 mi southeast of Zachary.

DRAINAGE AREA.--45 mi^2, approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 65.00 ft above NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Records fair, except for estimated daily discharge, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar 2	0330	1,750	16.84	Apr 8	2230	*2,080	*17.97

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.31	0.22	0.32	1.4	273	225	e40	0.54	0.27	0.66	1.8	0.52
2	e0.23	0.20	0.28	1.0	85	1230	29	0.49	0.23	1.5	0.91	0.44
3	e0.17	0.19	0.23	0.80	7.9	352	12	0.43	0.21	2.0	0.51	0.36
4	0.16	0.17	0.23	0.61	4.2	22	8.7	0.39	0.30	0.67	0.34	0.64
5	0.29	0.15	0.36	43	2.9	13	6.6	0.38	3.5	18	0.44	1.6
6	0.34	0.13	0.28	170	19	9.9	5.5	0.34	1.1	60	1.9	1.7
7	0.24	0.13	0.26	24	73	8.5	4.5	0.32	0.85	4.9	8.5	2.9
8	0.19	0.16	0.25	5.9	13	7.4	813	0.31	1.4	2.4	4.3	1.8
9	0.24	0.13	0.23	3.4	5.4	6.9	1450	0.29	1.3	1.3	2.3	1.4
10	0.71	0.13	0.24	2.2	3.5	5.6	386	0.29	1.2	0.87	1.9	0.94
11	18	0.13	0.21	1.6	2.4	6.8	16	0.28	0.52	0.73	9.5	1.9
12	16	0.13	0.17	4.6	1.9	54	7.6	0.27	0.34	1.5	16	1.6
13	399	0.14	92	8.7	1.5	57	4.6	0.24	0.29	5.6	99	1.0
14	785	0.13	107	6.1	1.7	15	3.6	0.24	0.23	4.2	162	0.69
15	115	0.13	9.6	3.3	1.4	10	3.0	0.23	0.18	2.5	66	0.69
16	7.1	0.13	3.6	2.1	1.0	7.8	2.5	0.21	0.17	6.6	90	0.69
17	3.6	0.13	39	1.4	0.84	6.7	2.1	0.50	0.17	5.8	17	1.0
18	2.3	0.13	23	1.2	0.76	6.1	1.8	0.51	0.17	2.1	5.7	1.3
19	1.7	0.13	5.5	84	0.70	5.4	1.6	0.35	0.16	1.4	3.2	0.82
20	1.2	0.12	2.8	275	58	5.7	1.4	0.31	0.20	0.86	1.9	0.47
21	0.98	0.12	1.7	34	49	45	1.3	0.28	0.25	0.62	2.4	0.65
22	0.76	0.13	1.1	7.1	6.6	40	1.1	0.25	0.21	0.45	26	0.90
23	0.62	0.13	1.3	4.3	3.8	12	0.97	0.24	0.17	0.44	39	2.0
24	0.55	0.14	0.89	4.1	3.2	7.8	0.92	0.22	4.2	0.52	84	1.9
25	0.45	0.12	0.70	25	1.8	5.8	0.87	0.22	7.1	0.35	36	8.0
26	0.36	0.12	0.56	20	1.4	36	0.76	0.37	4.7	0.76	4.1	676
27	0.36	0.14	0.45	5.3	1.1	48	0.73	0.40	2.0	0.96	2.5	366
28	0.42	0.21	4.3	3.1	0.89	20	0.63	0.28	1.8	1.3	1.7	19
29	0.42	0.40	4.6	2.3	---	8.5	0.58	0.23	1.3	2.6	1.3	5.2
30	0.34	0.36	3.2	2.1	---	6.1	0.59	0.26	1.0	7.0	0.96	3.2
31	0.26	---	2.1	2.9	---	e60	---	0.26	---	5.6	0.70	---
TOTAL	1357.30	4.78	306.46	750.51	624.89	2344.0	2807.95	9.93	35.52	144.19	691.86	1105.31
MEAN	43.78	0.159	9.886	24.21	22.32	75.61	93.60	0.320	1.184	4.651	22.32	36.84
MAX	785	0.40	107	275	273	1230	1450	0.54	7.1	60	162	676
MIN	0.16	0.12	0.17	0.61	0.70	5.4	0.58	0.21	0.16	0.35	0.34	0.36
CFSM	0.97	0.00	0.22	0.54	0.50	1.68	2.08	0.01	0.03	0.10	0.50	0.82
IN.	1.12	0.00	0.25	0.62	0.52	1.94	2.32	0.01	0.03	0.12	0.57	0.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2002, BY WATER YEAR (WY)

MEAN	34.87	43.08	78.06	148.9	138.8	112.9	129.9	58.66	61.83	32.97	40.48	35.10
MAX	372	209	369	426	378	335	423	260	519	282	203	226
(WY)	1985	1978	1983	1990	1988	1980	1983	1991	1989	1975	1987	1988
MIN	0.16	0.16	7.90	2.52	0.93	1.99	1.11	0.32	0.45	0.68	0.37	0.016
(WY)	1991	2002	1997	1981	2000	2000	1981	2002	1995	1995	1999	1990

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1973 - 2002	
ANNUAL TOTAL	33706.24		10182.70			
ANNUAL MEAN	92.35		27.90		75.92	
HIGHEST ANNUAL MEAN					142	1983
LOWEST ANNUAL MEAN					5.63	2000
HIGHEST DAILY MEAN	3790	Jun 9	1450	Apr 9	4270	Apr 22 1977
LOWEST DAILY MEAN	0.12	Nov 20	0.12	Nov 20	0.00	Aug 20 1974
ANNUAL SEVEN-DAY MINIMUM	0.13	Nov 20	0.13	Nov 20	0.00	Oct 3 1974
MAXIMUM PEAK FLOW			2080	Apr 8	4730	Apr 6 1983
MAXIMUM PEAK STAGE			17.97	Apr 8	23.24	Apr 6 1983
INSTANTANEOUS LOW FLOW			0.11	Nov 26	0.01	Aug 5 1998
ANNUAL RUNOFF (CFSM)	2.05		0.62		1.69	
ANNUAL RUNOFF (INCHES)	27.86		8.42		22.92	
10 PERCENT EXCEEDS	140		39		147	
50 PERCENT EXCEEDS	2.2		1.4		3.6	
90 PERCENT EXCEEDS	0.23		0.20		0.30	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.66	1.71	2.02	7.74	4.86	---	1.70	1.59	1.74	1.99	1.70
2	---	1.65	1.69	1.94	4.73	14.43	3.21	1.68	1.57	1.87	1.81	1.67
3	---	1.64	1.67	1.88	2.69	7.98	2.54	1.66	1.55	2.03	1.69	1.63
4	1.57	1.63	1.67	1.83	2.40	3.06	2.31	1.64	1.59	1.74	1.62	1.71
5	1.64	1.62	1.73	3.08	2.25	2.57	2.16	1.64	2.22	2.56	1.63	1.97
6	1.67	1.60	1.70	6.42	3.05	2.39	2.08	1.63	1.86	4.42	1.99	1.97
7	1.62	1.60	1.69	3.37	4.75	2.29	1.99	1.61	1.79	2.41	2.71	2.19
8	1.60	1.63	1.68	2.54	2.95	2.22	9.42	1.61	1.91	2.11	2.36	2.01
9	1.62	1.60	1.67	2.31	2.51	2.18	15.60	1.60	1.89	1.89	2.10	1.92
10	1.74	1.60	1.67	2.15	2.33	2.09	8.06	1.60	1.87	1.80	2.03	1.81
11	3.15	1.60	1.65	2.06	2.19	2.18	3.10	1.59	1.69	1.76	2.42	2.00
12	3.06	1.60	1.63	2.38	2.11	4.11	2.65	1.59	1.63	1.83	2.84	1.97
13	6.71	1.61	4.59	2.74	2.05	4.25	2.40	1.57	1.60	2.46	5.26	1.83
14	11.86	1.60	5.28	2.55	2.07	2.73	2.28	1.57	1.57	2.31	6.33	1.75
15	5.04	1.60	2.78	2.30	2.01	2.41	2.20	1.57	1.54	2.13	4.32	1.75
16	2.63	1.60	2.33	2.14	1.93	2.25	2.13	1.56	1.53	2.33	5.12	1.75
17	2.33	1.60	3.67	2.03	1.89	2.17	2.06	1.66	1.53	2.48	3.11	1.82
18	2.17	1.60	3.35	1.97	1.87	2.13	2.01	1.69	1.53	2.07	2.51	1.91
19	2.07	1.60	2.51	4.01	1.85	2.07	1.97	1.63	1.52	1.92	2.23	1.78
20	1.98	1.59	2.24	7.78	4.10	2.09	1.93	1.61	1.55	1.79	2.03	1.68
21	1.93	1.59	2.07	3.66	4.05	3.60	1.90	1.59	1.58	1.73	2.08	1.73
22	1.87	1.60	1.96	2.64	2.60	3.71	1.85	1.58	1.55	1.67	2.84	1.80
23	1.83	1.60	2.00	2.41	2.35	2.51	1.82	1.57	1.53	1.66	3.78	2.02
24	1.81	1.61	1.90	2.37	2.28	2.25	1.81	1.56	2.02	1.69	4.56	2.02
25	1.77	1.59	1.85	3.40	2.10	2.10	1.80	1.56	2.39	1.63	3.53	2.52
26	1.73	1.59	1.81	3.22	2.03	3.50	1.77	1.61	2.40	1.73	2.34	10.82
27	1.73	1.61	1.77	2.49	1.95	3.99	1.76	1.65	2.05	1.82	2.12	8.62
28	1.76	1.66	2.28	2.28	1.90	2.96	1.73	1.60	2.00	1.84	1.99	3.04
29	1.76	1.74	2.44	2.16	---	2.29	1.72	1.57	1.91	2.09	1.90	2.33
30	1.73	1.73	2.28	2.14	---	2.13	1.72	1.58	1.84	2.22	1.82	2.12
31	1.69	---	2.15	2.16	---	---	---	1.59	---	2.44	1.75	---
MAX	---	1.74	5.28	7.78	7.74	---	---	1.70	2.40	4.42	6.33	10.82
MIN	---	1.59	1.63	1.83	1.85	---	---	1.56	1.52	1.63	1.62	1.63

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", on line between secs. 24 and 44, T. 6 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near left bank on downstream side of bridge on State Highway 946, 0.5 mi downstream from Blackwater Bayou, and 2.6 mi west of Comite.

DRAINAGE AREA.--284 mi^2.

PERIOD OF RECORD.--March 1944 to current year.

REVISED RECORDS.--WSP 1920: Drainage area. WDR LA-85-1: 1984.

GAGE.--Water-stage recorder. Datum of gage is 23.85 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). From Oct. 1, 1962, to Sept. 30, 1975; at datum 2.00 ft higher. From Oct. 1, 1978, to Sept. 30, 1996, at current datum. From Oct. 1, 1996, to Sept. 30, 2001; at datum 2.00 ft lower.

REMARKS.--Records fair, except for periods of estimated daily discharge and for Oct. 1-4, 18-Nov. 5, Apr. 8-10, May 3-7, Jul. 21-23, and Aug. 6-8, which are poor. Satellite telemetry and rain gage at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e73	e61	77	65	734	856	1810	89	171	78	231	81
2	e71	e61	70	64	509	6760	320	87	102	93	124	79
3	e70	e60	63	63	175	2430	194	e85	85	95	97	79
4	e70	e60	61	63	120	591	161	e84	78	78	e89	80
5	74	e60	59	181	100	273	142	e82	78	76	e85	84
6	76	61	58	342	131	229	132	e82	76	78	e1500	79
7	70	61	58	204	386	209	127	e81	72	79	e6800	80
8	71	60	58	124	256	189	e6800	80	74	83	e7700	85
9	69	60	57	89	149	187	e5700	79	72	74	867	88
10	68	59	57	78	116	181	e7900	78	98	79	235	80
11	105	59	58	76	99	181	1830	77	81	78	180	83
12	180	59	59	86	88	338	920	77	71	78	215	77
13	1210	59	163	98	81	369	275	77	68	83	453	75
14	4150	59	615	151	77	269	190	77	68	93	377	76
15	1240	59	221	97	74	214	162	75	67	94	460	73
16	255	58	117	81	72	188	145	75	67	80	1020	72
17	137	58	122	79	71	171	133	81	68	121	473	93
18	e105	58	158	78	70	162	125	84	68	95	203	121
19	e90	58	132	131	70	156	119	75	68	85	151	80
20	e80	58	90	673	117	152	114	73	72	82	129	76
21	e75	57	77	386	420	211	109	73	69	e80	119	94
22	e70	57	71	166	183	293	106	72	68	e79	113	81
23	e70	57	70	127	116	205	103	72	67	e100	151	93
24	e68	58	67	109	94	170	100	72	69	174	124	108
25	e67	57	65	184	82	157	98	72	84	149	113	144
26	e65	57	64	230	76	716	97	72	173	123	97	3640
27	e63	57	63	149	71	683	95	82	147	113	93	3100
28	e62	58	71	110	70	593	93	73	123	89	92	1100
29	e62	61	78	93	---	369	91	72	119	88	93	824
30	e61	63	73	84	---	210	90	75	91	121	85	561
31	e61	---	68	81	---	3210	---	380	---	301	82	---
TOTAL	8988	1770	3120	4542	4607	20922	28281	2713	2614	3119	22551	11386
MEAN	289.9	59.00	100.6	146.5	164.5	674.9	942.7	87.52	87.13	100.6	727.5	379.5
MAX	4150	63	615	673	734	6760	7900	380	173	301	7700	3640
MIN	61	57	57	63	70	152	90	72	67	74	82	72
CFSM	1.02	0.21	0.35	0.52	0.58	2.38	3.32	0.31	0.31	0.35	2.56	1.34
IN.	1.18	0.23	0.41	0.59	0.60	2.74	3.70	0.36	0.34	0.41	2.95	1.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2002, BY WATER YEAR (WY)

MEAN	225.3	262.0	538.4	887.2	930.0	815.4	827.8	465.0	310.7	228.1	228.4	212.2
MAX	1753	1230	3042	3690	3419	2435	3531	3261	3134	1139	1243	1460
(WY)	1965	1949	1983	1990	1966	1980	1983	1953	2001	1989	1975	1977
MIN	32.2	45.9	67.2	79.0	67.1	84.4	58.5	53.3	61.8	74.6	53.8	52.0
(WY)	1964	1957	1967	1957	2000	2000	1963	1963	2000	1998	1954	1952

07378000 COMITE RIVER NEAR COMITE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1945 - 2002	
ANNUAL TOTAL	218211		114613			
ANNUAL MEAN	597.8		314.0		492.1	
HIGHEST ANNUAL MEAN					1096	1983
LOWEST ANNUAL MEAN					105	2000
HIGHEST DAILY MEAN	22600	Jun 8	7900	Apr 10	34400	Apr 7 1983
LOWEST DAILY MEAN	55	Jan 6	57	Nov 21	29	Oct 29 1963
ANNUAL SEVEN-DAY MINIMUM	57	Nov 21	57	Nov 21	29	Oct 28 1963
MAXIMUM PEAK FLOW			Unknown		37000	Apr 7 1983
MAXIMUM PEAK STAGE			19.31	Apr 9	30.99	Jun 9 2001
INSTANTANEOUS LOW FLOW			56	Nov 25, 26, 27	28	Aug 1 1977
ANNUAL RUNOFF (CFSM)	2.11		1.11		1.73	
ANNUAL RUNOFF (INCHES)	28.58		15.01		23.54	
10 PERCENT EXCEEDS	762		386		969	
50 PERCENT EXCEEDS	98		85		123	
90 PERCENT EXCEEDS	60		61		59	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	-1.20	-1.39	3.29	1.54	6.15	-1.31	-0.16	-1.31	0.50	-1.39
2	---	---	-1.29	-1.40	2.26	13.59	0.93	-1.33	-0.99	-1.11	-0.66	-1.41
3	---	---	-1.42	-1.41	0.04	7.66	-0.26	---	-1.24	-1.05	-1.02	-1.42
4	---	---	-1.46	-1.42	-0.58	2.45	-0.68	---	-1.34	-1.30	---	-1.39
5	-1.24	---	-1.48	-0.34	-0.85	0.17	-0.93	---	-1.35	-1.34	---	-1.34
6	-1.21	-1.45	-1.50	1.44	-0.47	-0.34	-1.07	---	-1.37	-1.31	---	-1.42
7	-1.29	-1.46	-1.51	0.34	1.68	-0.57	-1.14	---	-1.42	-1.30	14.57	-1.40
8	-1.28	-1.47	-1.51	-0.54	0.78	-0.77	6.43	-1.42	-1.39	-1.23	13.94	-1.32
9	-1.32	-1.47	-1.51	-1.01	-0.24	-0.80	18.11	-1.43	-1.42	-1.38	3.48	-1.28
10	-1.33	-1.48	-1.52	-1.17	-0.63	-0.86	12.10	-1.44	-1.04	-1.29	0.46	-1.40
11	-0.83	-1.48	-1.51	-1.21	-0.87	-0.86	6.53	-1.45	-1.28	-1.30	-0.11	-1.35
12	0.08	-1.49	-1.49	-1.06	-1.02	0.74	4.08	-1.45	-1.43	-1.31	0.26	-1.45
13	3.29	-1.49	-0.38	-0.88	-1.12	1.11	0.76	-1.44	-1.48	-1.23	2.03	-1.49
14	10.52	-1.49	2.87	-0.22	-1.19	0.12	-0.04	-1.45	-1.48	-1.08	1.56	-1.47
15	5.05	-1.49	0.45	-0.89	-1.24	-0.51	-0.36	-1.47	-1.49	-1.07	2.02	-1.51
16	0.71	-1.50	-0.63	-1.12	-1.26	-0.78	-0.56	-1.46	-1.49	-1.28	4.48	-1.52
17	-0.38	-1.50	-0.57	-1.16	-1.28	-0.96	-0.72	-1.38	-1.48	-0.69	2.10	-1.21
18	---	-1.50	-0.14	-1.17	-1.30	-1.06	-0.82	-1.31	-1.48	-1.05	0.13	-0.83
19	---	-1.51	-0.44	-0.56	-1.30	-1.13	-0.91	-1.45	-1.47	-1.19	-0.44	-1.40
20	---	-1.51	-0.99	3.12	-0.66	-1.17	-0.98	-1.48	-1.41	-1.25	-0.72	-1.46
21	---	-1.53	-1.18	1.63	1.92	-0.54	-1.05	-1.48	-1.46	---	-0.85	-1.22
22	---	-1.53	-1.29	-0.05	0.12	0.37	-1.10	-1.49	-1.48	---	-0.93	-1.39
23	---	-1.52	-1.29	-0.49	-0.64	-0.60	-1.14	-1.48	-1.49	---	-0.46	-1.23
24	---	-1.51	-1.35	-0.72	-0.94	-0.97	-1.18	-1.48	-1.45	-0.07	-0.78	-1.00
25	---	-1.52	-1.38	0.14	-1.10	-1.11	-1.20	-1.48	-1.22	-0.36	-0.93	-0.58
26	---	-1.53	-1.40	0.59	-1.21	2.70	-1.22	-1.48	-0.08	-0.68	-1.15	9.17
27	---	-1.52	-1.41	-0.24	-1.28	3.11	-1.24	-1.32	-0.37	-0.81	-1.21	8.87
28	---	-1.51	-1.29	-0.71	-1.30	2.69	-1.26	-1.45	-0.67	-1.14	-1.22	4.79
29	---	-1.45	-1.17	-0.95	---	1.07	-1.28	-1.46	-0.72	-1.16	-1.21	3.84
30	---	-1.42	-1.25	-1.08	---	-0.56	-1.30	-1.41	-1.11	-0.77	-1.31	2.55
31	---	---	-1.33	-1.12	---	6.97	---	1.55	---	1.07	-1.36	---
MAX	---	---	2.87	3.12	3.29	13.59	18.11	---	-0.08	---	---	9.17
MIN	---	---	-1.52	-1.42	-1.30	-1.17	-1.30	---	-1.49	---	---	-1.52

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION.--Lat 30°27'50", long 90°59'25", in sec. 2, T. 7 S., R. 2 E., St. Helena Meridian, East Baton Rouge-Livingston Parish line, Hydrologic Unit 08070202, on downstream side of bridge on U.S. Highway 190, 1,000 ft downstream from Comite River, 2.3 mi southwest of town of Denham Springs, and 15 mi east of Baton Rouge.

DRAINAGE AREA.--1,280 mi^2.

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

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Sept. 1, 1938, to Aug. 8, 1939, nonrecording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station from October 1945 to September 1983.

REMARKS.--Records fair. Since 1957, considerable flow from 46 mi^2 diverted from basin. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

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

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Apr 10	1130	*23,300	*28.68	Sep 29	1530	14,500	26.40

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	399	353	463	409	2170	1440	7860	520	1360	560	1000	363
2	e340	347	471	405	3530	8910	4460	500	845	560	777	346
3	e330	339	376	385	2140	11000	2360	481	620	605	724	354
4	329	331	332	370	1420	7890	1620	468	527	462	543	343
5	347	320	310	817	1080	3280	1260	451	488	426	464	395
6	413	311	296	2130	1090	1730	1060	433	474	710	442	351
7	377	301	286	1730	2140	1350	930	420	454	737	5250	357
8	379	296	281	1150	3010	1120	3630	410	447	632	11100	381
9	384	293	280	816	2210	981	15600	400	460	504	7260	418
10	354	289	275	653	1480	943	22500	391	518	478	2550	388
11	493	286	275	566	1170	901	17800	382	513	468	1190	350
12	889	283	280	656	945	1200	11300	370	484	456	1030	312
13	2240	280	770	703	830	2020	5120	366	439	454	1450	289
14	7010	280	3120	1220	735	2260	2420	375	410	537	1590	284
15	7280	277	2620	1250	669	1730	1810	365	392	1000	2420	276
16	4820	274	1560	884	618	1250	1500	355	382	1030	3220	276
17	2080	271	1200	697	576	1020	1300	367	379	1050	2290	317
18	1240	270	1170	595	544	902	1150	485	374	852	1440	374
19	921	270	1250	808	516	811	1030	364	374	615	1050	318
20	749	268	1010	2310	696	748	944	342	397	510	817	306
21	645	265	766	3450	1770	786	870	332	438	458	684	357
22	575	264	624	2600	2020	1350	806	322	370	434	654	400
23	524	267	560	1710	1360	1240	753	315	365	585	694	342
24	485	284	509	1360	959	1020	709	311	378	873	1020	458
25	450	270	468	1440	764	798	669	313	401	778	970	689
26	420	265	440	2550	654	2940	638	e320	636	732	642	5540
27	400	271	419	2820	577	4820	611	e325	772	771	542	10300
28	382	332	469	1890	532	8300	583	e323	858	616	488	12100
29	371	399	495	1270	---	7950	559	e325	848	555	461	13900
30	362	413	475	1040	---	3670	540	336	655	883	415	11300
31	357	---	437	889	---	5060	---	1460	---	1170	387	---
TOTAL	36345	8969	22287	39573	36205	89420	112392	12927	16058	20501	53564	62184
MEAN	1172	299.0	718.9	1277	1293	2885	3746	417.0	535.3	661.3	1728	2073
MAX	7280	413	3120	3450	3530	11000	22500	1460	1360	1170	11100	13900
MIN	329	264	275	370	516	748	540	311	365	426	387	276
CFSM	0.92	0.23	0.56	1.00	1.01	2.25	2.93	0.33	0.42	0.52	1.35	1.62
IN.	1.06	0.26	0.65	1.15	1.05	2.60	3.27	0.38	0.47	0.60	1.56	1.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2002, BY WATER YEAR (WY)

MEAN	891.8	1160	2282	3368	3828	3656	3421	2087	1405	1161	1077	1031
MAX	5821	4733	9423	14540	11810	9131	13150	13590	10600	5309	4919	5637
(WY)	1965	1958	1983	1990	1966	1973	1980	1953	2001	1940	1983	1977
MIN	243	299	420	515	429	565	512	319	385	414	367	320
(WY)	2001	2002	1967	1957	2000	2000	1963	2001	2000	2000	2000	2000

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1914 - 2002	
ANNUAL TOTAL	917932		510425			
ANNUAL MEAN	2515		1398		2106	
HIGHEST ANNUAL MEAN					4433	1983
LOWEST ANNUAL MEAN					599	2000
HIGHEST DAILY MEAN	76400	Jun 9	22500	Apr 10	105000	Apr 8 1983
LOWEST DAILY MEAN	264	Nov 22	264	Nov 22	230	Oct 26 2000
ANNUAL SEVEN-DAY MINIMUM	268	Nov 17	268	Nov 17	230	Oct 26 2000
MAXIMUM PEAK FLOW			23300	Apr 10	112000	Apr 8 1983
MAXIMUM PEAK STAGE			28.68	Apr 10	41.50	Apr 8 1983
INSTANTANEOUS LOW FLOW			263	Nov 21,22	229	Oct 29 2000
ANNUAL RUNOFF (CFSM)	1.96		1.09		1.65	
ANNUAL RUNOFF (INCHES)	26.68		14.83		22.35	
10 PERCENT EXCEEDS	4830		2610		4540	
50 PERCENT EXCEEDS	744		583		848	
90 PERCENT EXCEEDS	284		312		422	

e Estimated

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.43	10.26	10.64	10.47	14.54	12.70	22.74	10.82	12.88	10.62	12.04	10.30
2	---	10.24	10.68	10.46	17.17	23.49	18.58	10.76	11.58	10.62	11.32	10.23
3	---	10.21	10.35	10.38	14.52	24.85	14.96	10.71	10.86	10.77	11.13	10.27
4	10.17	10.18	10.18	10.32	13.00	22.63	13.44	10.67	10.54	10.27	10.48	10.22
5	10.24	10.14	10.10	11.42	12.24	16.72	12.65	10.62	10.41	10.14	10.18	10.42
6	10.49	10.11	10.05	14.50	12.26	13.67	12.18	10.56	10.36	11.11	10.10	10.25
7	10.35	10.07	10.01	13.68	14.49	12.85	11.88	10.51	10.29	11.21	18.86	10.28
8	10.36	10.05	9.99	12.39	16.22	12.33	16.27	10.47	10.27	10.86	24.93	10.36
9	10.38	10.04	9.98	11.59	14.66	12.00	26.59	10.44	10.31	10.41	21.96	10.51
10	10.26	10.02	9.95	11.17	13.14	11.91	28.50	10.40	10.51	10.31	15.27	10.39
11	10.72	10.01	9.95	10.94	12.45	11.81	27.34	10.37	10.50	10.27	12.49	10.25
12	11.77	10.0	9.98	11.18	11.91	12.49	24.91	10.33	10.39	10.23	12.12	10.11
13	14.45	9.98	11.31	11.31	11.63	14.28	19.45	10.31	10.24	10.22	13.07	10.02
14	21.94	9.98	16.42	12.56	11.39	14.77	15.07	10.34	10.13	10.51	13.38	10.00
15	22.24	9.96	15.46	12.62	11.22	13.67	13.84	10.31	10.06	12.02	15.09	9.96
16	19.11	9.94	13.30	11.76	11.08	12.63	13.19	10.27	10.02	12.11	16.61	9.95
17	14.38	9.93	12.50	11.29	10.97	12.10	12.73	10.31	10.01	12.16	14.82	10.13
18	12.60	9.92	12.44	11.02	10.88	11.81	12.39	10.71	9.98	11.58	13.05	10.34
19	11.85	9.92	12.63	11.54	10.81	11.58	12.12	10.30	9.98	10.78	12.15	10.13
20	11.43	9.91	12.07	14.82	11.28	11.42	11.91	10.22	10.07	10.40	11.60	10.08
21	11.15	9.89	11.47	17.03	13.73	11.52	11.73	10.18	10.21	10.21	11.26	10.28
22	10.97	9.88	11.10	15.42	14.28	12.85	11.57	10.15	9.95	10.11	11.18	10.42
23	10.83	9.91	10.93	13.63	12.87	12.60	11.44	10.12	9.94	10.65	11.28	10.22
24	10.72	9.99	10.79	12.87	11.95	12.10	11.32	10.10	9.99	11.65	12.08	10.63
25	10.62	9.92	10.67	13.05	11.46	11.55	11.22	10.11	10.06	11.33	11.97	11.22
26	10.51	9.89	10.59	15.32	11.18	15.89	11.14	---	10.88	11.17	11.14	19.78
27	10.44	9.93	10.51	15.86	10.97	19.11	11.06	---	11.34	11.31	10.88	24.43
28	10.37	10.18	10.66	14.01	10.85	23.15	10.99	---	11.60	10.76	10.73	25.41
29	10.33	10.43	10.75	12.67	---	22.80	10.92	---	11.56	10.54	10.65	26.19
30	10.30	10.49	10.69	12.13	---	17.25	10.87	10.20	10.95	11.46	10.49	24.91
31	10.28	---	10.58	11.78	---	18.82	---	13.02	---	12.45	10.39	---
MAX	---	10.49	16.42	17.03	17.17	24.85	28.50	---	12.88	12.45	24.93	26.19
MIN	---	9.88	9.95	10.32	10.81	11.42	10.87	---	9.94	10.11	10.10	9.95

07378745 ALLIGATOR BAYOU NEAR KLEINPETER, LA

LOCATION.--Lat 30°19'15", long 91°01'12", in sec. 28, T. 8 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, about 2.0 miles southwest of Prairieville Post Office on south side of Alligator Bayou Road and approximately 0.4 mile south of Interstate 10.

DRAINAGE AREA.--49.27 mi^2.

PERIOD OF RECORD.--November 1999 to September 2000.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Gage is affected by lock on Alligator Bayou.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.14 ft, June 15, 2001, obtained from comparison with Bluff Swamp Lock nr Kleinpeter; minimum, 3.02 ft, May 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.00 ft, Apr. 14; minimum gage height, 3.02 ft, May 2.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.08	4.99	---	5.22	4.75	6.26	4.62	5.10	5.38	4.74	5.08
2	---	5.07	4.99	---	5.02	5.65	6.16	4.34	5.10	5.38	5.35	5.07
3	---	5.06	4.98	---	5.51	6.14	5.90	5.12	5.09	5.37	5.45	5.09
4	4.99	5.05	---	---	5.47	6.27	5.55	5.16	5.09	5.35	5.47	5.10
5	4.98	---	---	---	5.58	6.22	5.13	5.16	5.08	5.38	4.83	5.12
6	4.99	5.04	---	---	5.28	5.89	4.57	5.16	5.12	5.40	4.81	5.12
7	4.99	5.03	---	---	4.59	5.57	4.25	5.15	5.12	5.38	5.11	5.15
8	4.97	---	---	5.58	4.76	5.19	5.55	5.04	5.14	5.37	5.16	5.21
9	4.96	---	---	5.65	5.43	4.72	6.48	5.07	5.16	5.38	5.18	5.26
10	4.97	---	---	5.68	5.52	4.59	6.83	5.06	5.16	5.38	5.18	5.27
11	5.04	---	4.95	4.99	5.57	5.47	6.90	5.05	5.16	5.40	5.17	5.26
12	5.12	4.99	4.96	4.87	5.39	5.62	6.96	5.04	5.16	5.43	5.17	5.24
13	---	---	5.03	5.57	4.55	5.47	6.98	5.05	5.15	5.52	5.18	5.22
14	---	---	5.15	5.67	5.01	4.51	6.88	5.04	5.14	5.55	5.17	5.21
15	---	---	5.16	5.70	5.25	4.61	6.67	5.02	5.13	4.93	5.19	5.20
16	---	---	5.18	5.11	5.31	4.73	6.47	5.02	5.12	5.33	4.79	5.19
17	---	4.94	5.24	4.76	5.27	5.12	6.26	5.06	5.11	5.39	5.15	5.29
18	---	4.94	5.26	5.41	5.06	5.19	6.03	5.10	5.11	5.38	5.21	5.33
19	---	4.93	5.25	5.49	5.02	5.23	5.80	5.09	5.11	5.36	5.21	5.33
20	---	4.92	5.25	5.54	5.21	5.29	5.55	5.08	5.20	5.34	5.12	4.56
21	---	4.91	---	5.57	5.27	5.33	5.25	5.07	5.23	5.14	5.21	4.96
22	---	4.90	---	5.59	5.30	5.34	4.89	5.05	5.22	4.62	5.20	4.79
23	---	4.92	---	5.63	5.32	5.37	4.47	5.04	5.22	5.18	5.26	5.36
24	---	4.95	---	5.07	5.25	5.38	4.56	5.03	5.22	5.29	5.34	4.22
25	---	4.96	---	4.51	5.02	5.39	5.35	5.03	5.22	5.36	5.33	4.81
26	---	4.96	---	5.28	4.81	5.66	5.47	5.02	5.24	5.46	5.32	6.13
27	---	4.96	---	5.40	4.54	5.92	5.52	5.01	5.28	5.12	5.30	6.80
28	---	4.96	---	5.05	4.36	6.00	5.53	5.00	5.34	5.08	4.55	6.97
29	---	5.00	---	4.86	---	6.04	5.53	5.00	5.40	5.42	5.02	6.96
30	---	5.00	---	5.22	---	6.06	5.53	5.00	5.38	5.56	5.05	6.85
31	---	---	---	5.29	---	6.14	---	5.04	---	4.98	5.07	---
MAX	---	---	---	---	5.58	6.27	6.98	5.16	5.40	5.56	5.47	6.97
MIN	---	---	---	---	4.36	4.51	4.25	4.34	5.08	4.62	4.55	4.22

07378746 BAYOU MANCHAC AT ALLIGATOR BAYOU NEAR KLEINPETER, LA
(formerly 07380090 Alligator Bayou near Prairieville, La.)

LOCATION.--Lat 30°19'16", long 91°01'15", in sec. 28, T. 8 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, about 2.0 miles southwest of Prairieville Post Office on north side of Alligator Bayou Road and approximately 0.4 mile south of Interstate 10.

DRAINAGE AREA.--51.72 mi^2.

PERIOD OF RECORD.--December 1997 to current year.

REVISIONS.--Daily values, maximum and minimum values reported for water year 1998 have been revised.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Gage is tide affected and affected by lock on Alligator Bayou. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 15.62 ft, June 10, 2001 (from highwater mark); minimum, 0.16 ft, July 5, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.83 ft, Apr. 8, 9; minimum elevation, 0.16 ft, July 5.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.27	1.25	---	3.86	2.22	6.24	2.55	1.68	1.47	2.51	1.72
2	---	1.43	1.10	---	3.44	7.34	5.93	1.75	1.18	1.61	1.60	1.93
3	---	1.52	0.94	---	1.54	6.83	5.44	0.82	0.96	0.97	1.18	1.96
4	1.23	1.48	---	---	1.61	6.32	4.97	0.75	0.98	0.51	1.33	2.02
5	1.26	---	---	---	1.19	5.58	4.53	0.68	1.22	0.45	2.76	1.98
6	1.44	1.35	---	---	3.08	5.27	4.08	0.88	1.53	0.60	2.47	1.80
7	1.43	1.21	---	3.25	3.71	4.88	3.16	1.07	1.36	0.91	1.85	2.26
8	1.57	---	---	1.85	2.44	4.52	4.62	1.37	1.24	2.37	2.64	2.87
9	1.52	---	---	1.01	1.37	4.17	8.42	1.08	1.40	2.07	3.35	2.88
10	2.36	---	---	0.74	1.08	3.25	8.06	1.01	1.84	1.73	2.88	2.49
11	3.03	---	0.81	3.58	0.74	1.69	8.00	1.24	1.84	1.66	2.33	2.05
12	3.74	0.95	1.10	2.11	1.33	2.05	7.70	1.40	1.73	2.26	2.27	1.71
13	---	---	2.12	1.81	2.61	2.46	6.95	1.20	1.47	1.64	1.98	1.74
14	---	---	4.20	1.46	1.21	3.43	6.28	0.77	1.05	1.65	1.63	2.11
15	---	---	2.62	1.17	0.61	2.42	5.94	1.27	0.81	2.86	1.84	2.05
16	---	---	1.74	3.17	0.51	1.56	5.59	1.49	0.87	0.98	3.73	1.66
17	---	1.06	1.91	1.11	0.84	0.95	5.33	1.45	1.09	0.74	2.05	2.10
18	---	0.79	1.11	0.53	1.35	1.20	5.11	1.36	1.46	0.58	1.61	1.57
19	---	0.72	0.77	0.68	1.38	1.36	4.99	0.81	1.56	0.51	1.44	1.35
20	---	0.63	0.51	1.25	1.51	1.49	4.88	1.21	1.59	0.48	1.70	2.56
21	---	0.63	---	1.41	1.39	1.35	4.70	1.15	1.71	1.08	---	1.72
22	---	1.07	---	1.32	1.32	0.97	4.47	1.23	1.53	1.53	---	3.07
23	---	1.34	---	0.89	0.89	0.93	4.20	1.22	1.54	0.89	---	2.55
24	---	1.41	---	2.71	1.14	1.03	3.43	1.32	1.55	0.98	---	3.92
25	---	1.22	---	3.20	1.48	1.19	2.23	1.34	1.56	0.93	---	4.33
26	---	1.16	---	1.34	1.36	6.03	2.00	1.34	1.86	1.71	0.99	8.16
27	---	1.20	---	1.31	1.13	6.89	2.00	1.32	1.79	2.89	0.97	7.87
28	---	1.50	---	2.23	0.71	6.28	1.85	1.21	1.82	2.23	1.99	7.37
29	---	1.76	---	1.82	---	5.42	1.46	1.33	2.66	0.97	0.97	6.85
30	---	1.37	---	1.21	---	4.27	1.19	1.63	1.56	0.89	1.15	6.67
31	---	---	---	1.20	---	4.90	---	1.84	---	2.55	1.46	---
MAX	---	---	---	---	3.86	7.34	8.42	2.55	2.66	2.89	---	8.16
MIN	---	---	---	---	0.51	0.93	1.19	0.68	0.81	0.45	---	1.35

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA

LOCATION.--Lat 30°22'56", long 91°05'39", in sec. 58, T. 8 S., R. 1 E., East Baton Rouge Parish, Hydrologic Unit 08070202, on upstream side of bridge on Bluebonnet Blvd., 0.25 miles north of Perkins Road nr Baton Rouge.

DRAINAGE AREA.--Not determined.

WATER-STAGE RECORDS

PERIOD OF RECORD.--1995-2001 (crest stage), October 2001 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.79 ft, June 7, 2001; minimum, 3.95 ft, May 21, 22, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.07 ft, Mar. 26; minimum, 3.95 ft, May 21, 22.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.36	4.33	4.39	4.42	7.13	8.01	9.03	4.21	4.89	5.86	8.20	4.57
2	4.36	4.33	4.33	4.83	5.04	11.98	6.24	4.25	4.37	6.14	5.92	4.70
3	4.35	4.33	4.30	4.53	4.66	8.17	5.20	4.19	4.41	5.82	5.23	4.69
4	4.35	4.40	4.29	4.38	4.56	6.05	4.92	4.14	4.37	5.18	5.04	5.06
5	4.66	4.35	4.28	6.88	4.62	5.17	4.82	4.15	5.06	5.34	4.88	5.58
6	5.27	4.34	4.28	6.89	5.25	4.82	4.69	4.14	6.41	5.62	4.80	5.02
7	4.64	4.34	4.28	5.02	4.90	4.67	4.63	4.10	4.77	6.41	4.76	5.24
8	4.37	4.33	4.30	4.72	4.59	4.56	11.57	4.15	5.24	8.83	5.82	6.75
9	4.36	4.33	4.32	4.57	4.50	4.98	12.83	4.19	4.57	7.73	7.07	5.99
10	4.58	4.33	4.29	4.53	4.44	5.10	9.57	4.18	4.56	6.96	5.52	5.16
11	5.70	4.33	4.28	4.49	4.39	4.57	8.13	4.12	4.31	6.81	5.05	4.95
12	5.75	4.32	4.27	6.06	4.37	6.19	7.75	4.07	4.24	6.65	5.01	4.88
13	8.66	4.43	7.76	5.32	4.33	4.94	6.63	4.46	4.15	5.79	4.95	4.80
14	9.91	4.36	9.03	4.73	4.31	4.62	5.48	4.67	4.15	6.76	4.94	4.74
15	6.60	4.36	5.75	4.54	4.28	4.57	4.96	4.19	4.16	6.14	6.36	4.70
16	5.20	4.37	4.91	4.48	4.27	4.51	4.72	4.04	4.19	5.25	7.31	5.32
17	4.84	4.34	5.76	4.43	4.28	4.46	4.60	5.00	4.33	5.06	5.49	7.13
18	4.64	4.33	5.03	4.39	4.25	4.46	4.56	5.78	4.44	4.94	5.05	5.50
19	4.55	4.34	4.68	5.96	4.24	4.46	4.50	4.36	4.39	4.87	4.95	5.04
20	4.49	4.33	4.57	5.48	5.47	4.52	4.45	4.05	5.40	4.83	6.22	5.28
21	4.43	4.33	4.56	4.75	4.63	4.60	4.40	3.97	6.02	4.84	7.96	5.56
22	4.38	4.34	4.54	4.61	4.36	4.51	4.32	4.00	4.68	5.05	7.16	5.12
23	4.39	4.41	4.67	4.54	4.33	4.44	4.28	4.05	4.51	5.71	7.24	4.95
24	4.35	4.47	4.56	4.80	4.35	4.45	4.28	4.08	4.43	5.30	5.68	5.00
25	4.35	4.36	4.55	5.02	4.25	4.35	4.22	4.09	5.36	6.56	5.23	8.52
26	4.35	4.33	4.47	4.62	4.23	13.10	4.29	4.09	7.35	5.46	5.07	13.3
27	4.35	4.32	4.38	4.48	4.24	10.43	4.19	4.07	6.33	5.01	4.98	10.09
28	4.35	4.35	5.37	4.43	4.23	7.62	4.19	4.06	7.08	4.84	4.91	8.14
29	4.35	5.17	4.82	4.40	---	5.56	4.13	4.06	7.80	4.81	4.80	6.85
30	4.34	4.92	4.47	4.49	---	5.07	4.15	5.42	5.59	5.11	4.65	6.53
31	4.34	---	4.38	4.72	---	10.17	---	5.77	---	6.48	4.55	---
MAX	9.91	5.17	9.03	6.89	7.13	13.10	12.83	5.78	7.80	8.83	8.20	13.30
MIN	4.34	4.32	4.27	4.38	4.23	4.35	4.13	3.97	4.15	4.81	4.55	4.57

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA

PERIOD OF RECORD.--Water years 1998 to current year.

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

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 891 microsiemens/cm, Nov. 17, 1999; minimum, 50 microsiemens/cm, Aug. 8, 2001.
WATER TEMPERATURE: Maximum, 36.8°C, July 10, 2001; minimum, 2.7°C, Jan. 10, 2001.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	489	466	477	445	405	423	375	364	371	274	238	264
2	519	483	496	517	421	454	373	270	361	261	222	236
3	509	488	495	722	517	622	383	306	358	331	241	298
4	512	484	495	777	549	691	402	367	384	335	325	329
5	532	248	431	781	645	751	387	379	383	328	114	242
6	532	308	428	797	712	768	395	346	369	186	110	144
7	308	270	288	712	650	675	358	328	350	242	186	218
8	320	282	292	650	589	614	332	303	319	268	242	256
9	326	296	306	589	552	569	471	321	377	---	---	---
10	331	184	279	567	549	559	604	471	543	---	---	---
11	336	196	280	549	536	541	613	445	584	390	290	335
12	290	192	220	536	507	517	597	583	588	424	165	281
13	220	107	174	615	480	555	594	95	299	210	147	178
14	135	109	121	538	383	456	166	96	124	253	210	233
15	208	135	170	557	475	491	233	166	198	247	241	244
16	223	208	214	761	557	703	266	233	251	295	247	266
17	238	219	224	698	593	637	273	89	227	286	273	280
18	241	227	234	594	485	552	285	239	257	314	285	300
19	272	237	258	559	397	486	251	235	242	314	164	248
20	291	269	280	544	524	540	256	238	244	198	140	167
21	309	290	297	544	516	534	271	247	259	225	198	215
22	346	300	318	516	381	468	299	258	271	245	221	233
23	347	323	333	469	378	435	491	297	402	284	244	269
24	551	344	427	481	360	424	477	373	395	314	162	267
25	555	434	484	480	401	446	490	421	453	351	241	302
26	492	417	455	472	432	459	567	408	500	358	330	344
27	468	397	417	472	453	464	542	448	511	330	292	310
28	428	365	386	463	383	440	488	197	338	307	295	301
29	413	373	392	459	221	375	288	249	263	328	300	314
30	405	375	394	368	329	349	253	247	249	333	303	316
31	443	401	423	---	---	---	264	245	254	366	144	337
MONTH	555	107	338	797	221	533	613	89	346	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	264	102	174	385	94	236	154	105	133	535	512	522
2	240	176	212	127	73	94	215	154	189	592	511	541
3	270	239	250	169	107	132	228	198	218	740	592	691
4	279	267	274	222	169	200	236	224	228	766	701	725
5	289	216	273	229	221	224	267	229	247	769	696	718
6	339	230	293	255	228	245	285	255	276	701	653	672
7	327	241	283	317	246	266	302	283	292	671	587	631
8	266	242	254	299	272	288	343	73	180	595	576	587
9	291	266	280	350	287	304	108	79	94	659	584	609
10	300	286	294	417	267	316	149	104	123	823	659	743
11	314	295	302	298	273	280	220	149	187	837	791	812
12	346	310	324	291	136	191	363	208	252	843	727	805
13	349	336	345	293	203	260	244	207	218	734	534	681
14	372	347	359	321	291	299	241	205	215	607	580	598
15	389	368	374	314	291	301	242	217	226	690	540	571
16	405	366	388	310	291	299	264	234	249	545	522	530
17	432	383	412	317	298	306	295	261	280	528	244	434
18	433	421	425	328	309	318	328	294	310	337	218	257
19	448	415	432	354	325	340	387	322	346	303	263	285
20	502	184	356	380	345	363	516	387	443	337	297	318
21	316	279	291	412	340	376	516	453	485	348	331	338
22	323	304	316	506	412	452	719	486	580	385	332	348
23	346	295	309	502	451	478	625	497	535	369	347	355
24	330	308	315	484	400	453	497	433	454	392	353	370
25	355	316	323	490	457	470	478	432	459	384	341	358
26	334	307	316	491	71	168	509	454	485	344	303	328
27	324	308	315	127	91	110	492	449	463	322	303	311
28	326	307	315	190	127	154	477	395	452	341	299	319
29	---	---	---	231	190	214	518	469	489	361	310	331
30	---	---	---	240	228	233	527	502	515	359	165	307
31	---	---	---	259	90	164	---	---	---	249	186	218
MONTH	502	102	314	506	71	275	719	73	321	843	165	494

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	253	211	236	308	114	223	188	133	160	311	280	299
2	266	196	241	308	162	219	232	188	213	315	234	291
3	321	266	293	287	168	246	245	231	236	322	295	307
4	341	304	322	281	264	274	256	230	240	356	205	297
5	345	201	311	273	214	254	256	241	249	400	269	362
6	255	156	200	271	227	238	257	218	244	400	345	376
7	295	253	279	263	119	231	291	255	271	345	190	298
8	311	251	274	184	147	168	311	176	264	275	192	236
9	349	291	336	209	148	184	231	172	186	207	192	200
10	340	292	310	190	148	169	209	195	204	230	206	222
11	329	304	319	226	133	202	216	204	210	237	226	233
12	347	324	338	247	178	220	240	191	206	---	---	---
13	354	338	346	252	224	233	266	193	219	---	---	---
14	354	326	345	249	187	227	253	227	243	---	---	---
15	343	331	337	224	201	210	284	169	246	---	---	---
16	353	337	347	234	223	227	233	160	203	---	---	---
17	353	332	345	240	225	234	239	196	232	---	---	---
18	343	324	335	246	230	240	259	239	248	---	---	---
19	358	242	335	257	230	244	251	231	242	---	---	---
20	517	326	420	251	230	241	244	117	208	---	---	---
21	326	195	218	288	243	264	177	148	165	---	---	---
22	255	231	244	323	254	280	210	104	170	---	---	---
23	291	255	265	324	274	296	170	126	147	---	---	---
24	322	271	298	386	240	350	213	170	191	---	---	---
25	308	243	285	279	125	223	210	195	201	---	---	---
26	281	173	206	226	209	220	216	197	205	---	---	---
27	220	178	198	245	214	232	222	202	215	---	---	---
28	248	162	219	245	195	227	239	215	226	---	---	---
29	204	157	176	227	201	218	256	228	240	---	---	---
30	231	204	221	250	221	233	311	236	267	---	---	---
31	---	---	---	297	136	235	306	274	281	---	---	---
MONTH	517	156	287	386	114	234	311	104	220	---	---	---

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.6	19.8	23.1	22.4	16.8	19.6	17.4	13.4	15.5	8.3	6.6	7.6
2	26.3	19.5	22.9	23.9	19.5	21.5	20.9	15.2	17.2	7.7	6.1	6.7
3	26.6	20.3	23.4	23.3	19.6	21.4	22.6	15.3	17.7	7.3	4.4	5.7
4	25.9	20.9	23.6	23.9	19.4	21.7	19.1	15.4	17.3	7.4	3.1	5.3
5	26.7	22.1	24.1	20.9	16.7	18.8	20.8	18.0	19.1	10.6	5.0	7.3
6	23.9	21.0	22.6	21.0	15.6	18.1	24.8	18.8	20.6	10.5	9.5	10.0
7	23.7	18.7	21.0	20.5	15.2	17.8	20.6	18.0	19.3	11.8	8.1	9.3
8	24.7	17.8	21.4	21.0	16.0	18.3	21.5	18.8	19.8	12.7	6.4	9.1
9	25.4	20.5	23.1	20.8	15.8	18.2	22.5	16.1	17.8	---	---	---
10	25.8	22.6	23.9	20.8	16.1	18.4	17.6	14.6	16.0	---	---	---
11	25.8	23.0	24.0	20.8	16.9	18.8	21.0	13.0	14.5	15.6	12.5	14.0
12	26.6	24.0	25.0	21.2	16.4	18.7	19.2	14.3	16.8	14.8	13.2	13.9
13	24.7	20.1	22.4	25.3	16.6	21.2	21.6	18.4	19.2	13.7	11.4	12.5
14	20.6	19.4	20.0	25.3	18.3	20.8	19.7	17.7	18.7	15.3	12.0	13.3
15	22.5	19.6	20.7	20.6	16.4	18.5	18.3	16.6	17.4	13.7	10.3	11.9
16	22.4	18.6	20.6	19.9	15.6	17.7	20.7	17.8	19.2	13.2	8.9	11.1
17	20.4	16.4	18.5	19.2	14.3	16.7	20.6	18.6	20.0	15.2	10.5	12.8
18	19.8	14.9	17.4	19.7	14.7	16.4	18.6	16.0	17.4	16.5	13.9	15.0
19	21.2	15.3	18.2	24.4	14.9	18.9	16.5	14.1	15.3	17.6	15.2	16.4
20	22.9	16.8	19.6	18.4	15.0	16.7	15.0	12.4	13.6	15.2	12.7	13.4
21	23.3	18.6	21.0	16.2	11.8	14.0	17.7	10.8	13.4	15.6	12.6	13.8
22	25.0	21.3	23.0	23.6	12.8	16.7	16.2	12.0	14.4	15.7	13.4	14.4
23	26.1	22.1	23.8	23.5	16.2	20.4	18.2	14.5	16.3	20.8	15.6	18.6
24	27.5	23.4	25.2	23.4	19.6	21.3	15.4	11.5	13.0	21.7	18.7	19.9
25	25.7	21.0	23.7	20.7	16.9	19.0	16.9	9.6	13.5	19.1	15.6	17.4
26	21.9	17.6	19.7	23.3	18.1	20.3	17.2	7.6	11.4	16.5	13.1	15.0
27	19.9	15.2	17.5	24.5	21.0	22.6	15.5	6.4	9.3	16.6	12.7	14.6
28	20.0	13.3	16.0	26.5	22.4	23.9	11.7	8.3	10.1	18.9	15.8	17.3
29	18.6	12.2	15.3	23.2	17.1	20.2	13.4	10.4	11.7	21.5	18.2	19.6
30	19.0	13.2	16.1	17.4	15.3	16.3	12.1	9.2	10.6	22.6	19.9	20.9
31	20.9	14.4	17.5	---	---	---	10.1	8.2	8.9	24.3	18.3	21.8
MONTH	27.5	12.2	21.1	26.5	11.8	19.1	24.8	6.4	15.6	---	---	---

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.0	15.0	17.0	19.5	11.0	12.8	20.4	19.2	19.7	32.3	25.8	28.8
2	15.7	12.7	14.3	13.1	11.4	12.2	23.0	19.4	21.0	34.2	26.4	29.8
3	15.0	13.4	14.1	12.9	8.9	10.8	25.2	20.2	22.4	32.4	27.4	29.9
4	14.5	13.0	13.8	11.8	7.7	9.4	21.8	18.4	20.0	34.1	27.1	30.2
5	13.4	9.8	11.7	12.8	7.2	10	22.6	16.7	20.0	34.0	27.8	30.7
6	11.3	9.8	10.4	15.3	10.2	12.9	20.1	16.3	18.2	32.8	27.5	30.1
7	10.8	8.9	9.7	22.4	12.2	15.6	22.5	15.7	19.1	34.8	26.5	30.1
8	13.3	8.6	10.7	19.8	14.7	17.1	22.4	16.5	18.6	33.5	26.9	29.8
9	14.7	8.8	11.7	21.6	17.4	19.0	18.2	16.5	17.2	34.2	27.1	30.3
10	16.4	12.4	14.2	18.9	15.7	17.3	20.4	17.8	19.1	33.0	26.8	29.7
11	14.8	11.2	12.8	18.6	14.0	16.5	22.4	20.4	21.2	34.1	26.8	30.0
12	15.2	9.7	12.7	18.1	16.6	17.1	23.7	21.0	22.2	32.8	26.9	29.6
13	16.7	12.6	14.4	20.1	15.3	17.4	25.2	21.0	22.8	29.1	24.5	27.2
14	16.8	11.3	13.9	20.6	15.8	18.0	25.9	21.4	23.6	29.2	21.8	25.1
15	16.8	11.8	13.9	23.7	18.2	21.3	27.5	21.8	24.5	30.5	22.0	25.8
16	18.6	13.1	15.7	26.6	20.9	23.5	27.6	23.1	25.2	31.2	23.3	27.1
17	17.9	12.0	15.1	26.2	22.4	24.0	29.9	23.8	26.3	30.3	25.4	27.0
18	19.2	12.3	15.6	25.8	22.0	23.6	29.1	24.0	26.3	25.4	22.0	24.1
19	20.1	14.9	17.0	27.7	21.9	24.5	30.4	24.4	27.0	27.8	19.4	23.0
20	19.2	16.7	17.9	25.5	23.1	24.5	31.1	24.8	27.6	28.7	19.2	23.6
21	20.5	15.0	17.6	23.4	19.5	21.6	31.7	24.8	27.8	30.3	20.6	24.9
22	17.6	13.4	15.5	21.5	15.6	18.4	28.0	24.9	26.4	30.6	20.7	25.2
23	17.8	11.2	14.1	21.5	14.1	17.7	28.8	22.8	25.5	30.5	21.7	25.7
24	20.3	11.6	16.7	22.1	15.6	19.7	31.6	24.1	27.4	30.0	23.1	26.5
25	19.0	12.9	15.9	23.1	17.4	20.2	28.6	24.7	26.6	31.5	24.8	27.9
26	18.4	12.3	15.7	21.4	18.5	19.8	29.6	22.8	26.1	32.1	25.2	28.4
27	14.2	7.7	10.9	18.8	17.0	18.0	31.4	24.1	27.5	33.6	25.4	29.1
28	14.5	7.0	10.6	19.6	17.0	18.3	33.2	25.5	29.0	30.5	25.7	28.3
29	---	---	---	21.4	19.2	20.2	33.8	26.3	29.6	32.9	25.6	28.9
30	---	---	---	23.2	20.3	21.5	32.4	26.6	29.1	29.2	24.8	27.1
31	---	---	---	22.5	19.6	20.8	---	---	---	29.1	23.8	26.1
MONTH	20.5	7.0	14.1	27.7	7.2	18.2	33.8	15.7	23.9	34.8	19.2	27.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.5	25.0	28.1	29.5	26.4	27.9	29.0	26.8	27.7	32.2	27.9	30.0
2	34.5	26.4	29.8	29.2	26.9	28.1	31.5	27.1	28.9	30.3	27.7	29.2
3	32.5	28.9	30.6	30.4	26.9	28.5	32.1	26.9	29.4	29.7	27.0	28.3
4	33.0	29.5	31.1	32.5	27.9	30.0	33.2	27.5	30.1	29.2	27.1	28.0
5	31.8	27.8	30.3	30.8	29.0	29.8	30.4	27.5	28.6	29.1	26.7	27.9
6	30.5	26.5	28.2	32.2	27.8	29.9	28.2	26.8	27.4	28.6	26.8	27.6
7	31.8	26.9	29.1	33.2	26.8	29.9	33.7	26.1	29.4	27.1	26.1	26.5
8	31.1	27.3	29.1	28.2	25.9	27.0	32.2	28.3	29.9	26.7	25.8	26.3
9	33.2	26.9	29.6	28.8	27.4	28.1	30.3	27.5	28.7	29.0	25.5	27.0
10	32.1	27.9	29.8	30.4	27.5	28.7	31.6	26.6	28.8	30.3	26.2	28.1
11	33.9	27.1	30.1	31.0	27.4	28.5	30.1	26.8	28.3	31.6	26.7	29.0
12	35.1	27.6	30.9	32.1	27.4	29.4	30.2	26.4	28.2	---	---	---
13	34.3	28.1	31.0	29.9	27.9	29.0	31.1	26.5	28.6	---	---	---
14	35.5	28.2	31.3	28.6	26.2	27.5	29.1	26.8	27.6	---	---	---
15	34.5	26.7	30.1	29.3	26.7	27.9	28.4	25.7	26.8	---	---	---
16	29.5	26.6	28.0	31.5	26.4	28.7	28.0	25.1	26.5	---	---	---
17	29.8	24.9	27.0	33.8	27.3	30.3	31.5	26.0	28.4	---	---	---
18	32.0	25.7	28.4	35.1	28.4	31.5	32.0	27.3	29.5	---	---	---
19	31.0	26.4	28.5	35.2	29.4	32.1	31.4	27.7	29.4	---	---	---
20	28.9	26.4	27.7	36.2	29.7	32.6	32.2	27.0	28.8	---	---	---
21	30.7	26.4	28.3	36.1	29.9	32.6	28.6	26.7	27.6	---	---	---
22	30.2	26.1	28.2	35.0	29.1	31.3	28.8	26.4	27.5	---	---	---
23	28.1	25.7	27.0	31.6	28.5	30.1	28.0	26.2	27.1	---	---	---
24	29.6	24.6	27.5	31.8	28.1	29.7	31.3	26.4	28.5	---	---	---
25	30.8	25.7	27.4	30.3	28.0	28.9	31.8	27.4	29.6	---	---	---
26	26.4	25.4	26.0	31.0	27.0	28.7	30.7	27.8	29.4	---	---	---
27	25.9	25.0	25.5	33.0	26.6	29.6	31.8	26.9	29.2	---	---	---
28	27.3	24.8	25.6	34.1	28.5	31.0	32.1	26.8	29.3	---	---	---
29	27.6	24.5	25.9	31.6	28.7	30.1	31.8	26.9	29.3	---	---	---
30	31.0	26.2	28.1	30.8	27.5	28.6	32.6	27.0	29.7	---	---	---
31	---	---	---	30.6	27.0	28.5	32.2	27.8	30.0	---	---	---
MONTH	35.5	24.5	28.6	36.2	25.9	29.5	33.7	25.1	28.7	---	---	---

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT													
22...	1000	312	7.3	21.5	3.2	--	99	11.8	30.5	.40	1.3	.126	.47
DEC													
10...	1045	582	7.7	15.9	5.6	--	64	97.7	7.7	.17	.79	.040	.25
FEB													
11...	0900	305	7.3	11.0	7.4	--	48	14.3	29.5	.24	1.1	.046	.44
MAR													
25...	1015	467	7.8	--	7.4	72	149	31.6	32.9	.11	.97	.022	.08
APR													
16...	0930	231	7.4	23.3	2.8	--	77	9.75	18.5	.23	1.4	.054	.29
MAY													
28...	0830	283	8.4	26.0	5.9	--	118	12.4	6.8	E.04	.86	.011	.07
JUN													
24...	1000	228	7.8	25.2	5.7	--	98	10.9	7.6	<.04	.99	.033	.17
JUL													
29...	1245	210	6.9	31.4	5.8	--	70	8.43	16.7	.04	.77	.012	.07
AUG													
26...	1330	164	7.2	30.3	6.2	--	50	7.53	13.5	.08	.88	.043	.31

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT						
22...	.28	.10	--	3.8	49	.50
DEC						
10...	.47	.26	--	.88	55	.13
FEB						
11...	.25	.07	--	3.4	58	.53
MAR						
25...	.38	.15	17.3	2.2	82	.49
APR						
16...	.38	.13	--	7.8	95	2.0
MAY						
28...	.65	.50	--	1.4	62	.24
JUN						
24...	.57	.38	--	1.6	38	.17
JUL						
29...	.42	.30	--	4.0	41	.44
AUG						
26...	.43	.24	--	7.6	38	.78

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
OCT													
22...	<.002	<.004	<.002	<.005	.065	<.010	<.002	E.005	<.020	E.003	<.018	<.003	E.009
DEC													
10...	<.002	<.004	<.002	<.005	.289	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.012
FEB													
11...	<.006	<.006	<.004	<.005	.656	<.010	<.002	E.018	<.020	E.005	<.018	<.003	E.029
MAR													
25...	<.006	<.006	<.004	<.005	.920	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.022
APR													
16...	<.006	<.006	<.004	<.005	1.35	<.010	<.002	E.030	<.020	<.005	<.018	<.003	E.035
MAY													
28...	<.006	<.006	<.004	<.005	.922	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.084
JUN													
24...	<.006	<.006	<.004	<.005	.306	<.010	<.002	E.164	<.020	.009	<.018	<.003	E.036
AUG													
26...	<.006	<.006	<.004	<.005	.256	<.010	<.002	E.046	<.020	<.005	<.018	<.003	E.042

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)
OCT													
22...	.024	<.005	<.02	.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.006
DEC													
10...	.025	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.010
FEB													
11...	.067	<.005	<.02	.004	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.013
MAR													
25...	.031	<.005	<.02	E.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.016
APR													
16...	.180	<.005	<.02	E.005	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.016
MAY													
28...	.145	<.005	<.02	.003	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.015
JUN													
24...	.056	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.037
AUG													
26...	.024	<.005	E.01n	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.010n

Date	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
OCT													
22...	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	.02	<.004	<.010	<.011
DEC													
10...	<.006	--	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.01	<.004	<.010	<.011
FEB													
11...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	E.01	<.004	<.010	<.011
MAR													
25...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	<.01	<.004	<.010	<.011
APR													
16...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	.03	<.004	<.010	<.011
MAY													
28...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	.14	<.004	<.010	<.011
JUN													
24...	.027	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	.10	<.004	<.010	<.011
AUG													
26...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	.02	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT								
22...	<.02	.014	.02	<.034	<.02	<.005	<.002	<.009
DEC								
10...	<.02	.182	<.02	<.034	<.02	<.005	<.002	<.009
FEB								
11...	<.02	.069	.03	<.034	<.02	<.005	<.002	<.009
MAR								
25...	<.02	.181	.03	<.034	<.02	<.005	<.002	<.009
APR								
16...	<.02	.111	.03	<.034	<.02	<.005	<.002	<.009
MAY								
28...	<.02	.059	.02	<.034	<.02	<.005	<.002	<.009
JUN								
24...	<.02	.013	.02	<.034	<.02	<.005	<.002	<.009
AUG								
26...	<.02	.035	.02	<.034	<.02	<.005	<.002	<.009

Value qualifier codes used in this report:
n -- Below the NDV

E Estimated value.
< Actual value is known to be less than the value shown.

07380101 BAYOU MANCHAC NEAR LITTLE PRAIRIE, LA

LOCATION.--Lat 30°20'25", long 90°55'02", in sec. 39, T. 8 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070202, 4.6 mi northwest of Port Vincent, and 3.0 mi downstream from Clay Cut Bayou, on the right bank 1,000 ft upstream from mouth of Muddy Creek.

DRAINAGE AREA.--152 mi^2.

PERIOD OF RECORD.--June 1989 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Gage is tide affected. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 16.92 ft (from floodmark), June 10, 2001; minimum, 0.33 ft (revised due to datum correction), May 20, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.14 ft, Apr. 11; minimum elevation, 1.21 ft, on several days.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.12	2.09	1.94	1.74	2.16	2.17	4.50	1.51	2.64	2.11	1.87	2.69
2	1.76	2.22	1.89	1.72	1.98	5.01	4.08	1.36	2.21	2.04	1.73	2.78
3	1.74	2.26	1.78	1.37	1.72	5.04	2.89	1.26	2.03	1.85	2.00	2.80
4	1.91	2.27	1.83	1.21	1.47	5.00	2.27	1.27	2.02	1.60	2.33	2.78
5	2.10	2.23	1.98	1.67	1.54	3.58	1.96	1.25	2.25	1.51	2.81	2.71
6	2.19	2.15	1.93	2.15	2.32	1.98	1.83	1.45	2.48	1.51	2.81	2.62
7	2.24	1.98	1.78	1.63	2.02	1.77	1.95	1.78	2.38	1.81	2.86	3.09
8	2.36	1.92	1.68	1.30	1.88	1.85	3.77	1.92	2.22	2.18	3.58	3.53
9	2.74	1.87	1.53	1.21	1.71	2.01	5.99	1.82	2.43	2.34	4.24	3.63
10	3.09	1.79	1.42	1.21	1.59	1.85	6.79	1.77	2.82	2.30	3.62	3.34
11	3.30	1.71	1.47	1.21	1.41	1.79	8.02	2.01	2.86	2.40	3.20	2.92
12	3.40	1.74	1.88	1.40	1.25	1.95	7.56	2.17	2.76	2.40	3.18	2.59
13	3.75	1.95	2.13	1.40	1.23	1.74	5.97	1.97	2.50	2.27	2.87	2.69
14	4.66	2.37	2.56	1.41	1.25	1.88	3.78	1.55	2.12	2.15	2.52	3.04
15	4.49	2.36	2.29	1.47	1.31	2.03	2.94	2.03	1.87	1.85	2.51	2.93
16	4.15	2.15	2.33	1.44	1.33	1.85	2.59	2.31	1.92	1.68	3.00	2.46
17	3.10	1.86	2.23	1.46	1.22	1.75	2.47	2.38	2.10	1.63	2.78	2.22
18	2.51	1.69	1.81	1.33	1.27	1.77	2.28	2.02	2.50	1.53	2.54	2.08
19	2.27	1.58	1.54	1.32	1.89	1.90	2.05	1.76	2.60	1.51	2.37	2.08
20	2.12	1.50	1.31	1.33	2.12	2.06	1.93	2.23	2.56	1.49	2.30	2.26
21	2.07	1.55	1.29	1.86	2.11	1.91	1.82	2.18	2.47	1.53	2.37	2.36
22	2.10	1.82	1.79	1.75	2.05	1.65	1.73	2.26	2.52	1.78	2.38	2.80
23	2.09	2.16	2.01	1.79	1.68	1.62	1.81	2.25	2.57	1.81	2.30	3.01
24	2.12	2.20	1.67	1.76	1.56	1.75	2.02	2.35	2.58	1.72	2.14	3.40
25	2.07	2.01	1.51	1.79	1.62	1.93	1.73	2.37	2.56	1.74	2.02	4.16
26	2.13	1.93	1.45	1.71	1.48	4.27	1.84	2.38	2.58	1.83	1.89	6.67
27	1.94	1.97	1.23	1.85	1.25	3.81	2.14	2.34	2.44	1.96	1.89	6.47
28	1.75	2.29	1.23	1.87	1.21	3.85	2.07	2.24	2.39	1.93	1.92	6.45
29	1.83	2.48	1.26	1.81	---	4.06	1.79	2.37	2.37	1.88	1.92	6.37
30	1.88	2.10	1.40	1.91	---	3.34	1.66	2.53	2.21	1.82	2.12	6.38
31	1.93	---	1.63	1.89	---	3.51	---	2.69	---	1.93	2.44	---
MAX	4.66	2.48	2.56	2.15	2.32	5.04	8.02	2.69	2.86	2.40	4.24	6.67
MIN	1.74	1.50	1.23	1.21	1.21	1.62	1.66	1.25	1.87	1.49	1.73	2.08

073801175 GRAYS CREEK NEAR PORT VINCENT, LA

LOCATION.--Lat 30°24'39", long 90°54'52", in sec. 21, T. 7 S., R. 3 E., Livingston Parish, Hydrologic Unit 08070202, at bridge on State Highway 16, 1.0 miles from intersection of State Highway 16 and Juban Road.

DRAINAGE AREA.--30 mi^2.

PERIOD OF RECORD.--July 1998 to September 2001 (peak elevations only); October 2001 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 25.89 ft, June 8, 2001; minimum recorded, 12.42 ft, Aug. 30, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.13 ft, Apr. 9; minimum gage height, 12.42 ft, Aug. 30.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.55	13.02	12.72	12.64	16.26	15.00	19.91	12.72	12.65	12.76	12.78	12.50
2	12.51	12.98	12.57	12.84	13.44	21.55	13.99	12.75	12.64	12.82	12.67	12.56
3	12.53	12.97	12.58	12.80	12.96	15.34	13.23	12.72	12.63	12.67	12.68	12.57
4	12.60	12.97	12.60	12.68	12.81	13.45	13.02	12.67	12.63	12.59	12.73	12.65
5	12.62	12.94	12.61	14.46	12.84	13.11	12.87	12.70	12.55	12.55	12.63	12.79
6	12.80	12.92	12.62	16.55	14.07	12.99	12.82	12.74	12.93	12.72	12.59	12.64
7	12.73	12.90	12.64	13.31	13.61	12.95	12.80	12.75	12.82	12.59	12.70	13.19
8	12.63	12.89	12.66	12.98	13.03	12.94	17.50	12.76	13.02	13.23	12.56	13.27
9	12.59	12.88	12.67	12.86	12.87	12.92	22.12	12.73	12.73	13.10	12.58	12.81
10	12.60	12.87	12.67	12.83	12.82	12.99	15.63	12.79	12.70	12.60	12.54	12.59
11	14.81	12.86	12.66	12.89	12.73	12.88	13.56	12.67	12.67	12.57	12.58	12.58
12	18.13	12.85	12.67	13.71	12.71	14.14	13.16	12.70	12.67	12.59	12.88	12.57
13	15.61	12.84	13.77	13.53	12.71	13.25	12.98	12.76	12.59	12.68	12.65	12.54
14	18.65	12.84	16.46	12.92	12.64	12.95	12.88	12.76	12.62	12.81	13.20	12.55
15	13.80	12.82	13.06	12.74	12.61	12.92	12.80	12.73	12.62	12.93	12.72	12.58
16	13.43	12.78	12.79	12.66	12.69	12.91	12.79	12.74	12.61	13.08	12.82	12.64
17	13.36	12.77	13.52	12.55	12.72	12.89	12.81	12.83	12.62	13.38	12.90	12.68
18	13.32	12.75	13.16	12.60	12.65	12.81	12.80	13.23	12.59	12.63	12.54	12.70
19	13.27	12.75	12.83	13.26	12.63	12.75	12.78	12.70	12.59	12.58	12.48	12.69
20	13.23	12.74	12.72	13.72	13.32	12.80	12.77	12.63	12.61	12.62	12.49	12.65
21	13.21	12.74	12.69	12.95	12.82	12.94	12.76	12.58	12.63	12.66	12.50	12.97
22	13.18	12.73	12.63	12.85	12.63	12.84	12.73	12.58	12.59	13.64	12.51	13.76
23	13.16	12.73	12.67	12.76	12.62	12.78	12.70	12.59	12.59	13.61	12.53	12.84
24	13.15	12.83	12.64	12.98	12.67	12.80	12.69	12.59	12.70	12.75	13.27	12.61
25	13.13	13.15	12.58	14.42	12.69	12.84	12.69	12.60	12.76	12.69	12.57	14.64
26	13.11	12.74	12.56	13.07	12.71	20.29	12.74	12.62	12.83	13.06	12.47	21.52
27	13.09	12.67	12.63	12.78	12.76	18.04	12.75	12.66	13.01	13.63	12.45	17.42
28	13.08	12.64	13.09	12.70	12.79	13.72	12.75	12.70	13.27	12.67	12.50	13.30
29	13.06	12.90	13.02	12.67	---	13.20	12.75	12.63	13.35	12.71	12.47	12.91
30	13.05	13.19	12.77	12.65	---	12.96	12.73	12.63	12.64	13.29	12.45	12.74
31	13.03	---	12.67	12.65	---	18.30	---	12.83	---	15.34	12.49	---
MAX	18.65	13.19	16.46	16.55	16.26	21.55	22.12	13.23	13.35	15.34	13.27	21.52
MIN	12.51	12.64	12.56	12.55	12.61	12.75	12.69	12.58	12.55	12.55	12.45	12.50

07380120 AMITE RIVER AT PORT VINCENT, LA

LOCATION.--Lat 30°19'57", long 90°51'07", in sec. 19, T. 8 S., R. 4 E. Livingston Parish, Hydrologic Unit 08070202, on downstream side of bridge on State Highway 42, 0.1 mi east of intersection of State Highway 42 and 431, 0.2 mi west of intersection of State Highway 42 and 16, 0.5 mi downstream from mouth of Grays Creek.

DRAINAGE AREA.--1,596 mi^2.

PERIOD OF RECORD.--Oct. 25, 1983 to Sept. 30, 1984 (elevations only), October 1984 to current year. Prior to Oct. 24, 1983, elevations only in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is NGVD of 1929. Prior to Oct. 25, 1983, operated by Corps of Engineers, same site and location.

REMARKS.--No estimated daily discharges. Records poor. Satellite telemetry and rain gage at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation, 14.65 ft, Apr. 9, 1983; minimum elevation, -1.04 ft, Jan. 19, 1977.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 69,500 ft^3/s, Jan. 28, 1990; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 12,300 ft^3/s, Sept. 30, maximum gage height, 5.62 ft, Sept. 27; maximum negative discharge, -2,230 ft^3/s, July 22, minimum gage height, 0.20 ft, Jan. 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	345	247	---	399	---	---	---	---	1720	943	1420	175
2	363	498	---	648	---	---	---	834	885	1020	914	301
3	424	552	---	658	---	---	---	545	680	970	662	289
4	310	546	45	387	---	---	---	663	599	530	490	482
5	418	---	264	1200	---	---	---	407	405	539	571	628
6	627	---	731	3510	---	---	---	390	630	439	604	316
7	219	---	568	2560	---	---	---	433	624	855	2320	14
8	234	---	662	1590	---	---	---	442	540	1070	6670	379
9	-137	---	591	1020	---	---	---	496	227	775	8090	405
10	360	---	583	747	---	---	---	261	537	599	4750	639
11	1420	---	333	729	---	---	---	43	609	505	1380	662
12	1970	---	427	1120	---	---	---	136	610	862	1200	518
13	2860	---	1100	1140	---	---	---	611	645	887	1410	320
14	6970	---	4120	1000	---	---	---	180	760	829	1780	267
15	7110	---	3030	1330	---	---	---	-298	422	1160	2020	745
16	6840	---	1740	1100	---	---	---	159	400	1030	3710	721
17	3400	---	1460	967	---	---	---	390	77	1090	2790	965
18	1620	---	1440	690	---	---	---	731	-82	1060	1540	672
19	992	---	1180	1100	---	---	1510	216	285	807	1220	512
20	893	---	1010	1780	---	---	---	60	299	580	1130	542
21	842	---	588	3240	---	---	---	252	411	434	1160	897
22	963	---	477	2990	---	---	---	-110	125	654	893	1260
23	959	---	748	1910	---	---	---	-119	151	819	940	94
24	877	---	702	---	---	---	---	-32	236	992	1150	360
25	867	---	489	---	---	---	---	95	197	917	1340	1400
26	783	---	568	---	---	---	---	171	782	---	700	8440
27	851	---	565	---	---	---	---	261	936	---	595	8710
28	422	---	515	---	---	---	---	526	1060	---	673	9760
29	535	---	558	---	---	---	---	371	1420	---	452	10900
30	413	---	500	---	---	---	---	527	779	---	335	11800
31	148	---	546	---	---	---	---	1260	---	1640	193	---
TOTAL	44898	---	---	---	---	---	---	---	16969	---	53102	63173
MEAN	1448	---	---	---	---	---	---	---	565.6	---	1713	2106

07380120 AMITE RIVER AT PORT VINCENT, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.01	1.99	1.84	1.64	1.64	1.75	3.05	---	2.25	1.72	1.36	2.46
2	1.63	2.12	1.77	1.57	1.49	3.38	2.94	1.01	1.83	1.61	1.28	2.62
3	1.59	2.16	1.62	0.91	1.28	3.59	2.29	1.14	1.63	1.40	1.60	2.63
4	1.83	2.17	1.68	0.64	0.97	3.35	1.86	1.16	1.66	1.12	1.98	2.61
5	1.99	---	1.88	1.05	1.36	2.38	1.56	1.18	1.90	1.02	2.48	2.53
6	2.07	---	1.84	1.58	2.12	1.36	1.54	1.49	2.12	1.18	2.48	2.45
7	2.13	1.88	1.64	1.04	1.72	1.28	1.76	1.71	2.02	1.49	2.41	2.89
8	2.25	1.80	1.49	0.55	1.51	1.54	2.60	1.84	1.87	1.75	2.65	3.30
9	2.63	1.75	1.31	0.36	1.36	1.72	3.99	1.74	2.07	1.95	3.05	3.40
10	2.99	1.63	1.25	0.49	1.26	1.55	4.57	1.68	2.47	1.92	2.95	3.12
11	3.12	1.53	1.44	0.72	0.93	1.62	5.21	1.92	2.52	2.03	2.86	2.70
12	3.18	1.57	1.80	0.91	0.69	1.76	5.11	2.08	2.42	2.01	2.88	2.38
13	3.31	1.85	1.94	1.06	0.77	1.42	4.26	1.84	2.15	1.90	2.55	2.47
14	3.72	2.26	1.95	1.17	0.96	1.56	3.06	1.43	1.71	1.74	2.19	2.82
15	3.59	2.25	1.96	1.25	1.09	1.80	2.48	1.95	1.50	1.32	2.10	2.74
16	3.39	2.04	2.16	1.22	1.05	1.66	2.20	2.17	1.54	1.32	2.39	2.30
17	2.73	1.72	2.07	1.20	0.69	1.55	---	2.04	1.77	1.26	2.36	2.02
18	2.32	1.47	1.58	1.09	1.07	1.61	---	1.52	2.15	1.14	2.22	1.90
19	2.14	1.41	1.16	0.98	1.78	1.76	1.75	1.47	2.25	1.12	2.08	1.91
20	2.00	1.34	0.97	1.06	1.99	1.92	---	1.89	2.20	1.14	2.01	2.08
21	1.96	1.45	1.20	1.54	1.95	1.74	---	1.82	2.10	1.21	2.04	2.17
22	1.98	1.68	1.70	1.44	1.83	1.34	---	1.91	2.17	1.38	2.08	2.55
23	1.98	2.05	1.91	1.58	1.42	1.43	---	1.90	2.22	1.37	1.98	2.87
24	2.01	2.08	1.49	1.53	1.36	1.56	---	1.99	2.24	1.32	1.85	3.24
25	1.96	1.90	1.37	1.49	1.43	1.79	---	2.02	2.22	1.38	1.65	3.88
26	2.02	1.81	1.21	1.46	1.18	2.70	---	2.02	2.21	---	1.56	5.30
27	1.80	1.87	0.52	1.57	0.41	2.70	---	1.99	2.05	---	1.55	5.59
28	1.60	2.20	0.82	1.62	0.63	2.65	---	1.88	1.99	---	1.64	5.41
29	1.74	2.39	1.11	1.62	---	2.67	---	2.02	1.90	---	1.60	5.11
30	1.77	2.00	1.35	1.75	---	2.26	---	2.17	1.84	---	1.84	4.85
31	1.83	---	1.52	1.75	---	2.32	---	2.33	---	1.51	2.18	---
MAX	3.72	---	2.16	1.75	2.12	3.59	---	---	2.52	---	3.05	5.59
MIN	1.59	---	0.52	0.36	0.41	1.28	---	---	1.50	---	1.28	1.90

07380200 AMITE RIVER AT FRENCH SETTLEMENT, LA

LOCATION.--Lat 30°16'31", long 90°46'45", in sec. 11, T. 9 S., R. 4 E., Livingston Parish, Hydrologic Unit 08070202, at bridge on State Highway 16, 2.0 mi south of French Settlement High School.

DRAINAGE AREA.--About 1,750 mi^2.

PERIOD OF RECORD.--Annual maximums, water years 1995-96; October 1997 to current year (elevations only). Previous stage data was collected at a nearby site (Station number 8522509) by the U.S. Army Corps of Engineers, New Orleans District, from 1949 to 1992.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Stage affected by wind and tide. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 6.89 ft, June 11, 2001; minimum recorded, -0.89 ft, Dec. 31, 1997 and Jan. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.79 ft, Sept. 26, 27; minimum elevation, -0.29 ft, Jan. 9.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.54	1.53	1.37	1.16	1.04	1.22	1.84	0.66	1.76	1.24	0.85	1.99
2	1.15	1.66	1.30	1.09	0.81	2.33	1.86	0.53	1.34	1.13	0.79	2.15
3	1.12	1.71	1.14	0.43	0.68	2.40	1.62	0.67	1.16	0.91	1.12	2.16
4	1.37	1.72	1.21	0.16	0.45	2.05	1.31	0.68	1.18	0.64	1.50	2.15
5	1.53	1.67	1.41	0.52	0.88	1.30	1.05	0.71	1.42	0.55	2.00	2.06
6	1.61	1.59	1.37	0.94	1.64	0.73	1.06	1.01	1.65	0.70	2.01	1.98
7	1.67	1.42	1.17	0.36	1.19	0.76	1.30	1.23	1.55	1.01	1.86	2.42
8	1.78	1.36	1.02	-0.02	0.93	1.05	1.88	1.36	1.40	1.26	1.85	2.84
9	2.16	1.29	0.85	-0.15	0.81	1.25	2.62	1.26	1.59	1.47	2.19	2.94
10	2.53	1.18	0.79	0.01	0.77	1.06	2.77	1.20	1.99	1.44	2.30	2.65
11	2.63	1.08	0.97	0.24	0.44	1.15	2.87	1.44	2.04	1.56	2.37	2.23
12	2.69	1.12	1.33	0.41	0.21	1.28	2.91	1.60	1.94	1.53	2.39	1.91
13	2.75	1.41	1.45	0.56	0.30	0.90	2.77	1.36	1.67	1.43	2.06	2.00
14	2.91	1.81	1.32	0.68	0.49	1.04	2.34	0.94	1.23	1.25	1.68	2.35
15	2.73	1.80	1.40	0.75	0.63	1.31	1.95	1.47	1.02	0.82	1.59	2.26
16	2.61	1.59	1.66	0.73	0.60	1.18	1.71	1.70	1.06	0.83	1.81	1.83
17	2.15	1.27	1.59	0.71	0.23	1.09	1.65	1.56	1.30	0.77	1.83	1.55
18	1.82	1.03	1.08	0.62	0.61	1.15	1.49	1.04	1.67	0.65	1.73	1.43
19	1.67	0.96	0.67	0.50	1.33	1.30	1.27	0.99	1.78	0.63	1.60	1.44
20	1.53	0.89	0.47	0.51	1.53	1.46	1.12	1.41	1.73	0.65	1.53	1.62
21	1.50	1.00	0.72	0.94	1.48	1.27	0.94	1.35	1.62	0.72	1.56	1.70
22	1.51	1.25	1.23	0.86	1.32	0.86	0.70	1.42	1.70	0.90	1.61	2.07
23	1.52	1.60	1.45	1.07	0.93	0.96	1.07	1.42	1.74	0.90	1.50	2.39
24	1.55	1.64	1.02	1.02	0.91	1.10	1.35	1.52	1.76	0.84	1.36	2.75
25	1.50	1.44	0.90	0.95	0.98	1.35	0.99	1.55	1.75	0.89	1.17	3.34
26	1.55	1.37	0.74	0.91	0.73	1.84	1.28	1.55	1.73	0.96	1.09	4.46
27	1.32	1.41	0.04	1.00	-0.06	1.77	1.56	1.51	1.57	1.04	1.07	4.71
28	1.13	1.72	0.34	1.11	0.18	1.67	1.49	1.41	1.51	1.05	1.17	4.41
29	1.27	1.92	0.65	1.14	---	1.64	1.04	1.55	1.41	1.05	1.13	4.04
30	1.31	1.52	0.87	1.29	---	1.36	0.82	1.70	1.37	0.99	1.37	3.68
31	1.37	---	1.04	1.28	---	1.49	---	1.84	---	0.98	1.70	---
MAX	2.91	1.92	1.66	1.29	1.64	2.40	2.91	1.84	2.04	1.56	2.39	4.71
MIN	1.12	0.89	0.04	-0.15	-0.06	0.73	0.70	0.53	1.02	0.55	0.79	1.43

07380215 AMITE RIVER AT STATE HIGHWAY 22 NEAR MAUREPAS, LA

LOCATION.--Lat 30°18'33", long 90°36'37", in sec. 46, T. 9 S., R. 4 E., Livingston Parish, Killian Quadrangle, Hydrologic Unit 08070202, at bridge on State Highway 22, approximately 2.0 mi south of Maurepas near Clio.

DRAINAGE AREA.--About 1,775 mi^2.

PERIOD OF RECORD.--July 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is -.899 ft NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry, rain gage, wind speed and wind direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.40 ft, Sept. 26, 2002; minimum, -0.12 ft, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.40 ft, Sept. 26; minimum gage height, 0.30 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.12	2.16	1.99	1.72	1.50	1.79	1.99	1.32	2.34	1.87	1.44	2.65
2	1.78	2.29	1.92	1.67	1.20	2.80	2.11	1.19	1.96	1.76	1.42	2.81
3	1.75	2.34	1.76	1.03	1.17	2.41	2.05	1.33	1.79	1.54	1.77	2.81
4	2.00	2.32	1.84	0.76	0.98	1.75	1.82	1.33	1.82	1.27	2.13	2.77
5	2.18	2.28	2.04	1.08	1.42	1.18	1.59	1.34	2.06	1.18	2.71	2.67
6	2.22	2.20	1.98	1.36	2.25	1.14	1.65	1.68	2.29	1.34	2.66	2.60
7	2.28	2.04	1.80	0.67	1.67	1.32	1.92	1.89	2.16	1.63	2.42	3.16
8	2.43	1.99	1.64	0.47	1.44	1.65	2.45	2.03	2.02	1.88	2.27	3.58
9	2.86	1.92	1.46	0.44	1.36	1.82	2.97	1.92	2.23	2.11	2.73	3.57
10	3.28	1.81	1.42	0.62	1.36	1.60	2.72	1.85	2.69	2.07	2.89	3.20
11	3.30	1.72	1.59	0.86	1.01	1.76	2.51	2.11	2.69	2.20	3.03	2.74
12	3.33	1.75	1.96	1.00	0.80	1.87	2.76	2.28	2.56	2.16	3.00	2.45
13	3.34	2.04	2.05	1.16	0.91	1.45	2.82	1.95	2.27	2.06	2.59	2.64
14	3.27	2.45	1.82	1.29	1.09	1.62	2.67	1.54	1.84	1.85	2.21	3.04
15	3.02	2.41	1.97	1.35	1.25	1.93	2.39	2.09	1.65	1.43	2.19	2.85
16	2.89	2.19	2.28	1.33	1.21	1.81	2.26	2.31	1.69	1.45	2.38	2.39
17	2.40	1.87	2.19	1.32	0.85	1.73	2.23	2.16	1.92	1.40	2.41	2.13
18	2.31	1.65	1.66	1.23	1.25	1.77	2.07	1.59	2.31	1.28	2.33	2.05
19	2.24	1.60	1.26	1.11	1.97	1.93	1.87	1.58	2.42	1.27	2.21	2.09
20	2.12	1.49	1.05	1.07	2.17	2.09	1.73	2.00	2.35	1.30	2.15	2.27
21	2.10	1.62	1.34	1.47	2.09	1.82	1.57	1.96	2.23	1.37	2.18	2.33
22	2.12	1.88	1.86	1.40	1.85	1.39	1.30	2.03	2.30	1.54	2.23	2.71
23	2.15	2.24	2.08	1.67	1.51	1.56	1.70	2.04	2.36	1.53	2.11	3.07
24	2.19	2.31	1.62	1.62	1.53	1.73	1.97	2.15	2.40	1.47	1.99	3.45
25	2.09	2.04	1.52	1.49	1.60	1.98	1.60	2.18	2.38	1.52	1.78	4.11
26	2.13	2.00	1.35	1.47	1.30	2.20	1.90	2.18	2.33	1.58	1.73	5.15
27	1.87	2.04	0.68	1.55	0.51	1.91	2.23	2.14	2.17	1.67	1.70	5.07
28	1.73	2.39	0.95	1.69	0.81	1.92	2.12	2.03	2.11	1.69	1.79	4.51
29	1.89	2.60	1.27	1.75	---	1.86	1.68	2.20	2.01	1.69	1.76	3.97
30	1.93	2.10	1.47	1.90	---	1.68	1.48	2.34	1.98	1.61	2.02	3.55
31	1.99	---	1.63	1.90	---	1.90	---	2.46	---	1.58	2.35	---
MAX	3.34	2.60	2.28	1.90	2.25	2.80	2.97	2.46	2.69	2.20	3.03	5.15
MIN	1.73	1.49	0.68	0.44	0.51	1.14	1.30	1.19	1.65	1.18	1.42	2.05

073802220 PANAMA CANAL AT STATE HIGHWAY 44 NEAR GONZALES, LA

LOCATION.--Lat 30°10'14", long 90°55'07", in sec. 12, T. 10 S., R. 3 E., Asecension Parish, Hydrologic Unit 08070204, located on downstream side of bridge on State Highway 44, 1.0 mi east of Interstate 10 near Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.16 ft, June 7, 2001; minimum, -1.00 ft, Dec. 31, 1997, Jan. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.73 ft, Sept. 26; minimum, -0.73 ft, Feb. 27, 28.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.06	1.04	---	1.53	0.99	1.41	0.12	1.18	0.80	0.55	1.30
2	0.82	1.17	0.95	---	0.59	4.17	1.14	-0.04	0.94	0.71	0.58	1.41
3	0.74	1.22	0.80	---	0.21	2.03	1.08	0.08	0.65	0.48	0.72	1.50
4	0.90	1.25	0.71	---	0.04	1.64	0.90	0.14	0.63	0.22	1.03	1.54
5	1.05	1.23	---	---	0.40	1.38	0.65	0.14	0.84	0.11	1.28	1.54
6	1.14	1.21	---	---	1.29	0.87	0.57	0.41	1.03	0.21	1.43	1.49
7	1.18	1.07	---	---	1.16	0.56	0.72	0.64	1.02	0.51	1.42	1.54
8	1.26	0.98	---	---	0.61	0.65	2.13	0.76	0.89	0.74	1.42	1.75
9	1.39	0.93	---	---	0.40	0.83	4.07	0.70	0.98	0.96	1.48	1.91
10	1.57	0.82	---	---	0.36	0.73	2.05	0.63	1.19	0.97	1.55	1.98
11	1.97	0.70	---	---	0.06	0.70	1.81	0.82	1.31	1.03	1.65	1.91
12	2.15	0.74	---	---	-0.22	1.25	2.51	0.96	1.33	1.17	1.75	1.78
13	2.57	0.91	---	---	-0.15	0.81	1.88	0.91	1.22	1.76	1.73	1.65
14	2.94	1.21	---	---	0.04	0.57	1.77	0.43	0.89	1.34	1.59	1.69
15	2.20	1.31	---	---	0.18	0.79	1.66	0.83	0.53	0.80	1.41	1.74
16	2.13	1.22	---	---	0.17	0.71	1.52	1.04	0.58	0.49	1.39	1.65
17	2.05	0.98	---	---	-0.23	0.61	1.37	1.04	0.73	0.36	1.46	1.52
18	1.92	0.69	---	---	0.09	0.64	1.22	0.65	1.03	0.22	1.38	1.31
19	1.77	0.58	---	---	0.80	0.79	1.00	0.45	1.18	0.20	1.26	1.14
20	1.60	0.52	---	---	1.01	0.99	0.76	0.82	1.20	0.20	1.16	1.18
21	1.45	0.57	---	---	1.01	0.97	0.53	0.81	1.13	0.25	1.13	1.21
22	1.34	0.76	---	---	0.93	0.56	0.26	0.85	1.14	0.42	1.19	1.38
23	1.26	1.09	---	---	0.53	0.49	0.48	0.85	1.20	0.63	1.14	1.54
24	1.23	1.14	---	---	0.42	0.62	0.86	0.92	1.21	0.43	0.98	1.70
25	1.16	1.11	---	---	0.49	0.79	0.51	0.96	1.21	0.48	0.79	2.19
26	1.18	0.95	---	---	0.33	2.43	0.67	0.97	1.26	0.53	0.64	5.00
27	1.10	0.96	---	---	-0.44	1.72	0.95	0.95	1.20	0.60	0.64	3.47
28	0.80	1.14	---	---	-0.34	1.22	0.96	0.88	1.14	0.62	0.71	3.36
29	0.89	1.35	---	---	---	1.02	0.56	0.92	1.05	0.67	0.68	3.42
30	0.93	1.26	---	---	---	0.74	0.32	1.06	0.92	0.96	0.86	3.33
31	0.96	---	---	0.85	---	1.24	---	1.15	---	0.89	1.12	---
MAX	2.94	1.35	---	---	1.53	4.17	4.07	1.15	1.33	1.76	1.75	5.00
MIN	0.74	0.52	---	---	-0.44	0.49	0.26	-0.04	0.53	0.11	0.55	1.14

073802225 BAYOU CONWAY NEAR SORRENTO, LA

LOCATION.--Lat 30°10'23", long 90°51'40", in sec. 25, T. 10 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, located at the Sorrento Pumping Station at levee at end of Conway Road.

DRAINAGE AREA.--Approximately 55.0 mi^2.

PERIOD OF RECORD.--July 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Rain gage at station. Stage affected by wind, tide, and pumpage..

EXTREMES FOR THE PERIOD OF RECORD.--Inside: Maximum gage height, 3.08 ft, Mar. 4, 2001; minimum, -0.65 ft, Apr. 18, 1999. Outside: Maximum elevation, 4.30 ft, June 11, 2001; minimum, 0.15 ft, Jan. 12, 2002.

EXTREMES FOR CURRENT YEAR.--Inside: Maximum gage height, 2.54 ft, Mar. 2; minimum -0.61 ft, Feb. 27, 28. Outside: Maximum elevation, 3.56 ft, Sept. 29; minimum elevation, 0.15 ft, Jan. 12.

GAGE HEIGHT, in FEET, (INSIDE), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.08	1.08	.80	1.20	.75	---	.26	1.31	.89	---	---
2	.85	1.20	.99	1.03	.58	2.45	---	.10	1.07	.77	---	---
3	.77	1.26	.85	.38	.25	2.03	---	.21	.78	.56	---	---
4	.93	1.29	.81	-.14	.09	1.68	---	.27	.75	.29	---	---
5	1.07	1.27	.99	.41	.43	1.46	---	.27	.95	.20	---	---
6	1.17	1.25	1.03	1.70	1.22	.93	---	.53	1.15	.28	---	---
7	1.21	1.11	.85	.81	1.16	.62	---	.77	1.14	.58	---	---
8	1.29	1.02	.71	-.03	.64	.72	---	.90	1.01	.82	---	---
9	1.42	.97	.53	-.36	.44	.92	1.40	.84	1.09	1.03	---	---
10	1.59	.86	.43	-.31	.42	.82	1.43	.76	1.30	1.06	---	---
11	1.80	.74	.55	-.11	.13	.79	1.53	.96	1.42	1.11	---	---
12	1.99	.78	.89	.23	-.16	1.12	1.69	1.09	1.44	1.13	---	---
13	2.12	.94	1.00	.44	-.09	.86	1.75	1.06	1.33	1.22	---	---
14	2.41	1.24	.95	.39	.09	.65	1.78	.56	1.02	1.17	---	---
15	2.23	1.35	.91	.44	.25	.88	1.79	.95	.65	.74	---	---
16	2.15	1.26	1.19	.39	.24	.81	1.70	1.17	.68	.48	---	---
17	2.09	1.03	1.27	.34	-.16	.72	1.51	1.18	.82	.41	---	---
18	1.96	.74	.93	.28	.12	.75	1.36	.80	1.13	.27	---	---
19	1.81	.61	.38	.15	.86	.91	1.14	.57	1.29	.26	---	---
20	1.64	.56	.13	.10	1.10	1.09	.90	.95	1.30	.26	---	---
21	1.48	.54	.29	.51	1.09	1.08	.66	.95	1.24	.31	---	---
22	1.37	.79	.79	.39	1.01	.67	.39	.98	1.24	.47	---	---
23	1.29	1.13	1.07	.72	.63	.60	.60	.97	1.30	.61	---	---
24	1.27	1.19	.80	.65	.51	.72	1.00	1.06	1.28	---	---	---
25	1.20	1.16	.56	.65	.58	.89	.65	1.10	1.31	---	---	.85
26	1.21	.98	.45	.57	.42	1.67	.80	1.10	1.36	---	---	.67
27	1.14	1.00	-.26	.59	-.33	1.71	1.09	1.09	1.28	---	---	1.09
28	.83	1.17	-.04	.70	-.28	1.32	1.10	1.02	1.20	---	---	1.29
29	.92	1.39	.27	.76	---	1.12	.70	1.05	1.11	---	---	1.31
30	.96	1.31	.48	.85	---	.85	.46	1.20	1.00	---	---	1.31
31	.99	---	.68	.90	---	---	---	1.28	---	---	---	---
MAX	2.41	1.39	1.27	1.70	1.22	---	---	1.28	1.44	---	---	---
MIN	.77	.54	-.26	-.36	-.33	---	---	.10	.65	---	---	---

073802225 BAYOU CONWAY NEAR SORRENTO, LA--Continued

ELEVATION, in FEET, (OUTSIDE), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.25	1.10	1.10	.82	1.20	.79	1.40	.34	1.35	.93	.64	1.39
2	.87	1.22	1.01	1.04	.59	2.46	1.24	.24	1.10	.81	.68	1.51
3	.79	1.27	.86	.42	.27	2.03	1.21	.28	.82	.60	.79	1.59
4	.95	1.30	.82	.18	.20	1.72	1.04	.33	.79	.34	1.10	1.64
5	1.09	1.29	1.01	.63	.47	1.48	.79	.32	.99	.28	1.35	1.63
6	1.18	1.26	1.05	1.70	1.24	.94	.71	.57	1.19	.34	1.50	1.57
7	1.23	1.12	.87	.81	1.17	.64	.86	.80	1.18	.62	1.50	1.63
8	1.30	1.03	.72	.19	.66	.74	1.48	.93	1.05	.86	1.41	1.84
9	1.43	.99	.54	.18	.46	.94	2.60	.87	1.13	1.07	1.52	1.99
10	1.61	.88	.45	.17	.44	.84	2.08	.79	1.34	1.10	1.63	2.07
11	1.82	.76	.57	.16	.20	.81	1.85	.99	1.45	1.15	1.73	2.01
12	2.01	.80	.91	.35	.18	1.14	1.96	1.13	1.48	1.17	1.83	1.88
13	2.14	.96	1.03	.46	.18	.87	1.95	1.09	1.37	1.26	1.81	1.75
14	2.42	1.26	.96	.41	.22	.66	1.91	.59	1.06	1.21	1.67	1.79
15	2.24	1.36	.93	.45	.29	.90	1.81	.99	.69	.78	1.49	1.85
16	2.17	1.28	1.20	.41	.27	.82	1.67	1.21	.72	.52	1.47	1.75
17	2.10	1.04	1.28	.41	.18	.73	1.52	1.21	.86	.45	1.50	1.62
18	1.97	.75	.94	.31	.28	.76	1.38	.83	1.17	.33	1.45	1.40
19	1.82	.63	.39	.21	.88	.92	1.16	.60	1.32	.32	1.34	1.23
20	1.66	.58	.21	.22	1.11	1.11	.92	.98	1.34	.33	1.24	1.27
21	1.50	.61	.34	.53	1.11	1.09	.68	.98	1.28	.37	1.21	1.31
22	1.38	.81	.81	.41	1.03	.68	.42	1.01	1.28	.51	1.27	1.48
23	1.31	1.15	1.09	.74	.64	.62	.63	1.01	1.34	.61	1.22	---
24	1.29	1.20	.81	.69	.52	.74	1.02	1.09	1.34	.51	1.07	---
25	1.21	1.17	.57	.66	.59	.91	.67	1.13	1.35	.57	.88	2.13
26	1.23	1.00	.46	.58	.43	1.71	.82	1.14	1.40	.62	.72	3.11
27	1.15	1.02	.18	.60	.19	1.71	1.12	1.12	1.32	.68	.72	3.27
28	.84	1.19	.18	.72	.19	1.33	1.13	1.05	1.24	.70	.79	3.48
29	.94	1.41	.33	.77	---	1.14	.73	1.09	1.15	.72	.76	3.53
30	.98	1.32	.50	.89	---	.86	.49	1.23	1.04	.98	.94	3.42
31	1.01	---	.70	.92	---	1.19	---	1.32	---	.95	1.21	---
MAX	2.42	1.41	1.28	1.70	1.24	2.46	2.60	1.32	1.48	1.26	1.83	---
MIN	.79	.58	.18	.16	.18	.62	.42	.24	.69	.28	.64	---

0738022295 GRAND GOUDINE BAYOU AT STATE HIGHWAY 934 NEAR GONZALES, LA

LOCATION.--Lat 30°15'43", long 90°57'48", in sec. 13, T. 9 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on Babin Road (Hwy. 934), 1.3 mi northwest of WSLG radio towers.

DRAINAGE AREA.--Approximately 5.9 mi^2.

PERIOD OF RECORD.--January 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 1988.

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.42 ft, June 7, 2001; minimum recorded, 2.21 ft, Mar. 7, 8, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.02 ft, Sept. 26; minimum, 2.82 ft, on several days.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.82	2.88	2.94	2.97	4.10	3.91	3.52	2.93	2.97	2.96	3.00	2.94
2	2.83	2.86	2.89	3.12	3.29	6.04	3.19	2.93	2.95	2.94	2.94	2.93
3	2.83	2.84	2.88	3.06	3.08	3.67	3.06	2.92	2.92	3.02	2.92	2.93
4	2.83	2.83	2.87	3.03	2.99	3.19	3.02	3.00	2.89	2.99	2.90	2.94
5	2.83	2.83	2.87	3.84	3.01	3.14	2.99	3.00	2.89	3.04	2.88	2.94
6	2.85	2.82	2.85	3.84	3.56	3.12	2.99	2.94	2.89	3.07	2.89	2.94
7	2.85	2.82	2.84	3.16	3.28	3.04	2.98	2.92	2.92	2.98	2.90	2.97
8	2.84	2.83	2.87	3.03	3.12	3.05	4.95	2.92	2.95	2.92	2.94	3.14
9	2.83	2.83	2.89	3.01	3.07	3.02	6.49	2.96	2.96	3.33	3.02	3.11
10	2.88	2.84	2.87	2.98	2.99	3.03	3.94	2.95	2.95	3.43	2.92	3.02
11	3.10	2.84	2.85	2.94	2.95	3.02	3.29	2.95	2.96	3.31	2.88	2.96
12	3.12	2.85	2.85	3.25	2.96	3.33	3.59	2.94	2.98	3.28	3.07	2.92
13	3.82	2.85	2.97	3.24	2.99	3.17	3.38	2.93	2.92	3.32	3.05	2.91
14	3.95	2.85	3.18	3.08	2.98	3.07	3.17	2.94	2.89	3.78	2.95	2.91
15	3.16	2.85	2.98	3.07	2.97	3.04	3.08	2.92	2.87	3.50	2.92	2.90
16	2.97	2.84	2.97	3.06	2.95	3.00	3.06	2.95	2.86	3.25	3.31	2.89
17	2.95	2.83	3.02	3.01	2.95	2.99	3.04	2.97	2.88	3.14	3.20	2.90
18	2.95	2.83	2.97	2.97	2.96	2.98	3.07	2.96	2.89	3.05	2.98	2.89
19	2.92	2.83	2.93	2.97	2.97	2.97	3.00	2.94	2.92	2.97	2.96	2.88
20	2.87	2.83	2.91	3.00	3.00	2.98	3.02	2.93	3.03	2.99	2.98	2.88
21	2.86	2.83	2.90	3.00	3.03	2.96	3.04	2.91	3.09	2.94	2.97	2.88
22	2.85	2.91	2.90	3.01	2.99	2.94	2.99	2.90	3.04	2.93	3.40	3.05
23	2.85	2.93	2.92	3.01	3.02	2.94	2.98	2.91	2.95	3.07	3.48	3.15
24	2.84	2.88	2.91	3.00	2.99	2.94	2.99	2.91	2.90	3.22	3.23	3.04
25	2.84	2.88	2.91	3.15	2.98	2.94	3.01	2.91	2.89	3.10	3.14	4.02
26	2.84	2.89	2.91	3.04	2.99	4.65	2.98	2.90	2.96	3.05	3.03	7.45
27	2.85	2.89	2.91	2.99	3.07	3.51	2.96	2.89	3.06	3.10	2.96	5.24
28	2.85	2.88	2.99	2.98	2.97	3.19	2.95	2.88	3.11	3.03	2.94	3.50
29	2.86	2.92	3.00	2.97	---	3.08	2.93	2.88	3.10	3.10	2.93	3.18
30	2.86	2.97	2.98	2.95	---	3.01	2.93	2.94	3.03	3.24	2.94	3.07
31	2.89	---	2.95	2.94	---	3.95	---	2.99	---	3.09	2.96	---
MAX	3.95	2.97	3.18	3.84	4.10	6.04	6.49	3.00	3.11	3.78	3.48	7.45
MIN	2.82	2.82	2.84	2.94	2.95	2.94	2.93	2.88	2.86	2.92	2.88	2.88

0738022395 BLACK BAYOU AT STATE HIGHWAY 621 NEAR PRAIRIEVILLE, LA

LOCATION.--Lat 30°16'10", long 90°55'01", in sec. 3, T. 9 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on State Highway 621, 1.7 mi from the intersection of State Highway 61 and State Highway 44 in Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.40 ft, June 6, 2001; minimum observed, -0.63 ft, Jan. 9, 10.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.04 ft, Sept. 26; minimum, -0.63 ft, Jan. 9, 10.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.26	1.22	1.09	.90	2.63	2.25	1.75	.30	1.44	---	.58	1.63
2	.85	1.35	1.02	1.00	.49	4.47	1.29	.17	1.06	.87	.49	1.77
3	.82	1.39	.87	.21	.27	2.37	1.23	.32	.84	.65	.83	1.81
4	1.06	1.41	.89	-.12	.11	1.60	1.00	.35	.86	.36	1.19	1.81
5	1.21	1.37	1.11	1.76	.61	.92	.75	.39	1.09	.56	1.42	1.76
6	1.27	1.31	1.10	2.16	1.86	.34	.76	.69	1.31	.43	1.49	1.69
7	1.31	1.14	.89	.01	1.06	.45	1.00	.91	1.25	.69	1.56	2.00
8	1.44	1.05	.73	-.42	.59	.77	4.24	1.04	1.09	.94	1.54	2.43
9	1.73	1.01	.56	-.49	.47	.97	4.95	.94	1.29	1.20	1.74	2.47
10	1.98	.89	.48	-.32	.43	.81	3.01	.88	1.59	1.45	1.87	2.40
11	2.44	.78	.66	-.09	.13	.87	2.01	1.12	1.66	1.34	1.97	2.14
12	2.36	.83	1.03	.73	-.13	2.10	2.04	1.27	1.61	1.23	2.05	1.80
13	3.53	1.08	1.24	.41	-.04	.71	2.05	1.08	1.39	1.15	1.87	1.71
14	3.40	1.46	1.18	.38	.18	.70	1.95	.64	.99	1.98	1.52	1.94
15	2.35	1.51	1.05	.45	.33	.99	1.73	1.15	.70	1.03	1.31	1.97
16	1.95	1.33	1.35	.43	.28	.87	1.47	1.36	.76	.69	1.62	1.66
17	1.91	1.02	1.44	.42	-.10	.78	1.38	1.27	.93	.52	1.58	1.33
18	1.72	.74	.85	.32	.28	.85	1.19	.76	1.31	.34	1.44	1.17
19	1.46	.66	.36	.18	1.02	1.00	.96	.67	1.44	.33	1.34	1.16
20	1.27	.60	.17	.18	1.21	1.21	.80	1.10	1.40	.35	1.25	1.31
21	1.21	.69	.38	.56	1.18	1.02	.61	1.04	1.33	.40	1.26	1.53
22	1.23	.92	.96	.48	1.03	.58	.38	1.12	1.37	.56	1.32	2.16
23	1.23	1.27	1.18	.79	.62	.64	.75	1.11	1.41	.60	1.39	1.91
24	1.25	1.31	.76	.73	.59	.79	1.03	1.20	1.43	.63	1.09	1.84
25	1.21	1.20	.61	.82	.66	1.02	.68	1.23	1.42	.61	.88	3.47
26	1.27	1.08	.47	.59	.42	4.24	.96	1.23	1.46	.92	.78	6.82
27	1.07	1.12	-.26	.66	-.35	2.50	1.23	1.20	1.48	.86	.78	3.80
28	.83	1.39	.08	.78	-.15	1.20	1.17	1.10	1.42	.95	.87	2.10
29	.98	1.59	.33	.85	---	1.10	.71	1.20	1.15	1.43	.83	2.13
30	1.02	1.29	.56	1.00	---	.83	.48	1.36	1.07	2.69	1.05	2.18
31	1.07	---	.75	1.02	---	2.47	---	1.48	---	1.75	1.38	---
MAX	3.53	1.59	1.44	2.16	2.63	4.47	4.95	1.48	1.66	---	2.05	6.82
MIN	.82	.60	-.26	-.49	-.35	.34	.38	.17	.70	---	.49	1.16

073802245 BLACK BAYOU EAST OF GONZALES, LA

LOCATION.--Lat 30°14'25", long 90°52'38", in sec. 26, T. 9 S., R. 3 E. Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on State Highway 431, approximately 0.2 mi from intersection of Hwy. 431 and Churchpoint Road and approximately 3.0 mi north of Hwy. 61 in Gonzales.

DRAINAGE AREA.--Less than 18.30 sq. mi.

PERIOD OF RECORD.--May 1997 to August 1999; November 1999 to current year.

REVISED RECORDS.--WDR-LA-1998: 1997: Extremes for Period of Record.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to October 1997 datum of gage was 0.65 ft NGVD of 1929.

REMARKS.--Stage affected by wind and tide. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.46 ft, June 8, 2001; minimum, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.48 ft, Sept. 26; minimum, -0.61 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.30	1.25	1.12	.93	1.46	1.22	1.48	.34	1.48	.99	.60	1.67
2	.89	1.38	1.05	.91	.45	3.26	1.32	.21	1.09	.87	.53	1.81
3	.85	1.42	.89	.19	.29	2.17	1.27	.37	.88	.65	.86	1.85
4	1.08	1.44	.93	-.10	.13	1.63	1.04	.39	.91	.38	1.23	1.85
5	1.23	1.40	1.14	.71	.63	.91	.79	.43	1.14	.31	1.45	1.80
6	1.33	1.34	1.12	1.44	1.51	.35	.80	.72	1.37	.43	1.54	1.73
7	1.37	1.17	.91	-.08	1.02	.47	1.02	.94	1.29	.74	1.60	1.98
8	1.48	1.09	.76	-.42	.60	.79	2.15	1.08	1.13	.99	1.46	2.31
9	1.74	1.04	.59	-.48	.49	.99	3.86	.99	1.31	1.20	1.73	2.50
10	1.99	.92	.52	-.29	.48	.83	2.64	.92	1.63	1.23	1.91	2.44
11	2.22	.81	.70	-.05	.15	.90	2.01	1.15	1.70	1.30	2.01	2.18
12	2.33	.86	1.05	.30	-.10	1.46	2.04	1.30	1.65	1.26	2.09	1.84
13	2.59	1.12	1.20	.32	.00	.66	2.09	1.13	1.42	1.18	1.91	1.75
14	2.94	1.50	1.03	.41	.22	.73	1.99	.69	1.00	1.41	1.56	1.98
15	2.34	1.53	1.09	.48	.36	1.01	1.76	1.19	.75	.67	1.35	2.01
16	1.96	1.35	1.37	.46	.32	.90	1.50	1.40	.80	.66	1.52	1.70
17	1.94	1.04	1.34	.44	-.06	.81	1.41	1.30	1.02	.53	1.56	1.37
18	1.75	.77	.85	.35	.33	.88	1.23	.81	1.38	.38	1.47	1.22
19	1.49	.69	.38	.20	1.05	1.02	1.01	.73	1.49	.37	1.36	1.20
20	1.32	.63	.20	.21	1.25	1.21	.84	1.15	1.46	.39	1.28	1.36
21	1.25	.73	.43	.60	1.21	1.05	.65	1.09	1.37	.45	1.30	1.45
22	1.26	.96	.96	.51	1.07	.62	.42	1.16	1.43	.61	1.36	1.80
23	1.25	1.31	1.19	.80	.66	.68	.78	1.15	1.46	.65	1.30	1.89
24	1.28	1.34	.78	.74	.62	.82	1.07	1.24	1.48	.60	1.12	1.88
25	1.25	1.22	.64	.70	.69	1.06	.73	1.27	1.47	.64	.92	2.04
26	1.30	1.10	.48	.62	.47	2.55	.99	1.27	1.48	.72	.83	4.05
27	1.11	1.14	-.26	.69	-.33	1.99	1.27	1.25	1.33	.78	.82	2.94
28	.87	1.42	.07	.82	-.09	1.21	1.22	1.14	1.27	.80	.92	2.11
29	1.02	1.61	.37	.87	---	1.12	.76	1.25	1.16	.84	.87	2.16
30	1.05	1.31	.61	1.02	---	.86	.53	1.41	1.10	1.41	1.09	2.22
31	1.10	---	.79	1.01	---	1.43	---	1.52	---	1.24	1.42	---
MAX	2.94	1.61	1.37	1.44	1.51	3.26	3.86	1.52	1.70	1.41	2.09	4.05
MIN	.85	.63	-.26	-.48	-.33	.35	.42	.21	.75	.31	.53	1.20

073802273 BAYOU FRANCOIS AT HIGHWAY 61 NEAR GONZALES, LA

LOCATION.--Lat 30°13'38", long 90°53'58", in sec. 27, T. 9 S., R. 33 E. Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on Highway 61, 1.7 mi from the intersection of Highway 61 and Highway 44 in Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry with rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.72 ft, Sept. 12, 1998; minimum, -1.71 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.15 ft, Apr. 8; minimum, -0.77 ft, Jan. 8, 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.14	1.10	.96	.76	.89	1.08	1.13	.15	1.30	.80	.40	1.51
2	.74	1.23	.89	.71	.26	2.40	1.15	.03	.91	.69	.35	1.65
3	.70	1.27	.73	.01	.12	1.76	1.09	.19	.70	.47	.69	1.68
4	.94	1.28	.78	-.27	-.04	1.44	.86	.21	.73	.19	1.06	1.68
5	1.08	1.25	.98	.43	.48	.71	.61	.26	.97	.10	1.26	1.63
6	1.18	1.18	.96	.78	1.24	.19	.64	.55	1.19	.26	1.36	1.56
7	1.22	1.01	.75	-.28	.81	.32	.86	.77	1.10	.56	1.41	1.82
8	1.34	.93	.60	-.59	.42	.64	1.84	.90	.95	.82	1.28	2.14
9	1.61	.88	.43	-.64	.33	.81	2.56	.80	---	1.02	1.57	2.34
10	1.86	.76	.35	-.45	.30	.66	1.97	.75	---	1.03	1.74	2.26
11	2.06	.65	.55	-.21	-.02	.74	1.82	.98	---	1.11	1.84	1.99
12	2.16	.70	.90	.03	-.27	1.00	1.88	1.13	---	1.08	1.91	1.66
13	2.41	.98	1.03	.14	-.17	.45	1.92	.94	---	.99	1.72	1.59
14	2.46	1.35	.82	.24	.06	.57	1.81	.51	---	1.09	1.37	1.82
15	2.13	1.38	.94	.32	.20	.85	1.59	1.03	---	.45	1.18	1.84
16	1.73	1.19	1.23	.29	.15	.73	1.33	1.24	---	.44	1.34	1.53
17	1.79	.87	1.15	.28	-.23	.63	1.24	1.12	---	.33	1.38	1.20
18	1.59	.61	.67	.18	.19	.72	1.06	.62	1.26	.20	1.30	1.05
19	1.33	.53	.21	.03	.89	.86	.83	.56	1.31	.19	1.18	1.04
20	1.16	.47	.04	.05	1.07	1.03	.66	.98	1.28	.21	1.11	1.19
21	1.10	.58	.28	.43	1.04	.87	.47	.91	1.20	.27	1.12	1.28
22	1.11	.80	.80	.35	.89	.44	.25	1.00	1.25	.43	1.18	1.60
23	1.10	1.16	1.02	.63	.48	.51	.62	.98	1.28	.47	1.09	1.72
24	1.12	1.18	.61	.56	.45	.66	.89	1.07	1.30	.40	.94	1.72
25	1.09	1.05	.47	.51	.52	.90	.55	1.10	1.29	.45	.74	1.42
26	1.14	.95	.30	.45	.28	1.76	.83	1.10	1.29	.51	.65	2.08
27	.94	.98	-.42	.53	-.52	1.33	1.09	1.07	1.14	.59	.65	1.20
28	.72	1.27	-.09	.66	-.25	1.02	1.03	.96	1.08	.61	.74	1.92
29	.86	1.44	.21	.72	---	.95	.57	1.08	.98	.60	.70	2.01
30	.89	1.13	.46	.87	---	.69	.35	1.23	.93	.86	.93	2.06
31	.95	---	.63	.85	---	.98	---	1.35	---	.59	1.26	---
MAX	2.46	1.44	1.23	.87	1.24	2.40	2.56	1.35	---	1.11	1.91	2.34
MIN	.70	.47	-.42	-.64	-.52	.19	.25	.03	---	.10	.35	1.04

073802282 NEW RIVER CANAL NEAR SORRENTO, LA

LOCATION.--Lat 30°11'21", long 90°47'10", in sec. 10, T. 10 S., R. 4 E. Ascension Parish, Hydrologic Unit 08070204, located on the inside and outside of pumping station, on gravel road to the Sorrento Gas & Oil Field, 3.6 miles south of Sorrento and 3.4 miles from Hwy. 61.

DRAINAGE AREA.--93.86 sq. mi.

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Inside: Maximum gage height, 4.67 ft, Sept. 13, 1998; minimum, -1.66 ft, Dec. 31, 1997. Outside: Maximum elevation, 4.88 ft, June 11, 2001; minimum, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Inside: Maximum gage height, 2.50 ft, Oct. 14; minimum, -0.61 ft, Feb. 27. Outside: Maximum elevation, 4.41 ft, Sept. 27; minimum elevation, 0.23 ft, Dec. 11.

GAGE HEIGHT, INSIDE, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.16	1.03	0.83	0.81	0.86	1.21	0.25	1.39	0.89	0.49	1.56
2	0.81	1.29	0.96	0.80	0.35	1.88	1.23	0.13	1.00	0.77	0.43	1.71
3	0.77	1.34	0.80	0.12	0.23	1.86	1.21	0.28	0.79	0.56	0.76	1.74
4	1.00	1.37	0.85	-0.19	0.07	1.55	0.97	0.31	0.81	0.28	1.13	1.75
5	1.15	1.32	1.06	0.24	0.54	0.81	0.72	0.34	1.05	0.18	1.35	1.70
6	1.26	1.26	1.05	0.73	1.31	0.26	0.72	0.63	1.27	0.33	1.43	1.62
7	1.30	1.08	0.84	-0.18	0.93	0.39	0.92	0.85	1.19	0.64	1.50	1.87
8	1.40	1.00	0.70	---	0.52	0.69	1.45	0.98	1.03	0.89	1.36	2.19
9	1.65	0.96	0.53	---	0.41	0.92	2.07	0.89	1.20	1.10	1.63	2.40
10	1.91	0.84	0.45	-0.30	0.42	0.76	2.01	0.83	1.53	1.09	1.81	2.33
11	2.10	0.73	0.62	-0.13	0.09	0.81	1.90	1.05	1.61	1.19	1.91	2.06
12	2.22	0.78	0.97	0.07	-0.16	1.02	1.95	1.21	1.55	1.16	1.99	1.73
13	2.32	1.03	1.10	0.19	-0.07	0.54	2.01	1.05	1.33	1.09	1.80	1.64
14	2.46	1.41	0.93	0.31	0.15	0.64	1.91	0.60	0.92	1.03	1.45	1.88
15	2.18	1.45	1.01	0.39	0.29	0.93	1.68	1.09	0.66	0.49	1.25	1.90
16	1.80	1.27	1.28	---	0.27	0.82	1.42	1.30	0.71	0.48	1.41	1.59
17	1.86	0.95	1.25	0.40	-0.13	0.72	1.33	1.22	0.92	0.42	1.45	1.26
18	1.66	0.68	0.77	0.28	0.25	0.79	1.15	0.73	1.28	0.28	1.38	1.10
19	1.40	0.61	0.32	0.15	0.95	0.94	0.93	0.65	1.39	0.27	1.26	1.09
20	1.24	0.56	0.13	0.14	1.19	1.12	0.76	1.06	1.36	0.29	1.18	1.24
21	1.17	0.64	0.36	0.53	1.14	0.99	0.57	1.00	1.27	0.35	1.20	1.33
22	1.18	0.86	0.87	0.44	1.01	0.55	0.35	1.07	1.33	0.52	1.25	1.65
23	1.17	1.21	1.12	0.72	0.59	0.61	0.69	1.06	1.37	0.55	1.16	1.77
24	1.20	1.25	0.71	0.67	0.54	0.74	1.00	1.15	1.38	0.49	1.01	1.77
25	1.16	1.13	0.57	0.62	0.62	0.98	0.65	1.18	1.37	0.54	0.82	1.34
26	1.22	1.01	0.41	0.55	0.43	1.50	0.90	1.18	1.38	0.59	0.73	1.28
27	1.03	1.04	-0.33	0.62	-0.39	1.40	1.17	1.16	1.23	0.67	0.72	0.98
28	0.78	1.31	-0.02	0.74	-0.17	1.11	1.13	1.06	1.16	0.69	0.81	1.97
29	0.93	1.51	0.29	0.80	---	1.04	0.68	1.16	1.06	0.69	0.77	2.06
30	0.97	1.22	0.54	0.94	---	0.77	0.44	1.32	1.01	0.78	0.99	2.11
31	1.01	---	0.71	0.93	---	1.04	---	1.43	---	0.68	1.31	---
MAX	2.46	1.51	1.28	---	1.31	1.88	2.07	1.43	1.61	1.19	1.99	2.40
MIN	0.77	0.56	-0.33	---	-0.39	0.26	0.35	0.13	0.66	0.18	0.43	0.98

073802282 NEW RIVER CANAL NEAR SORRENTO, LA--Continued

ELEVATION, OUTSIDE, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.12	1.04	---	---	---	---	---	---	---	---	---
2	0.78	1.26	0.98	---	---	---	---	---	---	---	---	---
3	0.75	1.31	0.82	---	---	---	---	---	---	---	---	---
4	0.98	1.33	0.89	---	---	---	---	---	---	---	---	---
5	1.13	1.29	1.07	---	---	---	---	---	---	---	---	---
6	1.25	1.23	1.02	---	---	---	---	---	---	---	---	---
7	1.29	1.06	0.80	---	---	---	---	---	---	---	---	---
8	1.39	0.98	0.64	---	---	---	---	---	---	---	---	---
9	1.65	0.93	0.46	---	---	---	---	---	---	---	---	---
10	1.91	0.81	0.38	---	---	---	---	---	---	---	---	---
11	2.10	0.71	0.55	---	---	---	---	---	---	---	---	---
12	2.22	0.76	0.89	---	---	---	---	---	---	---	---	---
13	2.32	1.02	1.02	---	---	---	---	---	---	---	---	---
14	2.46	1.40	0.85	---	---	---	---	---	---	---	---	---
15	2.34	1.44	0.93	---	---	---	---	---	---	---	---	---
16	2.22	1.26	1.22	---	---	---	---	---	---	---	---	---
17	1.89	0.94	1.17	---	---	---	---	---	---	---	---	---
18	1.62	0.68	---	---	---	---	---	---	---	---	---	---
19	1.38	0.60	---	---	---	---	---	---	---	---	---	---
20	1.19	0.56	---	---	---	---	---	---	---	---	---	1.24
21	1.14	0.64	---	---	---	---	---	---	---	---	---	1.33
22	1.14	0.86	---	---	---	---	---	---	---	---	---	1.66
23	1.14	1.21	---	---	---	---	---	---	---	---	---	1.95
24	1.16	1.26	---	---	---	---	---	---	---	---	---	2.24
25	1.13	1.14	---	---	---	---	---	---	---	---	---	2.87
26	1.18	1.01	---	---	---	---	---	---	---	---	---	4.05
27	0.99	1.04	---	---	---	---	---	---	---	---	---	4.22
28	0.74	1.33	---	---	---	---	---	---	---	---	---	3.83
29	0.89	1.53	---	---	---	---	---	---	---	---	---	3.50
30	0.93	1.24	---	---	---	---	---	---	---	---	---	3.18
31	0.98	---	---	---	---	---	---	---	---	---	---	---
MAX	2.46	1.53	---	---	---	---	---	---	---	---	---	---
MIN	0.74	0.56	---	---	---	---	---	---	---	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA

LOCATION.-- Lat. 30°09'59", long 89°43'03", sec. 37, T. 10 S., R. 15 E., St. Tammany Parish, Hydrologic Unit 08090201, on the east side of U.S. Coast Guard Navigational Aid No. 4 structure, located on the north side of Bayou Rigolets and 0.8 miles east of U.S. Hwy 90 bridge over Bayou Rigolets and 9.0 mi. southeast of Slidell.

DRAINAGE AREA.-- Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to September 1998. April 1999 to current year.

GAGE.-- Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 6.38 ft, Sept. 26, 2002; minimum elevation recorded, -4.91 ft, Aug. 26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.38 ft, Sept. 26; minimum elevation, -1.01 ft, Jan. 9.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.11	0.55	0.90	1.64	0.78	1.21	1.54	0.50	1.02	1.11	0.16	0.63
2	1.03	0.57	0.85	1.74	0.93	1.38	1.44	0.25	0.81	1.28	0.08	0.69
3	1.09	0.50	0.80	1.78	1.01	1.43	1.22	0.21	0.75	0.86	-0.63	0.05
4	1.34	0.81	1.11	1.78	0.74	1.31	1.24	0.28	0.82	0.09	-0.79	-0.33
5	1.56	0.86	1.27	1.66	0.82	1.33	1.46	0.46	0.99	2.03	-0.24	0.50
6	1.74	0.79	1.26	1.62	0.47	1.14	1.36	0.37	0.89	2.05	-0.55	0.24
7	1.71	0.83	1.32	1.45	0.52	1.04	1.23	0.33	0.81	0.03	-0.92	-0.49
8	1.79	1.23	1.49	1.46	0.57	1.08	1.15	0.46	0.82	-0.11	-0.99	-0.53
9	2.13	1.79	1.97	1.34	0.46	0.99	1.01	0.48	0.70	0.16	-1.01	-0.43
10	2.59	1.69	2.22	1.22	0.42	0.91	0.85	0.52	0.68	0.48	-0.81	-0.19
11	2.50	1.75	2.17	1.24	0.75	1.02	1.23	0.27	0.69	0.58	-0.63	0.0
12	2.76	1.52	2.29	1.24	0.67	0.99	1.34	0.47	0.99	0.60	-0.49	0.11
13	3.30	1.53	2.44	1.72	0.65	1.20	1.81	0.15	0.98	0.68	-0.44	0.15
14	2.13	1.24	1.67	1.76	1.17	1.49	1.80	0.19	0.85	0.84	-0.07	0.45
15	2.20	1.24	1.77	1.76	0.86	1.26	1.47	0.55	0.94	0.89	-0.23	0.29
16	1.64	0.65	1.08	1.54	0.48	0.99	1.61	0.52	1.10	0.59	-0.08	0.30
17	1.24	0.89	1.08	1.24	0.24	0.74	1.77	0.42	1.07	0.61	-0.24	0.22
18	1.36	0.74	1.06	1.15	0.05	0.62	1.06	0.14	0.59	0.61	-0.19	0.24
19	1.49	0.57	1.04	1.18	0.29	0.75	1.14	-0.26	0.36	0.51	-0.36	0.18
20	1.50	0.56	1.04	1.11	0.23	0.67	0.40	-0.12	0.16	0.77	-0.35	0.32
21	1.52	0.65	1.11	1.14	0.44	0.85	0.70	0.23	0.52	0.80	0.12	0.45
22	1.50	0.62	1.09	1.32	0.77	1.09	1.31	0.70	0.88	1.03	0.02	0.50
23	1.55	0.79	1.21	1.85	0.79	1.31	1.61	0.85	1.17	0.99	0.13	0.62
24	1.64	0.75	1.25	1.84	1.16	1.52	0.89	0.55	0.77	1.18	0.10	0.65
25	1.49	0.75	1.18	1.27	0.92	1.09	1.16	0.36	0.70	1.13	0.03	0.56
26	1.55	0.57	1.12	1.27	0.97	1.11	0.90	0.02	0.40	0.93	0.02	0.48
27	1.16	0.23	0.62	1.62	0.78	1.20	0.44	-0.64	-0.13	1.05	-0.07	0.50
28	1.20	0.25	0.78	1.99	1.20	1.52	0.95	-0.48	0.21	1.14	0.01	0.60
29	1.08	0.59	0.91	2.17	1.31	1.74	0.95	-0.12	0.48	1.17	0.10	0.66
30	1.16	0.65	0.99	1.55	0.42	0.99	1.03	0.24	0.64	1.18	0.28	0.75
31	1.37	0.67	1.05	---	---	---	1.14	0.12	0.67	1.24	0.44	0.87
MONTH	3.30	0.23	1.29	2.17	0.05	1.13	1.81	-0.64	0.72	2.05	-1.01	0.29

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.56	-0.01	0.50	1.98	0.24	0.95	1.30	0.19	0.82	0.90	-0.17	0.38
2	0.45	0.03	0.26	2.67	1.58	2.13	1.39	0.23	0.85	0.92	-0.19	0.41
3	0.42	-0.01	0.27	1.58	0.35	0.88	1.34	0.40	0.91	0.99	-0.05	0.51
4	0.37	-0.34	0.01	0.35	-0.42	-0.07	1.09	0.32	0.71	0.80	-0.07	0.43
5	1.33	-0.20	0.38	0.29	-0.83	-0.25	0.83	-0.13	0.43	0.91	-0.10	0.50
6	1.94	1.21	1.46	0.64	-0.66	-0.02	1.00	0.09	0.58	1.13	0.34	0.77
7	1.34	-0.15	0.47	0.93	-0.22	0.37	1.23	0.03	0.60	1.10	0.72	0.94
8	0.77	-0.20	0.30	1.21	0.07	0.62	2.20	1.10	1.44	1.16	0.90	1.04
9	0.94	-0.35	0.30	1.21	0.32	0.81	2.12	1.17	1.82	1.08	0.42	0.89
10	0.97	-0.05	0.44	0.90	0.18	0.58	1.55	0.95	1.25	1.00	0.45	0.79
11	0.64	-0.35	0.04	1.19	0.41	0.72	1.60	1.02	1.25	1.24	0.45	0.92
12	0.37	-0.38	0.01	1.26	0.48	0.91	1.82	1.27	1.54	1.49	0.45	1.10
13	0.45	-0.41	0.07	1.04	0.23	0.59	1.83	1.10	1.59	1.32	-0.07	0.77
14	0.43	0.05	0.26	0.92	0.36	0.70	1.64	0.85	1.37	1.24	-0.32	0.59
15	0.57	0.29	0.44	1.16	0.77	0.98	1.36	0.69	1.04	1.45	0.16	0.89
16	0.61	0.08	0.31	1.12	0.66	0.92	1.40	0.52	1.02	---	---	---
17	0.25	-0.09	0.05	1.16	0.45	0.86	1.40	0.47	0.94	1.87	0.40	0.95
18	0.89	-0.15	0.39	1.18	0.44	0.87	1.24	0.28	0.80	0.85	0.12	0.51
19	1.63	0.65	1.02	1.40	0.48	0.96	1.21	0.09	0.68	1.14	0.18	0.71
20	1.61	0.56	1.34	1.72	0.77	1.21	1.06	0.05	0.61	1.19	0.38	0.83
21	1.48	0.53	1.08	1.21	0.42	0.86	0.95	0.06	0.57	1.03	0.35	0.69
22	1.27	0.27	0.73	0.96	0.02	0.55	0.81	-0.26	0.31	1.13	0.26	0.70
23	0.92	0.06	0.56	1.10	0.06	0.66	1.18	0.46	0.86	1.05	0.50	0.76
24	0.93	-0.12	0.46	1.45	0.03	0.72	1.13	0.45	0.88	1.20	0.57	0.93
25	1.15	-0.07	0.55	1.57	0.50	1.09	1.00	0.45	0.69	1.38	0.51	1.04
26	1.20	-0.12	0.44	---	---	---	1.39	0.47	1.08	1.48	0.48	1.05
27	0.55	-0.79	-0.24	---	---	---	1.65	0.70	1.28	1.50	0.39	1.03
28	0.27	-0.19	0.09	---	---	---	1.44	0.47	1.06	1.55	0.26	0.99
29	---	---	---	0.89	0.14	0.63	1.16	0.12	0.71	1.68	0.55	1.18
30	---	---	---	1.03	0.14	0.67	1.13	-0.02	0.57	1.89	0.61	1.31
31	---	---	---	1.38	0.39	0.85	---	---	---	1.72	0.82	1.30
MONTH	1.94	-0.79	0.43	---	---	---	2.20	-0.26	0.94	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.35	0.58	1.03	1.05	0.33	0.74	---	---	---	2.04	1.29	1.73
2	1.11	0.37	0.79	0.94	0.33	0.63	---	---	---	2.10	1.13	1.72
3	1.05	0.29	0.72	0.68	0.03	0.40	---	---	---	2.12	1.13	1.71
4	0.95	0.44	0.75	0.62	-0.10	0.25	---	---	---	2.17	1.11	1.68
5	1.34	0.70	1.03	0.66	-0.09	0.28	---	---	---	1.96	1.09	1.56
6	1.47	0.76	1.17	0.83	-0.02	0.50	---	---	---	2.26	1.02	1.75
7	1.40	0.48	1.03	1.04	-0.03	0.62	---	---	---	2.86	1.57	2.42
8	1.37	0.48	0.96	1.31	-0.03	0.89	1.97	0.35	1.21	2.88	2.15	2.56
9	1.78	0.50	1.33	1.48	0.43	1.01	2.02	1.13	1.60	2.35	1.95	2.15
10	2.04	1.03	1.58	1.65	0.44	1.16	2.13	1.18	1.68	2.06	1.34	1.68
11	1.85	0.92	1.43	1.69	0.67	1.21	2.35	1.61	1.96	1.79	0.87	1.34
12	1.70	0.77	1.27	1.69	0.57	1.14	2.05	1.26	1.58	1.64	1.11	1.41
13	1.54	0.52	1.04	1.72	0.53	1.04	1.60	0.90	1.13	2.10	1.49	1.83
14	1.23	0.27	0.76	1.04	0.36	0.64	1.32	0.53	0.97	3.08	1.49	2.31
15	1.37	0.09	0.74	0.64	-0.01	0.33	1.49	0.83	1.16	2.16	0.75	1.59
16	1.00	0.14	0.61	0.59	0.15	0.44	1.71	0.79	1.30	1.52	0.46	1.11
17	1.45	0.41	0.95	0.63	-0.03	0.32	1.70	0.70	1.30	1.38	0.46	0.97
18	1.38	0.80	1.15	0.69	-0.07	0.35	1.64	0.66	1.25	1.24	0.47	0.95
19	1.34	1.07	1.22	0.70	-0.15	0.36	1.55	0.56	1.15	1.29	0.58	1.03
20	1.38	0.62	1.10	0.89	-0.13	0.49	1.57	0.56	1.16	1.72	0.93	1.34
21	1.49	0.65	1.08	0.92	-0.36	0.44	1.49	0.69	1.13	1.79	1.01	1.49
22	1.71	0.67	1.26	1.05	-0.36	0.56	1.47	0.69	1.11	2.37	1.75	1.96
23	1.70	0.69	1.26	1.03	-0.24	0.49	1.43	0.67	1.08	2.56	2.04	2.39
24	1.68	0.65	1.25	1.05	-0.15	0.54	1.29	0.71	1.02	3.21	2.47	2.76
25	1.66	0.59	1.18	1.62	-0.02	0.58	1.08	0.62	0.84	4.63	3.21	3.81
26	1.93	0.55	1.07	1.04	-0.05	0.54	1.17	0.62	0.94	6.38	3.27	4.99
27	1.78	0.37	0.95	1.00	0.12	0.61	0.93	0.73	0.83	3.27	1.98	2.56
28	1.31	0.37	0.90	0.92	0.14	0.53	1.08	0.70	0.86	2.61	1.48	2.06
29	1.21	0.33	0.80	1.06	0.33	0.66	1.08	0.67	0.88	2.26	1.13	1.71
30	1.11	0.41	0.82	---	---	---	1.32	0.88	1.13	1.97	1.18	1.63
31	---	---	---	---	---	---	1.63	1.20	1.41	---	---	---
MONTH	2.04	0.09	1.04	---	---	---	---	---	---	6.38	0.46	1.94

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- July 1992 to September 1998. April 1999 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1992 to September 1998. April 1999 to current year.
WATER TEMPERATURE: July 1992 to September 1998. April 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens/cm, Sept. 7, 2000; minimum recorded, 156 microsiemens/cm, Mar. 16, 1998.
WATER TEMPERATURE: Maximum, 33.6°C, Aug. 19, 1995; minimum, 3.6°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 24,400 microsiemens/cm, June 11; minimum, 1,890 microsiemens/cm, Mar. 31.
WATER TEMPERATURE: Maximum, 32.7°C, July 20; minimum, 6.8°C, Jan. 8.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8270	6870	7560	7260	6120	6760	10500	10100	10300	3360	3080	3190
2	8730	8080	8490	7320	6680	7040	10400	9450	10100	3170	3060	3110
3	8740	7500	8440	8880	7320	8050	10200	9220	9780	3590	3120	3270
4	7500	6080	6950	9130	7920	8420	10100	7920	9180	4860	3590	4610
5	6670	5640	6330	9630	7920	8980	9190	5610	6660	4920	3030	3760
6	8760	6660	7560	9480	8370	8880	8160	6580	7270	5950	3030	4830
7	10400	5650	7900	9180	8460	8800	8210	6180	7340	8210	5950	7360
8	8950	7600	8490	9280	8720	9000	8010	7220	7700	8180	6570	7690
9	15400	8940	12900	9360	8620	9070	8200	7780	8080	7600	5410	6830
10	18300	15000	17000	9450	8300	9040	8170	7480	7750	6180	4760	5620
11	17600	15000	16500	9360	8120	8900	7630	5460	6110	5330	4460	4950
12	17900	14500	16700	9320	7880	8980	5620	4060	4430	5350	4800	5170
13	16200	13600	15100	8970	4960	7480	7220	4330	4930	5130	4770	4990
14	17000	11400	13600	11200	6360	8920	9470	7220	8490	5520	4680	5020
15	11500	9130	10600	12000	9500	10700	8590	6260	7560	5840	5520	5680
16	11200	8680	9840	11000	9230	9910	6260	4790	5630	5740	4940	5180
17	9370	8620	8810	9610	8810	9280	7810	4590	6380	5300	5200	5240
18	10000	9170	9520	9320	8420	8910	9000	7810	8510	5350	5100	5220
19	9410	7880	8860	9280	4500	7740	9140	7580	8580	8960	5100	6440
20	9180	7050	8280	8940	8400	8760	9230	7050	8470	9170	4670	6900
21	8940	6880	8090	9560	5840	8740	8770	4470	5860	8280	5900	7300
22	8720	6860	7750	9170	4800	5850	5440	3540	4560	7520	5340	6280
23	8460	6610	7090	10600	4800	7430	6280	4310	5580	7790	6680	7380
24	7630	6770	7080	13900	7270	10500	6810	5920	6470	7900	6660	7320
25	8080	6760	7380	10800	9430	9770	7180	6380	6820	8470	6000	7460
26	7860	6600	7300	9700	8550	9380	8980	5530	7340	7180	5700	6500
27	8620	7560	8300	9690	5820	8970	9360	6400	8580	6800	5210	6180
28	8540	7980	8370	6940	5820	6570	7460	4010	6340	6000	5320	5820
29	8520	7930	8270	13300	6940	10800	4010	3070	3630	5910	4980	5620
30	8220	7640	7950	10800	9460	10100	3690	3200	3320	5770	4720	5430
31	8080	6320	7680	---	---	---	3400	3010	3210	5440	4250	5080
MONTH	18300	5640	9510	13900	4500	8720	10500	3010	6930	9170	3030	5660

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6890	5290	5800	4950	3690	4040	6200	2500	4400	4510	3880	4170
2	7050	6840	6910	11700	4950	9420	4840	3030	3820	4980	4010	4570
3	6980	6130	6680	11700	11200	11600	4060	3120	3570	4370	3600	4080
4	6980	6140	6730	11200	9260	10100	5370	3770	4680	4240	3610	3990
5	6310	3920	5230	9260	6920	8160	6120	5180	5670	4310	3710	4000
6	11900	5840	9130	6920	6040	6590	5760	4930	5460	4330	3720	3910
7	7740	5460	6170	6510	5460	6190	5140	3470	4730	4640	4290	4440
8	6500	4540	5600	6040	5300	5640	3590	2330	2870	4890	4540	4670
9	7190	2900	5250	6240	5850	6060	3210	2950	3070	6180	4820	5300
10	7100	2900	5040	5960	5790	5850	3380	2930	3080	6210	5180	5820
11	7510	5960	6850	5960	5230	5470	4240	3380	3850	7290	5400	6170
12	7670	6330	7080	5450	5220	5380	3850	2910	3500	10700	6140	7420
13	7590	3250	5230	5460	5330	5380	3460	3230	3330	7780	6140	6680
14	6120	3030	4020	5460	4230	5060	4200	3460	3790	7490	5270	6350
15	4510	3250	4040	4910	4640	4760	4570	4200	4390	10900	5290	6720
16	5620	3160	4010	4860	3980	4660	4570	4110	4430	---	---	---
17	7320	5620	6650	4700	4400	4610	4580	3480	4070	11700	8790	10000
18	6900	2500	4880	4860	4090	4490	4660	3400	3910	9450	8370	8580
19	8600	4670	6420	4560	3860	4320	4520	3750	4060	8560	7500	8150
20	9060	6010	7640	4640	3670	4260	4710	3800	4240	7760	7490	7580
21	9090	6790	7600	4810	4470	4590	4700	4240	4480	7840	7730	7780
22	7910	5410	6480	5500	4810	5170	5260	4490	4880	8840	7500	7960
23	6510	4740	5620	5250	4750	5050	4790	2900	4000	12400	7640	9340
24	6540	4040	5350	4810	4250	4540	3460	2720	3060	16700	9930	12100
25	4810	4020	4450	4780	4590	4650	3780	3460	3620	17400	10600	13000
26	5120	4000	4420	---	---	---	3800	2950	3380	20300	10900	14100
27	6620	5090	5550	---	---	---	3520	3300	3390	20400	11400	14800
28	6380	4220	4590	---	---	---	3540	3470	3510	17600	11600	14200
29	---	---	---	7110	5340	6360	4000	3450	3630	16500	12000	15000
30	---	---	---	7510	2920	5750	4500	3530	3990	14700	11500	13000
31	---	---	---	5360	1890	4300	---	---	---	14800	12800	13800
MONTH	11900	2500	5840	---	---	---	6200	2330	3960	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14600	11400	12900	11800	11600	11700	---	---	---	11300	8990	9950
2	11800	8440	9700	11800	11600	11700	---	---	---	12600	11300	12100
3	9900	8820	9260	11800	11700	11700	---	---	---	13800	12600	13500
4	12000	9130	9980	11800	11700	11700	---	---	---	13600	13100	13300
5	15000	10700	12200	11900	11800	11900	---	---	---	13400	13000	13200
6	17500	13900	15100	12300	11900	12100	---	---	---	14200	12300	13100
7	18600	14400	15600	12600	11400	12300	---	---	---	17200	13900	15400
8	15100	13100	13800	12900	11300	12200	14500	12700	13400	17000	16500	16700
9	11500	9660	10600	16300	12800	14500	13500	12700	13000	16600	16400	16500
10	20000	12900	15600	15500	12500	14400	13800	13500	13700	16400	15400	16100
11	24400	17400	20300	16400	14600	15900	14100	13800	14000	15400	13600	14400
12	23100	18600	20600	16300	14800	15500	14100	13400	14000	---	---	---
13	20600	13400	16700	16000	14700	15300	13400	11800	12600	12800	12200	12500
14	16300	10800	12900	14800	12100	13300	11800	10900	11300	16600	12700	15200
15	15800	11400	13100	12500	11300	11800	10900	10100	10400	16000	14100	15500
16	15200	11300	12800	11900	10900	11500	10100	9840	9990	14100	10600	12100
17	19900	13200	15400	12100	10800	11400	10100	9930	10000	10700	9900	10200
18	21000	17200	18800	11900	9820	10600	10100	10000	10000	9980	9570	9800
19	20500	18500	19200	10700	9890	10400	10000	9710	9860	9570	9360	9460
20	19500	18000	18900	10800	9330	10200	9710	9530	9590	9400	9310	9360
21	20800	17300	18500	10700	8980	9860	9600	9520	9570	9620	9380	9470
22	18800	16100	17700	11400	9860	10500	9530	9390	9460	10900	9620	10100
23	19400	14600	17500	12500	9810	11000	9460	9400	9420	12400	10900	11900
24	20000	18200	19100	11000	10000	10600	9490	9380	9430	13300	12400	13000
25	19600	14400	16200	15200	10500	11900	9380	8730	9110	17400	13300	14500
26	17500	15600	16600	14800	11300	13600	8840	8550	8690	19500	15800	18000
27	16200	11500	13900	14800	12600	13500	8620	8430	8520	16400	11800	14300
28	13700	11800	12500	14300	13200	14000	8460	8180	8290	11800	10600	10900
29	12300	11100	11600	14400	13500	13900	9620	8290	8930	11400	9610	10800
30	11600	11500	11500	---	---	---	9530	8050	8530	9870	9100	9550
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	24400	8440	15000	---	---	---	---	---	---	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.1	22.6	22.9	19.6	18.0	18.5	19.0	17.6	18.6	10.6	8.9	9.7
2	24.2	22.1	23.1	20.7	18.8	19.4	18.8	17.8	18.3	9.5	8.0	8.9
3	23.7	22.6	23.2	20.7	19.2	19.8	19.0	17.1	18.3	8.1	7.4	7.9
4	24.1	23.1	23.6	20.7	19.5	20.1	19.2	17.6	18.3	8.2	7.6	7.9
5	25.1	23.4	23.9	20.3	19.2	19.6	19.2	17.9	18.6	7.9	7.1	7.5
6	24.1	23.0	23.8	20.5	19.2	19.7	19.8	18.4	19.2	8.1	7.3	7.6
7	23.4	22.3	22.9	20.7	18.5	19.6	20.4	18.8	19.6	7.8	7.3	7.5
8	23.0	21.7	22.3	20.4	19.3	20.0	20.6	19.6	20.1	7.9	6.8	7.3
9	22.5	21.8	22.1	20.7	19.5	20.2	20.2	18.5	19.4	8.5	7.2	7.7
10	22.9	22.3	22.5	20.9	19.7	20.3	19.3	18.3	18.7	10.0	8.2	8.8
11	23.6	22.7	23.1	21.1	19.7	20.2	18.4	17.6	17.9	10.6	8.8	9.4
12	24.3	23.2	23.6	20.8	19.6	20.3	18.4	16.9	17.5	11.0	9.5	10.0
13	24.1	23.4	24.0	20.2	19.6	19.9	18.5	17.5	18.0	11.5	9.6	10.1
14	23.7	22.3	23.0	20.3	19.3	19.7	18.7	17.8	18.3	10.8	10.0	10.3
15	23.0	22.4	22.7	20.0	19.1	19.6	18.3	16.9	17.8	11.1	10.2	10.6
16	22.6	20.7	21.9	20.0	19.0	19.5	19.6	17.7	18.4	11.9	10.1	10.8
17	21.1	19.5	20.4	19.6	18.2	19.1	18.9	18.4	18.7	12.7	10.6	11.4
18	20.2	18.3	19.6	19.5	18.1	18.9	18.6	17.9	18.3	12.9	11.1	12.0
19	20.5	18.9	19.7	19.9	18.4	19.2	18.1	16.7	17.6	14.1	12.0	12.8
20	21.2	19.3	20.2	19.6	18.6	19.1	17.1	15.7	16.6	13.0	11.8	12.3
21	22.7	19.8	21.0	19.0	17.4	18.2	16.7	14.5	15.1	14.0	11.8	12.5
22	23.2	20.4	21.6	18.3	17.2	17.5	15.2	14.3	14.8	13.1	12.7	12.9
23	23.2	21.1	22.1	18.9	17.3	17.9	15.8	14.6	15.4	14.8	13.0	13.8
24	23.5	21.8	22.7	19.0	18.0	18.5	14.6	13.4	14.1	15.9	14.3	14.9
25	23.9	22.2	22.9	19.1	18.4	18.7	13.9	12.0	13.3	15.8	14.7	15.3
26	22.8	21.2	21.9	19.5	18.7	19.0	12.9	11.7	12.3	15.4	14.2	14.9
27	21.2	18.7	19.9	20.5	18.9	19.6	11.9	10.6	11.2	15.3	14.7	14.9
28	19.1	17.6	18.6	21.0	19.8	20.5	11.8	10.9	11.4	16.8	14.7	15.3
29	18.1	17.4	17.8	20.9	19.5	20.5	12.6	11.3	11.7	17.1	15.3	15.9
30	18.1	17.0	17.6	19.5	18.3	18.9	11.9	11.4	11.7	17.6	16.0	16.6
31	18.1	17.1	17.7	---	---	---	11.4	10.5	10.8	18.6	16.7	17.4
MONTH	25.1	17.0	21.7	21.1	17.2	19.4	20.6	10.5	16.5	18.6	6.8	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18.1	16.6	17.5	12.3	11.8	12.0	20.3	19.7	20.1	27.2	26.2	26.7
2	16.6	15.9	16.2	12.8	11.9	12.1	20.9	19.7	20.3	27.5	26.2	26.8
3	15.9	15.4	15.6	12.9	10.7	11.9	21.3	20.7	21.0	27.9	26.9	27.4
4	15.5	14.0	14.4	10.7	9.8	10.3	21.0	20.1	20.4	28.2	26.9	27.5
5	14.4	12.3	13.5	10.7	9.6	10.1	20.1	19.0	19.5	28.9	27.3	28.1
6	12.3	11.3	11.7	11.1	10.3	10.7	19.5	18.4	19.1	29.3	28.0	28.7
7	11.5	10.7	11.0	12.1	11.1	11.6	19.4	18.1	18.9	29.5	28.0	28.7
8	12.0	10.3	10.8	13.2	12.1	12.7	19.4	19.0	19.2	29.2	28.2	28.8
9	11.8	10.5	11.1	14.4	13.2	13.7	19.8	19.2	19.4	29.7	28.4	28.9
10	12.3	11.2	11.8	14.0	13.0	13.4	20.5	19.3	19.8	29.1	28.4	28.7
11	12.2	11.3	11.8	13.9	13.0	13.4	21.0	20.5	20.7	29.0	28.2	28.6
12	13.0	10.9	11.9	14.6	13.9	14.2	21.4	20.5	20.8	28.8	28.0	28.4
13	13.0	11.7	12.2	14.5	14.1	14.3	22.0	20.9	21.2	28.4	26.9	28.0
14	13.2	10.9	12.1	15.3	14.4	14.8	22.8	21.5	21.9	26.9	24.6	26.0
15	12.6	12.1	12.3	16.7	14.9	15.8	23.4	22.0	22.5	26.0	24.3	25.4
16	13.7	12.1	12.9	18.3	16.7	17.3	23.4	22.6	22.9	---	---	---
17	13.9	12.9	13.3	18.6	17.9	18.2	23.9	22.8	23.3	26.3	25.3	25.7
18	13.9	13.3	13.6	20.4	18.6	19.3	25.1	23.4	24.1	25.6	23.9	25.0
19	14.7	13.7	14.0	21.1	20.3	20.6	25.6	24.1	24.7	24.4	22.1	23.7
20	16.0	14.7	15.1	21.7	21.1	21.4	26.2	24.6	25.2	23.3	21.6	22.8
21	15.9	14.7	15.4	21.7	20.3	20.9	25.9	25.0	25.3	23.0	21.8	22.6
22	15.9	14.9	15.4	20.3	18.9	19.2	26.5	24.9	25.5	22.9	22.0	22.4
23	14.9	13.7	14.2	19.1	17.1	18.0	25.4	24.6	24.9	23.2	21.6	22.4
24	15.1	13.5	14.1	18.1	17.3	17.8	25.5	24.6	25.0	24.0	22.2	22.9
25	16.0	14.3	14.8	18.6	17.8	18.2	25.9	25.1	25.5	24.9	23.3	24.0
26	15.2	14.6	15.0	---	---	---	25.8	24.9	25.3	25.7	23.9	24.7
27	14.6	12.6	13.2	---	---	---	26.1	25.0	25.5	26.4	24.7	25.4
28	12.7	12.2	12.5	---	---	---	26.6	25.5	25.9	26.8	25.3	25.9
29	---	---	---	20.6	18.2	19.4	27.4	26.1	26.5	26.9	25.8	26.5
30	---	---	---	20.6	19.7	20.1	27.2	26.4	26.8	26.6	25.8	26.3
31	---	---	---	20.9	20.1	20.4	---	---	---	27.0	25.8	26.3
MONTH	18.1	10.3	13.5	---	---	---	27.4	18.1	22.7	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.9	26.1	26.8	28.4	28.2	28.3	---	---	---	29.6	29.2	29.4
2	28.5	26.9	27.6	28.7	28.4	28.6	---	---	---	29.4	28.8	29.1
3	29.2	27.5	28.3	29.3	28.7	29.0	---	---	---	28.8	28.4	28.7
4	29.5	28.0	28.7	29.7	29.3	29.5	---	---	---	28.5	28.3	28.4
5	30.0	28.2	29.3	29.7	29.5	29.6	---	---	---	28.8	28.1	28.4
6	30.3	29.2	29.6	29.8	29.6	29.7	---	---	---	28.7	28.3	28.6
7	30.7	29.2	29.9	30.4	29.5	29.9	---	---	---	28.4	27.7	27.9
8	30.6	29.5	30.0	30.2	29.5	29.9	29.7	29.1	29.4	27.7	27.4	27.5
9	30.2	29.5	29.9	30.2	29.1	29.7	29.6	28.8	29.1	27.8	27.2	27.5
10	29.5	29.1	29.3	30.5	29.2	30.0	28.8	28.0	28.5	29.2	27.5	28.2
11	29.5	28.6	29.1	31.1	29.6	30.3	28.7	28.1	28.4	29.8	28.2	28.9
12	30.1	28.6	29.3	31.1	30.0	30.6	28.8	28.0	28.3	30.3	28.7	29.3
13	30.7	29.3	29.9	30.8	29.8	30.1	29.4	28.1	28.6	29.7	28.8	29.0
14	30.3	29.2	29.7	30.0	29.2	29.6	29.1	28.5	28.8	29.1	28.4	28.6
15	29.9	28.4	29.2	30.1	28.8	29.4	29.7	28.4	28.8	29.7	28.1	28.8
16	29.5	28.0	28.6	31.1	29.1	29.8	29.2	28.8	29.0	29.4	28.3	28.8
17	29.0	26.8	28.3	32.1	29.9	30.6	30.2	28.9	29.3	29.4	28.5	29.0
18	28.1	27.4	27.9	31.6	30.6	31.1	30.5	29.7	29.9	29.2	28.4	28.8
19	28.7	27.4	28.0	32.0	30.9	31.5	30.5	29.9	30.2	29.3	28.8	29.1
20	28.8	27.8	28.3	32.7	31.3	31.9	30.5	29.9	30.1	29.5	29.0	29.2
21	28.7	27.7	28.2	32.2	31.3	31.7	30.5	29.8	30.1	29.6	29.0	29.3
22	28.4	27.3	27.9	31.5	30.6	31.1	29.8	29.5	29.6	29.7	29.2	29.5
23	27.6	26.7	27.3	31.3	29.9	30.6	30.4	29.2	29.7	29.2	28.2	28.5
24	28.0	26.9	27.5	31.2	30.6	30.9	30.5	29.7	30.0	28.2	27.0	27.6
25	28.3	27.5	27.9	31.0	30.0	30.5	30.9	29.9	30.3	27.0	25.2	25.8
26	28.4	27.6	27.9	30.8	29.3	30.1	30.4	29.9	30.1	25.3	24.1	24.9
27	28.2	27.4	27.8	30.9	29.5	30.2	30.4	29.8	30.1	25.1	23.7	24.3
28	27.9	27.3	27.6	31.0	29.8	30.3	31.0	30.2	30.5	25.4	24.5	24.9
29	28.3	27.6	27.9	30.9	30.1	30.5	30.7	29.7	30.3	26.4	24.8	25.4
30	28.3	28.0	28.1	---	---	---	30.4	29.5	29.9	27.5	25.1	26.0
31	---	---	---	---	---	---	29.8	29.4	29.6	---	---	---
MONTH	30.7	26.1	28.5	---	---	---	---	---	---	30.3	23.7	28.0

073802375 LAKE SALVADOR NEAR LAFITTE, LA

LOCATION.--Lat 29°46'00", long 90°10'59", T. 15 S., R. 22 E., Jefferson Parish, Hydrologic Unit 08090301, installed on wooden platform in the Bayou Villars oilfield, 3 miles south of Couba Island in Lake Salvador.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August, 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is an assumed. Prior to Dec. 21, 2002, site was located 525 yards west of present site.

REMARKS.--Stage affected by wind and tide. Satellite telemetry with wind speed, wind direction, and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 10.43 ft, Sept. 8, 2002; minimum recorded, 2.51 ft, Jan. 2, 2001 (old location).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.43 ft, Sept. 8; minimum, 7.90 ft, Feb. 5.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	8.72	8.35	8.59
2	---	---	---	---	---	---	---	---	---	8.47	8.25	8.37
3	---	---	---	---	---	---	---	---	---	8.25	7.97	8.11
4	---	---	---	---	---	---	---	---	---	8.21	7.98	8.12
5	---	---	---	---	---	---	---	---	---	9.24	8.16	8.53
6	---	---	---	---	---	---	---	---	---	9.20	8.75	8.93
7	---	---	---	---	---	---	---	---	---	8.78	8.27	8.49
8	---	---	---	---	---	---	---	---	---	8.32	8.19	8.25
9	---	---	---	---	---	---	---	---	---	8.39	8.27	8.32
10	---	---	---	---	---	---	---	---	---	8.55	8.37	8.44
11	---	---	---	---	---	---	---	---	---	8.70	8.53	8.61
12	---	---	---	---	---	---	---	---	---	8.76	8.52	8.64
13	---	---	---	---	---	---	---	---	---	8.74	8.55	8.64
14	---	---	---	---	---	---	---	---	---	8.89	8.62	8.79
15	---	---	---	---	---	---	---	---	---	8.82	8.58	8.70
16	---	---	---	---	---	---	---	---	---	8.77	8.60	8.68
17	---	---	---	---	---	---	---	---	---	8.80	8.65	8.72
18	---	---	---	---	---	---	---	---	---	8.87	8.70	8.78
19	---	---	---	---	---	---	---	---	---	9.18	8.61	8.90
20	---	---	---	---	---	---	---	---	---	8.61	8.45	8.51
21	---	---	---	---	---	---	8.78	8.47	8.66	8.75	8.57	8.65
22	---	---	---	---	---	---	9.38	8.68	9.01	8.89	8.55	8.67
23	---	---	---	---	---	---	9.65	9.14	9.36	9.12	8.89	8.98
24	---	---	---	---	---	---	9.15	8.80	8.92	9.30	9.07	9.20
25	---	---	---	---	---	---	8.89	8.74	8.82	9.19	8.63	8.86
26	---	---	---	---	---	---	8.89	8.58	8.78	8.65	8.44	8.55
27	---	---	---	---	---	---	8.63	8.42	8.53	8.77	8.59	8.67
28	---	---	---	---	---	---	8.92	8.62	8.75	8.95	8.76	8.85
29	---	---	---	---	---	---	9.08	8.84	8.96	9.07	8.84	9.00
30	---	---	---	---	---	---	8.99	8.75	8.87	9.33	9.05	9.24
31	---	---	---	---	---	---	8.94	8.58	8.76	9.51	9.31	9.43
MONTH	---	---	---	---	---	---	---	---	---	9.51	7.97	8.68

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.50	8.65	9.07	9.09	8.24	8.60	---	---	---	10.15	9.52	9.79
2	8.65	8.31	8.40	9.71	9.04	9.45	---	---	---	10.05	9.86	9.95
3	8.62	8.33	8.46	---	---	---	9.42	9.01	9.22	10.06	9.91	9.98
4	8.62	8.26	8.37	8.73	8.27	8.46	9.01	8.68	8.79	10.05	9.82	9.90
5	8.33	7.90	8.12	8.42	8.14	8.25	8.73	8.50	8.58	9.85	9.55	9.67
6	8.69	8.25	8.59	8.57	8.33	8.42	8.75	8.42	8.56	9.86	9.71	9.78
7	8.66	8.17	8.38	8.76	8.48	8.58	9.18	8.74	8.92	9.90	9.77	9.84
8	8.42	8.21	8.29	9.05	8.76	8.86	9.70	9.17	9.47	10.08	9.85	10.01
9	8.61	8.42	8.50	9.25	8.79	9.11	9.89	9.66	9.76	10.10	9.96	10.05
10	8.79	8.39	8.62	8.80	8.41	8.56	9.66	9.50	9.58	9.96	9.84	9.88
11	8.39	8.15	8.26	8.95	8.47	8.68	9.77	9.57	9.64	10.04	9.83	9.93
12	8.39	8.21	8.29	9.27	8.93	9.11	9.77	9.66	9.71	10.16	9.96	10.05
13	8.48	8.30	8.39	8.93	8.68	8.78	9.67	9.38	9.50	10.07	9.55	9.88
14	8.40	8.30	8.36	9.19	8.84	9.02	9.58	9.33	9.46	9.58	9.24	9.37
15	8.70	8.38	8.56	9.44	9.19	9.34	9.63	9.39	9.50	9.54	9.17	9.34
16	8.74	8.46	8.59	9.53	9.40	9.46	9.70	9.46	9.57	9.76	9.40	9.55
17	8.50	8.36	8.43	9.53	9.40	9.48	9.70	9.49	9.59	10.08	9.57	9.67
18	8.85	8.42	8.57	9.55	9.37	9.46	9.67	9.39	9.52	9.71	8.88	9.29
19	9.43	8.84	9.10	9.72	9.40	9.52	9.60	9.37	9.48	8.89	8.50	8.72
20	9.58	9.40	9.48	9.94	9.65	9.78	9.61	9.39	9.51	9.07	8.71	8.83
21	9.54	9.29	9.40	9.76	9.01	9.37	9.64	9.44	9.55	9.14	8.86	9.00
22	9.51	8.80	9.14	9.01	8.51	8.68	9.64	9.25	9.42	9.20	8.92	9.06
23	8.83	8.53	8.66	8.83	8.50	8.60	9.54	9.29	9.38	9.34	9.19	9.26
24	8.85	8.67	8.74	9.09	8.83	8.91	9.61	9.46	9.54	9.49	9.17	9.31
25	9.03	8.85	8.94	9.42	9.09	9.27	9.56	9.14	9.36	9.70	9.35	9.50
26	9.17	8.47	8.88	9.50	8.99	9.33	9.52	9.07	9.32	9.69	9.43	9.56
27	8.47	7.92	8.17	9.00	8.75	8.85	9.87	9.15	9.61	9.74	9.46	9.58
28	8.25	7.96	8.12	9.12	8.85	9.03	10.00	9.79	9.89	9.71	9.45	9.58
29	---	---	---	---	---	---	9.89	9.63	9.75	9.80	9.48	9.61
30	---	---	---	---	---	---	9.96	9.55	9.71	9.80	9.53	9.67
31	---	---	---	9.68	9.39	9.51	---	---	---	9.79	9.59	9.69
MONTH	9.58	7.90	8.60	---	---	---	---	---	---	10.16	8.50	9.59

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.81	9.60	9.71	---	---	---	9.02	8.87	8.93	---	---	---
2	9.79	9.53	9.65	---	---	---	8.92	8.57	8.78	---	---	---
3	9.73	9.53	9.63	---	---	---	9.14	8.74	8.97	9.80	9.52	9.68
4	9.75	9.57	9.65	---	---	---	---	---	---	9.88	9.59	9.73
5	9.99	9.73	9.85	---	---	---	---	---	---	9.90	9.64	9.77
6	9.92	9.71	9.80	---	---	---	9.50	9.22	9.45	9.85	9.65	9.73
7	9.87	9.59	9.69	---	---	---	9.64	9.31	9.48	10.21	9.78	9.99
8	9.80	9.55	9.65	---	---	---	9.58	9.35	9.45	---	---	---
9	9.84	9.51	9.63	---	---	---	9.75	9.42	9.53	---	---	---
10	10.04	9.67	9.85	---	---	---	9.82	9.59	9.69	---	---	---
11	10.02	9.79	9.90	---	---	---	10.12	9.73	9.89	10.15	9.93	10.07
12	9.94	9.74	9.85	9.58	9.32	9.43	10.10	9.86	9.95	9.93	9.75	9.86
13	9.90	9.65	9.78	9.53	9.34	9.43	9.98	9.77	9.89	9.85	9.72	9.80
14	9.83	9.51	9.63	9.54	9.16	9.37	9.92	9.64	9.78	10.01	9.83	9.94
15	9.51	9.24	9.36	9.36	9.19	9.25	---	---	---	9.99	9.72	9.86
16	9.64	9.30	9.41	9.25	9.12	9.18	10.1	9.76	9.85	9.84	9.61	9.69
17	9.74	9.33	9.45	9.15	9.00	9.08	10.01	9.81	9.87	9.69	9.52	9.61
18	9.76	9.50	9.60	9.07	8.85	8.92	9.87	9.75	9.80	9.77	9.54	9.65
19	9.85	9.72	9.78	8.96	8.79	8.87	9.83	9.64	9.72	---	---	---
20	9.90	9.59	9.68	9.01	8.75	8.87	9.74	9.55	9.64	---	---	---
21	9.59	9.40	9.49	9.27	8.78	8.91	9.76	9.53	9.63	---	---	---
22	9.49	9.28	9.37	9.24	8.82	8.99	---	---	---	---	---	---
23	9.67	9.27	9.44	9.19	8.91	9.06	---	---	---	---	---	---
24	9.81	9.48	9.64	9.25	8.94	9.06	9.65	9.47	9.56	---	---	---
25	9.91	9.58	9.72	9.41	9.02	9.14	9.63	9.41	9.47	---	---	---
26	10.03	9.66	9.80	9.26	8.99	9.13	---	---	---	---	---	---
27	10.05	9.70	9.82	9.37	9.08	9.21	9.34	9.11	9.21	---	---	---
28	---	---	---	9.41	9.16	9.27	9.29	9.06	9.21	---	---	---
29	---	---	---	9.44	9.18	9.30	9.19	9.06	9.12	---	---	---
30	---	---	---	9.37	9.13	9.26	9.27	9.08	9.20	---	---	---
31	---	---	---	9.22	8.98	9.12	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1999 to current year.

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

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, pH, dissolved oxygen, turbidity, and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Record excellent except for the periods July 28-31, Aug. 6-8, and Sept. 15-16, which are good.
WATER TEMPERATURE: Record good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 15,400 microsiemens/cm, Nov. 14, 15, 2000; minimum recorded, 989 microsiemens/cm, Mar. 12, 2002.
WATER TEMPERATURE: Maximum recorded, 34.0°C, July 16, 2000; minimum recorded, 4.3°C Jan. 4, 2001.
pH: Maximum recorded, 9.2 units, May 12, 2001; minimum recorded, 5.1 units, Aug. 25, 2000.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: 2000 W.Y.--Maximum recorded, 14,100 microsiemens/cm, June 19; minimum recorded, 1,860 microsiemens/cm, Oct. 5.
2001 W.Y.--Maximum, 15,400 microsiemens/cm, Nov. 14, 15; minimum, 1,230 microsiemens/cm, July 19.
2002 W.Y.--Maximum, 3,400 microsiemens/cm, Dec. 22; minimum, 989 microsiemens/cm, Mar. 12.
WATER TEMPERATURE: 2000 W.Y.--Maximum recorded, 34.0°C, July 16; minimum recorded, 8.8°C, Jan. 31.
2001 W.Y.--Maximum, 32.6°C, July 19; minimum, 4.3°C, Jan. 4.
2002 W.Y.--Maximum, 33.1°C, July 20; minimum, 5.7°C, Jan. 4.
pH: 2000 W.Y.--Maximum recorded, 8.7 units, Feb. 9; minimum recorded, 5.1 units, Aug. 25.
2001 W.Y.--Maximum, 9.2 units, May 12; minimum, 5.5 units, Oct. 3, 4.
2002 W.Y.--Maximum, 8.8 units, Apr. 17; minimum, 6.8 units, July 10.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3040	2920	2970	4830	4430	4600	4420	4300	4360	---	---	---
2	3170	2940	3030	4900	4620	4810	4550	4140	4320	---	---	---
3	3040	2580	2850	4620	3800	4020	5930	4550	5590	---	---	---
4	2740	1870	2440	3900	3730	3860	5600	5200	5330	---	---	---
5	2030	1860	1930	3920	3780	3860	7440	5310	5950	---	---	---
6	2350	1980	2170	3860	3760	3810	8070	6290	7100	5450	5360	5380
7	4660	2120	2610	4100	3840	3990	7250	6950	7100	5570	5450	5510
8	5880	3840	5110	4090	3990	4040	7490	7220	7420	5600	5550	5570
9	5700	4500	5250	4130	4060	4090	7680	7460	7510	5580	5510	5550
10	5720	4690	5280	4190	4060	4140	8060	7650	7800	6080	5540	5780
11	6500	4450	5130	4500	4190	4360	7760	7680	7710	6070	5760	5960
12	8940	4860	6610	4530	4320	4450	8100	7760	7970	6110	5710	5870
13	8340	5520	6480	4490	4430	4470	8300	8050	8140	5970	5660	5820
14	7560	6150	6830	4490	4370	4450	8220	7830	8070	5660	5440	5570
15	7870	5700	6340	4530	4210	4420	8410	7760	8180	5730	5450	5610
16	7390	6150	6780	4220	3980	4070	---	---	---	5730	5520	5640
17	7770	6720	7130	3980	3950	3970	---	---	---	5730	5510	5640
18	6900	6640	6730	4020	3970	3990	---	---	---	5810	5710	5760
19	6790	6660	6720	4140	4000	4050	---	---	---	5800	5220	5690
20	6760	6430	6590	4420	4100	4200	---	---	---	5370	5000	5120
21	7440	6260	6940	4280	4140	4200	---	---	---	5620	5240	5360
22	7070	5360	5980	4920	4280	4520	---	---	---	5860	5600	5800
23	6100	5830	5970	5150	4750	4990	---	---	---	5860	5510	5590
24	7020	5260	5860	5410	4930	5080	---	---	---	5850	4350	5420
25	5870	5180	5540	5680	5370	5530	---	---	---	4580	4110	4290
26	5950	4900	5710	5370	4020	4440	---	---	---	4900	4070	4370
27	5020	4670	4830	4040	3940	3990	---	---	---	4420	4000	4170
28	5000	3450	4120	4230	3960	4080	---	---	---	5050	4190	4830
29	5210	4660	5010	4540	4230	4400	---	---	---	5280	4690	5020
30	5100	4460	4660	4510	4300	4360	---	---	---	5090	4160	4710
31	4750	4390	4540	---	---	---	---	---	---	4370	4010	4250
MONTH	8940	1860	5100	5680	3730	4310	---	---	---	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4580	4360	4440	5960	5750	5870	7260	6120	6950	6240	5240	5700
2	4810	4580	4720	5810	5690	5730	7240	5370	6820	6240	4970	5710
3	4810	4750	4780	5700	5420	5530	7030	5060	6040	6220	5050	5650
4	4800	4740	4780	5740	4790	5210	6810	4860	6160	6360	5160	6140
5	4790	4730	4750	5450	5260	5340	6960	5130	6510	6930	6240	6550
6	4770	4720	4740	5850	5440	5660	6960	6150	6530	8540	6930	7940
7	4740	4650	4680	5790	4960	5610	6150	5630	5850	9250	8200	8920
8	4670	4530	4620	6010	5210	5680	6590	5790	6130	10000	8600	9350
9	4780	4610	4680	6280	4990	5990	6900	6070	6550	9820	9030	9540
10	5360	4770	5020	6180	5730	6050	6690	6030	6490	9720	9200	9380
11	5340	5030	5140	5730	5420	5550	6660	6160	6430	9300	8560	9000
12	5150	5020	5070	6240	5550	6020	6550	6120	6220	8560	7780	8180
13	5310	5030	5240	6510	5760	6250	6210	5600	6060	8440	7350	7900
14	5330	5210	5270	6590	6100	6470	6210	6070	6150	9040	8320	8550
15	5470	5260	5350	7300	6590	6770	6310	6130	6200	9580	8270	8650
16	5880	5470	5770	7640	6340	7020	6240	6130	6180	9320	8920	9110
17	5870	5700	5790	6640	6250	6480	6230	6200	6220	9590	9170	9430
18	5870	5730	5770	7020	6500	6640	6430	6200	6280	9700	9440	9570
19	5890	5700	5820	7060	6800	6980	6350	6300	6320	9740	9210	9400
20	6300	5820	6230	7400	6800	7120	6470	6310	6400	10800	9740	10500
21	6310	6200	6270	7380	6810	7090	6400	6310	6350	11200	10500	10800
22	6300	5830	6120	7660	7310	7450	6390	6330	6370	10700	10100	10400
23	6540	5830	6250	7710	7380	7600	6330	6180	6250	10400	9400	9900
24	6540	6000	6350	7690	7350	7470	6310	6000	6200	9580	8780	9120
25	6300	5970	6060	8120	7690	8000	6060	5710	5960	10600	9580	10200
26	6650	6300	6590	8080	7760	7930	6100	5210	5800	10900	10300	10600
27	6460	6160	6240	7780	6940	7350	6240	5050	5790	10600	9350	9760
28	6290	6120	6230	7050	6750	6950	6280	5130	5680	10500	9300	9940
29	6150	5670	5960	6870	6720	6790	6480	5760	6140	10900	10200	10500
30	---	---	---	7040	6060	6810	6340	5290	5940	11000	10600	10800
31	---	---	---	7100	6860	6990	---	---	---	11100	10800	11000
MONTH	6650	4360	5470	8120	4790	6530	7260	4860	6230	11200	4970	8970

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	12700	12300	12500	11800	11400	11600	11800	11400	11800
2	---	---	---	12900	12200	12600	12100	11700	11900	11400	11200	11400
3	---	---	---	13300	12800	13000	12100	12000	12000	11400	11300	11300
4	---	---	---	13400	13100	13200	12100	12000	12100	11300	11200	11200
5	---	---	---	13600	12200	13100	12100	11900	12000	11200	11100	11200
6	---	---	---	13000	12400	12700	12100	12000	12000	11200	11100	11200
7	---	---	---	12800	12300	12600	12000	11700	11900	11200	11100	11100
8	---	---	---	12800	12400	12700	11700	11300	11600	11200	11000	11100
9	13600	12900	13300	12800	12700	12700	11700	11700	11700	11500	10600	11000
10	13500	12900	13200	12800	12600	12700	11700	11500	11700	11300	11000	11100
11	13500	12900	13400	12800	12400	12600	11600	11500	11600	11400	11200	11300
12	13300	13000	13100	12600	12000	12200	11500	11500	11500	11700	11400	11500
13	13400	13200	13300	12700	12200	12400	11500	11500	11500	11900	11100	11600
14	13200	12500	12900	13000	12700	12800	11500	11500	11500	11500	11200	11400
15	12600	12400	12500	13100	13000	13100	11500	11200	11500	11400	10900	11200
16	12700	12300	12400	13300	13100	13200	11500	11500	11500	11000	10700	10800
17	13100	12400	12700	13300	12900	13200	11600	11400	11500	10700	10200	10500
18	13700	13000	13300	13000	12700	12900	11500	11400	11400	10700	10400	10600
19	14100	13600	13800	12800	12100	12400	11500	11400	11400	10600	10500	10600
20	13800	13400	13600	12400	11900	12200	11500	11400	11500	10900	10500	10700
21	13500	13300	13400	12500	11100	11700	11400	11400	11400	10700	10500	10600
22	13400	12600	13100	11600	11100	11400	11400	11300	11400	11000	10600	10800
23	13100	12300	12700	11900	11300	11500	11300	11300	11300	10900	10700	10800
24	13200	13100	13200	11300	9740	10900	11300	11300	11300	10700	10200	10400
25	13300	13200	13200	11700	9400	11100	11400	11300	11300	10400	10100	10200
26	---	---	---	11300	11000	11100	11500	11300	11400	10500	9870	10300
27	---	---	---	11900	11000	11500	11500	11400	11500	9940	9600	9770
28	12700	12500	12600	12100	11500	11800	11700	11500	11600	9770	9530	9630
29	13200	12700	12900	11900	11600	11800	11800	11600	11700	9770	9470	9620
30	12900	12500	12700	11900	11300	11600	11800	11700	11800	9730	9370	9580
31	---	---	---	11600	11400	11500	11800	11800	11800	---	---	---
MONTH	---	---	---	13600	9400	12300	12100	11200	11600	11900	9370	10800

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9860	9730	9820	11700	11400	11500	10800	10600	10700	5790	5530	5620
2	10200	9800	9980	11800	11700	11700	10800	10500	10600	6010	5690	5910
3	10500	10200	10400	11800	11500	11600	10500	9510	10100	6110	5670	5860
4	10800	10500	10700	---	---	---	10500	9920	10200	5860	5600	5780
5	---	---	---	---	---	---	10500	9450	10300	5890	5840	5860
6	---	---	---	---	---	---	10400	7200	9410	5890	5830	5850
7	10900	10400	10600	---	---	---	9230	8910	9070	5880	5090	5540
8	10700	9490	9930	---	---	---	8920	8700	8790	5550	5400	5450
9	9710	9280	9570	---	---	---	8980	8190	8590	5530	5200	5350
10	9410	8970	9240	---	---	---	9100	8220	8650	5840	5230	5380
11	9380	9110	9180	---	---	---	8530	7620	8050	5800	4930	5230
12	9150	9000	9080	---	---	---	8440	7990	8320	5250	4740	4990
13	9080	9020	9050	---	---	---	8460	8140	8300	4870	4640	4730
14	9120	8870	9020	---	---	---	8220	7690	8060	4810	4460	4580
15	9380	9090	9250	15400	13800	14800	7720	7640	7680	4860	4660	4780
16	9580	9170	9380	14400	13900	14100	7920	7470	7730	4720	4680	4710
17	---	---	---	14100	13700	13900	8330	7190	7850	4720	4670	4690
18	---	---	---	13700	13500	13600	7690	7240	7560	4720	4670	4700
19	---	---	---	13600	12800	13200	7380	6920	7140	4760	4480	4700
20	10400	10200	10300	12800	11900	12400	7120	6980	7040	4680	4180	4340
21	10400	10300	10400	13200	11900	12600	7140	6850	6990	5350	4180	4690
22	10500	10400	10500	13200	12500	12700	7380	6900	7130	---	---	---
23	11600	10500	11000	12800	12500	12600	7260	6990	7140	---	---	---
24	11500	10500	10900	12600	12200	12400	7020	6610	6700	---	---	---
25	10800	10200	10400	12500	12300	12400	6660	6220	6520	---	---	---
26	10700	10200	10400	12700	12000	12400	6390	6110	6270	---	---	---
27	10500	9940	10300	12300	11200	12000	6150	5760	5900	---	---	---
28	10700	10300	10500	11500	10300	11000	6600	5870	6290	---	---	---
29	10600	10400	10500	10900	9830	10300	6390	5820	6030	---	---	---
30	11100	10500	10900	11000	10700	10900	5930	5250	5610	---	---	---
31	11400	11100	11300	---	---	---	5640	5250	5460	4560	4440	4500
MONTH	---	---	---	---	---	---	10800	5250	7880	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4600	4440	4520	4420	3940	4060	2880	2700	2800	3610	3380	3480
2	4560	4460	4500	4550	4220	4360	2960	2260	2620	3620	3200	3490
3	4560	4470	4530	4540	4150	4290	2970	2260	2520	3520	3040	3280
4	4490	4450	4480	4460	4350	4430	3040	2910	2990	3140	3050	3090
5	---	---	---	4460	4310	4380	3060	2940	3010	3110	2980	3020
6	---	---	---	4480	4240	4360	3060	2920	3000	3200	3060	3110
7	---	---	---	4530	4280	4430	3160	3050	3120	3200	3120	3150
8	---	---	---	4420	4400	4410	3120	2960	3010	3340	3200	3300
9	---	---	---	4410	4300	4340	3120	2890	3000	3350	3260	3320
10	---	---	---	4330	4200	4270	3040	2460	2780	3260	3160	3220
11	---	---	---	4280	4150	4220	2500	2300	2380	3160	2960	3140
12	---	---	---	4240	3960	4070	2440	2330	2390	3240	2960	3130
13	---	---	---	4040	3960	4000	2970	2390	2660	3340	2980	3220
14	---	---	---	4030	3760	3990	2700	2430	2550	3300	3160	3250
15	---	---	---	3760	3520	3610	2740	2500	2620	3330	3170	3290
16	---	---	---	3930	3530	3630	2700	2390	2530	3450	3290	3360
17	4190	3970	4120	3980	3810	3940	2750	2550	2710	3340	3240	3280
18	4180	3660	3940	3940	3480	3740	2850	2630	2760	3500	3270	3420
19	4040	3810	3980	3640	3490	3550	2790	2640	2700	3560	3400	3510
20	3990	3910	3940	3930	3520	3710	2970	2670	2850	3600	3430	3550
21	4000	3950	3970	3980	3800	3860	3080	2920	3030	3700	3510	3620
22	3960	3870	3920	3880	3720	3820	3090	2680	2890	3910	3510	3680
23	3910	3380	3730	3780	3750	3770	2920	2670	2790	3780	3610	3680
24	4650	3150	3610	3770	3120	3380	2840	2620	2730	3800	3720	3770
25	4370	3540	4070	3500	3200	3390	2980	2790	2880	3780	3720	3750
26	4100	3940	4040	3590	3410	3520	3310	2760	3010	3740	3700	3720
27	3950	3870	3900	3650	3540	3590	3250	3080	3180	3840	3740	3780
28	4080	3920	3970	3640	2970	3510	3260	3120	3220	3950	3810	3870
29	---	---	---	3070	2710	2880	3210	2580	2960	4160	3870	4020
30	---	---	---	3020	2770	2930	3500	2730	2990	4110	3950	4040
31	---	---	---	2920	2790	2860	---	---	---	4140	4100	4110
MONTH	---	---	---	4550	2710	3850	3500	2260	2820	4160	2960	3470

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4130	4080	4110	---	---	---						
2	4140	4100	4120	---	---	---						
3	4190	4120	4140	1840	1520	1650						
4	4130	3850	4010	1520	1350	1390						
5	4070	3850	4000	1540	1400	1460						
6	5160	4000	4240	1800	1540	1690						
7	4520	3650	4040	1860	1660	1760						
8	4380	3730	4050	1820	1570	1720						
9	5100	4330	4720	1590	1350	1490						
10	5000	4050	4460	1620	1450	1500						
11	4370	3720	4180	1700	1620	1670						
12	4050	3370	3620	1840	1680	1740						
13	3370	2630	2980	1760	1740	1750						
14	2630	2290	2470	1750	1630	1700						
15	3140	2240	2720	1660	1590	1620						
16	3140	2820	3010	1640	1540	1610						
17	2860	2690	2780	1540	1310	1420						
18	2710	2680	2700	1480	1380	1430						
19	2720	2520	2670	1440	1230	1350						
20	2560	2260	2390									
21	2360	2280	2340									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MONTH	---	---	---	---	---	---						

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1										2430	2330	2380
2										2390	2270	2340
3										2310	1870	2110
4										2230	1980	2050
5										2000	1840	1930
6										1970	1740	1840
7										2140	1860	1950
8										1880	1810	1840
9										1830	1770	1800
10										1810	1780	1790
11										1880	1810	1860
12										1940	1840	1900
13										1960	1940	1960
14										1960	1860	1910
15										1890	1810	1840
16										1860	1780	1830
17										1850	1830	1840
18										1840	1760	1810
19										1820	1700	1770
20										1840	1800	1820
21							3370	3180	3330	1840	1810	1840
22							3400	2840	3120	1860	1810	1840
23							3120	2980	3040	1880	1840	1870
24							3100	2830	2920	1840	1540	1710
25							2890	2760	2830	1850	1600	1790
26							2790	2280	2510	1850	1680	1750
27							2590	2140	2390	1810	1760	1780
28							2170	2070	2130	1770	1650	1720
29							2420	2010	2180	1800	1640	1720
30							2480	2410	2460	1810	1760	1780
31							2480	2420	2460	1810	1740	1770
MONTH							---	---	---	2430	1540	1880

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1780	1620	1760	1790	1270	1400	1840	1680	1740	1590	1330	1440
2	1620	1490	1560	1790	1230	1350	1780	1680	1720	1420	1090	1220
3	1600	1470	1540	1430	1170	1290	1920	1770	1840	1350	1110	1260
4	1650	1580	1620	1480	1170	1400	2010	1850	1950	1350	1220	1270
5	1660	1620	1640	1400	1370	1380	2000	1840	1900	1350	1310	1320
6	1670	1620	1650	1400	1090	1240	1900	1730	1810	1370	1340	1360
7	1730	1620	1690	1180	1100	1150	1780	1740	1750	1370	1320	1350
8	1710	1510	1590	1180	1010	1110	1910	1780	1820	1360	1320	1340
9	1540	1480	1510	1160	1030	1090	1800	1670	1730	1360	1330	1350
10	1520	1420	1480	1260	1000	1140	1760	1690	1730	1430	1340	1370
11	1520	1400	1430	1040	991	1030	1780	1730	1750	1460	1430	1440
12	1410	1380	1400	1130	989	1040	1780	1700	1740	1530	1450	1490
13	1420	1380	1400	1110	1010	1060	1780	1740	1760	1680	1460	1580
14	1450	1410	1420	1180	1070	1110	1770	1650	1740	1840	1500	1690
15	1490	1410	1440	1180	1120	1150	1710	1670	1690	2170	1780	1920
16	1440	1320	1380	1630	1130	1380	1740	1680	1710	2230	2160	2210
17	1350	1240	1300	2030	1180	1470	1720	1690	1710	2330	2180	2260
18	1370	1260	1310	2170	1470	1860	1740	1720	1730	2540	2130	2350
19	1480	1370	1430	1860	1510	1640	1750	1740	1750	2530	2270	2490
20	1910	1290	1470	1780	1530	1670	1750	1570	1680	2520	2070	2360
21	1960	1690	1860	2250	1620	1980	1570	1530	1540	2310	2200	2250
22	1930	1360	1810	2180	1890	1980	1540	1510	1520	2470	2300	2360
23	1380	1140	1250	2120	1700	1940	1550	1530	1540	2570	2470	2510
24	1220	1140	1180	1860	1810	1840	1540	1520	1530	2590	2550	2570
25	1240	1180	1210	2100	1830	1980	1530	1520	1520	2550	2160	2360
26	1320	1170	1210	2140	1850	2010	1540	1520	1530	2300	2220	2260
27	1500	1100	1280	1850	1620	1670	1530	1520	1530	2360	2290	2320
28	1280	1100	1230	1670	1590	1620	1580	1530	1560	2410	2360	2390
29	---	---	---	1680	1600	1610	1610	1580	1590	2420	2410	2410
30	---	---	---	1800	1600	1700	1650	1590	1630	2460	2340	2410
31	---	---	---	1860	1800	1830	---	---	---	2500	2340	2410
MONTH	1960	1100	1470	2250	989	1490	2010	1510	1690	2590	1090	1910

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2500	2290	2390	2320	2250	2280	2210	2200	2200	---	---	---
2	2480	2250	2340	2370	2320	2350	2220	2210	2210	---	---	---
3	2340	2260	2300	2370	2360	2370	2240	2210	2230	1930	1860	1900
4	2370	2170	2250	2370	2330	2360	---	---	---	2040	1850	1910
5	2410	2220	2290	2330	2300	2310	---	---	---	1970	1870	1910
6	2400	2150	2280	2320	2300	2310	---	---	---	2030	1890	1920
7	2370	2330	2360	2350	2260	2320	2160	2040	2120	2310	1850	1980
8	2380	2360	2370	2350	2280	2330	2120	2110	2110	---	---	---
9	2410	2330	2390	2340	2300	2330	2140	2090	2120	---	---	---
10	2330	2140	2260	2340	2270	2320	2180	2130	2150	---	---	---
11	2210	2050	2140	2330	2240	2300	2190	2160	2180	2260	1770	1920
12	2180	2060	2120	2310	2290	2300	2220	2130	2160	2390	1910	2200
13	2260	2180	2240	2290	2280	2280	2170	2110	2140	2670	2390	2520
14	2270	2210	2250	2290	2280	2290	2140	2100	2120	2710	2610	2670
15	2290	2210	2260	2310	2290	2300	2200	2100	2150	2650	2530	2570
16	2490	2270	2350	2330	2290	2320	2270	2170	2210	2620	2520	2580
17	2420	2320	2370	2320	2280	2300	2270	2180	2200	2640	2440	2560
18	2430	2260	2390	2290	2260	2280	2200	2140	2180	2650	2460	2570
19	2340	2140	2220	2300	2240	2270	2180	2080	2150	---	---	---
20	2220	2120	2150	2300	2230	2270	2080	1850	1960	---	---	---
21	2330	2220	2280	2290	2230	2260	1860	1760	1800	---	---	---
22	2380	2320	2350	2300	2230	2270	---	---	---	---	---	---
23	2380	2230	2320	2320	2270	2300	---	---	---	---	---	---
24	2340	2220	2290	2320	2260	2300	1820	1730	1780	---	---	---
25	2290	2190	2220	2300	2250	2280	1850	1810	1830	---	---	---
26	2270	2190	2220	2300	2220	2280	1860	1820	1860	---	---	---
27	2280	2190	2240	2300	2220	2280	1990	1800	1860	---	---	---
28	2300	2200	2260	2270	2160	2250	1900	1810	1840	---	---	---
29	2320	2290	2300	2250	2240	2250	1850	1780	1820	---	---	---
30	2320	2250	2290	2240	2190	2220	1840	1740	1790	---	---	---
31	---	---	---	2210	2170	2190	---	---	---	---	---	---
MONTH	2500	2050	2280	2370	2160	2290	---	---	---	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.7	22.8	23.3	20.7	19.8	20.2	15.5	14.7	15.1	---	---	---
2	25.0	22.7	23.4	20.1	18.0	19.2	15.8	14.9	15.3	---	---	---
3	24.9	23.4	24.3	18.0	17.2	17.5	16.6	15.5	16.1	---	---	---
4	25.3	24.8	25.0	17.5	16.7	17.1	17.2	16.6	17.0	---	---	---
5	24.9	24.2	24.6	18.3	17.0	17.6	17.6	16.6	17.2	---	---	---
6	24.3	23.0	23.7	18.5	17.4	18.0	16.6	15.4	16.0	14.0	13.0	13.5
7	24.7	23.7	24.1	18.8	17.6	18.3	15.4	14.8	15.0	14.1	13.2	13.7
8	24.8	24.4	24.6	19.0	18.3	18.6	15.2	14.6	14.9	14.5	13.5	14.0
9	24.8	24.4	24.7	19.5	18.7	19.1	16.2	15.2	15.7	15.6	14.5	15.0
10	24.8	24.5	24.6	20.5	19.2	19.7	16.2	15.7	15.9	17.0	15.6	16.2
11	25.5	24.5	25.0	21.3	20.0	20.7	16.0	15.3	15.7	17.8	16.4	16.8
12	25.7	25.0	25.2	20.9	20.2	20.5	16.9	15.9	16.4	18.4	17.0	17.7
13	27.2	24.8	25.7	20.8	19.9	20.3	16.9	16.4	16.7	19.2	18.1	18.5
14	26.7	25.5	26.0	21.1	20.1	20.5	16.6	16.0	16.3	18.2	15.8	16.7
15	26.6	25.8	26.2	20.5	19.7	20.2	16.3	15.1	15.9	15.8	15.0	15.4
16	27.5	25.7	26.3	19.7	18.7	19.1	---	---	---	16.4	15.1	15.6
17	27.0	26.1	26.6	18.8	18.1	18.4	---	---	---	16.9	16.0	16.4
18	26.4	25.2	25.6	18.5	17.8	18.2	---	---	---	17.5	16.7	17.1
19	25.4	24.0	24.7	18.5	17.9	18.2	---	---	---	18.4	17.3	17.8
20	24.0	21.7	22.7	19.3	18.2	18.6	---	---	---	18.3	16.5	17.7
21	21.7	20.5	21.1	19.6	18.8	19.1	---	---	---	16.5	15.1	15.4
22	21.5	20.1	20.6	20.5	19.4	19.8	---	---	---	15.4	14.6	15.0
23	20.8	20.0	20.5	20.7	19.9	20.3	---	---	---	15.8	15.3	15.5
24	20.0	18.4	18.9	20.9	20.3	20.6	---	---	---	15.7	13.2	14.6
25	19.2	17.8	18.4	20.6	19.0	19.9	---	---	---	13.2	11.7	12.5
26	19.4	17.6	18.5	19.0	17.7	18.2	---	---	---	11.7	10.5	11.0
27	19.2	18.1	18.6	17.7	17.1	17.4	---	---	---	10.6	9.7	9.9
28	19.3	18.2	18.8	17.7	16.7	17.2	---	---	---	10.1	9.6	9.9
29	20.0	19.1	19.6	17.5	16.7	17.1	---	---	---	9.9	9.5	9.8
30	20.1	19.6	19.9	16.9	15.3	15.9	---	---	---	9.7	9.0	9.4
31	20.6	20.0	20.2	---	---	---	---	---	---	9.6	8.8	9.3
MONTH	27.5	17.6	22.9	21.3	15.3	18.9	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.6	9.1	9.4	21.6	19.8	20.5	23.4	22.8	23.1	25.0	24.0	24.5
2	10.4	9.4	9.9	21.8	20.7	21.1	24.2	23.0	23.4	25.2	24.1	24.6
3	11.4	10.1	10.6	22.1	20.9	21.4	23.9	22.9	23.6	25.2	24.4	24.8
4	11.6	10.6	11.1	22.0	20.2	20.9	22.9	20.8	21.7	25.8	24.4	25.0
5	11.3	10.1	10.7	21.1	19.2	20.0	21.4	20.0	20.7	26.2	25.0	25.5
6	12.6	10.2	11.0	21.0	19.6	20.3	21.3	20.2	20.7	26.9	25.3	26.0
7	11.1	10.6	10.8	20.9	20.1	20.5	22.0	20.6	21.2	27.5	26.1	26.7
8	13.0	10.9	11.7	21.7	20.4	21.1	22.0	19.5	21.2	27.4	26.2	26.8
9	13.1	12.0	12.4	23.1	21.4	22.1	19.6	18.2	18.9	27.9	26.3	27.1
10	14.6	12.6	13.5	23.7	22.4	23.0	19.5	18.2	18.8	28.6	27.1	27.7
11	15.2	14.3	14.7	23.5	21.4	23.0	20.5	19.1	19.8	28.5	27.5	28.0
12	16.6	15.0	15.6	21.4	19.5	20.2	21.8	20.2	21.0	28.5	27.5	28.0
13	17.7	16.6	17.2	20.6	18.9	19.6	22.7	21.4	21.8	29.5	27.9	28.4
14	19.9	17.2	18.1	19.5	19.0	19.3	21.9	21.3	21.6	28.4	27.3	27.8
15	19.5	18.5	19.0	19.3	18.9	19.0	22.7	21.1	21.6	27.3	26.0	26.6
16	20.8	19.5	20.0	21.3	19.0	19.9	23.3	21.5	22.1	26.8	26.0	26.3
17	21.3	20.1	20.8	21.0	19.8	20.4	24.7	22.6	23.5	27.1	26.1	26.6
18	21.8	20.9	21.4	20.6	19.6	20.2	25.8	23.8	24.5	27.5	26.2	26.8
19	21.7	20.6	21.5	19.8	18.9	19.5	25.8	24.4	25.1	28.2	26.8	27.4
20	20.6	19.3	19.8	20.4	18.2	18.9	26.0	24.8	25.3	28.5	27.6	28.0
21	19.6	18.6	19.1	19.8	18.5	19.2	25.7	24.7	25.2	28.4	27.5	27.8
22	19.0	18.1	18.5	21.1	19.1	20.0	25.4	23.6	24.3	28.7	27.1	27.6
23	19.0	18.0	18.5	21.8	20.4	21.0	24.1	23.5	23.8	28.7	27.3	28.0
24	19.9	18.8	19.3	22.2	21.0	21.5	24.7	23.5	24.0	29.2	27.5	28.4
25	20.6	19.5	20.0	23.4	21.7	22.4	24.0	23.0	23.5	30.0	28.5	29.2
26	21.0	20.2	20.7	23.8	22.5	22.9	25.0	22.9	23.7	29.6	28.7	29.2
27	20.7	19.8	20.3	23.3	22.3	22.8	25.0	23.4	24.0	29.9	28.7	29.2
28	20.1	19.1	19.6	23.1	21.9	22.6	25.1	23.6	24.4	30.1	28.8	29.4
29	20.1	19.0	19.5	23.6	22.6	23.1	25.5	23.8	24.5	31.1	29.1	29.8
30	---	---	---	24.7	23.3	23.9	25.3	24.2	24.7	30.4	29.0	29.5
31	---	---	---	24.0	22.7	23.4	---	---	---	29.4	28.5	28.9
MONTH	21.8	9.1	16.4	24.7	18.2	21.1	26.0	18.2	22.7	31.1	24.0	27.4

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	29.5	28.8	29.1	29.7	29.1	29.4	32.0	30.5	31.2
2	---	---	---	29.2	28.4	28.9	30.2	29.0	29.5	31.7	29.9	30.7
3	---	---	---	30.1	28.6	29.3	29.6	28.9	29.2	31.6	30.5	30.9
4	---	---	---	30.2	29.2	29.7	30.7	28.7	29.3	31.9	30.9	31.2
5	---	---	---	30.7	29.1	29.7	31.1	29.3	29.9	31.9	30.9	31.3
6	---	---	---	31.1	29.6	30.3	31.2	29.9	30.5	31.1	28.8	30.1
7	---	---	---	31.5	30.0	30.6	31.3	30.3	30.7	28.8	27.9	28.4
8	---	---	---	31.4	30.6	31.0	31.1	30.2	30.7	28.4	27.4	27.9
9	28.7	27.6	28.1	31.6	30.7	31.1	32.0	30.2	30.7	27.7	27.1	27.4
10	28.9	27.8	28.4	32.9	30.8	31.4	31.4	30.2	30.9	28.7	27.2	27.7
11	29.1	28.1	28.6	32.7	31.0	31.8	30.8	29.6	30.0	28.7	27.6	28.2
12	29.3	28.4	28.8	32.2	31.1	31.6	31.6	30.2	30.8	29.4	28.3	28.8
13	29.4	28.4	28.9	32.4	30.6	31.3	31.8	30.4	31.0	29.2	28.6	28.8
14	29.1	28.4	28.8	32.1	30.8	31.4	31.5	30.6	31.1	29.8	28.5	29.0
15	29.5	28.4	28.9	33.2	31.0	31.8	32.0	30.6	31.1	30.1	28.8	29.4
16	29.0	28.0	28.6	34.0	31.5	32.3	31.9	30.7	31.3	29.5	27.4	28.3
17	28.8	27.7	28.2	32.7	31.7	32.2	32.4	30.5	31.2	27.4	26.0	26.6
18	29.2	28.2	28.7	32.7	31.5	32.0	32.7	31.1	31.8	26.8	25.9	26.3
19	29.9	28.7	29.2	31.9	31.0	31.3	33.0	31.3	31.9	26.7	26.0	26.4
20	29.9	28.9	29.4	32.6	30.5	31.3	31.9	31.0	31.5	27.7	26.3	27.0
21	30.7	29.1	29.8	32.0	30.9	31.4	31.4	30.5	30.9	27.6	27.3	27.5
22	31.5	29.7	30.4	32.7	30.8	31.3	31.1	30.0	30.6	27.9	27.2	27.4
23	31.4	30.1	30.5	31.4	29.5	30.2	31.0	29.5	29.9	28.9	27.4	28.0
24	31.4	30.3	30.7	30.5	28.9	29.6	30.1	29.5	29.8	29.1	28.0	28.4
25	31.5	30.1	30.7	30.6	28.9	29.4	30.5	29.6	29.9	28.9	27.1	28.5
26	30.9	30.0	30.4	30.7	29.2	29.9	31.6	29.8	30.4	27.1	24.1	25.3
27	30.5	29.7	30.1	31.2	29.7	30.3	31.4	30.2	30.7	24.3	23.2	23.8
28	30.4	29.5	30.0	31.6	29.9	30.5	32.0	30.5	31.1	24.2	23.4	23.8
29	30.2	29.4	29.8	31.5	30.2	30.9	31.9	30.8	31.3	24.2	23.1	23.6
30	29.9	29.3	29.6	30.8	30.0	30.4	31.9	30.7	31.3	24.2	23.1	23.6
31	---	---	---	30.1	29.4	29.8	32.2	31.1	31.4	---	---	---
MONTH	---	---	---	34.0	28.4	30.7	33.0	28.7	30.6	32.0	23.1	27.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.9	23.7	24.3	25.2	24.5	24.8	14.8	14.3	14.6	6.8	6.4	6.6
2	25.7	24.4	24.9	24.8	24.5	24.6	14.8	13.7	14.6	6.4	5.5	5.8
3	26.0	24.9	25.4	24.6	24.2	24.4	13.7	12.1	12.8	5.5	4.9	5.1
4	26.5	25.3	25.9	24.6	23.2	23.9	12.1	11.4	11.6	5.4	4.3	4.9
5	---	---	---	26.2	23.6	24.6	11.8	11.0	11.4	7.2	5.2	5.9
6	---	---	---	---	---	---	11.5	10.1	11.2	6.8	5.8	6.1
7	26.1	23.2	24.9	---	---	---	11.8	11.1	11.4	8.0	6.5	7.3
8	23.2	17.9	20.4	---	---	---	12.1	11.6	11.8	8.5	7.8	8.2
9	17.9	15.2	16.4	---	---	---	13.3	11.9	12.3	8.8	7.9	8.3
10	16.0	14.8	15.3	---	---	---	13.6	12.5	12.9	8.5	7.8	8.2
11	16.4	15.0	15.7	---	---	---	15.4	13.4	14.3	9.3	8.2	8.7
12	17.2	15.8	16.4	---	---	---	14.9	13.1	14.0	9.3	9.0	9.1
13	18.0	16.6	17.2	---	---	---	13.9	12.7	13.3	9.4	8.8	9.1
14	18.8	17.5	17.9	---	---	---	14.1	13.4	13.8	10.0	9.1	9.5
15	19.4	18.2	18.7	16.2	15.3	15.7	13.4	12.9	13.1	10.3	9.6	10.0
16	20.1	19.0	19.4	15.9	15.3	15.6	14.6	13.3	14.0	10.4	10.2	10.4
17	---	---	---	15.9	14.9	15.6	14.1	12.0	12.7	11.3	10.2	10.7
18	---	---	---	14.9	12.9	13.9	12.0	11.4	11.7	12.4	11.0	11.6
19	---	---	---	12.9	12.2	12.5	11.8	9.6	10.7	12.2	11.0	11.8
20	22.8	22.2	22.4	12.5	11.6	12.1	9.7	9.1	9.4	11.1	10.0	10.5
21	23.2	22.3	22.8	12.0	11.4	11.8	9.5	9.0	9.3	10.6	9.4	9.8
22	23.5	22.7	23.1	12.2	11.0	11.5	9.0	8.0	8.4	---	---	---
23	24.2	23.1	23.6	12.8	12.0	12.4	8.9	7.5	8.1	---	---	---
24	23.9	23.2	23.5	13.6	12.7	13.2	9.1	8.0	8.5	---	---	---
25	23.8	22.8	23.3	13.9	13.5	13.7	8.9	8.1	8.5	---	---	---
26	24.2	23.1	23.5	14.6	13.4	14.1	9.9	8.3	9.1	---	---	---
27	24.2	23.4	23.7	15.2	14.1	14.5	10.3	9.8	10.0	---	---	---
28	24.3	23.5	23.9	14.9	14.1	14.5	10.3	9.4	10.0	---	---	---
29	24.4	23.7	24.0	14.9	14.2	14.5	9.4	8.6	8.9	---	---	---
30	24.9	24.1	24.4	15.1	14.4	14.7	8.6	7.3	7.9	---	---	---
31	25.1	24.1	24.6	---	---	---	7.3	6.5	6.8	14.5	14.1	14.2
MONTH	---	---	---	---	---	---	15.4	6.5	11.2	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.1	13.2	13.7	21.1	20.5	20.7	19.2	17.4	18.3	24.0	22.9	23.5
2	13.2	12.2	12.6	21.8	20.9	21.3	19.0	18.7	18.8	24.6	23.3	23.9
3	12.2	11.4	11.7	21.8	21.0	21.6	21.6	18.8	19.8	24.9	23.7	24.3
4	12.2	11.0	11.6	21.0	19.3	20.1	22.6	21.5	22.0	25.1	24.1	24.6
5	---	---	---	19.3	18.4	18.9	24.0	22.3	22.9	24.9	24.4	24.6
6	---	---	---	18.6	17.8	18.1	24.1	23.1	23.6	25.3	24.0	24.7
7	---	---	---	19.2	16.8	17.8	24.8	23.6	24.2	25.9	24.6	25.1
8	---	---	---	19.1	17.1	17.7	25.4	24.5	24.9	25.5	25.0	25.3
9	---	---	---	18.0	17.2	17.6	26.0	24.8	25.4	25.9	24.8	25.4
10	---	---	---	17.6	16.4	16.8	26.5	25.3	25.8	26.2	25.1	25.6
11	---	---	---	17.5	16.2	16.9	25.8	25.3	25.6	26.1	25.2	25.6
12	---	---	---	18.2	17.5	17.9	26.3	25.3	25.8	27.6	25.4	25.8
13	---	---	---	19.8	18.1	18.9	27.1	25.8	26.4	28.2	25.7	26.3
14	---	---	---	19.5	18.4	19.1	27.9	26.4	27.1	27.9	26.1	26.7
15	---	---	---	20.5	18.1	18.9	27.9	26.9	27.4	28.5	26.4	27.1
16	---	---	---	20.0	18.4	19.1	27.8	26.6	27.1	28.4	26.5	27.3
17	19.4	16.4	17.9	18.8	16.8	17.8	27.0	23.8	25.6	28.1	26.6	27.3
18	16.4	15.3	15.8	16.8	15.9	16.4	23.8	21.4	22.1	27.5	26.9	27.2
19	17.4	15.1	15.8	17.0	16.0	16.5	21.8	20.8	21.3	28.0	26.6	27.3
20	17.3	15.5	16.1	16.5	15.2	15.7	22.4	20.9	21.6	28.3	27.0	27.7
21	18.9	16.9	17.3	15.9	14.6	15.3	23.3	21.9	22.5	28.1	27.2	27.6
22	19.4	18.1	18.6	17.9	15.2	16.1	23.6	22.5	23.0	27.7	26.3	27.0
23	18.5	17.3	17.6	19.4	16.1	17.0	23.5	22.9	23.3	27.8	25.4	26.1
24	20.1	17.3	18.3	19.2	17.1	18.1	23.4	22.6	23.2	27.1	25.0	25.9
25	19.7	19.2	19.4	18.5	17.8	18.2	22.6	21.7	22.2	27.2	25.7	26.3
26	19.8	19.2	19.4	17.8	16.6	17.2	22.8	21.2	21.9	28.0	26.2	26.7
27	20.5	19.1	19.8	17.3	16.3	16.8	23.3	21.4	22.2	28.1	26.3	27.1
28	21.0	20.2	20.5	16.5	14.9	15.6	23.1	22.0	22.6	28.1	26.9	27.5
29	---	---	---	16.1	14.9	15.2	23.4	22.3	22.8	29.0	27.5	28.1
30	---	---	---	17.2	15.5	16.3	23.6	22.5	23.1	29.5	27.9	28.7
31	---	---	---	19.1	16.4	17.4	---	---	---	29.3	28.5	28.8
MONTH	---	---	---	21.8	14.6	17.8	27.9	17.4	23.4	29.5	22.9	26.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.1	28.1	28.6	---	---	---						
2	30.0	28.2	29.0	---	---	---						
3	29.9	28.8	29.3	29.8	28.6	29.1						
4	29.8	28.8	29.3	30.6	28.9	29.6						
5	29.5	28.3	28.9	30.0	29.1	29.5						
6	28.3	26.8	27.5	30.4	29.0	29.4						
7	27.1	26.5	26.8	31.9	29.3	30.0						
8	26.7	26.2	26.4	31.2	29.9	30.3						
9	26.2	25.7	25.9	32.0	30.1	30.7						
10	25.7	25.0	25.3	31.9	30.3	30.9						
11	26.9	24.7	25.3	31.2	30.0	30.6						
12	27.3	25.6	26.2	30.2	29.6	29.9						
13	28.6	26.9	27.7	30.1	28.9	29.4						
14	29.2	28.4	28.7	30.3	28.7	29.5						
15	29.9	28.2	28.9	30.6	28.8	29.4						
16	31.8	28.6	29.6	30.5	29.4	30.0						
17	30.2	28.9	29.6	31.3	29.5	30.3						
18	29.8	29.2	29.5	31.5	29.8	30.3						
19	30.1	28.8	29.4	32.6	29.8	30.7						
20	30.3	29.0	29.5									
21	31.0	29.3	29.7									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MONTH	---	---	---	---	---	---						

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1										10.2	8.4	9.4
2										8.4	7.2	7.8
3										7.2	6.1	6.7
4										6.5	5.7	6.1
5										7.3	6.0	6.7
6										7.9	7.3	7.6
7										8.0	7.1	7.5
8										8.5	7.1	7.6
9										9.7	7.4	8.3
10										10.0	8.6	9.2
11										10.5	9.8	10
12										11.0	10.4	10.7
13										11.3	10.7	11.0
14										11.4	11.0	11.2
15										11.5	10.7	11.1
16										12.4	10.9	11.4
17										12.8	11.3	12.0
18										13.8	12.3	12.6
19										14.4	13.3	13.8
20										13.5	12.9	13.1
21							16.1	15.5	15.8	13.9	12.9	13.4
22							16.6	15.5	16.0	15.0	13.6	14.2
23							16.7	15.8	16.5	16.6	15.0	15.9
24							15.8	14.5	15.1	18.2	16.6	17.4
25							14.5	13.0	13.8	18.1	16.7	17.4
26							13.0	12.1	12.7	17.1	16.0	16.5
27							12.1	11.4	11.7	16.6	15.9	16.2
28							11.9	11.2	11.5	17.5	16.1	16.6
29							12.3	11.4	11.8	18.4	17.2	17.8
30							12.0	11.3	11.6	19.3	18.2	18.7
31							11.5	10.2	10.8	20.4	19.3	19.9
MONTH							---	---	---	20.4	5.7	12.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	20.4	17.4	18.9	12.0	11.3	11.5	21.9	20.8	21.2	27.9	27.1	27.5
2	17.4	16.1	16.5	12.3	11.6	11.9	22.0	20.5	21.3	28.2	27.1	27.6
3	16.1	15.6	15.8	12.3	9.6	11.1	22.9	21.9	22.3	28.4	27.4	27.9
4	15.6	14.6	15.0	9.8	8.1	8.9	22.1	20.0	21.0	29.1	27.5	28.2
5	14.6	12.6	13.6	10.4	8.4	9.2	20.1	19.2	19.7	30.6	28.2	28.8
6	12.6	12.0	12.4	11.0	9.1	10.1	19.5	18.5	19.0	29.4	28.4	28.9
7	12.0	10.7	11.3	12.3	10.7	11.5	19.6	18.4	19.1	29.6	28.3	29.0
8	11.4	10.3	10.7	14.0	12.2	13.1	20.6	19.6	20.0	29.4	28.4	28.9
9	12.0	10.5	11.2	16.0	14.0	14.6	20.6	19.6	20.0	29.0	28.3	28.7
10	12.9	11.7	12.2	14.8	13.6	14.1	21.8	20.0	20.6	29.8	28.1	28.7
11	12.3	11.5	11.9	14.6	13.5	14.1	21.6	21.1	21.4	29.2	28.3	28.8
12	12.8	11.4	12.0	15.9	14.5	15.2	22.2	21.1	21.6	29.2	28.2	28.7
13	12.9	12.1	12.4	16.3	14.9	15.4	22.5	21.6	22.0	28.8	27.2	28.4
14	12.9	11.9	12.4	16.3	15.0	15.7	23.3	21.9	22.3	27.2	25.1	25.7
15	13.0	12.4	12.7	18.2	16.3	17.2	23.6	22.4	22.8	25.9	24.7	25.3
16	13.8	12.8	13.3	20.6	18.2	19.5	24.3	23.0	23.6	26.4	25.0	25.7
17	15.1	13.1	13.7	22.4	19.9	21.0	25.3	23.9	24.6	26.9	26.1	26.5
18	15.0	13.8	14.4	23.2	21.5	22.4	26.9	24.9	25.6	26.5	23.6	25.3
19	16.4	14.7	15.5	23.0	22.3	22.7	27.6	25.8	26.6	23.6	21.9	22.5
20	18.1	16.2	16.9	23.4	22.7	23.1	27.9	26.5	27.1	23.1	21.1	21.8
21	19.8	17.4	18.1	23.1	21.2	22.4	27.9	26.6	27.2	23.3	21.4	22.1
22	18.2	15.4	17.0	21.2	18.5	19.5	28.1	26.8	27.3	23.2	21.9	22.5
23	15.4	14.1	14.6	19.6	17.3	18.2	27.5	26.6	27.0	23.8	22.3	23.0
24	15.2	14.0	14.6	18.8	17.5	18.1	28.0	26.6	27.2	24.4	23.0	23.6
25	15.9	14.6	15.3	19.9	18.3	19.1	27.6	26.8	27.2	25.4	23.9	24.6
26	15.8	14.0	15.4	20.5	19.4	20.1	27.4	26.4	27.0	26.3	24.5	25.2
27	14.0	12.1	12.8	19.4	18.1	18.9	27.6	26.7	27.1	27.8	25.3	26.1
28	12.4	11.0	11.6	19.9	18.6	19.3	28.0	26.8	27.4	27.7	26.2	26.8
29	---	---	---	20.7	19.7	20.2	29.1	27.1	27.7	28.0	26.7	27.3
30	---	---	---	21.9	20.7	21.2	28.5	27.4	27.9	28.4	26.9	27.5
31	---	---	---	22.4	21.7	22.0	---	---	---	28.4	27.2	27.8
MONTH	20.4	10.3	14.0	23.4	8.1	16.8	29.1	18.4	23.8	30.6	21.1	26.4

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	27.6	28.1	30.2	29.6	29.9	30.0	29.5	29.7	---	---	---
2	30.1	28.1	28.7	30.4	29.5	30.0	30.7	29.2	29.9	---	---	---
3	30.1	28.5	29.1	31.1	29.8	30.2	30.3	29.2	29.8	29.1	28.7	28.9
4	30.7	29.0	29.6	31.4	30.2	30.6	---	---	---	28.7	28.1	28.4
5	30.0	29.2	29.6	31.1	30.2	30.6	---	---	---	28.4	27.9	28.1
6	30.1	29.1	29.6	31.3	30.1	30.7	29.5	29.0	29.2	---	---	---
7	30.0	29.4	29.7	31.6	30.5	31.0	30.6	28.8	29.5	27.8	27.2	27.4
8	30.0	29.3	29.7	31.2	30.5	30.8	30.3	29.7	30.0	---	---	---
9	30.2	29.4	29.7	31.0	30.1	30.5	29.9	29.3	29.6	---	---	---
10	29.6	28.9	29.3	31.0	30.0	30.5	29.4	28.6	29.1	28.1	27.2	27.8
11	29.8	28.8	29.3	31.8	30.2	30.8	29.1	28.3	28.7	28.3	27.5	27.7
12	31.0	29.0	29.8	31.4	30.4	30.8	28.4	28.0	28.1	28.9	27.8	28.3
13	31.2	29.7	30.1	30.6	30.0	30.3	28.4	27.6	28.0	29.1	28.4	28.8
14	30.7	29.8	30.2	30.3	29.6	29.9	28.2	27.9	28.0	29.6	28.4	28.9
15	30.3	29.1	29.7	31.2	29.4	30.1	28.9	27.7	28.2	29.7	28.9	29.2
16	29.5	28.6	29.0	31.5	29.9	30.6	29.1	28.5	28.8	30.4	29.0	29.3
17	29.0	28.1	28.6	32.5	30.5	31.0	29.4	28.7	29.1	29.5	29.0	29.2
18	28.9	28.1	28.5	33.0	31.2	31.8	30.0	29.0	29.5	29.9	28.7	29.2
19	29.2	28.0	28.6	32.8	31.0	31.7	30.5	29.5	30.0	---	---	---
20	29.3	28.5	28.9	33.1	31.3	32.0	31.0	29.8	30.1	---	---	---
21	29.5	28.4	28.9	32.7	31.5	32.0	31.0	30.0	30.3	---	---	---
22	29.1	27.9	28.4	31.9	30.9	31.4	---	---	---	---	---	---
23	27.9	27.3	27.5	32.0	30.4	31.0	---	---	---	---	---	---
24	28.3	27.0	27.7	32.2	30.7	31.3	---	---	---	---	---	---
25	28.7	27.7	28.2	31.4	30.7	31.0	31.6	30.1	30.8	---	---	---
26	28.4	27.9	28.1	30.7	30.2	30.5	31.7	30.5	31.0	---	---	---
27	28.3	27.6	27.9	31.7	30.0	30.7	31.8	30.4	31.0	---	---	---
28	28.8	27.6	28.2	32.1	30.3	30.9	31.5	30.6	31.0	---	---	---
29	29.9	28.2	29.0	31.1	30.6	30.8	30.9	30.1	30.4	---	---	---
30	30.6	28.9	29.7	30.8	29.9	30.2	30.6	29.6	30.1	---	---	---
31	---	---	---	30.3	29.5	29.8	---	---	---	---	---	---
MONTH	31.2	27.0	29.0	33.1	29.4	30.8	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.2	7.8	8.0	8.2	7.7	8.0	8.0	7.3	7.8	---	---	---
2	8.3	7.6	7.9	8.2	8.1	8.1	8.0	7.5	7.8	---	---	---
3	8.1	7.3	7.9	8.2	7.6	8.0	8.0	7.6	7.9	---	---	---
4	8.1	7.6	8.0	8.0	7.5	7.8	7.9	7.3	7.8	---	---	---
5	8.2	7.9	8.1	8.1	7.8	7.9	7.9	7.3	7.7	---	---	---
6	8.3	8.1	8.2	8.3	7.5	8.0	8.0	7.6	7.9	8.1	7.8	8.0
7	8.2	8.0	8.2	8.3	7.3	7.9	7.9	7.2	7.6	8.3	7.4	8.0
8	8.0	7.8	7.9	8.2	7.3	7.7	8.0	7.3	7.8	8.3	7.3	8.0
9	8.0	7.5	7.9	8.2	7.5	7.9	8.0	7.3	7.8	8.4	7.9	8.2
10	8.0	7.5	7.8	8.0	7.4	7.8	8.0	7.7	7.9	8.2	7.9	8.1
11	8.0	7.3	7.6	8.1	7.2	7.6	8.0	7.6	7.8	8.4	7.8	8.1
12	7.9	7.2	7.5	8.0	7.2	7.6	8.1	7.7	7.9	8.5	8.1	8.3
13	8.2	7.3	7.8	8.0	7.3	7.7	7.9	7.8	7.9	8.3	7.2	7.8
14	8.1	7.1	7.7	8.0	7.4	7.8	7.9	7.5	7.8	8.3	7.9	8.1
15	8.2	7.3	7.9	8.0	7.9	8.0	7.9	7.4	7.8	8.0	7.5	7.8
16	8.3	7.2	7.7	8.1	7.8	7.9	---	---	---	7.9	7.5	7.7
17	8.2	7.3	7.9	8.0	7.6	7.8	---	---	---	7.8	7.2	7.6
18	8.2	7.3	7.8	7.9	7.6	7.7	---	---	---	7.8	7.0	7.5
19	8.1	7.4	7.8	7.9	7.4	7.7	---	---	---	7.8	7.2	7.5
20	8.3	8.0	8.1	8.1	7.5	7.8	---	---	---	7.8	7.7	7.7
21	8.5	7.8	8.2	8.1	7.5	7.8	---	---	---	7.8	7.6	7.7
22	8.5	8.0	8.3	8.1	7.6	7.8	---	---	---	7.8	7.4	7.7
23	8.4	8.0	8.3	8.2	7.4	7.9	---	---	---	7.8	7.4	7.6
24	8.3	7.9	8.2	8.2	7.4	7.8	---	---	---	7.8	7.8	7.8
25	8.1	7.2	7.7	8.0	7.4	7.8	---	---	---	7.9	7.8	7.8
26	8.2	7.2	7.9	7.9	7.7	7.9	---	---	---	7.9	7.8	7.9
27	8.5	7.1	7.8	7.8	7.4	7.7	---	---	---	7.9	7.8	7.9
28	8.4	7.3	7.9	7.8	7.6	7.7	---	---	---	7.9	7.8	7.9
29	8.2	7.4	7.9	8.0	7.4	7.8	---	---	---	7.9	7.8	7.9
30	8.1	7.9	8.0	8.0	7.8	8.0	---	---	---	7.9	7.8	7.9
31	8.1	7.7	8.0	---	---	---	---	---	---	7.9	7.7	7.8
MONTH	8.5	7.1	7.9	8.3	7.2	7.8	---	---	---	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.7	8.1	8.3	8.1	8.0	8.1	8.0	7.8	7.9
2	---	---	---	8.7	8.3	8.5	8.2	7.9	8.0	8.0	7.7	7.8
3	---	---	---	8.5	8.3	8.4	8.0	7.8	7.9	7.9	7.7	7.8
4	---	---	---	8.4	8.0	8.1	7.9	7.8	7.9	8.0	7.7	7.9
5	---	---	---	8.6	8.1	8.3	7.9	7.8	7.9	7.9	7.8	7.9
6	---	---	---	8.6	8.4	8.5	8.1	7.8	8.0	8.0	7.8	7.9
7	---	---	---	8.5	8.2	8.4	8.3	7.9	8.0	8.0	7.8	7.9
8	---	---	---	8.4	8.1	8.3	8.3	7.9	8.0	8.0	7.8	7.9
9	8.7	7.2	8.0	8.3	7.9	8.1	8.1	7.9	8.0	8.1	7.8	7.9
10	8.6	8.4	8.5	8.3	8.0	8.1	8.1	7.9	8.0	8.0	7.6	7.8
11	8.6	8.2	8.4	8.3	8.1	8.2	8.2	8.0	8.1	8.0	7.7	7.9
12	8.5	7.6	8.2	8.2	8.0	8.1	8.2	8.0	8.1	7.9	7.7	7.8
13	8.3	7.6	8.1	8.3	8.0	8.1	8.2	8.0	8.1	8.1	7.5	7.8
14	8.1	7.7	7.9	8.1	8.0	8.1	8.1	7.9	8.0	8.1	7.7	7.9
15	7.9	7.6	7.8	8.0	7.8	8.0	8.2	7.8	7.9	8.2	7.7	7.9
16	8.1	7.7	7.9	8.1	7.8	7.9	8.1	7.8	8.0	8.0	7.7	7.8
17	8.5	7.7	8.1	8.0	7.9	7.9	8.1	7.9	8.0	7.9	7.8	7.8
18	8.3	7.7	8.1	7.9	7.8	7.9	8.1	7.8	7.9	7.8	7.6	7.7
19	8.1	7.9	8.1	7.9	7.8	7.9	8.0	7.8	7.9	8.0	7.5	7.8
20	8.1	7.6	7.9	8.1	7.9	7.9	7.9	7.8	7.9	7.9	7.7	7.8
21	8.1	7.6	7.8	8.1	7.8	8.0	7.8	7.6	7.7	7.9	7.6	7.7
22	7.9	7.6	7.7	8.5	8.0	8.2	8.2	7.7	7.9	8.0	7.6	7.8
23	7.9	7.5	7.8	8.4	8.3	8.4	8.0	7.8	7.9	7.8	7.7	7.8
24	8.0	7.5	7.7	8.3	8.2	8.3	7.9	7.7	7.8	7.8	7.6	7.7
25	7.9	7.5	7.8	8.3	7.9	8.1	7.9	7.8	7.8	8.0	7.6	7.8
26	8.0	7.3	7.8	8.2	8.0	8.1	8.3	7.6	7.9	7.9	7.7	7.7
27	7.9	7.7	7.8	8.0	7.8	7.9	8.4	8.0	8.1	7.9	7.7	7.8
28	7.9	7.6	7.8	8.0	7.7	7.9	8.2	8.0	8.1	7.9	7.5	7.7
29	8.2	7.5	7.8	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.4	7.7
30	---	---	---	8.3	7.9	8.1	8.0	7.8	7.9	8.0	7.4	7.6
31	---	---	---	8.3	8.0	8.2	---	---	---	7.7	7.4	7.5
MONTH	---	---	---	8.7	7.7	8.1	8.4	7.6	8.0	8.2	7.4	7.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.6	7.0	7.2	6.4	6.0	6.2	7.0	6.0	6.4
2	---	---	---	7.6	6.9	7.2	6.6	6.0	6.2	6.7	6.2	6.4
3	---	---	---	8.1	7.0	7.5	6.1	5.9	6.0	6.8	6.2	6.4
4	---	---	---	7.8	7.2	7.5	6.0	5.6	5.8	6.9	6.1	6.3
5	---	---	---	8.1	7.0	7.4	6.2	5.7	5.8	6.4	5.8	6.1
6	---	---	---	8.2	7.2	7.7	5.9	5.6	5.7	6.2	5.8	6.1
7	---	---	---	7.9	7.1	7.3	5.8	5.6	5.7	6.2	5.7	6.0
8	---	---	---	7.5	6.8	7.0	---	---	---	5.9	5.7	5.8
9	7.7	7.5	7.6	7.0	6.7	6.8	---	---	---	7.1	5.9	6.4
10	7.8	7.4	7.6	7.2	6.7	6.9	---	---	---	7.5	6.2	6.7
11	7.7	7.4	7.5	7.1	6.8	6.9	---	---	---	7.2	6.6	6.9
12	7.7	7.4	7.5	7.1	6.8	7.0	---	---	---	7.7	6.6	7.1
13	7.4	7.3	7.4	7.6	6.8	7.0	---	---	---	7.5	6.9	7.1
14	7.5	7.3	7.4	7.4	6.8	7.0	---	---	---	8.1	6.8	7.3
15	7.6	7.3	7.4	7.8	6.8	7.1	---	---	---	7.6	6.6	6.9
16	7.5	7.2	7.4	8.0	6.8	7.1	---	---	---	6.8	6.5	6.6
17	7.6	7.4	7.5	7.3	6.8	7.0	5.8	5.3	5.6	6.5	5.9	6.3
18	8.0	7.5	7.7	7.4	6.8	7.0	5.7	5.5	5.7	6.2	5.9	6.0
19	8.0	7.6	7.7	7.0	6.6	6.7	5.8	5.4	5.6	6.1	5.9	5.9
20	8.0	7.4	7.7	7.4	6.5	6.8	5.8	5.4	5.5	5.9	5.7	5.8
21	8.1	7.6	7.8	6.9	6.4	6.7	5.8	5.4	5.6	6.0	5.7	5.8
22	8.0	7.6	7.7	7.3	6.5	6.7	5.8	5.6	5.7	6.5	5.8	6.1
23	8.2	7.6	7.9	7.0	6.6	6.7	5.7	5.6	5.7	6.7	5.9	6.2
24	7.8	7.3	7.5	7.2	6.5	6.8	5.7	5.2	5.4	6.1	5.6	5.8
25	8.0	7.2	7.5	7.7	6.5	6.9	5.8	5.1	5.4	6.0	5.8	5.9
26	7.7	7.1	7.4	7.4	6.6	6.9	6.4	5.4	5.8	6.2	6.0	6.1
27	7.9	7.1	7.4	7.4	6.5	6.8	6.1	5.7	5.8	6.5	6.0	6.2
28	7.6	7.2	7.4	6.8	6.4	6.5	6.3	5.8	6.0	6.2	5.7	6.0
29	7.5	7.3	7.4	6.6	6.3	6.5	6.6	6.2	6.3	6.2	5.7	6.0
30	7.4	7.0	7.2	6.6	6.2	6.4	6.5	6.2	6.3	6.4	5.8	6.1
31	---	---	---	6.4	6.1	6.3	6.6	6.2	6.3	---	---	---
MONTH	---	---	---	8.2	6.1	6.9	---	---	---	8.1	5.6	6.3

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

PH, WATER, WHOLE FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.6	5.9	6.1	8.1	6.8	7.3	7.5	7.3	7.4	7.6	7.5	7.5
2	6.1	5.6	5.8	6.9	6.5	6.7	7.4	7.3	7.3	7.6	7.5	7.6
3	5.7	5.5	5.6	6.6	6.2	6.4	7.4	7.3	7.3	7.6	7.6	7.6
4	6.9	5.5	6.1	6.3	5.6	6.0	7.6	7.3	7.4	7.6	7.6	7.6
5	---	---	---	6.2	5.7	6.0	7.7	7.4	7.6	7.7	7.6	7.6
6	---	---	---	---	---	---	7.8	7.5	7.6	7.6	7.6	7.6
7	---	---	---	---	---	---	7.7	7.5	7.6	7.7	7.6	7.6
8	---	---	---	---	---	---	7.8	7.5	7.6	7.7	7.6	7.6
9	---	---	---	---	---	---	8.0	7.4	7.6	7.7	7.6	7.7
10	---	---	---	---	---	---	8.1	7.4	7.8	7.7	7.7	7.7
11	---	---	---	---	---	---	8.1	7.8	7.9	7.7	7.6	7.7
12	---	---	---	---	---	---	7.9	7.4	7.5	7.7	7.7	7.7
13	---	---	---	---	---	---	7.4	7.3	7.4	7.7	7.7	7.7
14	---	---	---	---	---	---	7.4	7.3	7.3	7.7	7.7	7.7
15	---	---	---	7.1	6.9	7.0	7.4	7.3	7.4	7.7	7.6	7.7
16	---	---	---	7.0	6.9	7.0	7.4	7.3	7.3	7.7	7.7	7.7
17	---	---	---	6.9	6.9	6.9	7.5	7.4	7.4	7.8	7.7	7.7
18	---	---	---	7.0	6.9	7.0	7.6	7.4	7.5	7.8	7.7	7.8
19	---	---	---	7.1	7.0	7.1	7.7	7.6	7.6	7.8	7.7	7.7
20	---	---	---	7.4	7.1	7.3	7.7	7.6	7.7	7.8	7.7	7.7
21	---	---	---	7.5	7.4	7.5	7.7	7.6	7.6	7.9	7.6	7.7
22	---	---	---	7.5	7.4	7.4	7.6	7.6	7.6	---	---	---
23	---	---	---	7.5	7.4	7.4	7.7	7.6	7.6	---	---	---
24	---	---	---	7.5	7.4	7.4	7.6	7.5	7.6	---	---	---
25	---	---	---	7.4	7.4	7.4	7.6	7.5	7.5	---	---	---
26	---	---	---	7.6	7.4	7.5	7.6	7.5	7.5	---	---	---
27	---	---	---	7.7	7.4	7.5	7.6	7.5	7.5	---	---	---
28	7.9	6.4	6.9	7.7	7.2	7.5	7.6	7.5	7.5	---	---	---
29	7.8	6.5	6.9	7.8	7.3	7.6	7.5	7.5	7.5	---	---	---
30	8.2	6.9	7.4	7.5	7.2	7.3	7.5	7.5	7.5	---	---	---
31	8.1	6.8	7.3	---	---	---	7.5	7.5	7.5	7.9	7.6	7.7
MONTH	---	---	---	---	---	---	8.1	7.3	7.5	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.9	7.7	7.8	7.5	7.3	7.5	7.7	7.6	7.6	7.9	7.6	7.7
2	8.0	7.7	7.8	7.6	7.4	7.5	7.6	7.5	7.6	8.2	7.7	8.0
3	8.4	7.8	8.0	7.6	7.5	7.6	8.0	7.6	7.7	8.2	7.8	8.0
4	8.2	7.8	8.1	7.7	7.6	7.7	8.1	7.8	8.0	8.1	7.5	7.8
5	---	---	---	7.7	7.6	7.7	8.2	7.8	8.0	8.0	7.6	7.8
6	---	---	---	7.7	7.6	7.7	8.0	7.8	7.9	8.1	7.7	7.9
7	---	---	---	7.8	7.7	7.7	7.9	7.8	7.9	8.4	7.8	8.1
8	---	---	---	7.9	7.7	7.8	7.8	7.6	7.7	8.3	7.8	8.1
9	---	---	---	7.8	7.8	7.8	8.0	7.7	7.8	8.5	7.6	8.0
10	---	---	---	7.9	7.8	7.8	8.0	7.6	7.8	8.8	7.5	8.1
11	---	---	---	7.8	7.8	7.8	7.8	7.7	7.8	9.1	8.3	8.8
12	---	---	---	7.8	7.8	7.8	7.8	7.8	7.8	9.2	8.9	9.0
13	---	---	---	7.8	7.7	7.7	7.9	7.8	7.8	9.1	8.8	9.0
14	---	---	---	7.8	7.6	7.7	7.8	7.7	7.8	8.8	8.4	8.5
15	---	---	---	7.8	7.6	7.7	7.9	7.6	7.7	8.5	8.0	8.3
16	---	---	---	7.8	7.6	7.7	8.0	7.5	7.7	8.4	7.9	8.2
17	7.6	7.6	7.6	7.8	7.7	7.7	7.9	7.8	7.9	8.3	7.8	8.1
18	7.7	7.6	7.6	7.7	7.7	7.7	7.9	7.7	7.8	8.1	7.8	8.0
19	8.1	7.5	7.6	7.7	7.6	7.7	7.8	7.7	7.7	8.0	7.7	7.8
20	8.0	7.5	7.7	7.7	7.6	7.6	7.8	7.7	7.7	7.9	7.7	7.7
21	8.1	7.5	7.7	7.6	7.6	7.6	7.7	7.6	7.7	7.8	7.6	7.7
22	8.3	7.7	8.0	7.9	7.6	7.7	7.7	7.6	7.6	7.9	7.6	7.8
23	7.7	7.5	7.5	7.9	7.8	7.8	7.7	7.6	7.6	8.2	7.7	7.9
24	7.6	7.3	7.5	8.0	7.8	7.8	7.7	7.7	7.7	8.2	7.7	8.0
25	7.6	7.5	7.5	7.8	7.7	7.8	7.8	7.7	7.7	8.2	7.9	8.1
26	7.5	7.4	7.5	7.8	7.7	7.8	7.8	7.6	7.7	8.1	7.8	7.9
27	7.4	7.3	7.4	8.0	7.8	7.9	7.9	7.5	7.7	8.0	7.7	7.9
28	7.5	7.4	7.4	7.8	7.6	7.7	7.8	7.6	7.7	7.9	7.7	7.8
29	---	---	---	7.7	7.6	7.6	8.0	7.7	7.8	8.2	7.6	7.8
30	---	---	---	7.6	7.6	7.6	7.8	7.6	7.7	8.1	7.7	7.9
31	---	---	---	7.7	7.6	7.6	---	---	---	7.9	7.5	7.8
MONTH	---	---	---	8.0	7.3	7.7	8.2	7.5	7.8	9.2	7.5	8.0

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

PH, WATER, WHOLE FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.1	7.5	7.8	---	---	---						
2	8.3	7.9	8.0	---	---	---						
3	8.0	7.7	7.9	7.4	6.9	7.1						
4	7.8	7.6	7.7	8.1	7.0	7.3						
5	7.7	7.6	7.7	7.4	6.8	7.0						
6	7.8	7.6	7.7	6.8	6.7	6.7						
7	7.8	7.6	7.7	7.9	6.6	6.9						
8	7.8	7.6	7.7	7.5	6.8	7.0						
9	8.0	7.8	7.8	7.9	6.6	6.9						
10	7.8	7.7	7.7	7.2	6.6	6.8						
11	7.9	7.6	7.7	6.8	6.6	6.6						
12	8.0	7.6	7.7	6.6	6.5	6.6						
13	8.2	7.7	7.9	6.9	6.6	6.7						
14	7.9	7.6	7.8	7.5	6.7	7.0						
15	8.4	7.6	7.9	7.5	6.7	7.0						
16	8.9	7.8	8.3	7.1	6.7	6.8						
17	8.5	7.9	8.2	6.9	6.6	6.8						
18	8.1	7.6	7.8	8.2	6.7	7.0						
19	8.0	7.4	7.6	8.7	6.8	7.4						
20	8.1	7.3	7.6									
21	8.0	7.2	7.4									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MONTH	---	---	---	---	---	---						

PH, WATER, WHOLE FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1										7.9	7.8	7.8
2										7.9	7.8	7.8
3										7.8	7.7	7.7
4										7.7	7.6	7.7
5										7.6	7.6	7.6
6										7.6	7.6	7.6
7										7.6	7.6	7.6
8										7.7	7.6	7.6
9										7.8	7.6	7.7
10										7.8	7.7	7.8
11										7.8	7.7	7.8
12										7.8	7.7	7.8
13										7.9	7.8	7.8
14										7.9	7.8	7.8
15										7.8	7.7	7.8
16										7.9	7.8	7.8
17										8.0	7.8	7.9
18										8.1	7.9	8.0
19										8.0	7.9	7.9
20										8.0	7.9	7.9
21							8.0	7.8	7.8	7.9	7.8	7.9
22							7.9	7.7	7.8	7.9	7.8	7.8
23							7.8	7.7	7.8	7.9	7.8	7.8
24							8.0	7.8	7.9	7.9	7.8	7.9
25							7.9	7.8	7.8	8.0	7.8	7.9
26							7.8	7.7	7.8	8.1	7.9	8.0
27							8.0	7.7	7.8	8.2	7.9	8.0
28							7.9	7.8	7.8	7.9	7.6	7.8
29							8.1	7.8	7.9	8.2	7.7	7.9
30							8.0	7.9	7.9	8.0	7.8	7.9
31							8.0	7.9	7.9	7.8	7.7	7.8
MONTH							---	---	---	8.2	7.6	7.8

073802375 LAKE SALVADOR NEAR LAFITTE, LA--Continued

PH, WATER, WHOLE FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.8	7.7	7.8	7.7	7.6	7.6	8.0	7.9	7.9	8.0	7.7	7.8
2	7.8	7.8	7.8	7.7	7.6	7.6	8.2	7.9	8.0	8.0	7.5	7.8
3	7.8	7.7	7.8	7.7	7.6	7.7	8.5	8.0	8.3	8.4	7.6	7.9
4	7.8	7.7	7.8	7.7	7.5	7.6	8.4	8.2	8.3	8.5	7.7	8.0
5	7.8	7.7	7.8	7.7	7.5	7.6	8.4	8.1	8.2	8.4	7.4	7.8
6	7.8	7.8	7.8	7.8	7.7	7.8	8.3	7.9	8.1	7.8	7.5	7.6
7	7.8	7.7	7.8	7.8	7.7	7.8	8.1	7.9	8.0	8.1	7.4	7.7
8	7.8	7.8	7.8	7.9	7.7	7.8	8.0	7.9	7.9	7.9	7.6	7.7
9	7.9	7.8	7.8	8.0	7.8	7.8	8.1	7.9	7.9	8.0	7.6	7.7
10	7.8	7.7	7.8	7.8	7.8	7.8	8.3	7.9	8.0	7.9	7.5	7.7
11	7.8	7.7	7.8	7.9	7.8	7.9	8.3	8.0	8.2	7.6	7.5	7.6
12	7.9	7.8	7.9	7.9	7.8	7.8	8.0	7.8	7.9	7.8	7.5	7.6
13	7.9	7.8	7.8	8.0	7.8	7.9	8.1	7.8	7.9	7.8	7.6	7.6
14	8.0	7.8	7.9	7.9	7.8	7.9	8.4	7.8	8.0	8.1	7.6	7.8
15	7.9	7.8	7.9	7.9	7.8	7.8	8.7	8.0	8.3	7.9	7.4	7.6
16	7.9	7.8	7.9	7.9	7.8	7.9	8.7	8.2	8.5	7.8	7.4	7.5
17	8.0	7.8	7.9	7.9	7.8	7.8	8.8	8.4	8.6	7.7	7.4	7.5
18	7.8	7.7	7.8	8.0	7.8	7.8	8.7	8.4	8.5	7.7	7.5	7.6
19	8.1	7.7	7.9	7.9	7.8	7.9	8.6	8.1	8.3	8.0	7.7	7.8
20	8.0	7.7	7.8	7.9	7.9	7.9	8.3	8.0	8.1	8.2	7.5	7.8
21	8.4	7.9	8.1	8.0	7.9	7.9	8.7	8.1	8.5	8.2	7.5	7.9
22	8.2	7.7	8.0	8.0	7.9	8.0	8.6	8.1	8.3	7.8	7.2	7.7
23	7.7	7.7	7.7	8.2	8.0	8.1	8.1	7.6	7.8	7.7	7.1	7.5
24	7.7	7.6	7.7	8.2	8.0	8.1	8.0	7.5	7.7	7.7	7.5	7.5
25	7.7	7.6	7.6	8.1	7.8	7.9	7.8	7.6	7.7	7.9	7.5	7.6
26	7.8	7.6	7.7	8.0	7.8	7.9	7.6	7.5	7.5	8.1	7.5	7.8
27	7.8	7.6	7.7	8.1	8.0	8.0	7.6	7.5	7.6	8.2	7.6	7.8
28	7.7	7.6	7.6	8.2	8.0	8.1	8.0	7.6	7.8	7.9	7.6	7.7
29	---	---	---	8.1	7.9	8.0	8.4	7.6	7.8	7.9	7.5	7.7
30	---	---	---	8.0	7.8	7.9	8.1	7.6	7.8	7.8	7.4	7.5
31	---	---	---	7.9	7.9	7.9	---	---	---	7.7	7.3	7.5
MONTH	8.4	7.6	7.8	8.2	7.5	7.9	8.8	7.5	8.0	8.5	7.1	7.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.8	7.3	7.5	7.5	7.2	7.3	7.6	7.1	7.2	---	---	---
2	7.8	7.4	7.5	7.6	7.1	7.3	8.4	7.2	7.6	---	---	---
3	7.8	7.4	7.5	7.7	7.0	7.2	7.6	7.2	7.4	7.5	7.4	7.4
4	7.8	7.4	7.5	7.4	7.0	7.1	---	---	---	7.4	7.3	7.4
5	7.5	7.2	7.4	7.2	6.9	7.0	---	---	---	7.6	7.3	7.4
6	7.5	7.2	7.3	7.3	6.9	7.1	---	---	---	---	---	---
7	7.5	7.2	7.3	7.3	6.9	7.1	7.7	7.1	7.3	7.6	7.4	7.5
8	7.4	7.2	7.3	7.3	7.0	7.2	7.7	7.2	7.4	---	---	---
9	7.5	7.2	7.3	7.4	7.0	7.2	7.4	7.2	7.3	---	---	---
10	7.6	7.3	7.4	7.4	6.8	7.1	7.6	7.2	7.4	---	---	---
11	8.2	7.3	7.6	7.8	7.0	7.3	7.4	7.2	7.3	8.3	7.5	7.9
12	8.2	7.4	7.7	7.5	7.3	7.4	7.6	7.2	7.4	8.5	7.8	8.2
13	7.9	7.4	7.6	7.6	7.2	7.3	7.5	7.2	7.4	8.4	8.0	8.1
14	7.8	7.4	7.5	7.7	7.3	7.4	7.3	7.1	7.2	8.0	7.9	8.0
15	7.6	7.3	7.4	8.2	7.3	7.6	---	---	---	8.0	7.7	7.8
16	7.8	7.4	7.6	7.8	7.4	7.6	---	---	---	7.8	7.6	7.7
17	7.6	7.3	7.4	7.8	7.3	7.5	8.0	7.4	7.6	7.7	7.5	7.5
18	7.6	7.2	7.4	7.8	7.3	7.4	8.1	7.5	7.8	7.7	7.4	7.5
19	7.5	7.1	7.3	7.9	7.2	7.4	7.7	7.3	7.5	---	---	---
20	7.6	7.2	7.3	8.2	7.3	7.5	7.9	7.2	7.4	---	---	---
21	7.5	7.2	7.3	7.6	7.3	7.4	7.5	7.1	7.3	---	---	---
22	7.4	7.3	7.3	7.5	7.1	7.3	---	---	---	---	---	---
23	7.6	7.3	7.4	7.9	7.3	7.4	---	---	---	---	---	---
24	7.6	7.2	7.4	7.9	7.3	7.5	7.3	7.0	7.2	---	---	---
25	7.6	7.1	7.3	7.5	7.2	7.3	---	---	---	---	---	---
26	7.4	7.2	7.3	7.4	7.1	7.2	---	---	---	---	---	---
27	7.6	7.3	7.4	7.6	7.1	7.3	7.8	7.2	7.4	---	---	---
28	7.7	7.2	7.4	7.7	7.1	7.3	7.7	7.3	7.5	---	---	---
29	7.9	7.3	7.6	7.2	7.0	7.1	7.4	7.2	7.3	---	---	---
30	7.8	7.3	7.5	7.2	7.0	7.1	7.4	7.1	7.3	---	---	---
31	---	---	---	7.4	7.0	7.2	---	---	---	---	---	---
MONTH	8.2	7.1	7.4	8.2	6.8	7.3	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA

LOCATION.--Lat 29°25'23", long 89°57'02", Plaquemines Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform 10.7 mi northeast of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to current year.

REVISIONS.--Minimum recorded elevation has been revised to reflect the datum used prior to Oct. 1, 1995.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Prior to December 1, 1993, at platform near present site, datum of gage was NGVD of 1929. From Dec. 2, 1993, to Sept. 30, 1995, datum of gage was 7.06 ft below NGVD of 1929. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 4.84 ft, Sep. 26, 2002 (Tropical Storm Isidore); minimum elevation recorded, -3.24 ft, revised, Feb. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.84 ft, Sept. 26; minimum, -0.67 ft, Mar. 10.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.44	1.00	1.27	2.09	0.95	1.47	2.05	0.57	1.30	---	---	---
2	1.36	1.12	1.22	2.24	0.90	1.54	1.95	0.30	1.08	---	---	---
3	1.54	1.02	1.29	2.29	0.95	1.58	1.83	0.27	1.03	---	---	---
4	1.76	0.99	1.34	2.29	0.70	1.44	1.91	0.33	1.07	---	---	---
5	2.04	1.13	1.54	2.17	0.65	1.43	2.00	0.58	1.25	---	---	---
6	2.04	0.93	1.38	2.18	0.67	1.37	1.72	0.51	1.14	---	---	---
7	1.78	0.78	1.28	1.96	0.80	1.38	1.68	0.69	1.17	---	---	---
8	2.09	0.84	1.43	2.03	0.92	1.50	1.53	0.93	1.26	---	---	---
9	2.41	1.37	1.85	1.92	0.73	1.32	1.11	0.44	0.78	---	---	---
10	2.62	1.50	2.09	1.60	0.79	1.23	1.27	0.81	1.03	---	---	---
11	2.99	1.73	2.35	1.56	1.28	1.43	1.72	0.41	1.07	---	---	---
12	2.79	2.17	2.44	1.63	1.00	1.33	1.95	0.66	1.28	---	---	---
13	3.41	2.27	3.01	2.03	0.82	1.40	2.25	0.63	1.35	---	---	---
14	2.55	1.26	1.73	2.03	0.90	1.49	---	---	---	---	---	---
15	2.35	1.59	2.03	2.18	0.76	1.44	---	---	---	---	---	---
16	1.92	0.85	1.20	2.11	0.60	1.24	---	---	---	1.27	0.23	0.72
17	1.66	0.44	1.03	1.69	0.29	0.97	---	---	---	1.24	0.21	0.70
18	1.74	0.62	1.13	1.70	0.17	0.90	---	---	---	1.24	0.44	0.81
19	1.84	0.39	1.10	1.75	0.36	1.02	---	---	---	1.20	0.01	0.76
20	1.89	0.63	1.26	1.56	0.22	0.86	---	---	---	1.15	0.14	0.66
21	1.98	0.69	1.32	1.71	0.59	1.09	---	---	---	1.15	0.53	0.77
22	1.92	0.73	1.35	2.00	1.07	1.47	---	---	---	1.38	0.37	0.89
23	2.14	1.04	1.61	2.31	1.29	1.73	---	---	---	1.53	0.48	1.05
24	2.26	1.26	1.76	2.24	1.72	1.93	---	---	---	1.85	0.47	1.17
25	2.06	0.83	1.38	1.72	1.16	1.38	---	---	---	1.26	-0.15	0.54
26	1.51	0.87	1.17	1.63	1.37	1.48	---	---	---	1.47	-0.13	0.67
27	1.30	0.59	0.98	2.13	1.16	1.62	---	---	---	1.89	0.00	0.89
28	1.11	0.69	0.88	2.51	1.30	1.81	---	---	---	1.83	0.12	0.94
29	1.09	0.65	0.82	2.43	1.71	2.04	---	---	---	1.81	0.31	1.04
30	1.51	0.72	1.14	2.20	0.72	1.43	---	---	---	1.81	0.48	1.13
31	1.58	0.98	1.25	---	---	---	---	---	---	1.77	0.73	1.22
MONTH	3.41	0.39	1.47	2.51	0.17	1.41	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.65	-0.18	0.30	1.92	1.27	1.52	1.68	0.43	1.05	2.49	0.77	1.70
2	0.65	-0.04	0.32	2.19	1.15	1.91	2.06	0.53	1.38	2.43	1.28	1.87
3	0.92	0.29	0.70	1.15	-0.17	0.39	1.94	0.50	1.29	2.35	1.31	1.81
4	0.71	-0.07	0.33	0.52	-0.37	0.08	1.43	0.18	0.80	1.97	1.13	1.54
5	1.18	-0.03	0.64	0.89	-0.50	0.25	1.33	-0.03	0.67	1.76	0.94	1.42
6	1.56	0.66	1.09	1.07	-0.19	0.48	1.43	0.20	0.84	1.86	1.39	1.63
7	1.08	-0.35	0.39	1.52	0.09	0.85	1.83	0.70	1.28	1.83	1.41	1.60
8	1.35	-0.13	0.58	1.84	0.41	1.13	2.34	1.34	1.73	2.03	1.53	1.79
9	1.53	0.02	0.76	1.53	0.45	1.07	1.87	1.39	1.65	1.93	1.27	1.67
10	1.37	0.14	0.77	1.09	-0.67	0.24	1.70	1.21	1.46	1.85	1.16	1.52
11	1.09	-0.49	0.25	1.85	0.39	1.02	1.76	1.47	1.62	2.09	1.12	1.62
12	1.12	-0.03	0.56	1.84	0.95	1.26	1.82	1.17	1.58	2.41	1.03	1.74
13	1.09	0.01	0.55	1.35	0.66	0.91	1.60	1.00	1.35	2.05	0.04	1.41
14	1.05	-0.04	0.44	1.48	0.93	1.18	1.96	0.90	1.50	1.69	-0.04	0.90
15	1.09	0.58	0.86	1.47	1.23	1.33	1.85	0.78	1.38	2.06	0.47	1.31
16	1.07	0.27	0.63	1.50	1.17	1.36	2.00	0.78	1.41	---	---	---
17	0.75	0.44	0.59	1.54	0.99	1.29	2.01	0.80	1.41	2.21	0.68	1.46
18	1.27	0.55	0.93	1.66	0.86	1.31	1.94	0.65	1.32	1.31	0.11	0.92
19	1.99	0.91	1.48	1.86	0.86	1.41	1.99	0.60	1.34	1.59	-0.20	0.81
20	2.16	1.41	1.76	2.24	1.03	1.71	1.92	0.70	1.35	1.36	0.38	0.97
21	---	---	---	1.29	0.06	0.83	1.99	0.90	1.50	1.32	0.57	1.03
22	---	---	---	1.28	-0.49	0.43	1.77	0.74	1.31	1.29	0.65	1.04
23	---	---	---	1.62	0.07	0.89	1.75	0.92	1.38	1.55	0.65	1.21
24	---	---	---	1.97	0.34	1.19	1.67	1.18	1.41	1.86	0.84	1.36
25	---	---	---	1.97	0.87	1.45	1.64	0.95	1.23	2.09	0.82	1.51
26	---	---	---	1.64	0.89	1.20	1.79	0.91	1.42	2.52	0.80	1.58
27	---	---	---	1.53	0.38	0.92	2.44	1.13	1.83	2.41	0.77	1.65
28	---	---	---	1.53	0.92	1.13	2.39	0.85	1.79	2.37	0.77	1.62
29	---	---	---	1.53	0.86	1.28	2.24	0.83	1.58	2.44	0.87	1.73
30	---	---	---	1.74	1.06	1.47	2.22	0.81	1.56	2.45	1.07	1.76
31	---	---	---	2.10	0.56	1.48	---	---	---	2.37	1.13	1.76
MONTH	---	---	---	2.24	-0.67	1.06	2.44	-0.03	1.38	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.08	1.21	1.65	1.61	0.99	1.31	1.46	0.85	1.16	2.11	0.98	1.56
2	1.90	1.19	1.57	1.34	1.00	1.19	1.46	0.75	1.11	2.39	1.27	1.84
3	1.90	1.28	1.62	1.33	0.84	1.09	1.80	0.83	1.33	2.57	1.14	1.90
4	1.77	1.50	1.63	1.39	0.71	1.06	2.29	0.68	1.52	2.68	1.29	1.98
5	2.14	1.61	1.91	1.38	0.42	0.91	2.30	0.88	1.59	2.62	1.30	1.95
6	2.00	1.32	1.68	1.43	0.54	1.00	2.33	0.78	1.60	2.57	1.41	2.00
7	2.02	1.05	1.57	1.83	0.49	1.20	2.36	0.66	1.59	3.39	1.76	2.55
8	2.15	0.89	1.56	2.01	0.72	1.37	2.14	0.69	1.43	2.79	2.07	2.43
9	2.13	1.06	1.59	2.18	0.62	1.45	2.49	0.93	1.80	2.42	2.03	2.25
10	2.75	1.20	1.98	2.23	0.64	1.43	2.50	1.26	1.91	2.45	1.81	2.12
11	2.48	0.94	1.76	2.35	0.65	1.58	2.54	1.47	2.12	2.42	1.37	1.87
12	2.45	0.90	1.71	2.31	0.85	1.60	2.08	1.65	1.84	2.38	1.27	1.82
13	2.37	0.88	1.63	2.15	0.83	1.52	1.97	1.49	1.66	2.69	1.48	2.07
14	2.12	0.68	1.47	1.92	0.86	1.30	2.05	1.10	1.58	3.04	1.42	2.16
15	1.96	0.45	1.26	1.46	0.87	1.17	2.24	1.35	1.79	2.35	0.80	1.60
16	1.92	0.72	1.40	1.29	0.91	1.12	2.25	1.15	1.74	2.20	0.90	1.58
17	1.83	0.94	1.49	1.39	0.71	1.07	2.37	0.99	1.71	2.06	1.02	1.56
18	1.79	1.37	1.61	1.31	0.55	0.97	2.31	0.94	1.66	2.06	1.14	1.61
19	1.90	1.30	1.64	1.56	0.40	1.03	2.29	0.89	1.63	2.14	1.36	1.77
20	1.84	0.98	1.45	1.71	0.35	1.09	2.22	0.97	1.63	2.23	1.44	1.85
21	1.83	0.70	1.34	1.73	0.16	1.05	2.25	1.02	1.63	2.15	1.47	1.86
22	2.15	0.79	1.54	1.87	0.34	1.16	2.14	1.04	1.61	2.20	1.78	1.96
23	2.41	0.93	1.69	1.86	0.38	1.14	2.02	1.09	1.54	2.41	1.76	2.07
24	2.42	0.89	1.73	1.93	0.40	1.23	1.93	1.10	1.56	2.80	2.12	2.31
25	2.57	0.95	1.77	1.92	0.39	1.23	1.75	1.17	1.49	4.44	2.56	3.16
26	2.57	0.93	1.67	1.74	0.55	1.23	1.63	1.34	1.47	4.84	2.17	3.00
27	2.35	0.90	1.68	1.81	0.77	1.33	1.64	1.24	1.39	2.87	1.55	2.17
28	2.18	0.91	1.59	1.56	0.93	1.28	1.77	1.08	1.33	2.74	1.21	1.92
29	1.94	1.04	1.48	1.70	1.11	1.39	1.67	0.96	1.33	2.46	0.96	1.70
30	1.77	1.03	1.40	1.77	0.97	1.27	1.81	0.96	1.37	2.57	1.26	1.95
31	---	---	---	1.40	0.85	1.14	1.97	0.85	1.42	---	---	---
MONTH	2.75	0.45	1.60	2.35	0.16	1.22	2.54	0.66	1.57	4.84	0.80	2.02

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1992 to current year.
WATER TEMPERATURES: July 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Record rated excellent except Mar. 14 - Apr. 14 and Jul. 12 - Aug. 6 when record was rated good. Apr. 15 - May 7 when record was rated fair. WATER TEMPERATURE: Record rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens/cm, Dec. 4, 1999; minimum, 845 microsiemens/cm, July 3, 1997.
WATER TEMPERATURES: Maximum, 34.7°C, Jul. 17, 2002; minimum, 2.9°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 45,800 microsiemens/cm, Mar. 2; minimum, 6,100 microsiemens/cm, Jan. 26.
WATER TEMPERATURE: Maximum, 34.7°C, July 17; minimum, 7.3°C, Mar. 5.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26400	20400	23900	39200	26900	34100	37400	28000	31400	---	---	---
2	25900	20400	22400	40600	31400	35900	34100	25400	28800	---	---	---
3	28200	24500	25900	41400	32900	37100	31600	23800	27100	---	---	---
4	31400	24700	27700	41500	30300	35600	31000	23200	27100	---	---	---
5	33400	26900	30600	40900	29600	36800	32600	24500	28400	---	---	---
6	34900	25400	30200	42200	29800	35600	32200	23700	27300	---	---	---
7	30100	22900	26200	38100	29200	33000	31500	22700	26000	---	---	---
8	33000	26600	29500	39600	30600	35500	28900	24100	26800	---	---	---
9	36400	31000	35200	39900	29300	34600	26200	18900	21200	---	---	---
10	37000	31600	35000	34200	27000	31400	31200	22000	23900	---	---	---
11	39200	33400	37000	35600	32200	33800	30500	20200	25500	---	---	---
12	37100	33600	36100	35500	29100	32300	34500	27900	29700	---	---	---
13	41500	36500	40200	39200	31100	34900	36100	27000	31300	---	---	---
14	40800	31000	35300	40800	34700	37400	---	---	---	---	---	---
15	34600	30600	32500	41600	33200	37800	---	---	---	---	---	---
16	32600	24000	28200	41800	32000	36800	---	---	---	21000	12000	15900
17	29900	21400	23500	40100	27400	31800	---	---	---	18700	10200	14500
18	27200	20700	23900	34700	25200	29900	---	---	---	20200	12300	15600
19	28300	19000	23300	35400	26000	30200	---	---	---	18600	8880	15600
20	28400	19400	23500	34800	23300	28300	---	---	---	19400	7750	9720
21	30600	19900	24500	34700	25500	30100	---	---	---	19700	10600	14700
22	31700	19400	25000	40200	34700	38000	---	---	---	22000	7750	15000
23	32800	23600	28200	40900	36400	39200	---	---	---	24100	13300	20100
24	34100	27600	31400	39700	38900	39400	---	---	---	25500	15600	21000
25	31700	21800	27300	39200	33600	35500	---	---	---	24100	9960	15100
26	22400	18600	21100	35500	34100	34800	---	---	---	20000	6100	11600
27	23000	16300	19800	38300	33700	35700	---	---	---	22800	8850	14900
28	17700	16200	16700	40400	36400	38700	---	---	---	24300	12400	17700
29	18900	15200	17100	41000	39200	40200	---	---	---	27800	13800	19600
30	30600	18700	22600	39400	30200	33900	---	---	---	28200	16100	23200
31	35600	24200	29900	---	---	---	---	---	---	30200	19600	25500
MONTH	41500	15200	27500	42200	23300	34900	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	31500	8460	16400	43500	24700	37500	29500	24700	27000	23200	17700	21100
2	11300	7130	8840	45800	34200	42600	32800	23200	28200	23300	20100	21800
3	18700	10100	13000	41900	17000	27000	32100	25400	28300	24000	20600	21900
4	17400	10000	13600	17000	11600	14100	27800	20300	24600	21800	19800	20900
5	24200	11100	16800	22800	10200	14500	27000	16200	20600	20200	16200	18400
6	28800	22700	25600	23200	12300	16900	25400	19100	22400	20300	18300	19300
7	26600	10500	16600	30700	15200	21600	33300	24800	28800	20200	16600	18800
8	29900	8810	17400	37700	18500	28900	37600	29900	33300	20100	17700	19300
9	32000	14000	21900	36500	27600	31700	30600	26600	28100	20000	17400	18400
10	32000	18400	24300	28700	15100	21200	27400	24200	25200	19900	18400	19300
11	28200	11600	19000	37500	19500	27300	27600	24500	25800	18700	16700	17700
12	28300	13700	20200	38600	30000	35900	29700	22000	27300	18300	14700	16300
13	25900	16800	20700	30000	20900	25900	23600	17900	21800	18100	16300	17600
14	25300	20000	22400	35000	27400	31100	25500	17400	21700	17300	15200	15800
15	30100	25100	26200	37500	33300	35000	25700	17200	21000	19800	15000	17100
16	31400	22100	25900	40800	34800	38700	25300	16900	20400	---	---	---
17	26000	17800	22200	39100	30900	35200	28600	17300	20700	21500	16400	18500
18	31700	20100	26900	38600	30500	35200	26200	17000	19700	17800	13200	15400
19	36100	30800	32800	37800	29000	34800	24200	15800	19200	17000	11700	13900
20	35500	29800	32400	37200	35200	36500	22300	16000	18700	20800	13300	16700
21	---	---	---	36600	22300	30600	23400	17000	19900	22200	14300	18800
22	---	---	---	26400	18200	21500	21200	16500	19100	25900	14900	19500
23	---	---	---	30800	18100	24300	21200	16400	19000	29400	19100	26000
24	---	---	---	37300	22000	29500	21200	16500	18000	29600	19100	25800
25	---	---	---	39000	27000	34300	18200	12400	15500	29600	21500	27500
26	---	---	---	38500	28300	33100	19100	13700	16700	29500	22900	26900
27	---	---	---	34100	22000	26300	23600	13900	21200	30200	23400	27500
28	---	---	---	35200	26900	30700	23300	20500	22700	30000	23900	27300
29	---	---	---	34600	29200	33200	23200	18900	21200	29400	23800	26800
30	---	---	---	34500	28300	31800	22900	17800	20400	29100	24300	27200
31	---	---	---	34200	27400	32400	---	---	---	30900	24400	28600
MONTH	---	---	---	45800	10200	29700	37600	12400	22600	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30200	25800	28200	15500	12800	14600	20200	14500	17700	24400	16700	20400
2	30200	25000	28100	13500	11500	12900	20200	14300	18100	29100	18200	24500
3	28200	25200	27100	12300	10200	11500	21200	15000	19300	32900	20700	27700
4	28200	25300	26400	12300	9690	11200	25800	18300	22100	32600	22600	27800
5	28600	27400	28000	13400	8560	11100	26800	18300	23700	32800	23400	28100
6	27900	24400	26900	12800	8630	11000	27200	20200	24300	33600	23900	28900
7	26200	23300	25200	14500	9760	12400	29200	20000	25400	33500	27200	31100
8	25900	22800	24400	16000	10700	13700	29200	20700	25000	32800	28500	30500
9	25700	21700	23900	16700	12100	14500	28000	22000	25500	29400	26600	27800
10	25800	21600	24400	16500	11300	14300	29600	22700	26300	30700	25400	27200
11	24800	22900	23800	18100	12400	15400	32100	25100	28700	28100	21700	25000
12	24400	22200	23200	19300	13900	16700	27900	24800	26300	25900	20800	23600
13	24200	22200	23100	19700	14400	17300	24800	20100	22600	25900	21500	23800
14	24800	21800	23300	16500	12500	14200	22600	19300	21000	29200	21200	25400
15	24500	18400	20900	12700	11300	12000	24500	19500	22300	24500	19000	22000
16	23200	20000	21700	12300	10100	11000	25600	20100	22800	26400	18400	22600
17	22700	19600	21800	12900	8790	11300	24800	19500	21900	24100	18100	21100
18	21800	21000	21300	12400	8620	10600	22800	19200	20900	23400	18200	20400
19	22000	20000	21300	13300	9010	10800	23100	18400	20900	23200	19000	21200
20	20500	18200	19500	27500	9150	13900	23700	18200	20800	25900	20800	23600
21	19800	16600	18700	28900	10800	18200	22800	18200	20200	24500	19300	21500
22	19600	16600	18200	26300	12600	20600	21900	17200	19600	28200	22800	24200
23	20300	16500	18600	25700	14500	20500	20000	16600	18000	28700	21800	23900
24	20900	17500	19300	26000	14700	21000	20400	16100	18200	32200	27500	30000
25	21100	17700	19400	25400	16000	20500	21800	15600	17600	32900	26800	29200
26	20100	17900	19200	25000	15800	20100	17200	13500	15000	40800	21300	30000
27	19200	18000	18600	24900	16200	20800	16300	13400	14800	21700	16700	19300
28	18900	16900	18100	22900	18000	20000	17600	13000	15600	22100	13000	16600
29	18300	16300	17400	21000	17800	19200	16700	13600	15000	16900	10100	13200
30	16800	15500	16400	20400	15100	18600	20200	16700	18800	14700	9770	12100
31	---	---	---	17800	13200	15700	21700	15000	19000	---	---	---
MONTH	30200	15500	22200	28900	8560	15300	32100	13000	20900	40800	9770	24100

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.2	22.3	23.2	21.2	18.9	20.0	19.8	18.3	18.9	---	---	---
2	24.4	22.6	23.4	22.2	20.4	21.3	19.0	18.1	18.4	---	---	---
3	25.0	22.7	23.8	22.8	21.1	22.0	19.0	17.7	18.3	---	---	---
4	24.6	23.4	24.0	22.8	21.6	22.2	19.6	18.4	19.0	---	---	---
5	25.0	24.1	24.5	21.9	20.8	21.3	20.4	19.3	19.8	---	---	---
6	25.0	23.1	24.5	21.3	19.8	20.7	20.9	20.0	20.5	---	---	---
7	23.1	21.7	22.4	21.6	20.0	20.8	21.8	20.7	21.2	---	---	---
8	23.5	21.3	22.5	21.9	20.7	21.3	22.0	21.2	21.4	---	---	---
9	24.3	22.8	23.5	22.2	21.3	21.8	21.3	19.3	20.6	---	---	---
10	24.3	23.9	24.1	22.3	20.8	21.7	19.4	18.7	19.0	---	---	---
11	24.9	24.2	24.6	22.8	21.5	22.1	19.4	18.0	18.5	---	---	---
12	25.2	24.5	24.8	22.6	21.5	22.0	19.4	18.1	18.8	---	---	---
13	25.7	24.8	25.2	21.8	21.1	21.4	20.3	19.1	19.8	---	---	---
14	25.0	23.0	23.7	21.6	20.6	21.1	---	---	---	---	---	---
15	23.8	22.5	23.2	21.7	20.8	21.2	---	---	---	---	---	---
16	23.2	21.0	22.7	21.2	20.4	20.9	---	---	---	14.9	12.6	13.4
17	21.0	18.6	19.6	20.9	19.8	20.3	---	---	---	14.8	13.2	13.9
18	19.6	17.6	18.7	20.9	19.6	20.4	---	---	---	15.2	14.1	14.6
19	19.8	18.3	19.1	21.5	20.5	21.0	---	---	---	18.1	14.8	16.2
20	20.9	19.4	20.1	21.4	19.6	20.8	---	---	---	16.5	15.0	15.4
21	22.9	20.7	21.6	19.7	18.2	19.0	---	---	---	16.7	15.1	15.8
22	23.8	21.9	22.9	18.9	18.1	18.5	---	---	---	17.3	15.8	16.6
23	25.8	23.1	24.2	20.5	18.7	19.4	---	---	---	19.0	17.1	18.1
24	25.9	24.2	25.0	20.6	19.5	20.1	---	---	---	20.4	18.6	19.6
25	25.5	23.6	24.7	21.2	20.4	20.8	---	---	---	20.1	18.1	19.3
26	23.6	21.5	22.3	22.1	20.7	21.4	---	---	---	18.1	17.0	17.7
27	21.5	19.3	20.3	22.3	21.5	21.9	---	---	---	17.7	17.0	17.2
28	19.3	17.0	17.8	23.1	22.1	22.6	---	---	---	19.2	17.3	18.0
29	18.0	16.5	17.2	23.0	20.9	22.3	---	---	---	21.2	17.8	19.4
30	18.6	16.8	17.7	20.9	19.5	20.0	---	---	---	21.6	19.7	20.5
31	20.4	17.5	18.5	---	---	---	---	---	---	22.4	20.2	21.3
MONTH	25.9	16.5	22.3	23.1	18.1	21.0	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.9	17.7	20.1	14.1	11.3	12.8	23.0	21.8	22.3	27.9	26.7	27.4
2	17.7	15.5	16.3	15.1	13.6	14.4	23.1	21.5	22.3	28.1	26.6	27.4
3	15.7	14.8	15.3	15.1	9.7	12.3	24.6	23.0	23.6	28.5	27.2	27.8
4	15.6	14.0	14.8	9.7	8.0	8.8	23.7	20.6	22.1	29.3	27.7	28.4
5	14.0	12.8	13.4	10.8	7.3	8.8	20.7	19.2	19.9	30.3	28.2	28.9
6	13.3	12.6	13.0	12.6	9.3	10.6	19.6	18.4	19.1	29.6	28.1	28.8
7	12.6	10.8	11.4	14.2	11.6	12.9	20.0	18.2	19.2	29.7	27.4	28.9
8	11.6	9.9	10.7	16.1	13.3	14.8	21.7	19.9	20.6	29.3	27.8	28.5
9	12.9	10.2	11.8	17.4	15.3	16.2	21.0	20.2	20.5	29.6	27.8	28.5
10	13.8	11.9	13.0	16.5	14.8	15.7	22.4	20.3	21.2	29.8	27.8	28.8
11	13.2	12.0	12.6	16.3	14.3	15.2	22.2	21.6	21.9	29.3	28.0	28.6
12	13.2	11.4	12.4	17.6	16.0	16.7	23.7	21.6	22.3	29.1	27.6	28.3
13	13.3	12.7	13.0	17.1	16.3	16.6	23.3	22.0	22.7	28.5	27.3	28.1
14	14.3	12.2	13.2	18.0	16.1	17.1	24.5	22.4	23.0	27.3	24.5	25.3
15	14.0	13.0	13.5	20.6	17.7	19.0	24.7	22.5	23.5	25.6	23.8	24.7
16	15.4	13.7	14.5	22.8	20.0	21.3	25.4	24.0	24.7	---	---	---
17	15.4	13.6	14.3	24.6	22.2	23.3	26.4	25.1	25.7	27.1	26.0	26.5
18	16.4	14.7	15.7	24.8	23.7	24.2	27.5	25.9	26.6	26.7	23.5	25.5
19	17.7	15.8	16.6	25.1	24.0	24.5	28.0	26.5	27.2	23.5	21.1	22.1
20	18.7	17.4	17.9	24.5	23.9	24.2	28.1	26.9	27.4	22.1	20.7	21.4
21	---	---	---	24.4	21.5	23.2	28.0	26.9	27.3	22.7	20.9	21.8
22	---	---	---	21.5	18.0	19.4	29.0	26.7	27.4	23.1	21.6	22.2
23	---	---	---	18.5	16.6	17.6	28.2	27.2	27.6	24.1	21.6	22.7
24	---	---	---	18.9	16.8	18.0	28.8	26.6	27.6	25.5	22.9	24.0
25	---	---	---	20.4	18.1	19.2	29.3	27.1	27.7	26.3	24.2	25.2
26	---	---	---	21.6	19.6	20.8	28.2	26.8	27.4	27.6	25.2	26.2
27	---	---	---	21.0	19.8	20.3	28.2	26.8	27.5	28.3	26.2	27.1
28	---	---	---	21.4	19.4	20.7	28.1	26.8	27.4	28.6	27.1	27.8
29	---	---	---	22.5	20.6	21.6	28.8	27.1	27.9	29.3	27.6	28.4
30	---	---	---	23.2	21.8	22.5	28.5	27.3	27.9	29.0	28.1	28.5
31	---	---	---	23.4	22.6	23.0	---	---	---	28.9	28.0	28.5
MONTH	---	---	---	25.1	7.3	17.9	29.3	18.2	24.4	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.8	28.1	28.9	31.0	29.8	30.3	30.2	29.1	29.6	29.1	28.3	28.8
2	30.6	29.0	29.4	31.4	29.8	30.4	30.7	28.3	29.3	28.7	27.9	28.3
3	31.4	29.5	30.0	31.7	29.6	30.4	30.4	28.6	29.4	28.4	27.8	28.1
4	31.3	29.5	30.3	32.1	29.8	30.6	29.8	28.6	29.1	27.9	27.2	27.6
5	30.4	29.2	29.6	31.5	30.0	30.5	29.7	27.9	28.6	27.7	26.8	27.2
6	31.5	28.2	29.4	31.2	30.0	30.6	29.4	28.2	28.7	27.5	27.1	27.3
7	31.1	28.9	29.8	31.8	30.1	30.7	31.5	28.4	29.4	27.1	26.2	26.6
8	30.7	29.4	30.0	30.8	29.8	30.3	31.6	29.7	30.3	26.6	26.0	26.3
9	30.4	29.5	29.9	31.3	29.3	29.9	30.1	28.4	29.4	27.6	26.0	26.7
10	29.9	28.6	29.2	30.7	29.4	30.0	28.8	27.5	28.2	28.0	26.9	27.4
11	30.0	28.4	29.1	31.6	29.5	30.5	28.7	27.7	28.1	29.0	27.5	28.1
12	31.0	28.8	29.6	31.3	30.4	30.8	28.7	27.6	28.1	30.1	28.4	29.1
13	32.0	29.5	30.4	30.7	30.1	30.4	29.1	27.4	28.0	29.4	28.4	29.0
14	31.6	30.1	30.8	30.6	29.5	29.9	28.2	27.8	28.0	29.3	28.2	28.6
15	30.8	29.1	29.9	30.9	29.0	29.9	29.5	27.7	28.5	30.5	28.3	29.0
16	29.5	28.5	29.0	31.8	29.4	30.2	30.6	28.6	29.3	31.8	28.9	29.7
17	29.5	28.0	28.6	34.7	30.2	31.4	31.4	29.0	30.0	30.5	29.0	29.8
18	28.9	27.6	28.2	32.6	30.9	31.6	31.2	29.4	30.4	30.3	29.1	29.7
19	28.9	27.8	28.3	34.6	30.6	31.7	31.4	30.1	30.7	30.2	28.8	29.5
20	28.9	27.9	28.4	34.3	31.1	32.1	32.2	30.4	31.2	30.1	28.9	29.5
21	29.4	27.8	28.5	33.1	31.2	31.9	32.7	30.4	31.3	30.4	29.0	29.5
22	28.6	27.6	28.1	31.8	30.1	31.0	31.9	30.4	31.0	30.4	29.2	29.7
23	28.5	27.1	27.6	32.7	29.1	30.6	31.9	30.1	30.9	29.3	27.8	28.4
24	29.4	26.9	28.0	31.3	30.2	30.8	32.5	30.6	31.2	27.8	25.5	26.7
25	29.7	27.6	28.6	30.8	29.9	30.4	32.4	31.1	31.6	25.6	25.2	25.5
26	28.8	28.1	28.5	31.5	29.5	30.2	31.6	30.6	31.1	26.5	24.4	25.3
27	28.9	27.8	28.3	31.7	29.9	30.8	32.0	30.2	30.8	25.4	24.1	24.6
28	29.3	28.1	28.7	32.9	30.4	31.2	31.5	29.9	30.5	26.5	24.5	25.6
29	30.2	28.6	29.3	31.3	30.6	30.9	30.2	29.3	29.7	27.4	25.7	26.7
30	30.9	29.1	29.9	30.6	29.8	30.2	30.6	29.0	29.8	28.6	26.3	27.3
31	---	---	---	31.2	29.0	29.9	29.9	28.9	29.3	---	---	---
MONTH	32.0	26.9	29.1	34.7	29.0	30.6	32.7	27.4	29.7	31.8	24.1	27.9

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA

LOCATION.--Lat 29×°23'54", long 90°02'28", Lafourche Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform approximately 10.7 mi north northwest of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.24 ft above NAVD 88. Prior to Oct. 1, 1996, datum of gage was 16.13 ft below NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.77 ft, Sep. 26, 2002 (Tropical Storm Isadore); minimum recorded, -1.60 ft, Jan. 7, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.77 ft, Sept. 26; minimum, -0.78 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.30	0.91	1.16	1.96	0.79	1.35	1.90	0.58	1.22	1.46	-0.05	0.57
2	1.21	1.02	1.12	2.07	0.85	1.44	1.81	0.31	0.99	1.00	-0.36	0.21
3	1.43	0.94	1.19	2.13	0.97	1.51	1.64	0.21	0.93	0.68	-0.58	0.00
4	1.59	0.94	1.22	2.13	0.68	1.38	1.71	0.31	0.99	0.60	-0.22	0.20
5	1.86	1.06	1.41	2.03	0.71	1.36	1.83	0.51	1.14	1.75	0.60	1.02
6	1.86	0.92	1.33	1.97	0.59	1.25	1.55	0.44	1.02	0.89	-0.10	0.28
7	1.69	0.76	1.26	1.77	0.70	1.24	1.50	0.59	1.04	0.21	-0.45	-0.12
8	1.96	0.85	1.39	1.82	0.81	1.34	1.35	0.87	1.13	0.35	-0.52	-0.05
9	2.27	1.45	1.83	1.71	0.64	1.18	0.97	0.41	0.69	0.72	-0.58	0.07
10	2.58	1.51	2.07	1.41	0.67	1.07	1.11	0.67	0.87	1.28	-0.33	0.45
11	2.86	1.75	2.27	1.43	1.13	1.26	1.72	0.39	0.96	1.14	-0.21	0.49
12	2.56	2.11	2.32	1.47	0.88	1.18	1.75	0.59	1.15	1.18	-0.20	0.45
13	3.19	2.25	2.84	1.92	0.77	1.30	1.97	0.58	1.24	1.37	-0.21	0.49
14	2.36	1.26	1.67	1.91	0.90	1.41	1.84	0.31	1.03	1.37	0.16	0.74
15	2.32	1.50	1.96	1.99	0.81	1.36	2.01	0.52	1.17	1.18	-0.18	0.44
16	1.86	0.93	1.23	1.97	0.56	1.17	2.23	0.64	1.35	1.06	0.12	0.59
17	1.56	0.67	1.08	1.56	0.25	0.90	2.23	0.57	1.24	1.05	0.11	0.56
18	1.60	0.60	1.08	1.51	0.11	0.80	1.51	0.30	0.86	1.05	0.30	0.65
19	1.65	0.39	1.03	1.57	0.28	0.90	1.54	0.30	0.77	0.99	0.12	0.59
20	1.71	0.58	1.16	1.34	0.19	0.77	0.95	-0.10	0.30	0.95	0.16	0.56
21	1.82	0.64	1.23	1.50	0.50	0.99	1.12	0.41	0.75	0.95	0.42	0.63
22	1.76	0.69	1.25	1.82	0.99	1.36	1.56	1.09	1.25	1.19	0.29	0.74
23	1.96	0.95	1.47	1.99	1.16	1.57	1.56	0.65	1.04	1.35	0.38	0.89
24	2.05	1.03	1.55	2.04	1.55	1.76	1.13	0.56	0.78	1.60	0.36	0.98
25	1.92	0.83	1.36	1.61	1.14	1.31	1.20	0.68	0.92	1.26	-0.03	0.54
26	1.54	0.79	1.18	1.50	1.24	1.34	0.82	0.17	0.54	1.31	-0.17	0.55
27	1.21	0.55	0.94	1.98	1.04	1.48	1.28	-0.24	0.49	1.65	-0.04	0.77
28	1.11	0.62	0.85	2.32	1.22	1.68	1.75	0.21	0.94	1.59	0.03	0.79
29	0.99	0.63	0.79	2.27	1.57	1.83	1.73	0.30	1.03	1.63	0.24	0.91
30	1.45	0.68	1.04	2.01	0.67	1.31	1.55	0.12	0.83	1.63	0.41	1.01
31	1.48	0.92	1.15	---	---	---	1.50	0.04	0.77	1.60	0.63	1.09
MONTH	3.19	0.39	1.40	2.32	0.11	1.29	2.23	-0.24	0.95	1.75	-0.58	0.55

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.47	-0.22	0.29	2.09	1.16	1.53	1.58	0.44	0.97	2.08	0.53	1.36
2	0.46	0.03	0.24	1.99	1.14	1.78	---	---	---	2.12	0.94	1.56
3	0.71	0.18	0.54	1.14	-0.20	0.40	---	---	---	2.06	1.12	1.56
4	0.60	-0.09	0.24	0.29	-0.46	-0.06	---	---	---	1.71	0.93	1.31
5	1.45	0.00	0.76	0.69	-0.62	0.10	1.15	0.00	0.63	1.54	0.78	1.22
6	1.30	0.53	0.92	0.89	-0.29	0.34	1.33	0.26	0.83	1.64	1.18	1.43
7	0.90	-0.46	0.24	1.33	-0.03	0.70	1.71	0.69	1.18	1.60	1.22	1.42
8	1.09	-0.20	0.43	1.65	0.30	0.98	2.19	1.21	1.66	1.79	1.42	1.63
9	1.33	-0.07	0.61	1.29	0.63	0.97	1.91	1.34	1.60	1.77	1.18	1.54
10	1.22	0.01	0.61	0.99	-0.36	0.36	1.52	1.12	1.34	1.71	1.11	1.42
11	0.84	-0.51	0.16	1.67	0.29	0.88	1.63	1.42	1.51	1.95	1.08	1.53
12	0.89	-0.11	0.39	1.67	0.78	1.01	1.69	1.09	1.48	2.21	0.95	1.62
13	0.87	-0.13	0.39	1.10	0.51	0.73	1.52	0.92	1.24	1.84	0.34	1.29
14	0.86	0.01	0.37	1.30	0.82	1.03	1.69	0.73	1.30	1.69	0.25	0.95
15	0.91	0.48	0.71	1.30	1.08	1.16	1.64	0.67	1.20	1.95	0.45	1.26
16	0.86	0.22	0.48	1.34	1.03	1.21	1.80	0.67	1.26	---	---	---
17	0.59	0.28	0.42	1.35	0.87	1.12	1.79	0.73	1.24	1.95	0.61	1.32
18	1.10	0.38	0.80	1.51	0.78	1.18	1.70	0.52	1.13	1.24	0.38	0.92
19	1.81	0.81	1.33	1.72	0.77	1.30	1.73	0.44	1.14	1.51	0.07	0.85
20	1.90	1.17	1.52	1.98	0.95	1.53	1.64	0.55	1.14	1.31	0.50	0.96
21	1.77	0.81	1.28	1.18	0.21	0.82	1.68	0.72	1.25	1.27	0.60	0.97
22	1.21	0.25	0.83	1.09	-0.34	0.42	1.51	0.57	1.08	1.26	0.62	1.01
23	1.27	-0.10	0.59	1.39	0.05	0.75	1.52	0.78	1.19	1.46	0.88	1.17
24	1.45	0.06	0.74	1.84	0.27	1.04	1.46	0.99	1.18	1.76	0.85	1.31
25	1.62	0.16	0.88	1.77	0.79	1.32	1.35	0.83	1.06	1.95	0.77	1.42
26	1.53	-0.14	0.44	1.52	0.75	1.07	1.57	0.75	1.23	2.08	0.75	1.46
27	0.83	-0.78	-0.15	1.32	0.33	0.79	2.13	0.89	1.56	2.22	0.71	1.52
28	1.16	-0.02	0.46	1.32	0.82	0.97	2.10	0.69	1.54	2.21	0.69	1.49
29	---	---	---	1.35	0.73	1.10	1.94	0.64	1.32	2.20	0.81	1.57
30	---	---	---	1.61	0.89	1.30	1.90	0.55	1.27	2.23	0.92	1.60
31	---	---	---	1.70	0.56	1.31	---	---	---	2.18	1.03	1.64
MONTH	1.90	-0.78	0.59	2.09	-0.62	0.94	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.94	1.13	1.53	1.45	0.92	1.19	1.20	0.62	0.94	1.99	1.09	1.57
2	1.72	1.07	1.42	1.24	0.91	1.08	1.23	0.60	0.94	2.30	1.25	1.79
3	1.70	1.14	1.47	1.19	0.70	0.96	1.56	0.75	1.18	2.48	1.19	1.87
4	1.65	1.36	1.50	1.22	0.58	0.91	2.01	0.74	1.43	2.60	1.35	1.96
5	2.09	1.60	1.86	1.13	0.31	0.77	1.97	0.70	1.33	2.51	1.20	1.90
6	1.84	1.19	1.56	1.29	0.51	0.91	2.04	0.69	1.39	2.44	1.30	1.95
7	1.81	0.93	1.42	1.66	0.46	1.09	2.15	0.66	1.47	3.33	1.79	2.52
8	1.93	0.80	1.41	1.88	0.64	1.27	2.00	0.66	1.37	2.69	2.08	2.37
9	1.97	0.90	1.49	1.99	0.58	1.34	2.43	1.02	1.82	2.40	1.97	2.22
10	2.59	1.18	1.89	2.03	0.58	1.34	2.51	1.34	1.95	2.41	1.75	2.07
11	2.36	0.93	1.69	2.17	0.62	1.45	2.45	1.56	2.08	2.36	1.35	1.83
12	2.24	0.86	1.60	2.07	0.75	1.42	2.00	1.64	1.80	2.26	1.33	1.81
13	2.16	0.81	1.48	1.81	0.75	1.31	1.89	1.42	1.61	2.62	1.61	2.08
14	1.87	0.71	1.31	1.36	0.69	1.07	1.92	1.06	1.51	2.91	1.34	2.07
15	1.77	0.49	1.16	1.25	0.69	0.98	2.12	1.32	1.72	2.17	0.75	1.51
16	1.69	0.57	1.22	1.11	0.76	0.95	2.17	1.14	1.69	2.09	0.82	1.49
17	1.77	0.86	1.37	1.21	0.53	0.89	2.25	0.99	1.67	2.02	0.98	1.49
18	1.76	1.32	1.52	1.08	0.39	0.80	2.19	0.94	1.60	1.94	1.08	1.52
19	1.81	1.21	1.55	1.33	0.25	0.85	2.15	0.89	1.56	2.01	1.24	1.66
20	1.72	0.92	1.37	1.49	0.20	0.89	2.10	0.94	1.57	2.11	1.41	1.76
21	1.71	0.77	1.31	1.51	0.06	0.88	2.16	1.01	1.56	2.00	1.42	1.79
22	2.08	0.83	1.50	1.62	0.24	1.01	1.98	1.01	1.53	2.37	1.78	1.98
23	2.25	0.88	1.58	1.63	0.24	0.97	1.90	1.04	1.45	2.53	1.92	2.17
24	2.20	0.82	1.58	1.68	0.24	1.04	1.79	1.04	1.46	2.90	2.24	2.57
25	2.35	0.82	1.62	1.66	0.27	1.03	1.63	1.11	1.39	5.42	2.65	3.39
26	2.12	0.86	1.50	1.51	0.48	1.03	1.52	1.22	1.36	5.77	2.37	3.24
27	2.09	0.82	1.51	1.56	0.61	1.11	1.52	1.18	1.29	2.79	1.67	2.21
28	1.97	0.85	1.43	1.36	0.75	1.08	1.52	1.04	1.26	2.66	1.40	1.99
29	1.78	0.95	1.37	1.36	0.96	1.17	1.53	0.80	1.26	2.35	1.12	1.74
30	1.63	0.96	1.30	1.26	0.83	1.07	1.72	1.01	1.36	2.40	1.24	1.86
31	---	---	---	1.20	0.66	0.94	1.86	0.93	1.43	---	---	---
MONTH	2.59	0.49	1.48	2.17	0.06	1.06	2.51	0.60	1.48	5.77	0.75	2.01

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1994 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to current year.
WATER TEMPERATURES: October 1994 to current year.

REMARKS.--Specific Conductance: record is rated excellent except for the following periods:May 19 - June 18, Sept. 10 - 30 when record was rated good and June 19 - July 1 when record was rated fair; Water Temperature: record is rated good.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 50,100 microsiemens/cm, Oct. 23, 2000; minimum, 516 microsiemens/cm, July 3,4, 1997.
WATER TEMPERATURES: Maximum, 35.2°C, Aug. 9, 1995; minimum 3.0°C, Jan. 4, 2000.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 42,800 microsiemens/cm, Oct. 13; minimum, 3,180 microsiemens/cm, Jan. 3.
WATER TEMPERATURE: Maximum, 33.4°C, July 20; minimum, 4.3°C, Jan. 3, 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20300	15700	18100	28300	21000	23500	33800	28400	30400	16700	8710	13500
2	19200	15300	17100	31700	26000	28200	32000	25200	28200	11100	4370	6770
3	23700	17800	19400	33000	25500	29200	29600	24300	27000	5730	3180	3940
4	24500	21400	23000	33000	26100	29300	27600	22900	25800	6990	4030	5170
5	27300	21800	24500	32300	25600	28900	27600	24500	26300	21300	4790	11300
6	29600	20900	25000	33500	28400	30900	28100	23600	26100	15400	5620	8440
7	26000	20600	22800	31900	26800	29400	27300	23800	25700	7220	3420	4590
8	27400	22900	24400	33600	29600	31600	27400	23800	25700	5190	3630	4180
9	34200	27400	30800	33500	28400	30700	24000	15300	18700	6800	3540	4600
10	38700	33400	37000	31200	26400	29000	19600	15900	17300	13900	4700	7330
11	40200	34700	38500	30200	26900	28700	23000	16900	18800	15300	11000	13200
12	39000	36600	38200	30000	27700	28900	25200	19400	21400	14500	9670	12600
13	42800	37300	41300	31100	25300	28000	28100	21400	24100	14200	12200	13300
14	38700	32000	35400	32100	27000	29500	28400	20100	23100	15300	12900	14300
15	36200	31900	34700	32200	28200	29900	25100	20100	22300	15200	8070	11000
16	34600	21900	28600	32100	28200	29700	27400	20800	23700	13000	9530	11000
17	26000	21000	22900	31700	25500	28100	29800	22300	25500	13000	8800	11200
18	22500	20200	21700	29800	24400	27200	23500	18700	20800	14300	11600	13200
19	22800	19600	21100	28900	24900	27000	23400	14400	19400	14700	8860	12600
20	23900	19000	21500	27900	19400	23100	18000	9380	13600	11500	8180	9600
21	24800	19400	22000	25300	21500	24000	13800	11700	13200	10500	8120	9280
22	23700	19500	21700	33200	24700	28100	24000	13400	17300	12600	8110	9630
23	25000	20800	23400	38100	32100	34300	28100	17800	23000	18900	11300	14100
24	29600	22200	26100	37500	33400	34800	19200	13300	15200	22200	13200	17800
25	29700	19100	24100	35500	30200	32500	16400	13100	14000	20200	10400	13600
26	24700	17700	20700	33600	30100	31700	14400	10100	12500	12800	6720	9500
27	19800	13100	17300	35200	29800	32400	17600	8580	12200	16200	8370	11200
28	14800	13000	14200	36300	34000	35200	19800	12100	16000	17200	13900	15600
29	15000	12300	13600	37400	34500	36200	21100	18200	20100	18500	12000	15100
30	20600	13800	15400	35500	29600	31800	21000	14500	17000	22000	15500	18900
31	22700	17500	19600	---	---	---	19100	14000	16000	23600	19600	22000
MONTH	42800	12300	24600	38100	19400	29700	33800	8580	20700	23600	3180	11200

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	24200	11200	16600	36100	15400	29200	27100	23300	25000	24300	18700	22000
2	11200	6720	9470	42300	34400	39900	---	---	---	24100	22100	23400
3	10500	6970	9460	34400	15800	24700	---	---	---	23800	23100	23400
4	10500	7040	8380	17100	10700	13700	---	---	---	23600	22500	23000
5	13900	5600	8060	15900	11100	13500	20100	13500	16500	22700	20600	21800
6	18000	7280	12400	13700	10500	12300	18200	14600	16000	22900	22100	22400
7	9190	3650	6770	17900	11400	14200	26900	16300	19600	24800	22700	23500
8	12900	4300	6500	25800	15300	19400	30300	25200	28600	24700	23900	24100
9	15800	9510	13600	26100	19800	23900	29500	25500	27000	25300	24200	24700
10	17800	11800	14700	19800	14600	16800	26900	22600	24300	25100	24300	24700
11	13000	5690	8980	23500	15900	17400	25500	23400	24500	24900	24200	24600
12	14100	8200	11700	26700	16800	20900	25600	23600	25000	25000	22200	23700
13	17000	12000	14100	20000	15800	18100	23600	18100	21900	24700	23700	24300
14	17000	11200	13700	23200	17700	20000	23000	18000	21500	23700	21000	22600
15	19900	14600	16600	29500	22700	25200	22800	19600	21200	23100	21500	22400
16	21800	13900	18100	29600	26500	28700	23700	18400	21500	---	---	---
17	18700	13300	15700	29100	26500	28100	24100	20000	22000	24500	22700	23500
18	22200	15400	18500	30100	26700	28600	22700	19100	20900	22500	17600	20900
19	29100	21400	24700	30400	25700	29200	22800	17700	20300	18300	16100	16800
20	31100	26900	29300	31900	28500	30400	22400	17300	20100	16900	15700	16300
21	30300	28000	29100	29500	22300	26800	22700	18200	20800	17500	15800	16700
22	28900	19000	24700	22300	16500	19200	21400	17600	20000	18900	16800	17400
23	19100	16000	17600	19500	14800	16800	21000	17300	19400	19900	18600	19200
24	22100	17100	19100	28400	17300	20900	21200	19100	20000	25400	18800	22300
25	24400	18600	21300	30800	26000	28400	21700	16500	19400	28400	21600	25400
26	25000	13200	20200	30800	25100	28100	19900	17100	18700	29200	23000	26800
27	13200	7970	9540	26300	17900	21800	22200	17400	21000	30100	23700	27800
28	15400	7970	10200	23900	21800	22800	23100	21400	22500	29700	25400	28000
29	---	---	---	27000	23500	25900	23100	20200	21700	30000	25500	28100
30	---	---	---	30900	23500	28200	22700	19700	21100	30400	25800	28100
31	---	---	---	30900	26200	29500	---	---	---	29900	26800	28300
MONTH	31100	3650	15300	42300	10500	23300	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29800	27300	28500	21300	19100	20200	20000	15700	17900	17700	14000	15800
2	28600	26900	28000	19100	16900	18000	19400	13100	16200	22900	14900	20300
3	28700	27000	28000	19100	15100	18000	16800	13800	16000	24100	19200	21800
4	28900	27900	28300	18400	15200	16800	21500	15800	18000	26200	19500	23000
5	31200	28900	30400	17200	13100	15100	21400	14800	18000	27200	21100	25000
6	30800	27700	30000	16800	12400	14400	28500	18600	24000	26600	24000	25300
7	29700	25600	28200	16000	12700	14400	27600	23800	26100	29400	24300	27100
8	28000	25200	27200	17000	12500	15500	27200	22900	25600	28900	26000	27800
9	27500	25000	26900	17700	15100	16600	31500	22900	27600	27100	24100	25900
10	27800	26900	27300	17400	14900	16400	33700	28400	31300	27200	24600	26000
11	27400	26700	27000	18200	15100	16900	34700	30900	33200	26200	23700	25000
12	27100	26300	26800	18900	15300	17000	32700	30300	31700	24900	21600	23400
13	26600	25600	26300	18000	15300	16600	31900	28600	30300	24100	22300	23200
14	26300	23600	25300	15600	14200	15000	29400	24900	27600	24400	21300	23200
15	24600	19900	22500	14400	13000	13800	28300	25700	27400	22500	18200	21000
16	24600	20500	22700	13700	12800	13300	29900	26200	28400	21100	16400	20000
17	24200	21200	22900	14700	11300	13500	30000	26000	28400	19500	16400	18200
18	24000	23400	23800	13200	9760	11500	28800	24400	27100	19300	16800	18000
19	24200	23100	23900	13900	10400	12900	27700	24700	26300	21600	17500	19900
20	23600	22700	23300	16100	10800	13500	26900	21600	25400	23600	21400	22400
21	23400	21100	22700	19500	10600	15000	25700	20800	23700	23200	21400	22000
22	23100	21100	22100	20500	13600	17200	25300	20300	22700	23900	22900	23500
23	22800	21000	22000	19900	13600	17600	23200	19500	21400	23300	21200	22400
24	22700	21100	22000	21600	13700	18500	22200	19400	21400	22600	20400	21300
25	22600	21300	22000	22200	14600	18600	21200	16400	19600	29200	21300	23700
26	22700	21200	22100	20700	16700	19300	17700	14500	16400	36600	20000	26500
27	22800	21100	22100	21400	17500	19600	15300	11800	13900	23200	17700	20600
28	22800	21300	22100	22600	17900	20300	16100	12700	14400	20100	15400	17700
29	22600	21300	21800	22100	19800	21000	14200	12300	13300	15500	10600	13700
30	21800	20900	21300	20800	18900	19900	13700	12500	13300	13100	8710	11000
31	---	---	---	21000	15100	18700	15100	13200	14200	---	---	---
MONTH	31200	19900	24900	22600	9760	16600	34700	11800	22600	36600	8710	21800

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.8	22.5	23.1	21.5	19.6	20.3	19.3	18.2	18.8	10.1	7.1	8.5
2	24.2	22.6	23.3	22.9	21.0	21.7	18.9	18.2	18.6	7.2	5.8	6.3
3	24.9	23.6	24.1	23.1	21.9	22.5	19.4	18.2	18.6	5.8	4.3	5.0
4	24.8	24.2	24.5	23.2	22.2	22.6	20.1	18.9	19.5	6.2	4.3	5.4
5	25.2	24.3	24.6	22.3	21.0	21.4	21.4	19.9	20.5	7.8	5.7	6.6
6	25.1	23.1	24.6	21.6	20.4	20.9	21.8	20.8	21.2	9.0	7.6	8.3
7	23.1	21.2	22.0	22.0	20.7	21.2	22.1	21.5	21.8	8.7	7.4	8.1
8	23.4	21.1	22.2	22.0	20.8	21.4	22.6	21.4	21.9	9.3	7.3	8.2
9	24.4	22.7	23.6	22.4	21.8	22.1	21.6	19.3	20.1	10.2	8.0	9.0
10	24.4	23.9	24.1	22.4	21.4	22.0	19.4	17.9	18.5	11.8	9.8	10.5
11	24.7	24.0	24.3	22.0	21.3	21.8	18.6	17.9	18.1	13.8	11.3	12.1
12	25.1	24.3	24.6	22.3	21.9	22.0	19.4	17.8	18.5	13.9	13.0	13.3
13	25.7	24.8	25.1	22.0	20.9	21.4	20.9	19.3	19.9	13.6	13.0	13.2
14	24.9	22.7	23.6	21.7	20.7	21.1	20.9	19.4	20.2	13.8	13.0	13.5
15	23.7	22.6	23.3	21.7	20.8	21.2	19.6	18.9	19.3	13.9	12.5	13.2
16	23.5	20.6	22.6	21.2	20.6	20.8	21.1	19.4	20.1	14.0	12.4	13.3
17	20.6	17.2	18.6	20.8	19.7	20.4	21.4	20.4	21.1	15.3	13.8	14.3
18	18.8	17.0	17.8	21.1	20.3	20.7	20.4	18.8	19.4	16.8	15.3	15.5
19	19.8	17.8	18.8	22.0	20.9	21.3	19.5	17.7	18.7	19.2	16.8	18.0
20	21.4	19.7	20.3	22.1	19.2	20.8	17.7	15.4	15.9	17.2	14.3	15.4
21	22.8	21.1	21.8	19.2	18.0	18.5	15.7	14.4	15.1	16.7	14.9	15.8
22	24.5	22.8	23.5	18.7	17.7	18.1	17.2	15.1	15.9	18.2	16.0	16.9
23	26.0	24.1	24.8	20.0	18.5	19.0	17.2	15.8	17.0	20.2	18.1	19.1
24	26.5	25.1	25.8	21.4	19.9	20.7	15.8	13.7	14.4	21.6	19.8	20.7
25	26.1	23.5	25.0	21.2	20.7	21.0	13.7	12.0	12.9	21.4	17.9	19.3
26	23.5	20.4	21.8	22.3	20.8	21.4	12.2	10.5	11.4	17.9	16.0	17.1
27	20.4	18.3	19.6	23.1	21.8	22.4	11.2	9.9	10.6	17.6	16.6	17.1
28	18.3	16.7	17.2	23.8	22.8	23.3	12.1	10.6	11.3	19.5	17.4	18.0
29	17.2	15.9	16.6	23.4	20.8	22.6	13.5	11.9	12.5	21.1	19.0	19.7
30	18.9	16.6	17.6	20.8	18.8	19.4	13.4	11.4	12.0	22.2	20.4	21.2
31	20.2	17.9	18.7	---	---	---	11.8	9.9	10.5	23.2	21.1	22.0
MONTH	26.5	15.9	22.2	23.8	17.7	21.1	22.6	9.9	17.2	23.2	4.3	13.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.8	17.2	19.6	13.1	11.0	12.0	23.4	21.6	22.2	27.5	26.3	27.0
2	17.2	14.4	15.3	14.9	13.1	14.1	---	---	---	28.1	26.2	27.1
3	15.6	14.6	15.1	14.1	8.0	11.3	---	---	---	28.4	26.8	27.6
4	15.0	13.5	14.1	8.8	6.2	7.5	---	---	---	28.8	27.1	28.0
5	13.5	11.8	12.5	9.9	7.6	8.7	19.7	17.6	18.8	29.6	28.1	28.6
6	12.8	11.7	12.3	12.1	9.3	10.5	19.0	17.3	18.3	29.5	28.0	28.7
7	11.7	9.7	10.6	14.9	11.3	13.0	20.4	17.7	19.1	29.6	27.8	28.5
8	11.0	9.7	10.1	16.6	14.2	15.3	22.0	20.3	20.9	29.2	27.5	28.3
9	12.9	10.5	11.6	18.1	16.3	16.8	20.9	20.2	20.5	29.2	27.4	28.2
10	13.9	12.6	13.2	17.5	13.9	15.2	22.7	20.6	21.5	29.6	27.8	28.4
11	13.0	11.2	12.1	16.6	14.4	15.4	22.5	22.0	22.2	28.8	27.5	28.2
12	13.6	12.0	12.6	18.2	16.1	17.0	23.6	21.7	22.5	28.8	27.1	27.9
13	13.3	12.9	13.1	17.4	16.3	16.8	23.4	22.5	22.9	28.7	26.1	27.9
14	14.3	12.0	13.0	18.2	16.4	17.3	23.6	22.4	22.8	26.1	22.6	24.0
15	14.0	13.3	13.7	20.8	18.2	19.2	25.2	22.8	23.9	24.8	23.1	23.8
16	15.9	13.8	14.6	23.1	20.7	21.7	25.7	24.0	24.9	---	---	---
17	15.4	14.5	14.9	24.0	22.3	23.3	26.6	24.8	25.6	27.1	25.5	26.2
18	16.5	15.2	15.9	25.0	23.3	24.1	27.4	25.6	26.4	26.4	22.2	24.7
19	18.1	16.0	16.9	25.4	23.9	24.6	27.7	26.3	27.0	22.2	19.5	20.9
20	19.0	17.7	18.2	24.7	24.1	24.5	27.9	26.5	27.2	21.2	19.5	20.5
21	19.3	18.1	18.7	24.6	20.7	22.8	27.8	26.2	27.0	22.8	20.2	21.4
22	18.9	15.9	17.4	20.7	17.0	18.1	28.0	26.2	27.0	23.0	21.0	22.0
23	15.9	12.7	14.2	17.4	15.6	16.6	28.2	27.1	27.6	23.7	21.6	22.5
24	15.8	13.8	14.8	19.0	16.3	17.7	28.6	26.6	27.6	25.5	22.7	23.9
25	17.6	14.9	16.1	21.4	18.5	19.9	28.4	26.8	27.5	26.3	24.2	25.2
26	17.5	13.6	16.3	22.3	20.9	21.4	28.6	26.6	27.7	28.0	25.3	26.5
27	13.6	8.6	11.0	20.9	18.4	19.7	28.0	26.7	27.4	28.6	26.1	27.5
28	11.1	9.4	10.4	21.4	20.2	20.8	28.2	26.5	27.3	28.8	27.1	28.0
29	---	---	---	22.8	21.1	22.0	28.9	27.0	27.7	30.0	27.8	28.8
30	---	---	---	23.7	22.4	23.0	28.1	27.1	27.6	29.4	28.3	28.8
31	---	---	---	23.9	22.8	23.4	---	---	---	29.3	27.6	28.5
MONTH	22.8	8.6	14.2	25.4	6.2	17.9	---	---	---	---	---	---

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	28.0	28.8	31.2	30.0	30.6	30.2	29.6	29.9	29.2	28.5	28.8
2	30.6	28.7	29.3	31.5	30.0	30.7	30.1	29.0	29.6	28.7	28.0	28.4
3	30.7	29.1	30.0	31.5	30.8	31.1	30.7	28.8	29.5	28.6	27.5	27.9
4	31.3	29.4	30.2	31.8	30.8	31.2	30.0	28.9	29.5	27.9	27.0	27.5
5	30.2	28.5	29.2	31.9	30.1	31.0	29.8	27.8	28.8	27.2	26.8	27.0
6	30.0	28.0	28.5	32.0	30.2	31.2	29.3	28.3	28.8	27.2	26.9	27.1
7	30.5	29.0	29.6	31.8	29.9	30.7	32.1	28.5	29.5	27.1	26.1	26.5
8	30.5	29.4	30.0	31.1	29.5	30.3	31.5	29.8	30.5	26.4	25.8	26.1
9	30.3	29.1	29.8	30.8	28.9	29.7	30.4	28.3	29.6	27.7	26.1	26.7
10	29.4	28.2	28.8	31.0	29.9	30.4	29.1	27.3	28.1	28.8	26.9	27.7
11	29.4	27.8	28.6	31.6	29.9	30.6	28.5	27.5	28.0	30.7	27.8	28.8
12	30.6	28.7	29.3	31.6	30.6	31.0	28.6	27.7	28.1	30.0	28.9	29.4
13	31.4	29.7	30.3	30.8	29.9	30.3	28.8	27.6	28.2	29.9	29.1	29.5
14	31.6	30.0	30.7	30.4	29.3	29.7	28.6	28.0	28.3	29.6	28.5	29.0
15	31.0	28.4	29.3	31.1	29.4	30.2	29.6	27.8	28.6	30.0	28.6	29.1
16	29.0	27.9	28.6	32.2	29.9	30.9	30.7	28.7	29.5	30.9	29.0	29.7
17	29.0	27.8	28.3	32.4	30.6	31.3	31.6	29.5	30.4	30.5	29.4	29.9
18	29.0	27.4	28.2	33.0	31.2	32.1	31.4	30.5	30.9	30.6	29.4	30.0
19	28.9	27.8	28.3	32.4	31.2	31.8	31.2	30.6	30.9	30.1	28.8	29.5
20	29.2	27.9	28.5	33.4	32.0	32.4	32.0	30.4	31.2	30.0	28.9	29.5
21	29.6	27.9	28.7	32.6	31.7	32.1	31.4	30.7	31.1	30.5	29.2	29.9
22	28.8	27.4	28.0	31.7	30.1	31.0	31.0	30.2	30.6	30.7	29.4	30.0
23	27.8	26.7	27.2	31.8	29.4	30.4	32.0	30.0	30.7	29.4	28.0	28.4
24	29.1	27.0	27.8	31.8	30.4	30.9	32.6	30.6	31.3	28.0	25.5	26.6
25	29.0	27.9	28.4	31.2	29.9	30.5	32.2	31.3	31.8	25.8	25.1	25.4
26	28.6	28.0	28.3	31.4	29.6	30.5	31.9	30.9	31.3	26.2	24.7	25.2
27	28.8	27.5	28.1	31.8	30.1	30.9	31.2	30.4	30.8	25.5	24.1	24.6
28	29.2	27.8	28.5	33.0	30.4	31.4	31.5	30.2	31.1	27.4	25.3	26.1
29	30.3	28.4	29.1	31.5	30.6	30.9	31.0	29.6	30.1	28.1	26.8	27.2
30	30.8	29.2	30.0	30.7	29.7	30.0	30.4	29.0	29.6	29.1	26.8	27.7
31	---	---	---	30.4	29.5	29.9	29.5	28.9	29.2	---	---	---
MONTH	31.6	26.7	28.9	33.4	28.9	30.8	32.6	27.3	29.9	30.9	24.1	28.0

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA

LOCATION.--Lat 29°16'32", long 89°56'29", Jefferson Parish, Hydrologic Unit 08090301, on a walkway near the Grand Terre Marine Lab on Grand Terre Island, 1.0 mi east of Grand Isle.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.28 ft above NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.19 ft, Sept. 26, 2002 (Tropical Storm Isidore); minimum recorded, -1.47 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.19 ft, Sept. 26; minimum elevation, -0.50 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.51	1.10	1.32	2.06	0.88	1.42	2.00	0.34	1.16	1.67	-0.31	0.61
2	1.33	1.12	1.22	2.22	0.81	1.49	1.81	0.04	0.92	1.31	-0.10	0.54
3	1.51	1.04	1.28	2.34	0.90	1.58	1.77	0.07	0.89	1.31	-0.27	0.38
4	1.73	0.99	1.31	2.37	0.67	1.50	1.89	0.02	0.91	0.84	-0.17	0.33
5	2.00	1.07	1.48	2.36	0.65	1.47	1.89	0.34	1.08	2.08	0.63	1.08
6	1.98	0.84	1.49	2.25	0.55	1.30	1.65	0.36	1.01	0.99	0.17	0.45
7	2.00	0.85	1.41	1.94	0.60	1.28	1.58	0.47	1.02	0.50	-0.41	0.14
8	2.26	0.79	1.47	1.99	0.80	1.42	1.55	0.90	1.19	0.49	-0.46	0.03
9	2.40	1.06	1.73	1.91	0.64	1.25	1.17	0.59	0.89	0.82	-0.50	0.18
10	2.52	1.30	1.92	1.65	0.79	1.21	1.26	0.70	1.02	1.44	-0.25	0.55
11	2.86	1.41	2.15	1.62	1.22	1.41	1.71	0.30	1.01	1.24	-0.26	0.50
12	2.66	1.71	2.18	1.63	1.04	1.32	1.72	0.40	1.09	1.35	-0.19	0.59
13	3.05	1.39	2.60	2.01	0.80	1.38	2.06	0.37	1.19	1.49	-0.23	0.55
14	2.46	1.24	1.71	1.99	0.81	1.41	1.74	0.13	0.96	1.47	0.19	0.82
15	2.25	1.61	1.95	2.15	0.58	1.35	2.04	0.21	1.07	1.39	-0.29	0.46
16	1.87	1.27	1.42	1.96	0.40	1.11	2.24	0.39	1.25	1.20	0.14	0.62
17	1.76	0.78	1.28	1.62	0.10	0.83	2.19	0.47	1.21	1.14	0.06	0.58
18	1.73	0.57	1.14	1.70	-0.03	0.77	1.69	0.24	0.90	1.06	0.37	0.68
19	1.89	0.37	1.06	1.70	0.22	0.88	1.71	0.38	0.91	1.09	0.09	0.74
20	1.95	0.56	1.23	1.58	0.23	0.86	1.24	0.04	0.51	1.01	0.43	0.70
21	1.98	0.60	1.26	1.72	0.54	1.10	1.24	0.37	0.80	0.99	0.41	0.73
22	1.92	0.63	1.29	1.92	0.92	1.39	1.56	0.96	1.20	1.17	0.32	0.76
23	2.07	0.91	1.51	2.25	1.09	1.54	1.58	0.89	1.21	1.38	0.30	0.88
24	2.18	1.12	1.64	2.07	1.48	1.74	1.32	0.79	1.00	1.74	0.20	1.00
25	2.17	0.87	1.45	1.58	1.10	1.33	1.38	0.76	1.09	1.25	-0.25	0.57
26	1.73	0.99	1.35	1.48	1.23	1.33	1.13	0.23	0.70	1.52	-0.15	0.67
27	1.45	0.84	1.16	1.93	1.00	1.46	1.44	-0.17	0.63	1.84	-0.23	0.79
28	1.21	0.81	1.00	2.28	1.03	1.60	1.93	0.12	1.04	1.75	-0.11	0.78
29	1.13	0.82	0.95	2.06	1.38	1.78	1.94	0.17	1.06	1.67	0.06	0.86
30	1.53	0.80	1.18	2.12	0.51	1.30	1.71	-0.11	0.80	1.66	0.15	0.89
31	1.53	0.98	1.24	---	---	---	1.75	-0.04	0.83	1.66	0.43	0.97
MONTH	3.05	0.37	1.46	2.37	-0.03	1.33	2.24	-0.17	0.99	2.08	-0.50	0.63

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.57	-0.06	0.48	2.13	1.17	1.50	1.73	0.41	1.08	2.20	0.34	1.36
2	0.69	0.31	0.52	2.16	1.28	1.92	2.00	0.44	1.30	2.16	0.72	1.52
3	0.89	0.29	0.68	1.46	0.20	1.00	1.92	0.39	1.24	2.14	0.88	1.50
4	0.85	0.06	0.47	0.86	-0.38	0.36	1.55	0.23	0.93	1.78	0.88	1.31
5	1.52	0.01	0.90	0.88	-0.40	0.30	1.37	0.08	0.79	1.58	0.78	1.26
6	1.76	0.64	1.17	1.08	-0.19	0.51	1.39	0.25	0.92	1.63	1.13	1.42
7	1.30	-0.19	0.60	1.57	0.04	0.88	1.56	0.62	1.20	1.59	1.23	1.45
8	1.33	-0.13	0.60	1.80	0.27	1.10	2.27	1.16	1.61	1.79	1.39	1.59
9	1.48	-0.03	0.71	1.55	0.50	1.03	1.91	1.37	1.66	1.81	1.16	1.52
10	1.49	0.17	0.80	1.22	-0.10	0.59	1.72	1.22	1.44	1.79	0.99	1.38
11	1.16	-0.39	0.37	1.67	0.39	1.02	1.74	1.30	1.55	1.92	0.86	1.43
12	1.09	0.05	0.57	1.64	0.81	1.22	1.80	1.15	1.53	2.18	0.74	1.49
13	1.03	0.07	0.56	1.28	0.77	0.99	1.73	1.01	1.41	1.99	0.00	1.26
14	0.96	-0.06	0.43	1.42	0.88	1.11	1.91	0.75	1.40	1.92	0.29	1.11
15	1.08	0.58	0.84	1.42	1.10	1.23	1.79	0.53	1.22	2.01	0.42	1.24
16	1.03	0.36	0.69	1.48	1.00	1.29	1.78	0.56	1.21	---	---	---
17	0.70	0.52	0.61	1.51	0.88	1.20	1.85	0.51	1.24	2.06	-0.12	1.33
18	1.14	0.50	0.86	1.62	0.62	1.20	1.78	0.48	1.17	1.77	0.09	1.12
19	1.73	0.76	1.31	1.77	0.69	1.28	1.87	0.42	1.21	1.77	-0.04	1.10
20	2.12	1.03	1.65	2.10	0.65	1.49	1.77	0.52	1.20	1.49	0.62	1.12
21	1.90	0.85	1.36	1.67	0.04	1.07	1.85	0.67	1.34	1.38	0.71	1.08
22	1.81	0.48	1.13	1.47	0.01	0.79	1.62	0.55	1.18	1.32	0.72	1.09
23	1.58	-0.02	0.88	1.58	0.14	0.93	1.60	0.79	1.26	1.52	0.79	1.18
24	1.67	0.03	0.87	1.88	0.20	1.13	1.50	1.05	1.28	1.82	0.64	1.28
25	1.83	-0.07	0.95	1.92	0.69	1.35	1.46	0.96	1.19	2.05	0.60	1.38
26	1.57	0.19	0.85	1.59	0.76	1.27	1.71	0.70	1.27	2.23	0.61	1.47
27	1.12	-0.40	0.35	1.56	0.50	1.01	2.11	0.83	1.50	2.38	0.62	1.55
28	1.36	0.09	0.61	1.47	0.88	1.07	2.25	0.54	1.48	2.35	0.71	1.55
29	---	---	---	1.44	0.74	1.15	2.15	0.49	1.37	2.37	0.76	1.63
30	---	---	---	1.64	0.98	1.30	2.02	0.34	1.27	2.42	0.88	1.69
31	---	---	---	1.90	0.40	1.31	---	---	---	2.27	0.95	1.67
MONTH	2.12	-0.40	0.78	2.16	-0.40	1.08	2.27	0.08	1.28	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.00	1.06	1.57	1.54	0.93	1.24	1.46	0.63	1.14	2.15	0.96	1.59
2	1.85	1.17	1.52	1.33	1.00	1.19	1.52	0.81	1.19	2.42	1.16	1.81
3	1.81	1.17	1.55	1.35	0.88	1.11	1.80	0.76	1.32	2.59	0.96	1.81
4	1.66	1.40	1.54	1.41	0.77	1.08	2.27	0.89	1.58	2.68	1.11	1.92
5	2.02	1.60	1.79	1.34	0.40	0.91	2.25	0.66	1.49	2.68	1.22	1.94
6	1.97	1.29	1.63	1.56	0.52	1.04	2.34	0.63	1.48	2.57	1.37	1.97
7	1.97	0.93	1.49	1.85	0.37	1.15	2.38	0.55	1.51	3.07	1.75	2.44
8	2.07	0.78	1.45	2.01	0.58	1.28	2.15	0.57	1.38	2.72	2.07	2.34
9	2.06	0.84	1.46	2.18	0.46	1.37	2.48	0.92	1.73	2.50	2.01	2.27
10	2.59	0.94	1.79	2.28	0.54	1.42	2.51	1.23	1.90	2.47	1.76	2.11
11	2.43	0.71	1.63	2.40	0.72	1.56	2.46	1.52	2.01	2.39	1.34	1.83
12	2.39	0.65	1.59	2.30	0.78	1.54	1.92	1.60	1.76	2.44	1.22	1.85
13	2.31	0.62	1.52	2.12	0.74	1.44	1.86	1.38	1.59	2.84	1.52	2.14
14	2.11	0.54	1.41	1.71	0.68	1.22	1.92	1.04	1.51	3.18	1.31	2.14
15	1.98	0.57	1.30	1.31	0.78	1.07	2.17	1.10	1.64	2.34	0.63	1.50
16	1.82	0.56	1.30	1.21	0.82	1.07	2.21	0.91	1.59	2.20	0.85	1.54
17	1.73	0.85	1.41	1.39	0.72	1.06	2.30	0.84	1.58	2.04	0.92	1.52
18	1.61	1.30	1.50	1.37	0.63	1.00	2.28	0.73	1.55	2.03	0.95	1.49
19	1.85	1.16	1.52	1.66	0.36	1.03	2.27	0.75	1.55	2.01	1.21	1.63
20	1.79	0.93	1.38	1.82	0.32	1.06	2.24	0.81	1.56	2.08	1.35	1.73
21	1.94	0.68	1.36	1.82	-0.03	1.01	2.19	0.83	1.54	2.11	1.39	1.84
22	2.30	0.85	1.61	1.88	0.12	1.08	2.12	0.86	1.51	2.51	1.80	2.05
23	2.43	0.44	1.60	1.82	0.22	1.05	1.97	1.03	1.49	2.77	2.05	2.34
24	2.38	0.61	1.55	1.92	0.19	1.14	1.89	1.08	1.54	3.24	2.26	2.65
25	2.46	0.66	1.60	1.87	0.23	1.15	1.80	1.12	1.51	5.19	2.79	3.44
26	2.20	0.53	1.42	1.65	0.56	1.12	1.64	1.37	1.51	5.19	2.49	3.19
27	2.15	0.52	1.42	1.69	0.62	1.20	1.69	1.34	1.47	2.91	1.64	2.22
28	2.02	0.55	1.36	1.47	0.77	1.15	1.65	1.20	1.41	2.73	1.28	1.95
29	1.87	0.75	1.36	1.51	1.00	1.27	1.70	1.01	1.37	2.46	0.97	1.69
30	1.69	0.93	1.32	1.38	0.94	1.18	1.84	0.89	1.40	2.48	1.11	1.80
31	---	---	---	1.35	0.88	1.11	1.99	0.83	1.44	---	---	---
MONTH	2.59	0.44	1.50	2.40	-0.03	1.17	2.51	0.55	1.52	5.19	0.63	2.02

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1992 to current year.
WATER TEMPERATURES: July 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Record rated excellent except Mar. 16 - Apr. 10 when it was rated good.
WATER TEMPERATURES: Record rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 56,500 microsiemens/cm, Jan. 3, 1998; minimum, 3,330 microsiemens/cm, July 13, 1997.
WATER TEMPERATURES: Maximum, 36.5°C, June 26, 1996; minimum, 2.5°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 45,800 microsiemens/cm, Dec. 22; minimum, 16,700 microsiemens/cm, May 14.
WATER TEMPERATURE: Maximum, 34.6°C, July 17; minimum, 4.0°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	41200	40600	40900	---	---	---	41200	39000	39700	37200	36000	36600
2	41500	40200	40800	---	---	---	40900	40300	40400	35300	34300	34600
3	42000	40200	40500	---	---	---	40300	39700	40200	35000	29500	33900
4	42000	41500	41600	---	---	---	40000	39600	39900	33000	28800	29700
5	41600	41300	41500	---	---	---	40600	40000	40100	38800	33000	36700
6	41600	40600	41000	---	---	---	40600	40300	40500	37000	32300	33900
7	40800	40200	40700	---	---	---	40600	40400	40500	34700	30600	32500
8	40900	39500	40100	---	---	---	40400	39700	40300	37700	24100	30600
9	---	---	---	---	---	---	39700	39300	39600	41700	18100	32500
10	---	---	---	---	---	---	39300	37900	38600	41600	25000	35200
11	---	---	---	---	---	---	37900	37300	37600	35000	29500	31900
12	---	---	---	---	---	---	39100	37500	38200	29500	24600	26700
13	---	---	---	---	---	---	39000	38500	38900	30900	24800	27000
14	---	---	---	---	---	---	38500	36100	36800	32900	27500	30400
15	---	---	---	---	---	---	36300	35900	36100	28900	25600	27000
16	---	---	---	43000	42400	42800	36600	36300	36500	31000	28500	29900
17	---	---	---	43200	42600	43000	36600	35900	36400	30900	30600	30800
18	---	---	---	42800	42100	42500	35900	35500	35700	31500	30900	31300
19	---	---	---	42400	41800	42200	35500	35200	35300	31400	30700	31100
20	---	---	---	42200	41400	41600	35600	34300	35300	34200	29400	30400
21	---	---	---	41600	41300	41500	45000	33900	38100	36700	31000	32800
22	---	---	---	41600	41300	41400	45800	45000	45600	36300	31000	33200
23	---	---	---	41500	39300	40100	45500	40600	42100	36600	36000	36300
24	---	---	---	40600	40500	40500	40600	40000	40200	36600	35600	36400
25	---	---	---	40900	40300	40400	40000	39400	39700	35600	34100	34700
26	---	---	---	41100	40900	41000	39600	34100	37100	34200	31200	33100
27	---	---	---	41100	41000	41100	41300	32600	35900	32800	30100	31600
28	---	---	---	41000	40900	41000	41300	34500	38500	34200	31100	32800
29	---	---	---	41000	39700	40400	41000	35800	38300	34800	33700	34200
30	---	---	---	39900	39000	39300	37000	36700	36900	35200	34500	34900
31	---	---	---	---	---	---	37100	37000	37000	35200	35100	35200
MONTH	---	---	---	---	---	---	45800	32600	38600	41700	18100	32500

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	35200	34600	35000	41800	40100	41400	31000	28600	29600	27700	26200	26900
2	34900	33000	34200	42800	37700	41400	29900	28200	29600	29000	27500	28200
3	33100	32900	33000	37700	36100	36300	30200	29900	30000	28900	27000	28100
4	33100	27500	28800	37000	36200	36700	30400	28400	30100	27400	24700	25900
5	34800	27500	31700	37000	28700	33900	30800	30400	30500	24900	23600	24300
6	38500	31400	34700	36600	35000	35800	31500	30600	31000	24000	23700	23900
7	31500	29100	30500	37400	35400	36500	34100	31500	32900	23900	21800	23100
8	39200	30800	33700	39000	36900	38200	33900	29900	33000	22000	21200	21600
9	39200	34700	37400	38900	37600	38500	29900	26200	28300	21300	20800	21000
10	38500	36200	37500	37800	36600	37300	31300	26800	29300	21100	20800	21000
11	36500	33300	35600	39900	36600	37700	31300	30600	30800	21200	20700	21000
12	34000	32900	33300	40100	39800	39900	30700	30400	30600	26100	21000	23900
13	34200	32200	33100	39800	38400	39200	30400	29700	30200	25800	20500	22400
14	36200	32700	33500	39800	39000	39700	29800	29300	29600	27000	16700	19700
15	39400	36200	38000	41300	39800	40700	29700	29300	29600	34600	25700	30600
16	39400	37900	38200	41200	39900	40800	29700	29400	29600	---	---	---
17	37900	35700	37100	39900	37100	38300	29600	27000	28200	35900	32800	35000
18	37600	35000	36700	37400	36600	36900	27500	23100	24800	33000	30800	31300
19	37700	37500	37600	37000	36400	36600	23900	22400	23200	31000	27300	29400
20	37700	26300	30400	36800	33100	34600	23100	22100	22800	31900	27400	29600
21	28500	27300	27900	33500	30400	32000	22800	21900	22400	33800	30600	32400
22	28500	28000	28200	31200	30600	30800	22800	21900	22300	35900	33700	34900
23	28400	27900	28200	37500	31200	33900	22600	22400	22500	40000	35800	38600
24	33500	27900	29800	39400	37300	38300	22800	22600	22700	40100	39800	40000
25	34900	32700	34100	40700	39100	39800	22900	22700	22800	39900	39100	39500
26	34500	33900	34300	40200	36000	39100	23000	22500	22700	39300	36400	37600
27	34800	31100	34000	38200	36700	37600	22800	22400	22700	37100	33400	34900
28	41600	30300	34800	37300	36900	37100	23000	22700	22800	34200	31500	32600
29	---	---	---	37400	37200	37300	23100	22000	22500	32200	31300	31700
30	---	---	---	37400	36800	37200	27300	22300	24100	31800	30800	31300
31	---	---	---	37000	29500	32500	---	---	---	31500	30700	31100
MONTH	41600	26300	33600	42800	28700	37300	34100	21900	27000	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31300	30100	30700	22200	21300	21900	31200	28700	29100	37400	36400	36900
2	30800	25400	27200	21900	21100	21400	28700	27500	27800	37500	36900	37200
3	26900	26200	26600	21100	20300	20700	37900	27800	31100	37100	35900	36500
4	27000	26400	26700	20600	20100	20400	38200	33900	35900	36500	35800	36200
5	26600	26200	26400	23500	20200	21100	38900	34300	37600	35800	35200	35400
6	26400	18300	20700	21600	20800	21000	37800	36400	37100	35200	34600	34700
7	22800	20300	22100	21800	21100	21600	38000	37200	37500	34600	32600	33800
8	23200	22500	23000	22400	21800	22200	38200	37500	37700	35900	33000	34800
9	23500	23200	23400	22800	22300	22600	38200	37600	38000	35100	34400	34800
10	23600	23300	23500	23000	22700	22900	39100	38100	38800	34800	33400	33900
11	23600	21100	22400	23000	22300	22700	39000	37800	38600	33400	32700	33100
12	22400	20600	21400	23300	22600	22800	37800	37000	37400	33000	32600	32700
13	21400	19900	20400	28500	23100	24700	37000	35100	36000	34200	32600	33000
14	20400	20000	20200	29500	26600	28000	35300	34700	35100	35700	33200	34000
15	20800	19800	20200	40000	27500	33500	34900	34500	34700	37500	35400	36300
16	27300	20800	24700	37900	26100	28900	34700	34500	34600	36900	34700	35900
17	27400	25900	26500	27000	23200	25000	34700	34100	34300	35300	33200	34100
18	26400	23800	24900	23500	22200	22800	34300	31900	32900	35300	34700	34900
19	23800	22100	22900	24900	22000	23000	33000	31700	32200	35100	34900	35000
20	22100	21000	21400	34200	23600	29200	32800	31300	32000	35300	35100	35200
21	21100	20400	20700	34300	26500	30400	33400	32100	32600	35200	34600	35000
22	20400	18900	19400	32100	28900	30100	32400	32200	32300	34800	34400	34600
23	19600	19200	19400	33600	29100	32600	32300	31700	32000	35200	34100	34400
24	19700	19200	19500	34400	33600	34000	31800	30800	31300	38000	33900	35900
25	21000	19700	20200	37700	33800	35500	31700	30500	31000	41100	33100	37000
26	22800	20900	22000	37500	35800	36700	30700	30300	30500	39900	39200	39700
27	22800	22200	22400	37000	36500	36800	31300	30600	30800	39600	32200	37000
28	22900	22800	22800	37000	36600	36800	31800	30400	31000	32200	27100	29600
29	22900	22500	22700	36700	34400	35900	31300	28700	29300	30200	28000	28800
30	22700	22100	22400	34700	33100	33900	36500	29900	33200	30200	27700	29400
31	---	---	---	33300	31200	32200	36900	33600	35000	---	---	---
MONTH	31300	18300	22900	40000	20100	27500	39100	27500	33800	41100	27100	34700

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	23.0	24.1	22.5	20.6	21.4	20.0	17.1	18.6	10.4	7.3	8.8
2	25.8	23.3	24.5	23.7	21.6	22.6	19.6	17.8	18.8	6.7	5.8	6.2
3	25.2	23.9	24.6	24.3	22.2	23.2	20.4	18.1	19.3	6.2	4.3	5.3
4	25.1	24.2	24.8	23.7	21.8	22.8	20.8	19.1	20.0	7.4	4.0	5.6
5	25.5	24.5	24.9	22.5	20.4	21.2	22.1	20.2	21.1	12.2	7.4	10.1
6	25.4	23.4	24.9	21.9	19.8	20.9	23.1	20.9	21.9	12.1	10.8	11.4
7	23.4	21.3	22.4	21.8	20.3	21.1	23.0	21.8	22.3	11.1	8.9	9.8
8	24.1	21.4	22.8	22.1	20.4	21.3	23.5	21.8	22.5	12.2	7.4	9.0
9	25.8	23.3	24.5	22.4	21.2	21.8	22.3	18.8	20.2	14.9	7.9	11.5
10	25.1	24.5	24.8	23.0	20.8	21.8	18.8	18.0	18.4	14.8	12.5	14.1
11	25.4	24.3	24.9	23.0	21.2	22.1	18.1	17.7	17.9	16.3	14.4	15.1
12	25.6	24.9	25.2	22.9	21.3	22.1	20.5	17.8	18.9	15.8	14.1	15.3
13	26.5	24.9	25.5	21.8	20.7	21.1	21.7	20.1	20.9	14.4	12.9	13.8
14	25.6	22.9	23.8	21.5	20.0	20.8	21.6	20.1	20.8	15.0	14.3	14.7
15	24.1	22.5	23.4	21.8	20.1	20.9	20.2	19.0	19.6	14.3	12.4	13.6
16	23.5	20.5	22.6	21.6	19.8	20.7	21.6	19.8	20.6	14.8	12.7	14.0
17	20.5	17.2	18.2	21.1	19.1	20.2	21.6	19.9	21.1	15.8	13.9	14.9
18	20.6	16.2	17.9	21.7	19.8	20.8	19.9	18.1	19.0	18.0	15.0	15.9
19	21.6	18.6	20.2	22.6	20.8	21.7	19.1	17.2	18.2	19.1	16.5	17.6
20	23.4	20.3	21.6	22.5	19.2	20.8	17.2	14.3	15.2	16.9	14.8	15.2
21	25.0	21.7	23.3	19.2	17.3	18.2	18.1	13.6	15.6	18.6	15.7	16.9
22	26.2	23.8	24.9	18.2	17.2	17.8	19.3	17.9	18.6	17.6	16.8	17.1
23	26.7	24.9	25.7	20.5	18.1	19.1	19.2	16.9	18.7	18.6	17.0	17.7
24	27.4	25.6	26.5	21.8	20.3	21.0	16.9	13.9	15.1	20.6	18.1	19.2
25	27.0	23.7	25.6	21.6	20.8	21.2	13.9	11.3	12.6	20.5	16.6	18.5
26	23.7	20.3	21.7	22.1	21.1	21.5	12.9	9.9	11.2	17.8	15.1	16.5
27	20.3	17.8	19.2	22.6	21.7	22.1	15.7	9.4	11.6	17.2	16.4	16.7
28	17.8	15.8	16.5	23.4	22.2	22.7	15.7	12.8	14.5	19.6	17.1	17.9
29	17.7	15.1	16.3	23.0	19.9	22.1	16.5	13.7	15.3	20.6	18.0	19.2
30	20.4	16.6	18.0	19.9	17.3	18.5	15.6	12.9	13.7	21.3	19.5	20.3
31	21.2	18.9	20.0	---	---	---	12.9	10.4	11.3	22.3	20.4	21.3
MONTH	27.4	15.1	22.7	24.3	17.2	21.1	23.5	9.4	17.9	22.3	4.0	14.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.9	16.0	19.0	13.8	12.7	13.1	23.7	21.1	21.8	26.9	25.3	26.2
2	16.0	13.4	14.7	16.8	13.8	15.1	23.3	20.6	21.7	27.9	26.0	26.8
3	15.5	14.1	14.8	16.8	10.1	13.4	25.4	22.6	23.8	29.1	26.6	27.6
4	15.3	12.8	14.0	10.1	7.2	8.4	24.4	19.6	21.6	29.5	27.1	28.0
5	12.8	12.1	12.4	10.2	7.1	8.7	20.4	17.4	18.8	29.1	28.0	28.5
6	13.9	12.5	13.4	14.3	10.1	11.8	19.2	17.7	18.4	29.6	27.3	28.4
7	12.6	10.6	11.1	15.7	12.5	14.0	20.7	17.4	19.0	30.0	27.7	28.7
8	12.8	9.9	11.0	17.8	14.9	16.2	22.1	20.1	20.9	29.3	27.4	28.3
9	14.6	11.5	13.0	20.0	17.1	18.1	21.0	20.0	20.5	29.5	27.4	28.3
10	16.4	13.9	14.8	18.3	14.7	15.7	21.4	20.4	20.9	29.9	27.7	28.7
11	14.7	12.0	13.4	16.3	14.0	15.1	21.8	20.8	21.3	30.0	27.7	28.6
12	13.9	11.7	12.7	18.6	16.2	17.2	24.5	21.1	22.5	29.0	27.5	28.2
13	13.6	13.0	13.3	17.7	16.4	17.0	24.3	22.8	23.5	28.9	26.9	27.9
14	14.9	11.7	13.2	18.6	16.4	17.4	25.5	22.6	23.8	26.9	22.3	24.2
15	14.7	14.0	14.4	19.3	17.6	18.5	25.8	23.5	24.3	26.8	23.7	25.0
16	16.7	14.4	15.4	23.2	19.3	20.8	26.6	24.2	25.1	---	---	---
17	17.5	14.4	15.8	24.4	22.4	23.2	27.7	24.7	25.7	28.0	25.7	26.6
18	17.1	15.9	16.4	25.1	23.0	23.9	27.8	25.4	26.4	27.3	22.3	25.0
19	18.1	16.1	17.0	26.0	23.3	24.3	28.5	25.7	26.7	22.8	18.9	21.0
20	19.6	17.4	18.4	24.4	23.5	23.9	28.4	26.0	27.1	21.2	19.2	20.3
21	19.2	17.8	18.5	24.2	19.2	22.2	28.3	26.2	27.3	23.5	20.1	21.5
22	18.7	14.9	16.9	19.2	16.1	17.2	27.9	26.3	27.0	24.0	21.2	22.3
23	14.9	12.1	13.5	17.1	14.2	15.7	28.0	26.1	27.0	26.0	22.2	23.8
24	16.1	12.9	14.3	19.1	17.0	18.0	28.1	26.1	27.0	26.4	23.5	24.8
25	18.7	15.5	17.0	21.3	18.3	19.6	29.8	26.5	27.9	27.7	25.0	26.2
26	18.5	14.1	17.0	24.3	20.9	22.2	29.1	27.6	28.4	28.6	25.7	27.0
27	14.1	9.0	10.9	22.1	19.6	20.9	28.8	27.2	28.0	29.6	26.4	27.7
28	13.4	8.3	10.7	21.4	20.1	20.7	29.1	27.0	27.8	29.9	27.0	28.3
29	---	---	---	22.2	20.5	21.2	28.5	26.8	27.7	30.5	27.9	28.8
30	---	---	---	23.2	21.6	22.3	27.7	26.3	26.8	29.4	27.9	28.7
31	---	---	---	24.6	21.7	23.0	---	---	---	30.6	27.3	28.4
MONTH	21.9	8.3	14.5	26.0	7.1	18.0	29.8	17.4	24.3	---	---	---

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.5	28.0	29.0	31.7	29.7	30.6	30.9	29.2	30.0	30.1	28.7	29.4
2	30.0	27.1	28.8	31.5	29.9	30.6	31.2	28.4	29.5	29.1	28.0	28.6
3	30.3	28.4	29.3	31.5	29.9	30.6	31.5	28.4	30.0	28.9	28.1	28.5
4	30.9	28.9	29.7	32.2	30.2	31.2	31.5	29.6	30.7	28.4	27.2	27.7
5	29.9	28.6	29.3	32.6	30.1	31.3	29.8	28.2	29.0	27.4	26.6	27.0
6	31.3	27.7	29.2	32.3	30.2	31.2	29.9	28.8	29.4	27.9	27.1	27.5
7	30.8	29.1	30.1	32.1	29.9	30.9	32.0	29.0	30.2	27.4	26.3	26.6
8	30.4	29.2	29.9	31.3	29.7	30.4	32.4	30.4	31.1	26.7	26.3	26.5
9	30.0	29.0	29.6	32.3	29.1	30.4	31.1	28.3	29.4	27.9	26.6	27.1
10	30.0	27.9	28.8	32.4	30.3	31.2	29.4	26.2	27.8	28.9	27.2	28.0
11	31.1	27.5	29.1	34.1	30.1	31.7	28.8	27.6	28.2	30.4	27.5	28.7
12	33.3	28.7	30.2	32.8	31.4	32.0	29.0	27.4	28.1	31.5	29.0	30.2
13	32.0	29.7	30.8	31.6	29.9	30.6	28.8	27.7	28.3	30.3	29.1	29.7
14	31.9	29.6	30.7	30.6	29.2	29.9	29.3	28.1	28.6	30.3	27.0	28.7
15	31.0	28.1	29.4	30.8	29.0	29.9	30.2	28.1	29.0	30.1	29.2	29.8
16	29.0	27.3	28.1	31.6	28.6	30.1	31.3	28.9	30.0	30.8	29.3	30.1
17	29.1	27.3	28.2	34.6	30.4	32.2	32.0	29.7	30.7	30.9	29.4	30.1
18	28.3	26.8	27.6	33.9	31.2	32.4	32.1	30.0	31.3	31.1	29.9	30.5
19	29.2	26.9	27.8	33.7	30.8	32.3	31.8	30.4	31.3	30.6	29.1	29.8
20	30.7	27.9	29.0	33.7	31.7	32.7	31.9	30.3	31.2	30.0	28.9	29.5
21	30.5	28.1	29.3	33.8	32.2	33.0	33.3	30.4	31.5	30.3	29.0	29.5
22	29.5	27.3	28.4	32.9	30.9	31.8	32.6	30.3	31.3	31.0	29.1	29.8
23	29.2	26.9	27.9	32.3	29.9	31.0	32.9	30.4	31.4	29.6	27.9	28.4
24	29.4	27.0	28.0	32.5	30.8	31.6	32.1	30.8	31.4	27.9	25.4	26.7
25	29.2	27.4	28.2	31.8	30.1	31.0	31.8	30.8	31.3	27.4	25.1	26.0
26	28.7	27.8	28.3	31.5	29.9	30.8	31.9	30.0	30.9	27.5	24.9	26.0
27	29.0	27.2	28.1	31.8	29.9	30.8	32.1	29.9	30.9	28.1	23.4	25.4
28	29.5	27.8	28.6	32.0	30.2	31.1	33.1	30.3	31.5	28.2	25.5	27.0
29	31.0	28.3	29.2	31.4	30.0	30.5	32.0	30.0	30.4	28.7	27.1	27.9
30	31.8	28.8	30.0	30.1	29.1	29.6	31.9	28.8	30.5	29.4	27.3	28.2
31	---	---	---	31.8	28.5	29.9	31.2	29.5	30.2	---	---	---
MONTH	33.3	26.8	29.0	34.6	28.5	31.1	33.3	26.2	30.2	31.5	23.4	28.3

07380335 LITTLE LAKE NEAR CUTOFF, LA

LOCATION.--Lat 29°31'03", long 90°10'53", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on platform in Little Lake, 9.3 mi southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 5.08 ft, Aug. 26, 1992; minimum recorded, -0.81 ft, Dec. 8, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.89 ft, Sept. 26; minimum, -0.26 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.43	1.11	1.32	1.79	1.16	1.42	1.95	1.28	1.57	1.34	0.57	0.91
2	1.36	1.11	1.25	1.86	1.31	1.59	1.79	1.02	1.37	1.01	0.16	0.49
3	1.50	1.17	1.32	1.95	1.44	1.67	1.59	0.89	1.24	0.49	-0.15	0.16
4	1.54	1.19	1.37	1.95	1.22	1.57	1.58	0.99	1.28	0.54	0.08	0.33
5	1.73	1.31	1.53	1.85	1.20	1.53	1.69	1.05	1.37	1.51	0.51	1.01
6	1.84	1.24	1.53	1.80	1.11	1.44	1.59	0.98	1.29	1.16	0.44	0.68
7	1.64	1.09	1.38	1.70	1.13	1.43	1.51	1.02	1.27	0.51	0.00	0.20
8	1.66	1.29	1.49	1.77	1.26	1.51	1.46	1.15	1.30	0.46	-0.05	0.20
9	2.09	1.65	1.96	1.69	1.10	1.43	1.16	0.68	0.88	0.69	-0.05	0.26
10	2.50	1.92	2.24	1.51	1.03	1.29	1.16	0.80	0.96	1.07	0.17	0.53
11	2.70	2.15	2.42	1.49	1.20	1.38	1.50	0.79	1.07	1.08	0.34	0.70
12	2.66	2.23	2.53	1.56	1.15	1.33	1.62	0.98	1.27	1.08	0.32	0.65
13	3.38	2.57	2.98	1.81	1.15	1.44	1.70	1.11	1.40	1.07	0.35	0.68
14	2.77	1.89	2.27	1.82	1.37	1.59	1.76	1.03	1.37	1.22	0.61	0.91
15	2.45	1.89	2.16	1.84	1.28	1.55	1.71	1.12	1.39	1.12	0.43	0.74
16	2.16	1.32	1.71	1.83	1.14	1.45	1.82	1.20	1.52	1.04	0.54	0.78
17	1.61	1.19	1.31	1.59	0.84	1.20	1.98	1.18	1.53	0.99	0.52	0.77
18	1.63	1.06	1.35	1.46	0.72	1.08	1.43	0.85	1.14	1.06	0.64	0.85
19	1.64	1.00	1.32	1.46	0.78	1.11	1.44	0.67	1.04	1.10	0.50	0.79
20	1.66	1.11	1.38	1.28	0.66	0.97	0.75	0.28	0.51	0.92	0.49	0.67
21	1.74	1.17	1.44	1.27	0.79	1.05	1.00	0.72	0.86	0.97	0.64	0.81
22	1.72	1.17	1.46	1.61	1.22	1.42	1.62	1.00	1.31	1.21	0.58	0.85
23	1.84	1.35	1.60	1.95	1.49	1.72	1.65	0.99	1.30	1.37	0.79	1.07
24	1.97	1.40	1.68	2.06	1.81	1.92	1.13	0.78	0.92	1.56	0.88	1.13
25	1.97	1.25	1.64	1.81	1.48	1.58	1.21	0.88	1.02	1.56	0.66	0.96
26	1.64	1.08	1.36	1.68	1.50	1.57	1.14	0.56	0.74	1.13	0.35	0.70
27	1.32	0.81	1.12	2.02	1.42	1.65	1.12	0.25	0.60	1.32	0.56	0.88
28	1.17	0.81	0.98	2.23	1.65	1.88	1.48	0.73	1.01	1.38	0.63	0.99
29	1.01	0.81	0.90	2.30	1.87	2.07	1.54	0.81	1.17	1.41	0.77	1.11
30	1.40	0.89	1.10	1.94	1.33	1.64	1.54	0.75	1.10	1.55	0.96	1.28
31	1.48	1.16	1.29	---	---	---	1.39	0.65	1.00	1.63	1.11	1.39
MONTH	3.38	0.81	1.59	2.30	0.66	1.48	1.98	0.25	1.15	1.63	-0.15	0.76

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.52	0.38	0.92	2.13	0.81	1.46	1.59	1.07	1.31	1.94	1.18	1.58
2	0.54	0.32	0.41	2.03	1.56	1.89	1.77	1.00	1.41	2.06	1.47	1.78
3	0.82	0.46	0.66	1.56	0.52	0.95	1.66	1.05	1.36	2.07	1.60	1.84
4	0.65	0.27	0.47	0.52	0.11	0.26	1.33	0.85	1.09	1.85	1.49	1.68
5	1.40	0.38	0.81	0.70	-0.14	0.27	1.06	0.51	0.80	1.78	1.31	1.55
6	1.36	0.74	0.98	0.86	0.19	0.51	1.28	0.65	0.93	1.86	1.55	1.72
7	0.85	0.12	0.47	1.21	0.38	0.77	1.68	0.94	1.24	1.83	1.59	1.73
8	0.94	0.17	0.52	1.53	0.69	1.05	2.17	1.52	1.80	2.02	1.83	1.93
9	1.14	0.39	0.72	1.53	1.03	1.23	2.16	1.73	1.92	2.01	1.66	1.91
10	1.17	0.45	0.79	1.12	0.44	0.74	1.73	1.48	1.61	1.94	1.66	1.78
11	0.90	0.07	0.41	1.42	0.64	0.92	1.91	1.68	1.78	2.12	1.66	1.88
12	0.77	0.21	0.50	1.51	0.94	1.16	1.91	1.54	1.81	2.25	1.66	1.97
13	0.82	0.24	0.53	1.09	0.71	0.86	1.63	1.31	1.50	1.94	1.37	1.71
14	0.87	0.34	0.58	1.40	1.06	1.20	1.73	1.29	1.53	1.70	1.11	1.36
15	0.96	0.69	0.81	1.44	1.36	1.41	1.77	1.23	1.50	1.83	1.01	1.46
16	0.97	0.49	0.69	1.54	1.39	1.47	1.86	1.26	1.57	---	---	---
17	0.73	0.44	0.57	1.51	1.29	1.41	1.86	1.30	1.57	1.91	1.27	1.58
18	1.19	0.56	0.91	1.65	1.28	1.47	1.76	1.19	1.48	1.63	1.02	1.23
19	1.76	1.13	1.41	1.79	1.25	1.56	1.76	1.13	1.45	1.35	0.62	0.98
20	1.82	1.43	1.65	1.98	1.64	1.79	1.71	1.17	1.46	1.31	0.84	1.11
21	1.75	1.26	1.50	1.65	0.95	1.26	1.72	1.23	1.49	1.36	0.92	1.17
22	1.59	0.93	1.14	1.03	0.42	0.73	1.65	1.13	1.41	1.37	1.00	1.23
23	1.12	0.44	0.78	1.28	0.48	0.84	1.67	1.26	1.46	1.59	1.26	1.43
24	1.33	0.56	0.87	1.66	0.77	1.11	1.67	1.35	1.47	1.77	1.27	1.53
25	1.42	0.72	1.06	1.77	1.20	1.48	1.57	1.19	1.36	1.94	1.33	1.67
26	1.45	0.23	0.79	1.77	1.14	1.32	1.66	1.19	1.48	2.02	1.35	1.70
27	0.49	-0.26	0.02	1.24	0.73	0.98	2.04	1.21	1.70	2.10	1.35	1.73
28	0.81	0.25	0.51	1.30	1.07	1.17	2.09	1.53	1.82	2.08	1.35	1.71
29	---	---	---	1.45	1.11	1.34	1.92	1.38	1.63	2.11	1.40	1.77
30	---	---	---	1.76	1.11	1.50	1.85	1.24	1.56	2.10	1.45	1.78
31	---	---	---	1.81	1.35	1.57	---	---	---	2.15	1.55	1.86
MONTH	1.82	-0.26	0.77	2.13	-0.14	1.15	2.17	0.51	1.48	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.04	1.60	1.82	1.72	1.36	1.52	1.32	0.97	1.15	1.98	1.47	1.72
2	1.89	1.51	1.70	1.49	1.29	1.38	1.29	0.89	1.11	2.16	1.52	1.87
3	1.88	1.52	1.71	1.39	1.03	1.24	1.59	0.98	1.33	2.32	1.66	2.01
4	1.88	1.63	1.75	1.37	0.93	1.16	1.91	1.18	1.60	2.39	1.68	2.06
5	2.30	1.88	2.12	1.27	0.76	1.03	1.79	1.13	1.45	2.33	1.73	2.03
6	2.01	1.59	1.88	1.34	0.76	1.11	1.92	1.14	1.58	2.32	1.68	2.03
7	1.93	1.44	1.72	1.62	0.96	1.31	2.05	1.24	1.66	2.96	1.95	2.52
8	1.97	1.43	1.70	1.80	1.02	1.47	1.92	1.21	1.56	2.73	2.36	2.55
9	2.04	1.40	1.76	1.90	1.25	1.57	2.34	1.48	1.93	2.55	2.28	2.41
10	2.41	1.71	2.10	1.93	1.18	1.55	2.47	1.71	2.10	2.53	2.17	2.34
11	2.33	1.76	2.03	1.99	1.20	1.60	2.53	1.94	2.23	2.41	1.83	2.11
12	2.21	1.62	1.91	1.93	1.27	1.60	2.15	1.98	2.07	2.27	1.78	2.02
13	2.12	1.49	1.78	1.80	1.26	1.54	2.04	1.69	1.88	2.36	1.95	2.17
14	1.88	1.36	1.61	1.50	1.22	1.37	2.02	1.52	1.77	2.53	1.79	2.20
15	1.73	1.16	1.46	1.46	1.13	1.29	2.15	1.68	1.92	2.16	1.41	1.86
16	1.74	1.12	1.44	1.35	1.12	1.22	2.23	1.70	1.99	2.04	1.41	1.75
17	2.01	1.33	1.62	1.38	0.92	1.16	2.26	1.60	1.97	1.95	1.43	1.70
18	1.89	1.62	1.78	1.24	0.76	1.02	2.16	1.52	1.88	1.96	1.45	1.72
19	1.99	1.65	1.86	1.32	0.73	1.05	2.12	1.49	1.81	2.09	1.54	1.87
20	1.89	1.46	1.71	1.39	0.73	1.08	2.08	1.45	1.78	2.19	1.78	2.01
21	1.87	1.30	1.64	1.41	0.73	1.11	2.08	1.48	1.77	2.19	1.77	1.98
22	2.01	1.30	1.68	1.67	0.74	1.23	2.04	1.52	1.78	2.51	2.03	2.17
23	2.06	1.36	1.74	1.57	0.86	1.22	1.92	1.51	1.70	2.42	2.09	2.25
24	2.14	1.46	1.81	1.65	0.83	1.25	1.86	1.45	1.66	3.05	2.42	2.69
25	2.22	1.48	1.87	1.56	0.89	1.24	1.75	1.47	1.58	4.44	2.79	3.25
26	2.15	1.52	1.83	1.55	0.98	1.27	1.61	1.43	1.49	4.89	2.94	3.76
27	2.12	1.49	1.82	1.61	1.04	1.34	1.54	1.34	1.42	2.96	2.42	2.69
28	2.07	1.56	1.81	1.58	1.15	1.36	1.56	1.25	1.41	2.82	2.14	2.50
29	1.96	1.52	1.74	1.52	1.28	1.41	1.52	1.23	1.39	2.58	1.92	2.24
30	1.84	1.53	1.67	1.46	1.14	1.33	1.69	1.36	1.51	2.56	1.94	2.23
31	---	---	---	1.38	0.99	1.17	1.82	1.38	1.61	---	---	---
MONTH	2.41	1.12	1.77	1.99	0.73	1.30	2.53	0.89	1.68	4.89	1.41	2.22

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1992 to current year.
WATER TEMPERATURES: June 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 43,400 microsiemens/cm, Nov. 7, 2000; minimum, 297 microsiemens/cm, Mar. 11, 1998.
WATER TEMPERATURES: Maximum, 34.0°C, Aug. 19, July 3, 1995; minimum, 2.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 32,100 microsiemens/cm, Oct. 13; minimum, 1,230 microsiemens/cm, Jan. 26.
WATER TEMPERATURE: Maximum, 33.0°C, July 20; minimum, 4.5°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2740	1820	2150	5460	4880	5110	17000	10900	13200	2690	2280	2500
2	2010	1640	1810	6920	4920	5910	13800	8710	10900	2690	1980	2440
3	2130	2000	2050	7690	6230	6740	12200	7100	9160	2760	1960	2330
4	2160	2040	2080	8260	5370	6800	8770	6900	7880	2620	2090	2240
5	4350	2080	3140	7770	4890	6080	8420	6590	7550	2730	2130	2360
6	5970	2060	4270	6920	5340	6260	8160	6510	7170	3080	2110	2580
7	2730	2180	2490	6500	5690	6040	8750	6540	7570	2480	1780	2110
8	3520	2160	2670	7620	5690	6590	9010	6750	7870	1780	1640	1710
9	12600	2610	8600	10100	5610	7290	7530	4870	6420	2050	1700	1840
10	21900	9710	16800	6560	5220	5690	6060	4000	4600	1980	1810	1890
11	27400	11500	22200	7280	5300	5950	6680	4170	5360	2200	1870	1990
12	24900	18400	22900	7710	5920	6700	7640	6160	6720	2090	1920	2000
13	32100	22900	28600	7690	6400	7100	8710	6960	7680	2020	1880	1960
14	28000	19600	22000	9460	6830	8060	8170	5420	6790	2000	1910	1970
15	19600	16700	17800	9320	5950	7740	6810	5330	6120	2010	1940	1970
16	17800	9480	14000	9980	7750	8440	6610	5630	6100	2160	1930	2020
17	9480	5790	6920	8410	6550	7430	8270	5400	6960	2220	1970	2100
18	5960	4880	5390	8020	6520	7200	6880	5180	5780	2230	1990	2100
19	5990	4830	5330	7630	6690	7120	5840	4170	5370	2940	1940	2290
20	5650	4940	5300	7090	5360	6550	4170	3170	3590	2190	1430	1670
21	5370	4680	5070	6560	5360	6170	3660	2980	3180	2170	1460	1820
22	5140	4500	4880	8860	6360	7700	5790	3110	4390	2240	1270	1620
23	5680	4510	5260	13500	8200	10800	5690	3850	5020	2710	2140	2430
24	6280	5220	5700	18400	9820	14800	3960	3320	3620	3240	2140	2560
25	6060	4840	5560	20000	10100	12900	3510	2820	3020	2960	1550	2110
26	5620	4400	5060	13000	11000	11600	3100	2840	2950	1830	1230	1400
27	4650	3400	3870	13600	9500	11700	3150	2550	2850	1690	1240	1400
28	3920	2820	3440	19500	13000	15000	3000	2710	2850	2000	1520	1750
29	4510	2600	3170	25500	16600	21400	3540	2850	3240	2220	1680	1940
30	4700	3050	3760	17600	14100	14600	3620	2660	3110	3080	1870	2450
31	5260	4690	4850	---	---	---	2880	2620	2720	3400	2040	2590
MONTH	32100	1640	7970	25500	4880	8720	17000	2550	5800	3400	1230	2070

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3590	1710	2320	8520	2140	4440	8480	5640	6700	9910	3820	6290
2	1940	1480	1580	17400	7210	12500	7180	4970	6430	13700	9520	10600
3	1610	1480	1540	12100	3890	7570	7100	5170	6330	14800	8870	12000
4	1630	1510	1560	3890	2000	2530	6540	2910	4930	14500	7360	9410
5	1570	1460	1490	2480	2060	2220	2910	1850	2290	9060	6360	7290
6	2060	1480	1610	2720	1940	2270	3130	1720	2030	11200	7850	8830
7	2080	1460	1690	2740	1950	2280	6460	2680	4130	12300	10500	11300
8	1650	1320	1450	3300	2140	2750	13100	6460	9990	12900	11100	11900
9	2100	1560	1760	3790	2590	3190	13100	5280	9500	15700	11900	13700
10	2010	1640	1820	4310	2290	2980	7500	4840	6100	14100	11300	12200
11	1900	1460	1630	2960	2260	2630	7590	5740	6290	16100	11800	13500
12	1580	1350	1440	4520	2370	3380	8280	6300	7300	16800	13100	15300
13	1540	1340	1420	2810	2080	2440	6300	4230	4910	15100	11800	13300
14	1620	1300	1440	3850	2810	3110	5230	4290	4800	13500	7770	10200
15	1790	1310	1430	6540	3460	4420	5070	4050	4450	10000	7450	8810
16	1920	1420	1670	7240	4220	6240	4960	4080	4410	---	---	---
17	1860	1560	1680	7720	4970	6450	5080	3520	4330	11600	9770	10700
18	1900	1600	1690	8290	5050	6340	4660	2770	3620	10900	4370	8370
19	10600	1760	3290	9340	4700	5980	3820	2820	3360	4700	3060	3760
20	20800	9980	14600	16600	8950	13900	3650	3020	3330	5040	2840	3560
21	21000	5520	13400	12500	7380	9370	5240	3130	3850	5600	3410	4440
22	11300	5800	7960	7950	3340	4850	5010	2890	3470	6220	4870	5360
23	5800	2240	3140	4600	2340	2870	3580	2580	2970	9610	6140	7880
24	4260	2180	2590	7830	3550	4810	3780	2820	3140	9730	7520	8520
25	4900	2340	3770	9650	7340	8300	3780	1810	2710	12700	7840	10200
26	5450	1950	3610	10700	5280	7990	3310	2400	2800	12600	8710	10600
27	3080	1320	1750	6790	4450	5680	5440	2580	4100	13700	9240	11800
28	2140	1510	1730	5950	4440	5480	10600	5420	7290	14200	8570	12100
29	---	---	---	7660	5240	6790	10800	3840	7080	14100	9280	12500
30	---	---	---	8520	5110	6650	6460	3740	4650	13900	10100	12200
31	---	---	---	9280	8180	8750	---	---	---	13800	10700	12400
MONTH	21000	1300	3040	17400	1940	5460	13100	1720	4910	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13300	11100	12100	7320	5190	6060	2150	2000	2090	4070	2910	3320
2	12500	10100	11600	5260	3780	4300	2030	1730	1870	4950	3660	4130
3	11500	9610	10800	4200	2650	3300	2190	1750	1970	9330	3740	6820
4	11900	10200	11100	7490	2360	4020	3260	1950	2360	10100	4520	8190
5	16100	11900	14100	6910	2210	3520	2730	1870	2320	12400	6750	9570
6	15000	12400	13900	3060	2120	2860	5150	2030	3250	12400	6550	9820
7	16900	12100	14600	4520	2970	3770	5430	2280	3720	17600	10100	13200
8	17600	12100	15400	4680	3270	4070	7670	2680	4880	17100	11400	15100
9	13200	10400	11600	5250	4490	4930	10400	5360	7070	15300	10600	12500
10	17200	12300	14900	5420	4380	4990	15600	6630	10100	13300	9560	11600
11	16500	13100	14900	5560	4470	5060	19100	11000	15400	12300	9100	10500
12	15100	12200	13900	5810	5030	5380	17400	12700	15400	12800	9770	11100
13	14300	11500	13200	6290	5220	5520	14400	8270	10700	11700	9560	10600
14	13600	10700	11700	5510	3620	4330	9480	7560	8650	12200	10300	11000
15	11800	9220	10600	3620	3140	3380	9980	7530	8820	11200	9440	10300
16	10500	7870	8970	3220	2820	2980	10500	8510	9520	10000	8700	9430
17	10000	8070	8990	3150	2390	2770	11300	7570	9690	8710	7930	8330
18	10500	9720	9970	2410	1960	2240	10700	7860	8640	8380	7310	7760
19	11300	9860	10700	3060	1820	2410	11100	7610	8730	8630	7300	7980
20	10700	8390	10000	2910	1880	2430	9780	7020	8300	10100	8570	9450
21	9680	7300	8600	2970	2270	2510	8620	5870	7240	9530	7660	8510
22	8740	6500	8100	3530	2180	2610	7240	5680	6170	10600	9530	10000
23	9490	6440	7940	3220	2080	2560	6000	4620	5140	11500	7760	9610
24	9780	7760	8790	3430	1940	2570	4940	3650	4310	15000	9440	11400
25	10700	8260	9220	3380	2010	2590	4780	3180	3820	15900	10700	12800
26	9750	8560	9140	2770	2160	2410	3720	2430	2680	18600	10100	14500
27	9640	6740	7930	2880	2100	2420	3270	2250	2460	10100	7040	8700
28	9160	6840	7930	2930	2300	2660	2670	2210	2440	7060	4590	5880
29	9390	6800	7560	2850	2420	2630	2380	2090	2220	4910	3540	4150
30	7390	6890	7240	3020	2090	2340	2780	2130	2450	3980	3360	3630
31	---	---	---	2130	2070	2090	3460	2480	2910	---	---	---
MONTH	17600	6440	10800	7490	1820	3410	19100	1730	5980	18600	2910	9330

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.9	22.1	23.0	20.8	18.4	19.5	19.7	18.1	18.8	9.5	7.0	8.4
2	24.3	22.1	23.1	21.6	19.6	20.6	19.1	18.0	18.5	6.8	6.0	6.5
3	24.7	22.8	23.7	22.3	20.4	21.4	19.3	18.0	18.6	6.0	4.6	5.4
4	24.5	23.4	23.9	22.8	21.2	21.9	19.8	18.2	18.9	6.5	4.5	5.4
5	25.0	23.7	24.2	21.6	20.4	20.9	20.4	19.2	19.7	7.0	5.8	6.3
6	25.0	22.5	24.2	21.6	20.0	20.6	21.1	19.8	20.3	8.4	7.0	7.6
7	22.6	21.4	22.0	21.5	20.2	20.8	21.4	20.7	21.0	8.6	7.6	8.0
8	23.4	21.1	22.2	22.2	20.4	20.9	22.2	21.0	21.4	9.0	7.3	8.0
9	23.9	22.3	23.2	22.0	21.0	21.4	21.3	18.6	19.8	10.2	7.8	8.9
10	24.0	23.4	23.8	21.6	20.3	21.0	18.6	17.8	18.2	11.3	9.3	10.4
11	24.6	23.8	24.2	21.8	20.6	21.3	18.2	17.6	17.8	12.7	10.4	11.5
12	25.3	24.3	24.7	22.9	21.1	21.7	19.0	17.6	18.3	12.8	11.5	12.1
13	25.5	24.4	24.9	21.5	20.7	21.0	19.9	18.9	19.4	12.7	11.5	12.2
14	24.4	22.9	23.4	21.2	20.3	20.8	20.0	19.1	19.6	12.9	12.1	12.6
15	23.7	22.5	23.1	21.4	20.0	20.8	19.4	18.4	19.0	13.5	11.8	12.7
16	23.2	20.5	22.3	21.1	20.0	20.5	20.5	19.1	19.8	13.9	12.2	12.9
17	20.5	18.1	19.0	21.0	19.4	20.1	20.9	19.8	20.4	14.5	13.1	13.8
18	19.5	17.6	18.5	21.0	19.7	20.3	20.1	18.8	19.3	16.2	14.2	15.0
19	20.4	17.9	19.1	21.6	20.0	20.8	19.0	17.3	18.4	19.2	15.9	17.2
20	21.3	19.6	20.3	21.5	18.8	20.2	17.3	15.0	15.8	17.0	14.3	14.8
21	22.9	20.4	21.4	18.9	17.8	18.3	15.7	14.5	15.1	16.0	14.4	15.3
22	23.8	21.8	22.7	18.1	17.4	17.8	16.3	14.8	15.6	17.0	15.4	16.1
23	24.9	23.0	23.9	19.2	18.0	18.3	16.5	15.2	16.2	19.3	17.0	18.2
24	26.5	23.8	24.8	20.5	19.2	19.9	15.2	13.7	14.5	21.5	18.5	19.8
25	25.6	23.1	24.4	20.7	19.7	20.3	13.7	12.1	12.9	20.3	17.7	19.0
26	23.1	20.4	21.7	21.5	20.4	20.9	12.8	11.0	11.7	17.9	16.2	17.0
27	20.4	18.1	19.5	22.4	21.2	21.8	11.3	9.9	10.7	16.9	16.2	16.6
28	18.1	16.3	17.0	22.9	21.9	22.4	11.8	10.8	11.2	18.8	16.8	17.7
29	17.3	16.1	16.6	23.0	20.7	22.2	12.9	11.2	11.9	20.5	18.1	19.3
30	18.2	16.4	17.2	20.7	18.9	19.4	11.9	10.8	11.4	22.1	19.9	20.8
31	19.5	17.3	18.3	---	---	---	11.2	9.5	10.4	22.9	20.7	21.8
MONTH	26.5	16.1	21.9	23.0	17.4	20.6	22.2	9.5	16.9	22.9	4.5	13.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.1	17.0	19.8	11.5	10.6	11.1	23.1	21.5	22.1	28.0	26.8	27.4
2	17.0	14.6	15.4	13.0	11.5	12.0	22.9	21.2	22.1	28.4	26.6	27.5
3	15.1	14.4	14.8	12.9	8.8	10.9	23.5	22.6	23.1	28.7	26.8	27.7
4	15.0	13.7	14.3	8.9	7.4	8.1	22.8	19.7	21.2	28.7	27.4	27.9
5	13.7	11.6	12.6	10.4	7.7	9.0	19.7	18.3	19.1	30.2	28.1	29.0
6	12.1	11.1	11.7	12.1	9.1	10.6	19.2	17.8	18.5	29.4	28.1	28.8
7	11.1	10.0	10.5	14.0	10.9	12.5	20.0	17.7	18.9	30.0	27.9	28.8
8	10.4	9.7	10.0	15.5	13.0	14.1	21.2	19.7	20.3	29.0	27.6	28.4
9	11.8	9.6	10.8	18.1	14.9	16.5	21.2	19.9	20.4	29.0	27.4	28.1
10	13.0	11.3	12.1	16.8	14.5	15.3	22.9	20.2	21.4	30.0	27.5	28.8
11	13.1	11.2	12.2	16.1	14.2	15.2	22.5	21.7	22.1	29.4	27.8	28.6
12	13.4	11.1	12.2	18.3	15.5	16.5	23.4	21.6	22.2	29.1	27.5	28.3
13	13.4	12.2	12.8	16.8	16.0	16.4	22.9	22.1	22.4	28.7	26.6	28.0
14	13.7	11.9	12.8	17.3	15.4	16.4	23.4	22.2	22.6	26.6	23.7	24.6
15	13.8	12.6	13.2	19.2	17.1	18.1	24.2	22.4	23.3	25.3	23.2	24.3
16	15.1	13.3	14.2	21.7	19.0	19.8	25.1	24.1	24.6	---	---	---
17	15.4	13.7	14.4	23.8	21.6	22.9	26.5	24.6	25.4	27.1	25.4	26.2
18	15.8	14.3	15.1	24.4	23.2	23.8	27.2	25.3	26.2	26.3	22.6	24.8
19	17.6	15.3	16.3	24.8	23.8	24.2	27.9	25.8	26.8	22.6	20.1	21.3
20	18.1	17.5	17.7	24.3	23.6	23.9	28.2	26.1	27.1	21.6	19.9	20.8
21	19.0	17.2	18.1	24.0	20.7	22.5	27.8	25.7	27.0	22.5	20.4	21.4
22	18.6	15.8	17.2	20.7	17.2	18.5	28.3	26.6	27.3	23.1	21.1	22.1
23	15.8	13.9	14.8	17.4	15.9	16.8	28.6	27.2	27.8	23.9	21.8	22.7
24	15.7	13.6	14.7	18.3	15.9	17.3	28.5	26.6	27.4	25.1	22.7	23.9
25	16.8	14.7	15.8	20.5	18.0	19.2	28.8	26.8	27.7	26.0	24.4	25.2
26	16.8	13.8	16.0	21.1	19.9	20.4	28.1	27.0	27.6	27.1	25.5	26.2
27	13.8	10.4	11.6	21.0	18.3	19.5	27.7	26.5	27.2	28.4	26.3	27.2
28	11.6	9.8	10.7	20.9	19.0	19.9	28.2	26.5	27.4	28.8	26.8	27.7
29	---	---	---	22.1	20.4	21.2	28.4	27.1	27.6	29.4	27.9	28.5
30	---	---	---	23.2	21.7	22.5	28.7	27.4	28.0	29.0	27.6	28.3
31	---	---	---	23.7	22.4	23.1	---	---	---	29.3	28.0	28.5
MONTH	22.1	9.6	14.0	24.8	7.4	17.4	28.8	17.7	24.2	---	---	---

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.9	27.8	28.6	31.4	29.7	30.5	29.5	29.0	29.3	29.9	28.8	29.2
2	29.6	28.4	29.0	31.4	29.8	30.5	30.4	28.3	29.3	29.0	28.5	28.7
3	30.5	28.6	29.4	31.8	29.9	30.6	30.5	28.7	29.6	28.6	27.8	28.3
4	30.9	29.0	29.9	31.4	30.1	30.7	29.9	28.8	29.4	28.0	27.6	27.7
5	30.0	28.5	29.1	31.1	30.1	30.6	29.6	28.0	28.8	27.6	26.9	27.2
6	30.7	28.0	28.9	31.1	29.7	30.4	29.2	28.6	28.7	27.4	27.1	27.3
7	30.0	28.8	29.3	31.7	29.8	30.7	30.8	28.3	29.4	27.2	26.3	26.7
8	30.2	29.1	29.6	31.0	29.7	30.3	30.9	29.5	30.1	26.3	25.8	26.1
9	30.3	29.0	29.7	30.7	29.2	29.9	30.5	28.8	29.7	27.5	25.8	26.6
10	29.6	28.1	28.8	31.0	29.5	30.3	29.1	28.0	28.5	28.8	26.9	27.7
11	29.6	28.1	28.8	31.3	30.2	30.6	28.7	27.6	28.1	29.7	28.0	28.6
12	29.3	28.7	29.0	31.5	30.1	30.8	28.1	27.5	27.8	30.7	28.4	29.4
13	31.3	28.7	29.9	30.8	30.0	30.3	28.0	26.9	27.5	29.9	29.0	29.5
14	31.5	30.0	30.7	30.4	29.6	29.9	28.3	27.8	28.0	29.8	28.5	29.0
15	30.7	29.0	29.6	30.8	29.1	29.9	29.1	27.6	28.4	30.1	29.0	29.4
16	29.3	28.3	28.9	31.6	29.6	30.5	29.9	28.4	29.2	30.5	29.0	29.6
17	29.0	27.1	28.0	31.8	30.1	30.8	30.7	29.2	29.8	29.9	29.2	29.5
18	29.0	27.1	28.0	32.3	30.7	31.3	31.3	29.5	30.1	30.3	29.2	29.5
19	28.8	27.8	28.4	32.5	30.2	31.0	31.1	30.2	30.6	30.2	29.1	29.6
20	29.2	28.1	28.5	33.0	30.2	31.4	31.9	30.1	30.8	29.9	28.8	29.3
21	29.3	27.8	28.6	32.9	31.2	31.8	31.3	29.9	30.5	30.7	29.0	29.7
22	28.5	27.5	28.1	31.8	30.3	31.0	30.5	29.8	30.0	30.5	29.0	29.8
23	27.9	26.8	27.3	31.6	29.9	30.5	31.1	29.6	30.2	29.0	27.7	28.3
24	28.8	26.9	27.8	31.4	29.7	30.4	31.7	30.0	30.8	28.0	25.5	26.7
25	29.0	28.0	28.5	31.0	29.5	30.2	31.4	30.4	30.9	25.5	24.9	25.1
26	28.7	27.8	28.3	30.9	29.4	30.1	31.8	30.2	30.9	25.2	24.2	24.7
27	28.8	27.5	28.1	31.8	30.3	31.1	32.0	30.3	31.0	26.1	23.9	24.8
28	29.2	27.7	28.4	32.4	30.5	31.2	31.6	29.9	30.7	26.8	25.1	25.9
29	30.3	28.1	29.1	31.1	30.2	30.7	31.0	29.6	30.3	27.6	25.7	26.5
30	30.8	28.8	29.8	30.2	29.6	29.9	30.7	29.3	30.0	28.4	26.3	27.2
31	---	---	---	30.3	29.0	29.5	30.0	29.2	29.6	---	---	---
MONTH	31.5	26.8	28.9	33.0	29.0	30.6	32.0	26.9	29.6	30.7	23.9	27.9

07380340 TENNESSEE CANAL NEAR CUTOFF, LA

LOCATION.--Lat 29°27'23", long 90°11'46", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on Tennessee Canal, 6.3 mi east northeast of Galliano and 10 mi. southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.18 ft above NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 5.44 ft, Aug. 26, 1992; minimum recorded, -1.96 ft, Feb. 10, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 3.37 ft, Oct. 13; minimum, -0.02 ft, Feb. 27.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.52	1.20	1.42	1.78	1.29	1.49	1.98	1.40	1.66	---	---	---
2	1.42	1.19	1.31	1.88	1.42	1.67	1.86	1.12	1.47	---	---	---
3	1.54	1.26	1.38	2.02	1.59	1.78	1.65	1.00	1.33	---	---	---
4	1.59	1.26	1.43	2.05	1.35	1.69	1.64	1.12	1.38	---	---	---
5	1.72	1.41	1.58	1.95	1.33	1.67	1.76	1.20	1.48	---	---	---
6	1.89	1.47	1.69	1.87	1.21	1.55	1.67	1.09	1.38	---	---	---
7	1.78	1.24	1.52	1.75	1.21	1.49	1.59	1.12	1.35	---	---	---
8	1.75	1.40	1.58	1.83	1.32	1.57	1.54	1.21	1.38	---	---	---
9	2.20	1.65	2.04	1.77	1.17	1.51	1.33	0.82	1.05	---	---	---
10	2.58	2.08	2.34	1.57	1.10	1.35	1.27	0.92	1.07	---	---	---
11	2.73	2.12	2.48	1.58	1.17	1.42	1.58	0.94	1.17	---	---	---
12	2.64	2.26	2.53	1.61	1.23	1.38	1.63	1.15	1.39	---	---	---
13	3.37	2.52	2.93	1.85	1.27	1.52	1.71	1.25	1.48	---	---	---
14	2.84	1.96	2.37	1.92	1.52	1.71	1.78	1.14	1.45	---	---	---
15	2.49	1.92	2.19	1.93	1.42	1.66	1.71	1.31	1.49	---	---	---
16	2.26	1.58	1.92	1.92	1.26	1.57	1.90	1.38	1.64	---	---	---
17	1.64	1.38	1.48	1.64	0.94	1.28	2.00	1.26	1.64	1.13	0.69	0.91
18	1.75	1.18	1.46	1.49	0.82	1.15	1.48	0.93	1.22	1.19	0.79	0.97
19	1.71	1.09	1.41	1.49	0.87	1.18	1.49	0.84	1.17	1.18	0.71	0.96
20	1.71	1.19	1.44	1.34	0.79	1.08	0.93	0.45	0.70	1.03	0.74	0.84
21	1.78	1.24	1.51	1.39	0.94	1.15	1.16	0.69	0.98	1.10	0.79	0.95
22	1.78	1.25	1.52	1.64	1.19	1.49	1.64	1.03	1.39	1.27	0.73	0.93
23	1.88	1.42	1.65	1.97	1.58	1.79	1.71	1.20	1.47	1.47	0.94	1.16
24	1.99	1.42	1.72	2.10	1.79	1.94	1.24	0.92	1.04	1.50	0.95	1.18
25	2.03	1.41	1.73	1.87	1.56	1.69	1.32	1.05	1.16	1.60	0.89	1.23
26	1.76	1.24	1.52	1.72	1.55	1.62	1.32	0.61	0.87	1.16	0.57	0.85
27	1.46	1.02	1.29	2.00	1.48	1.67	1.10	0.41	0.67	1.31	0.78	1.03
28	1.31	0.98	1.14	2.13	1.74	1.91	1.48	0.91	1.11	1.47	0.84	1.15
29	1.09	0.98	1.03	2.28	1.90	2.10	1.59	0.97	1.29	1.50	1.00	1.25
30	1.46	1.02	1.18	1.99	1.42	1.69	1.64	0.97	1.30	1.62	1.16	1.39
31	1.51	1.27	1.39	---	---	---	1.53	0.91	1.26	1.69	1.25	1.47
MONTH	3.37	0.98	1.68	2.28	0.79	1.56	2.00	0.41	1.27	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.57	0.72	1.21	2.23	0.83	1.51	1.60	1.20	1.40	1.78	1.17	1.46
2	0.72	0.50	0.61	2.21	1.83	2.04	1.78	1.06	1.41	1.96	1.40	1.66
3	0.93	0.59	0.78	1.83	0.85	1.38	1.71	1.13	1.42	1.96	1.55	1.76
4	0.79	0.53	0.65	0.85	0.28	0.47	1.61	1.01	1.24	1.84	1.42	1.62
5	1.66	0.63	0.96	0.74	0.06	0.32	1.25	0.68	0.92	1.73	1.29	1.50
6	1.67	0.96	1.24	0.91	0.37	0.60	1.30	0.84	1.03	1.81	1.52	1.67
7	1.12	0.40	0.66	1.28	0.53	0.82	1.57	1.03	1.24	1.80	1.54	1.69
8	0.94	0.40	0.67	1.53	0.86	1.12	2.19	1.55	1.75	1.96	1.75	1.87
9	1.14	0.63	0.85	1.57	1.06	1.31	2.23	1.78	2.00	1.97	1.65	1.88
10	1.25	0.64	0.91	1.40	0.69	1.04	1.78	1.52	1.63	1.92	1.62	1.76
11	1.03	0.30	0.64	1.32	0.82	0.99	1.89	1.69	1.78	2.05	1.62	1.85
12	0.81	0.39	0.61	1.50	1.00	1.22	1.94	1.62	1.84	2.18	1.68	1.93
13	0.89	0.41	0.65	1.08	0.78	0.92	1.65	1.40	1.54	1.85	1.55	1.70
14	0.96	0.56	0.76	1.41	1.08	1.24	1.73	1.33	1.54	1.69	1.29	1.49
15	1.04	0.75	0.92	1.48	1.40	1.43	1.72	1.22	1.48	1.82	1.08	1.45
16	1.07	0.63	0.84	1.54	1.41	1.49	1.82	1.25	1.53	---	---	---
17	0.79	0.53	0.65	1.46	1.33	1.39	1.81	1.30	1.56	1.84	1.28	1.55
18	1.29	0.64	0.96	1.65	1.28	1.48	1.72	1.20	1.47	1.73	1.27	1.37
19	1.78	1.23	1.42	1.77	1.27	1.53	1.70	1.13	1.42	1.39	0.82	1.10
20	1.87	1.54	1.71	1.83	1.63	1.74	1.66	1.17	1.43	1.36	1.02	1.21
21	1.81	1.36	1.58	1.73	1.24	1.44	1.66	1.21	1.45	1.39	1.01	1.21
22	1.76	1.15	1.37	1.24	0.65	0.92	1.63	1.14	1.38	1.43	1.08	1.26
23	1.26	0.66	0.94	1.28	0.61	0.89	1.62	1.27	1.45	1.61	1.33	1.47
24	1.29	0.73	0.96	1.57	0.90	1.14	1.64	1.34	1.45	1.79	1.31	1.57
25	1.39	0.88	1.14	1.77	1.32	1.53	1.52	1.27	1.38	1.93	1.38	1.68
26	1.48	0.54	1.06	1.79	1.27	1.44	1.64	1.27	1.50	2.00	1.38	1.69
27	0.54	-0.02	0.20	1.30	0.82	1.06	1.91	1.24	1.61	2.08	1.38	1.73
28	0.83	0.31	0.61	1.33	1.13	1.21	1.98	1.57	1.78	2.04	1.38	1.71
29	---	---	---	1.46	1.14	1.35	1.83	1.36	1.59	2.06	1.43	1.75
30	---	---	---	1.72	1.11	1.46	1.71	1.21	1.48	2.04	1.47	1.76
31	---	---	---	1.75	1.42	1.57	---	---	---	2.13	1.55	1.84
MONTH	1.87	-0.02	0.91	2.23	0.06	1.23	2.23	0.68	1.49	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.01	1.61	1.82	1.65	1.33	1.49	1.31	0.97	1.15	2.02	1.48	1.76
2	1.85	1.51	1.69	1.50	1.25	1.38	1.27	0.95	1.12	2.18	1.54	1.89
3	1.83	1.49	1.67	1.39	1.05	1.25	1.62	0.95	1.35	2.31	1.69	2.04
4	1.84	1.61	1.72	1.35	0.95	1.17	1.94	1.23	1.65	2.41	1.74	2.08
5	2.30	1.84	2.11	1.23	0.79	1.05	1.75	1.28	1.51	2.33	1.80	2.05
6	2.02	1.59	1.89	1.37	0.78	1.11	1.86	1.20	1.56	2.31	1.71	2.03
7	1.92	1.46	1.71	1.62	1.00	1.34	2.00	1.29	1.63	2.95	2.00	2.44
8	1.94	1.42	1.68	1.79	1.07	1.47	1.85	1.27	1.56	---	---	---
9	2.01	1.39	1.72	1.89	1.30	1.60	2.34	1.50	1.91	---	---	---
10	2.38	1.68	2.07	1.93	1.23	1.56	2.52	1.83	2.10	---	---	---
11	2.33	1.79	2.03	1.97	1.28	1.62	---	---	---	---	---	---
12	2.19	1.62	1.89	1.87	1.32	1.60	---	---	---	---	---	---
13	2.07	1.48	1.75	1.74	1.28	1.52	---	---	---	---	---	---
14	1.78	1.33	1.57	1.54	1.23	1.36	---	---	---	---	---	---
15	1.69	1.24	1.48	1.40	1.10	1.26	---	---	---	---	---	---
16	1.68	1.11	1.41	1.32	1.10	1.20	2.20	1.68	1.98	---	---	---
17	1.88	1.34	1.61	1.37	0.90	1.17	2.22	1.64	1.94	---	---	---
18	1.87	1.65	1.78	1.20	0.81	1.01	2.11	1.59	1.84	---	---	---
19	1.98	1.61	1.84	1.31	0.78	1.07	2.05	1.50	1.77	2.03	1.48	1.79
20	1.87	1.46	1.71	1.38	0.78	1.09	2.05	1.45	1.75	2.08	1.79	1.93
21	1.87	1.40	1.66	1.40	0.80	1.12	2.02	1.48	1.74	2.12	1.70	1.90
22	2.01	1.37	1.70	1.58	0.83	1.21	1.99	1.51	1.75	2.41	2.01	2.14
23	2.07	1.45	1.77	1.54	0.93	1.24	1.89	1.48	1.67	2.49	2.20	2.31
24	2.08	1.48	1.79	1.60	0.88	1.24	1.83	1.43	1.62	3.13	2.49	2.82
25	2.16	1.49	1.83	1.47	0.96	1.24	1.73	1.45	1.56	---	---	---
26	2.05	1.51	1.78	1.53	0.98	1.25	1.59	1.41	1.48	---	---	---
27	2.00	1.46	1.74	1.58	1.05	1.32	1.49	1.35	1.40	---	---	---
28	1.97	1.51	1.75	1.56	1.14	1.35	1.55	1.25	1.42	---	---	---
29	1.91	1.48	1.69	1.48	1.28	1.38	1.52	1.24	1.39	---	---	---
30	1.81	1.50	1.65	1.42	1.15	1.32	1.69	1.37	1.53	---	---	---
31	---	---	---	1.35	0.97	1.17	1.84	1.45	1.65	---	---	---
MONTH	2.38	1.11	1.75	1.97	0.78	1.30	---	---	---	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1992 to current year.
WATER TEMPERATURES: May 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 44,200 microsiemens/cm, May 26, 2000; minimum recorded, 693 microsiemens/cm, July 18, 1997.
WATER TEMPERATURES: Maximum recorded, 37.8°C, June 26, 1996, Aug. 28, 1998; minimum recorded, -0.3°C, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 26,800 microsiemens/cm, May 12; minimum, 1,990 microsiemens/cm, Oct. 1, 2.
WATER TEMPERATURE: Maximum, 35.9°C, July 19; minimum, 5.9°C, Dec. 27.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2100	1990	2050	8850	6610	7450	14800	13200	13700	---	---	---
2	2090	1990	2050	8680	7330	7960	13500	11400	12700	---	---	---
3	2180	2090	2130	7920	6910	7590	13000	10900	12000	---	---	---
4	2330	2180	2270	7160	6740	6970	12500	11200	11800	---	---	---
5	2850	2320	2500	6740	5960	6360	12400	12000	12200	---	---	---
6	2640	2330	2460	6950	6310	6530	12200	11800	12100	---	---	---
7	2740	2400	2560	7130	6440	6740	12200	11100	11700	---	---	---
8	3110	2470	2740	7240	6480	6790	12100	11100	11700	---	---	---
9	3930	2960	3510	6950	6740	6840	11100	9840	10500	---	---	---
10	10700	3930	6530	6960	6690	6830	9940	8990	9540	---	---	---
11	14600	8410	10500	6950	6680	6840	9770	7860	9170	---	---	---
12	18900	8860	14000	6880	6760	6820	10200	7800	9080	---	---	---
13	23600	17200	20700	6890	6460	6720	13900	9520	11300	---	---	---
14	17200	8570	12400	6740	6520	6630	13700	9650	11500	---	---	---
15	16300	8040	12100	6860	6660	6760	10000	8900	9410	---	---	---
16	12400	7540	10300	7150	6770	6910	13300	9120	10500	---	---	---
17	10500	7790	9630	7170	6740	6910	13600	10700	12000	4590	3500	3960
18	9970	8330	9140	7180	6770	6940	10800	9890	10400	4500	3530	3910
19	10600	9020	9800	7270	6890	7100	10500	9100	10100	6390	3960	5110
20	10400	9090	9840	7320	6770	6960	9130	8240	8700	4070	3010	3480
21	9800	8600	9350	7100	6710	6950	8480	7060	7900	3470	2960	3250
22	9430	8620	9080	7680	6580	7070	9760	6580	7890	4280	3300	3610
23	10800	8140	9150	9970	6500	7150	8590	6880	7670	6580	4000	5030
24	10800	8850	10000	17100	8250	11700	7040	6440	6820	9780	5160	7740
25	10400	8130	9020	12100	8820	9860	6610	5910	6360	8280	4520	5300
26	8880	6870	7520	13700	10000	11800	6860	5370	6370	---	---	---
27	7410	6620	6950	14400	11300	13400	6990	5630	6500	---	---	---
28	7120	5860	6340	19900	13900	16900	6770	5540	6250	---	---	---
29	6610	5730	5990	23000	17200	19900	6460	4560	5620	7200	3910	5200
30	6070	5680	5870	19900	13800	15900	4960	4210	4520	11900	4890	7490
31	6670	5740	6290	---	---	---	4440	4140	4300	14300	7390	10300
MONTH	23600	1990	7510	23000	5960	8640	14800	4140	9360	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13900	7030	9080	---	---	---	14300	10100	12300	20700	14100	17400
2	7030	5210	6110	---	---	---	12500	10600	11700	21700	18200	20300
3	5920	4940	5310	---	---	---	12700	8180	10800	21700	19900	20800
4	5410	3480	4810	---	---	---	9970	7330	8650	21000	17400	19300
5	4200	2210	3090	---	---	---	8470	7330	7860	19800	13600	16900
6	2420	2230	2350	---	---	---	7590	5250	6190	23000	17400	20200
7	2560	2420	2510	---	---	---	9050	5310	7240	23700	20600	22500
8	2760	2550	2680	---	---	---	17100	9050	11700	24800	23700	24100
9	2900	2760	2830	---	---	---	11800	9620	10600	25000	23100	24300
10	---	---	---	---	---	---	11100	9570	10500	23900	22400	23300
11	---	---	---	---	---	---	10900	9260	9860	25600	23000	24500
12	---	---	---	---	---	---	11100	9090	10000	26800	24200	26000
13	---	---	---	---	---	---	10300	8500	9410	25600	21000	23700
14	---	---	---	---	---	---	9220	7890	8510	22400	16500	19500
15	---	---	---	---	---	---	9320	8280	8920	19700	15500	17800
16	---	---	---	---	---	---	11800	9220	10100	---	---	---
17	---	---	---	---	---	---	11100	9000	10500	23500	19000	21000
18	---	---	---	---	---	---	11900	9280	10600	20900	15900	18500
19	---	---	---	---	---	---	12800	9700	11000	15900	10400	13900
20	---	---	---	---	---	---	15100	10800	12200	12700	9470	11100
21	---	---	---	15100	11500	13500	16000	12500	13700	12500	9250	10700
22	---	---	---	11500	7380	9580	15600	12100	13500	11600	9920	10600
23	---	---	---	8540	6570	7550	13200	11300	12400	13500	10900	11800
24	---	---	---	9700	6580	7890	16200	12700	14200	15300	12100	13200
25	---	---	---	11900	7600	9520	16300	12400	13700	16700	14000	15200
26	---	---	---	12300	8650	10700	13800	7230	10600	16400	14000	15400
27	---	---	---	8650	7550	8000	18700	12700	16600	16400	14500	15600
28	---	---	---	10300	7820	8710	19700	15900	18500	16300	13200	15200
29	---	---	---	13900	8530	10900	17900	15400	16700	16900	14500	15500
30	---	---	---	15800	11400	13600	17100	14600	15800	17000	14700	15900
31	---	---	---	16300	13000	14400	---	---	---	18200	15400	16400
MONTH	---	---	---	---	---	---	19700	5250	11500	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18100	15800	16700	15400	13800	14800	8070	6010	6600	5040	3520	4330
2	17500	15200	16800	15100	14100	14600	8070	3940	5870	4800	4180	4500
3	19600	16200	17400	14800	13700	14300	8210	4040	5290	6080	4520	5400
4	22200	17300	19200	14500	10900	13200	5870	3600	4260	6440	4940	5750
5	22600	18000	20900	14300	6590	12400	5310	3840	4370	6990	5110	5950
6	21300	18200	19400	14400	6380	9680	5710	4540	5040	7630	5380	6660
7	20000	18900	19300	9930	6500	8060	5580	4470	4990	8270	7040	7760
8	19100	14300	17700	10900	7150	8780	5770	4480	5150	---	---	---
9	18400	15700	17200	10200	7320	9080	6090	5090	5450	---	---	---
10	20400	15900	17800	10100	6510	8410	6550	5640	6130	---	---	---
11	19300	15800	18200	9220	6730	8150	---	---	---	---	---	---
12	18600	14700	17200	9310	7280	8350	---	---	---	---	---	---
13	18800	14500	16500	9080	7390	8220	---	---	---	---	---	---
14	18200	14200	16600	9130	6100	7790	---	---	---	---	---	---
15	16800	13800	15300	9240	6440	7860	---	---	---	---	---	---
16	16700	12600	14800	9460	7220	8500	10300	7390	8800	---	---	---
17	16100	12100	13900	9850	7580	8620	10700	8080	9680	---	---	---
18	16300	12300	14300	9910	7160	8150	10700	8000	9740	---	---	---
19	17700	14800	16400	9380	6360	7500	11000	8330	9980	10400	7600	8890
20	16500	12800	15300	8820	5910	7170	10200	7850	9120	14200	10200	12000
21	16000	13500	14200	8950	5570	6860	9410	7710	8510	11800	9240	10800
22	14700	12900	13500	8050	5030	6220	8900	7480	8310	12200	9980	11200
23	14300	12200	13100	7200	4710	5980	8640	7250	8120	10500	9640	10000
24	14500	12800	13700	7550	4950	6060	8260	6500	7690	10500	9530	10100
25	15000	13800	14400	7240	4660	6030	8060	6690	7250	---	---	---
26	15100	13900	14600	7070	5550	6210	7450	5860	6580	---	---	---
27	16500	14000	15200	6990	5420	6290	6530	5500	6040	---	---	---
28	16700	14200	15300	7630	5530	6820	6550	5280	6020	---	---	---
29	16100	12000	14800	8250	5860	7290	5900	5070	5480	---	---	---
30	15800	13100	14700	7870	5680	6990	5970	4360	5250	---	---	---
31	---	---	---	8070	6290	7200	5580	3980	4730	---	---	---
MONTH	22600	12000	16100	15400	4660	8570	---	---	---	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	21.1	23.1	24.3	20.0	21.8	18.6	15.7	17.4	---	---	---
2	26.1	21.3	23.8	24.8	21.8	23.4	18.9	16.7	17.9	---	---	---
3	26.6	22.6	24.5	25.3	21.8	23.8	20.8	16.7	18.7	---	---	---
4	26.1	23.5	24.8	24.7	21.1	22.9	22.4	18.1	20.0	---	---	---
5	26.7	24.2	25.2	21.3	18.4	20.0	23.3	19.7	21.4	---	---	---
6	25.7	20.3	24.2	22.3	18.6	20.4	23.9	20.5	22.1	---	---	---
7	22.6	18.4	20.3	23.3	19.4	21.1	24.2	21.4	22.4	---	---	---
8	24.8	19.6	22.0	23.5	19.7	21.6	24.3	20.7	22.4	---	---	---
9	25.4	22.7	23.8	23.4	20.7	21.9	20.7	16.3	17.9	---	---	---
10	24.6	23.7	24.1	22.9	19.4	21.2	17.6	15.4	16.4	---	---	---
11	25.2	23.8	24.4	23.0	19.8	21.3	17.3	15.9	16.6	---	---	---
12	26.4	24.1	25.1	23.3	20.2	21.7	21.2	16.6	18.7	---	---	---
13	26.3	24.2	25.1	21.8	19.9	20.8	22.8	20.0	21.4	---	---	---
14	24.2	21.7	22.8	21.5	19.2	20.5	22.0	18.6	20.5	---	---	---
15	24.6	21.5	22.9	22.7	19.5	21.0	19.7	17.2	18.6	---	---	---
16	23.5	17.8	21.5	21.9	19.1	20.5	23.2	19.3	21.1	---	---	---
17	18.3	14.3	16.6	22.2	17.9	20.1	22.4	19.4	21.5	19.1	13.6	16.1
18	20.4	14.9	17.7	22.4	19.3	20.7	20.4	16.9	18.7	20.9	16.2	18.5
19	22.7	17.5	20.0	23.9	20.1	21.9	19.3	14.4	17.3	23.8	14.4	19.9
20	24.8	20.1	22.2	22.2	16.3	19.4	15.4	11.2	13.3	14.4	11.2	12.7
21	25.9	21.8	23.7	18.1	14.1	16.0	15.8	11.2	13.3	18.9	13.9	16.1
22	27.9	23.7	25.4	17.4	15.2	16.3	17.8	13.7	15.7	20.5	15.9	18.1
23	28.1	24.3	26.0	21.2	17.3	19.0	17.9	14.3	17.0	23.8	19.9	21.6
24	28.0	24.9	26.4	23.1	20.3	21.7	14.3	11.5	12.9	25.5	21.0	23.0
25	26.4	21.3	24.2	22.2	20.1	21.0	12.4	9.1	10.6	22.3	15.4	18.5
26	21.3	17.8	19.4	23.6	20.4	21.9	12.1	7.3	9.5	---	---	---
27	19.0	14.6	17.1	24.5	22.1	23.2	11.5	5.9	8.7	---	---	---
28	16.4	11.9	14.0	24.5	22.7	23.6	13.7	9.3	11.3	---	---	---
29	19.3	12.7	15.8	23.5	18.8	21.8	16.5	11.5	14.0	25.0	20.4	22.3
30	20.4	15.5	18.0	19.3	15.8	17.3	13.9	10.5	12.0	24.8	21.4	22.8
31	21.9	17.6	19.8	---	---	---	10.8	---	---	26.0	21.6	23.5
MONTH	28.1	11.9	22.1	25.3	14.1	20.9	24.3	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	24.0	9.9	17.6	---	---	---	23.3	20.4	21.3	29.4	25.2	27.3
2	15.8	9.1	12.4	---	---	---	24.1	19.6	22.0	29.6	25.6	27.7
3	15.2	12.6	14.0	---	---	---	28.3	22.8	25.2	29.9	26.3	28.2
4	14.5	11.7	12.9	---	---	---	22.8	16.8	19.6	31.2	26.8	29.0
5	11.7	9.5	10.5	---	---	---	21.2	14.5	18.0	32.9	27.9	30.1
6	11.5	10.4	11.0	---	---	---	19.9	15.1	17.6	31.1	27.4	29.2
7	11.9	7.8	9.7	---	---	---	22.8	16.0	19.7	30.8	27.0	28.7
8	12.1	7.5	9.5	---	---	---	23.8	20.5	21.8	30.5	26.4	28.2
9	15.5	9.1	12.1	---	---	---	22.0	19.6	20.6	31.0	27.0	28.7
10	---	---	---	---	---	---	25.3	20.1	22.4	31.4	27.6	29.3
11	---	---	---	---	---	---	23.7	22.3	23.0	31.0	26.6	28.9
12	---	---	---	---	---	---	25.2	21.6	23.1	30.7	26.3	28.3
13	---	---	---	---	---	---	25.1	22.3	23.5	29.1	24.6	27.7
14	---	---	---	---	---	---	24.8	22.2	23.3	25.4	20.0	22.6
15	---	---	---	---	---	---	25.8	22.4	24.2	26.3	21.6	23.9
16	---	---	---	---	---	---	27.2	23.7	25.5	---	---	---
17	---	---	---	---	---	---	28.4	24.7	26.5	29.1	26.1	27.4
18	---	---	---	---	---	---	29.6	25.4	27.4	27.0	19.4	23.5
19	---	---	---	---	---	---	30.7	25.8	28.0	23.8	15.8	19.6
20	---	---	---	---	---	---	29.9	25.8	27.9	22.9	17.6	20.5
21	---	---	---	24.4	17.6	21.3	29.5	25.3	27.5	24.7	20.0	22.5
22	---	---	---	18.2	13.4	16.0	32.3	25.8	28.8	25.6	21.0	23.3
23	---	---	---	19.8	11.9	15.4	30.2	27.5	28.8	26.9	21.5	23.8
24	---	---	---	22.1	15.5	18.5	30.6	26.2	28.4	27.9	22.9	25.0
25	---	---	---	24.9	18.9	21.7	32.1	26.0	28.8	28.6	24.5	26.5
26	---	---	---	25.7	19.6	23.4	29.6	25.7	27.7	30.1	25.5	27.7
27	---	---	---	22.8	16.0	19.4	29.1	25.6	27.4	30.9	26.4	28.5
28	---	---	---	23.4	18.9	21.4	29.5	25.7	27.6	31.0	26.8	28.8
29	---	---	---	25.0	21.1	23.1	30.1	26.3	28.2	31.4	27.5	29.4
30	---	---	---	25.8	23.0	24.3	30.1	26.5	28.3	30.0	27.4	28.7
31	---	---	---	25.0	23.3	24.1	---	---	---	30.9	26.8	28.7
MONTH	---	---	---	---	---	---	32.3	14.5	24.7	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.9	27.4	29.4	32.6	29.6	31.1	30.4	28.5	29.4	30.0	27.3	28.6
2	33.2	28.1	30.5	32.4	29.4	30.7	33.0	28.1	29.7	28.8	27.3	28.0
3	32.9	28.6	30.7	33.0	29.3	30.9	32.9	27.6	29.8	28.4	27.2	27.7
4	33.0	28.9	30.8	31.9	29.6	30.8	30.8	27.8	29.3	27.5	26.3	26.9
5	30.5	27.9	28.9	32.5	29.2	30.7	31.2	26.8	28.5	27.1	26.0	26.5
6	31.2	26.9	28.6	32.7	28.6	30.6	29.5	27.9	28.8	27.5	26.4	26.9
7	33.0	29.0	30.5	33.8	28.8	30.9	33.4	27.9	30.2	27.0	25.8	26.1
8	31.4	29.3	30.3	31.3	28.8	29.9	33.6	29.9	31.7	---	---	---
9	31.2	28.8	29.9	32.8	28.1	30.1	31.1	28.1	29.6	---	---	---
10	30.4	27.4	28.7	33.4	29.0	31.0	29.4	26.2	27.7	---	---	---
11	31.3	27.2	29.2	34.4	29.4	31.7	---	---	---	---	---	---
12	32.9	28.2	30.4	33.3	29.8	31.4	---	---	---	---	---	---
13	34.0	29.1	31.6	30.7	28.2	29.6	---	---	---	---	---	---
14	33.3	29.5	31.3	30.6	28.1	29.2	---	---	---	---	---	---
15	31.5	26.6	29.1	31.8	28.6	29.9	31.2	---	---	---	---	---
16	29.9	26.7	28.4	34.7	29.1	31.4	32.1	28.2	30.0	---	---	---
17	30.8	26.0	28.1	35.8	30.1	32.7	32.6	28.8	30.5	---	---	---
18	30.7	26.6	28.5	33.2	30.7	32.0	32.0	29.5	30.8	32.2	---	---
19	29.4	27.6	28.5	35.9	28.8	31.8	32.0	29.6	30.9	31.4	28.3	29.8
20	30.4	27.3	28.8	35.3	30.6	33.0	33.0	29.6	31.1	31.1	28.2	29.5
21	31.3	27.0	28.8	34.6	30.2	32.2	32.9	29.6	31.1	32.2	29.1	30.4
22	29.2	26.2	27.7	32.0	28.9	30.1	31.4	29.3	30.3	31.8	28.8	30.2
23	28.0	25.6	26.5	35.0	27.8	31.0	32.5	29.1	30.6	28.8	26.3	27.5
24	30.4	26.1	28.1	34.0	29.4	31.8	33.9	29.8	31.8	27.2	24.0	25.5
25	30.5	27.6	29.0	32.6	29.0	30.5	33.5	30.8	31.9	---	---	---
26	29.1	27.8	28.4	32.9	28.1	30.3	32.9	29.2	30.9	---	---	---
27	29.6	26.9	28.2	34.0	29.9	31.9	32.5	29.0	30.8	---	---	---
28	30.2	27.0	28.6	34.4	30.2	32.1	33.4	29.6	31.3	---	---	---
29	32.5	27.8	29.9	31.6	29.7	30.5	32.4	29.1	30.5	---	---	---
30	32.8	28.8	30.7	29.7	28.3	29.1	32.7	28.4	30.3	---	---	---
31	---	---	---	31.3	27.6	29.2	30.5	28.1	29.2	---	---	---
MONTH	34.0	25.6	29.3	35.9	27.6	30.9	---	---	---	---	---	---

07380401 BAYOU LAFOURCHE SW OF DONALDSONVILLE, LA

LOCATION.--Lat 30°05'47", long 91°00'21", in sec. 35, T. 11 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge located 1.0 mi south of Marchand Drive (Hwy. 3089) and connecting Hwy. 1 and Hwy. 308.

PERIOD OF RECORD.--December 1996 to September 2000 (elevations only); October 2000 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Pumping plant at Mississippi River level pumps total flow of Bayou Lafourche from river except for small amounts of storm drainage during heavy runoff. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 535 ft^3/s, Mar. 2, 2001; maximum gage height, 11.85 ft, June 11, 2001; maximum negative discharge, -240 ft^3/s, June 11, 2001; minimum gage height, 3.79 ft, Mar. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum recordered discharge, 510 ft^3/s, Oct. 11; maximum recorded gage height, 8.84 ft, Oct. 11, Sept. 26; minimum recordered discharge, 19 ft^3/s, Apr. 9,minimum recorded gage height, 6.04 ft, Jan. 18.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	260	189	---	203	248	---	140	237	219	215	---	---
2	267	---	---	210	---	---	163	210	220	197	---	---
3	264	---	---	---	---	---	176	213	223	206	---	---
4	258	---	---	---	---	---	182	213	196	217	---	---
5	255	---	---	200	230	---	186	216	212	221	---	---
6	256	252	---	180	---	---	183	202	183	218	---	---
7	267	262	---	177	---	---	---	213	215	216	---	---
8	266	206	---	200	---	---	---	196	222	216	---	---
9	280	193	---	202	---	---	---	192	223	216	---	---
10	254	185	---	152	---	---	210	191	222	218	---	---
11	265	178	---	187	---	---	194	189	218	218	---	---
12	---	173	---	144	---	---	160	189	215	216	---	---
13	---	---	---	195	---	---	212	184	212	211	---	178
14	---	---	---	214	---	---	214	182	210	185	---	204
15	---	---	---	208	---	---	214	182	205	187	---	209
16	---	---	---	194	---	---	213	184	201	207	---	196
17	---	---	---	170	---	---	210	185	193	211	---	160
18	266	---	267	135	---	---	205	183	188	213	---	203
19	268	---	223	---	---	---	202	184	190	213	---	210
20	257	---	211	---	---	---	198	186	184	212	---	206
21	257	219	260	---	---	---	195	185	178	211	---	202
22	239	194	222	---	---	---	192	184	183	199	---	208
23	252	---	230	---	---	---	188	187	185	204	---	209
24	246	---	225	234	---	---	185	188	182	207	---	158
25	241	---	246	---	---	---	183	191	172	---	---	139
26	228	---	213	---	---	---	182	194	188	---	---	156
27	202	---	205	---	---	176	182	196	200	---	---	123
28	164	---	206	---	---	202	181	198	189	---	---	116
29	160	---	207	231	---	164	177	203	186	---	---	168
30	223	---	---	235	---	153	211	205	179	---	---	188
31	204	---	209	242	---	142	---	216	---	---	---	---
TOTAL	---	---	---	---	---	---	---	6078	5993	---	---	---

07380401 BAYOU LAFOURCHE SW OF DONALDSONVILLE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.45	7.60	7.64	7.39	7.71	7.76	7.46	7.92	7.83	7.90	7.84	7.94
2	7.47	7.56	7.69	7.52	7.61	7.49	7.31	7.65	7.85	7.59	7.85	7.96
3	7.47	7.62	7.75	7.40	7.28	7.40	7.30	7.64	7.89	7.78	7.85	7.81
4	7.43	7.60	7.70	7.31	7.25	7.63	7.30	7.63	7.66	7.77	7.85	7.63
5	7.36	7.65	7.75	7.48	7.30	7.60	7.32	7.67	7.81	7.84	7.86	7.94
6	7.41	7.71	7.69	7.64	7.42	7.58	7.35	7.52	7.46	7.81	7.87	7.66
7	7.46	7.75	7.59	7.27	7.43	7.57	7.39	7.70	7.83	7.79	7.67	7.72
8	7.46	7.69	7.66	7.26	7.44	7.57	7.48	7.50	7.95	7.80	7.74	7.44
9	7.68	7.66	7.67	7.40	7.46	7.58	7.50	7.46	7.95	7.78	7.84	7.92
10	7.68	7.58	7.67	7.14	7.46	7.56	7.68	7.43	7.93	7.79	7.90	8.06
11	8.08	7.51	7.70	7.21	7.46	7.57	7.80	7.40	7.89	7.83	7.91	8.07
12	7.64	7.51	7.68	7.34	7.46	7.74	7.41	7.38	7.85	7.86	7.78	8.07
13	7.53	7.38	7.65	7.28	7.46	7.65	7.64	7.38	7.81	7.85	7.89	7.71
14	7.82	7.39	7.67	7.62	7.52	7.61	7.62	7.36	7.77	7.68	7.88	7.89
15	7.35	7.20	7.72	7.62	7.63	7.61	7.61	7.37	7.70	7.71	7.40	7.98
16	7.13	7.16	7.74	7.62	7.86	7.60	7.58	7.36	7.64	7.79	7.69	7.96
17	7.42	7.42	7.82	7.51	7.84	7.61	7.54	7.40	7.53	7.83	7.62	7.54
18	7.53	7.45	7.85	6.77	7.77	7.62	7.50	7.43	7.45	7.82	7.55	7.97
19	7.58	7.38	7.54	7.35	7.69	7.64	7.46	7.45	7.53	7.83	7.45	8.04
20	7.54	7.26	7.29	7.45	7.61	7.67	7.44	7.47	7.50	7.84	7.78	8.05
21	7.55	7.25	7.62	7.48	7.59	7.65	7.43	7.46	7.41	7.85	7.86	8.05
22	7.57	7.21	7.64	7.47	7.47	7.64	7.40	7.47	7.37	7.80	7.58	8.05
23	7.55	7.29	7.54	7.50	7.46	7.66	7.37	7.48	7.47	7.81	7.85	8.08
24	7.55	7.31	7.59	7.50	7.66	7.67	7.34	7.48	7.41	7.88	7.70	7.55
25	7.58	7.26	7.63	7.50	7.48	7.48	7.31	7.50	7.31	7.70	7.91	7.26
26	7.66	7.19	7.46	7.50	7.57	7.59	7.28	7.54	7.46	7.64	7.91	8.62
27	7.68	7.21	7.41	7.51	7.65	7.25	7.27	7.57	7.76	7.73	7.90	8.01
28	7.66	7.23	7.43	7.51	7.64	7.50	7.25	7.60	7.63	7.85	7.89	7.23
29	7.64	7.27	7.40	7.52	---	7.47	7.20	7.65	7.68	7.73	7.89	7.50
30	7.65	7.46	7.37	7.54	---	7.52	7.49	7.68	7.34	7.76	7.90	7.81
31	7.60	---	7.36	7.60	---	7.53	---	7.77	---	7.83	7.92	---
MAX	8.08	7.75	7.85	7.64	7.86	7.76	7.80	7.92	7.95	7.90	7.92	8.62
MIN	7.13	7.16	7.29	6.77	7.25	7.25	7.20	7.36	7.31	7.59	7.40	7.23

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA

LOCATION.--Lat 29°47'52", long 90°49'21", in sec. 117, T. 15 S., R. 16 E., Lafourche Parish, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi upstream from Laurel Valley Canal.

PERIOD OF RECORD.--October 1984 to 1997, April 2002 to current year. April 1966 to September 1984, 1997 to March 2002 (elevations only). Unpublished records, May 1954 to July 1957, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder and Doppler flowmeter. Datum of gage is NAVD 88. Prior to October 1997 datum of gage is 1.22 ft lower.

REMARKS.-- Satellite telemetry at station. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Artificial control located about 1,000 ft downstream since Nov. 5, 1968. About 5.1 ft^3/s is diverted daily from the stream above weir for city of Thibodaux water supply. Satellite telemetry at station.

REVISIONS.--Minimum gage height has been revised to reflect the datum used prior to Oct. 1, 1997.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,450 ft^3/s, May 9, 1995; maximum gage height, 9.80 ft, June 7, 2001; minimum discharge, undetermined; minimum gage height, -0.40 ft, revised, Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 582 ft^3/s, Sept. 26; maximum gage height, 6.83 ft, Sept. 26; minimum discharge, 74 ft^3/s, June 23; minimum gage height, 3.59 ft, Aug. 16.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	200	259	243	232	---
2	---	---	---	---	---	---	---	189	253	242	234	---
3	---	---	---	---	---	---	---	205	256	234	232	---
4	---	---	---	---	---	---	---	227	---	243	228	---
5	---	---	---	---	---	---	207	236	---	240	221	177
6	---	---	---	---	---	---	204	215	---	231	229	175
7	---	---	---	---	---	---	220	212	---	233	232	172
8	---	---	---	---	---	---	288	219	---	238	240	192
9	---	---	---	---	---	---	365	211	---	235	234	197
10	---	---	---	---	---	---	297	219	---	233	229	172
11	---	---	---	---	---	---	324	211	---	232	231	180
12	---	---	---	---	---	---	340	202	---	234	278	186
13	---	---	---	---	---	---	285	209	---	231	259	186
14	---	---	---	---	---	---	267	187	---	248	242	157
15	---	---	---	---	---	---	253	224	---	236	225	176
16	---	---	---	---	---	---	260	---	---	---	228	182
17	---	---	---	---	---	---	261	---	---	---	305	210
18	---	---	---	---	---	---	258	226	---	---	290	194
19	---	---	---	---	---	---	254	182	187	---	264	192
20	---	---	---	---	---	---	244	210	195	---	225	176
21	---	---	---	---	---	---	240	232	207	---	204	158
22	---	---	---	---	---	---	241	220	199	---	---	155
23	---	---	---	---	---	---	232	240	175	---	---	158
24	---	---	---	---	---	---	231	240	195	---	---	167
25	---	---	---	---	---	---	231	238	213	243	---	218
26	---	---	---	---	---	---	230	241	226	258	---	501
27	---	---	---	---	---	---	224	238	253	239	---	412
28	---	---	---	---	---	---	231	229	281	228	---	292
29	---	---	---	---	---	---	197	236	281	228	---	214
30	---	---	---	---	---	---	188	241	255	239	---	187
31	---	---	---	---	---	---	---	271	---	230	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.87	4.02	4.06	4.16	3.90	4.33	4.17	4.24	4.41	4.27	3.90	---
2	3.86	4.01	4.09	4.23	3.86	4.69	4.16	4.30	4.39	4.24	3.91	---
3	3.88	4.00	4.10	4.18	3.82	4.40	4.15	4.31	4.38	4.25	3.88	---
4	3.92	4.01	4.12	4.15	3.88	4.25	4.13	4.32	---	4.29	3.86	---
5	3.95	4.03	4.12	4.27	4.11	4.21	4.13	4.32	---	4.27	3.85	3.64
6	3.95	4.06	4.13	4.42	4.17	4.19	4.13	4.33	---	4.26	3.88	3.65
7	3.95	4.08	4.12	4.29	4.18	4.20	4.13	4.35	---	4.27	3.91	3.66
8	3.96	4.10	4.12	4.20	4.17	4.19	4.29	4.37	---	4.26	3.96	3.81
9	3.98	4.09	4.12	4.19	4.17	4.22	4.46	4.35	---	4.26	3.87	3.79
10	4.04	4.09	4.13	4.19	4.19	4.21	4.31	4.34	---	4.26	3.84	3.94
11	4.12	4.08	4.13	4.17	4.18	4.20	4.39	4.32	---	4.27	3.89	4.03
12	4.22	4.07	4.14	4.18	4.18	4.28	4.42	4.33	---	4.28	4.04	3.89
13	4.42	4.06	4.15	4.18	4.19	4.26	4.30	4.34	4.36	4.27	3.83	3.66
14	4.78	4.06	4.17	4.19	4.19	4.20	4.26	4.33	4.35	4.35	3.71	3.63
15	4.29	4.05	4.16	4.20	4.19	4.18	4.24	4.35	4.32	4.34	3.65	3.61
16	4.06	4.02	4.17	4.23	4.22	4.19	4.23	---	4.31	4.30	3.66	3.88
17	3.94	4.02	4.23	4.24	4.25	4.21	4.20	---	4.30	4.30	3.99	4.10
18	3.96	4.05	4.22	4.21	4.25	4.24	4.15	4.38	4.29	4.33	3.96	4.08
19	3.98	4.07	4.18	4.15	4.24	4.22	4.16	4.36	4.29	4.31	3.82	3.86
20	3.99	4.06	4.08	4.16	4.26	4.21	4.16	4.35	4.35	4.30	3.70	3.71
21	4.00	4.05	4.07	4.20	4.22	4.12	4.17	4.35	4.40	4.31	3.65	3.70
22	4.00	4.06	4.13	4.21	4.19	3.85	4.18	4.36	4.34	---	---	3.72
23	4.00	4.09	4.19	4.22	4.15	3.80	4.17	4.37	4.33	---	---	3.70
24	4.00	4.09	4.15	4.22	4.15	3.78	4.18	4.38	4.35	---	---	3.75
25	4.00	4.08	4.14	4.20	4.18	3.80	4.20	4.38	4.36	3.97	---	4.08
26	4.01	4.07	4.15	4.18	4.19	4.01	4.20	4.37	4.40	4.05	---	6.13
27	4.03	4.06	4.12	4.18	4.17	4.16	3.98	4.37	4.52	3.98	---	5.18
28	4.04	4.06	4.14	4.20	4.18	4.11	3.77	4.38	4.57	3.93	---	4.39
29	4.04	4.08	4.14	4.23	---	4.13	3.96	4.37	4.50	3.90	---	3.97
30	4.04	4.04	4.13	4.24	---	4.15	4.17	4.38	4.41	3.98	---	3.86
31	4.03	---	4.13	4.00	---	4.17	---	4.44	---	3.92	---	---
MAX	4.78	4.10	4.23	4.42	4.26	4.69	4.46	---	---	---	---	---
MIN	3.86	4.00	4.06	4.00	3.82	3.78	3.77	---	---	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA

LOCATION.--Lat 29°34'06", long 90°23'07", in sec. 45, T. 17 S., R. 20 E., Lafourche Parish, Hydrologic Unit 08090302, on the right bank of stream, under U.S. Highway 1 bridge at Larose, 450 yards upstream from crossing of Bayou Lafourche.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind, tide, and boat traffic. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 3.01 ft, June 11, 2001; minimum recorded, -0.44 ft, Jan. 3, 2001. .

EXTREMES FOR CURRENT YEAR.--2000 W.Y.: Maximum elevation, 2.00 ft, Sept. 9; minimum, 0.07 ft, Apr. 9.
2001 W.Y.: Maximum elevation, 3.01 ft, June 11; minimum, -0.44 ft, Jan. 3.
2002 W.Y.: Maximum elevation, 2.92 ft, Oct. 13, 14; minimum, 0.19 ft, Feb. 27.

ELEVATION, in FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										1.26	0.85	1.09
2										1.33	1.12	1.23
3										1.56	1.23	1.40
4										1.62	1.39	1.50
5										1.65	1.36	1.52
6										1.70	1.49	1.58
7							1.06	0.93	0.99	1.67	1.46	1.58
8							1.03	0.41	0.74	1.68	1.37	1.53
9							0.48	0.07	0.23	1.65	1.39	1.52
10							0.60	0.17	0.36	1.65	1.34	1.50
11							0.72	0.39	0.53	1.60	1.13	1.46
12							0.90	0.54	0.72	1.81	1.45	1.56
13							0.93	0.62	0.78	1.77	1.30	1.60
14							0.77	0.45	0.59	1.58	1.00	1.30
15							0.78	0.54	0.64	1.17	0.93	1.06
16							0.85	0.57	0.70	1.17	0.80	1.01
17							0.69	0.38	0.55	1.41	0.94	1.15
18							0.57	0.35	0.45	1.70	1.23	1.53
19							0.67	0.38	0.51	1.79	1.39	1.63
20							0.81	0.53	0.68	1.80	1.46	1.62
21							0.75	0.36	0.54	1.71	1.42	1.56
22							0.50	0.20	0.33	1.60	1.28	1.40
23							0.96	0.36	0.57	1.39	1.10	1.26
24							1.01	0.81	0.92	1.40	1.12	1.26
25							0.90	0.52	0.65	1.49	1.18	1.32
26							0.61	0.36	0.49	1.69	1.39	1.51
27							0.64	0.37	0.49	1.88	1.58	1.73
28							0.67	0.46	0.56	1.84	1.41	1.60
29							0.68	0.43	0.55	1.47	1.08	1.28
30							0.93	0.62	0.74	1.37	1.03	1.18
31							---	---	---	1.44	1.13	1.29
MONTH							---	---	---	1.88	0.80	1.41

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.73	1.35	1.49	1.51	1.07	1.27	1.31	0.99	1.20	1.35	0.97	1.14
2	1.70	1.42	1.55	1.44	1.16	1.30	1.29	1.00	1.15	1.25	0.91	1.12
3	1.58	1.28	1.45	1.55	1.10	1.33	1.30	1.13	1.22	1.24	0.94	1.06
4	1.59	1.25	1.41	1.54	1.30	1.42	1.31	1.02	1.10	1.25	0.96	1.09
5	1.58	1.21	1.39	1.54	1.30	1.44	1.10	0.78	0.92	1.35	0.97	1.16
6	1.50	1.14	1.30	1.50	1.22	1.35	0.97	0.77	0.88	1.37	1.12	1.25
7	1.38	1.04	1.19	1.35	1.04	1.16	1.17	0.84	1.03	1.47	1.02	1.18
8	1.37	1.05	1.20	1.15	0.96	1.06	1.29	1.02	1.19	1.77	1.29	1.57
9	1.55	1.15	1.32	1.16	0.93	1.05	1.32	1.08	1.18	2.00	1.65	1.80
10	1.78	1.41	1.57	1.22	0.88	1.07	1.15	0.97	1.06	1.98	1.73	1.84
11	1.60	1.41	1.52	1.07	0.86	0.99	1.16	0.89	1.04	1.86	1.66	1.76
12	1.56	1.28	1.42	0.93	0.75	0.85	1.20	0.91	1.02	1.92	1.68	1.78
13	1.44	1.19	1.33	0.87	0.63	0.74	1.23	0.87	1.06	1.88	1.66	1.73
14	1.62	1.22	1.41	0.76	0.56	0.64	1.33	0.94	1.16	1.68	1.48	1.56
15	1.62	1.36	1.48	0.78	0.44	0.59	1.31	1.10	1.22	1.54	1.33	1.42
16	1.89	1.38	1.63	0.82	0.49	0.67	1.25	0.93	1.03	1.56	1.23	1.42
17	1.93	1.53	1.75	0.91	0.59	0.72	0.99	0.76	0.88	1.45	1.23	1.35
18	1.90	1.58	1.74	0.85	0.59	0.71	0.94	0.73	0.85	1.56	1.25	1.42
19	1.83	1.51	1.68	0.81	0.56	0.67	0.97	0.65	0.78	1.69	1.38	1.56
20	1.80	1.46	1.60	0.71	0.49	0.59	0.86	0.54	0.72	1.73	1.46	1.58
21	1.66	1.35	1.48	0.75	0.50	0.61	0.95	0.53	0.74	1.73	1.40	1.58
22	1.51	1.16	1.30	0.91	0.67	0.74	1.13	0.67	0.92	1.81	1.49	1.66
23	1.21	0.86	1.04	0.97	0.66	0.83	1.22	0.84	1.05	1.90	1.59	1.76
24	1.06	0.89	0.96	0.78	0.53	0.67	1.35	0.94	1.12	1.83	1.65	1.72
25	1.11	0.84	0.95	0.87	0.57	0.72	1.32	1.00	1.16	1.69	1.37	1.56
26	1.21	0.90	1.07	1.00	0.68	0.87	1.33	0.94	1.16	1.45	0.93	1.13
27	1.27	1.02	1.15	1.16	0.77	0.95	1.32	1.02	1.17	0.84	0.56	0.78
28	1.38	1.07	1.21	1.17	0.83	1.01	1.31	1.05	1.17	0.87	0.61	0.78
29	1.36	1.05	1.21	1.22	0.88	1.05	1.23	0.90	1.05	0.98	0.71	0.87
30	1.36	1.02	1.19	1.29	0.96	1.13	0.99	0.70	0.81	1.12	0.85	1.03
31	---	---	---	1.40	0.97	1.18	1.34	0.87	1.05	---	---	---
MONTH	1.93	0.84	1.37	1.55	0.44	0.95	1.35	0.53	1.04	2.00	0.56	1.39

ELEVATION, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.29	1.02	1.19	1.72	1.41	1.56	1.01	0.71	0.88	0.01	-0.25	-0.13
2	1.43	1.17	1.32	1.89	1.51	1.74	0.98	0.58	0.82	-0.04	-0.41	-0.21
3	1.44	1.20	1.32	1.87	1.65	1.75	0.61	0.03	0.29	-0.22	-0.44	-0.35
4	1.51	1.18	1.37	1.87	1.58	1.71	0.32	0.13	0.25	-0.13	-0.41	-0.31
5	1.54	1.32	1.44	1.74	1.49	1.59	0.51	0.23	0.37	0.09	-0.20	-0.10
6	1.94	1.35	1.58	2.08	1.48	1.77	0.77	0.36	0.56	0.16	-0.09	0.01
7	---	---	---	2.13	1.82	1.98	0.82	0.40	0.60	0.41	0.06	0.20
8	---	---	---	2.16	1.86	1.99	0.75	0.43	0.62	0.57	0.15	0.39
9	---	---	---	2.35	1.99	2.23	0.75	0.46	0.63	0.31	0.02	0.16
10	---	---	---	2.06	1.63	1.87	0.90	0.52	0.75	0.32	0.10	0.21
11	0.69	0.46	0.53	1.75	1.43	1.60	0.99	0.78	0.90	0.56	0.18	0.41
12	0.75	0.51	0.62	1.59	1.39	1.50	1.19	0.65	0.97	0.43	0.00	0.23
13	0.97	0.65	0.80	1.88	1.48	1.63	---	---	---	0.42	0.07	0.29
14	1.11	0.88	1.00	1.56	0.88	1.23	---	---	---	0.65	0.32	0.51
15	1.23	1.00	1.13	1.12	0.86	0.99	---	---	---	0.57	0.42	0.49
16	1.36	1.11	1.25	1.63	0.92	1.31	---	---	---	0.55	0.44	0.50
17	1.45	1.14	1.33	1.66	1.37	1.54	---	---	---	0.72	0.42	0.55
18	1.45	1.03	1.27	1.65	1.34	1.48	---	---	---	0.83	0.58	0.71
19	1.30	0.96	1.14	1.50	1.19	1.38	---	---	---	1.04	0.70	0.89
20	1.29	0.95	1.13	1.25	0.97	1.15	0.13	-0.24	-0.10	0.74	0.04	0.31
21	1.30	1.04	1.19	0.99	0.59	0.83	0.53	0.03	0.32	0.18	-0.10	0.04
22	1.50	1.12	1.35	0.63	0.47	0.55	0.37	-0.12	0.12	0.15	-0.19	0.00
23	1.64	1.36	1.53	0.92	0.53	0.65	0.25	0.06	0.14	0.08	-0.20	-0.07
24	1.64	1.47	1.55	1.47	0.89	1.25	0.44	0.07	0.29	0.15	-0.13	0.00
25	1.57	1.38	1.50	1.49	1.14	1.33	0.48	0.15	0.33	0.14	-0.18	-0.04
26	1.68	1.49	1.57	1.27	0.97	1.15	0.55	0.34	0.47	0.14	-0.12	0.03
27	1.66	1.42	1.56	1.16	0.82	1.03	0.87	0.49	0.75	0.28	0.07	0.18
28	1.61	1.37	1.54	1.10	0.84	0.99	1.03	0.55	0.81	0.50	0.13	0.35
29	1.60	1.35	1.49	1.15	0.85	1.00	0.60	0.06	0.31	0.95	0.44	0.73
30	1.63	1.31	1.49	1.04	0.71	0.89	0.16	-0.30	-0.07	0.93	0.61	0.80
31	1.63	1.36	1.51	---	---	---	-0.14	-0.33	-0.21	0.82	0.52	0.70
MONTH	---	---	---	2.35	0.47	1.39	---	---	---	1.04	-0.44	0.24

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	0.74	0.27	0.54	---	---	---	1.27	1.03	1.15	1.45	1.19	1.33
2	0.64	0.12	0.36	---	---	---	1.36	1.09	1.21	1.57	1.31	1.44
3	0.30	-0.01	0.14	---	---	---	1.48	1.29	1.39	1.61	1.40	1.52
4	0.38	-0.02	0.15	---	---	---	1.52	1.33	1.42	1.59	1.40	1.52
5	0.28	-0.03	0.12	---	---	---	1.61	1.34	1.45	1.64	1.46	1.56
6	0.27	-0.02	0.13	---	---	---	1.56	1.39	1.50	1.65	1.39	1.54
7	0.40	0.16	0.31	0.57	0.32	0.45	1.73	1.53	1.64	1.61	1.44	1.51
8	0.61	0.28	0.50	0.58	0.40	0.47	1.80	1.63	1.71	1.60	1.34	1.46
9	0.87	0.52	0.73	1.02	0.58	0.85	1.76	1.55	1.66	1.56	1.30	1.44
10	0.87	0.34	0.62	0.81	0.59	0.69	1.69	1.50	1.61	1.57	1.25	1.44
11	0.45	0.25	0.35	1.28	0.73	0.99	1.91	1.62	1.73	1.62	1.28	1.48
12	---	---	---	1.64	1.20	1.43	1.94	1.73	1.84	1.60	1.29	1.46
13	---	---	---	1.60	1.27	1.45	1.92	1.61	1.77	1.51	1.13	1.35
14	---	---	---	1.50	1.09	1.28	1.74	1.45	1.58	1.40	1.13	1.25
15	---	---	---	1.57	1.41	1.50	1.59	1.35	1.45	1.31	1.00	1.17
16	---	---	---	1.56	1.20	1.38	1.44	1.20	1.33	1.23	0.95	1.10
17	---	---	---	1.28	0.96	1.12	1.41	0.99	1.26	1.22	0.98	1.12
18	---	---	---	1.16	0.91	1.04	1.06	0.52	0.76	1.43	1.17	1.31
19	---	---	---	1.09	0.91	1.01	0.82	0.52	0.68	1.50	1.21	1.38
20	---	---	---	1.08	0.60	0.89	1.13	0.81	0.96	1.38	1.08	1.27
21	---	---	---	0.66	0.34	0.50	1.50	1.13	1.33	1.57	1.18	1.39
22	---	---	---	0.45	0.30	0.37	1.68	1.43	1.55	1.54	1.17	1.38
23	---	---	---	0.61	0.40	0.50	1.68	1.49	1.60	1.26	0.93	1.07
24	---	---	---	0.91	0.60	0.77	1.61	1.40	1.52	1.26	0.86	1.09
25	---	---	---	0.96	0.61	0.82	1.53	1.00	1.23	1.24	0.94	1.12
26	---	---	---	0.63	0.45	0.54	1.09	0.84	0.95	1.23	0.93	1.09
27	---	---	---	0.71	0.46	0.56	1.09	0.80	0.97	1.33	0.91	1.15
28	---	---	---	1.27	0.70	0.98	1.19	0.90	1.01	1.35	1.05	1.20
29	---	---	---	1.59	1.23	1.46	1.27	0.93	1.10	1.41	1.05	1.26
30	---	---	---	1.59	1.36	1.44	1.36	1.03	1.20	1.31	1.02	1.19
31	---	---	---	1.38	1.20	1.28	---	---	---	1.45	1.10	1.22
MONTH	---	---	---	---	---	---	1.94	0.52	1.35	1.65	0.86	1.32

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.39	1.01	1.22	1.44	1.18	1.31	1.26	0.94	1.09	1.56	1.24	1.41
2	1.22	0.91	1.04	1.60	1.24	1.41	1.25	0.95	1.10	1.62	1.38	1.49
3	1.28	0.95	1.11	1.63	1.39	1.50	1.36	1.05	1.18	1.58	1.37	1.48
4	1.60	1.11	1.36	1.62	1.39	1.51	1.51	1.15	1.33	1.50	1.28	1.39
5	1.91	1.48	1.62	1.62	1.39	1.50	1.64	1.39	1.49	1.45	1.13	1.26
6	2.69	1.76	2.13	1.60	1.35	1.45	1.79	1.47	1.61	---	---	---
7	2.64	2.36	2.50	1.51	1.28	1.38	1.89	1.69	1.78	1.42	1.17	1.29
8	2.65	2.36	2.51	1.42	1.20	1.30	1.93	1.56	1.71	1.55	1.24	1.43
9	2.62	2.38	2.49	1.31	1.05	1.18	1.61	1.41	1.49	1.64	1.33	1.49
10	2.95	2.35	2.51	1.17	0.96	1.04	1.49	1.20	1.34	1.51	1.25	1.38
11	3.01	2.78	2.92	1.07	0.79	0.93	1.33	1.16	1.22	1.25	0.97	1.16
12	2.87	2.44	2.65	1.01	0.78	0.92	1.35	1.14	1.23	1.31	0.87	1.13
13	2.53	2.23	2.36	0.98	0.73	0.84	1.40	1.11	1.23	1.56	1.17	1.38
14	2.32	2.17	2.23	0.84	0.64	0.75	1.32	1.12	1.23	1.68	1.38	1.52
15	2.25	2.03	2.14	0.95	0.64	0.79	1.36	1.05	1.20	1.69	1.42	1.55
16	2.07	1.76	1.93	1.19	0.79	1.01	1.43	1.06	1.26	1.65	1.47	1.56
17	1.81	1.46	1.65	1.43	1.07	1.23	1.35	1.09	1.24	1.55	1.38	1.48
18	1.59	1.37	1.48	1.34	1.10	1.21	1.36	1.06	1.21	1.59	1.37	1.46
19	1.58	1.35	1.45	1.40	1.03	1.22	1.36	1.08	1.22	1.73	1.53	1.63
20	1.53	1.23	1.40	1.34	1.10	1.23	1.34	1.08	1.21	1.60	1.31	1.49
21	1.46	1.18	1.35	1.26	1.00	1.13	1.31	1.13	1.21	1.56	1.28	1.44
22	1.40	1.25	1.32	1.26	1.00	1.13	1.29	1.11	1.19	1.59	1.33	1.47
23	1.41	1.19	1.29	1.36	1.06	1.19	1.43	1.19	1.33	1.64	1.37	1.53
24	1.39	1.19	1.30	1.51	1.23	1.35	1.46	1.13	1.32	1.67	1.41	1.53
25	1.45	1.18	1.32	1.68	1.42	1.55	1.41	1.11	1.28	1.47	1.08	1.29
26	1.54	1.26	1.41	1.79	1.54	1.64	1.47	1.10	1.28	1.20	1.02	1.11
27	1.54	1.27	1.41	1.73	1.48	1.59	1.40	1.08	1.23	1.25	0.95	1.12
28	1.33	1.00	1.19	1.55	1.29	1.43	1.42	0.99	1.22	1.29	1.03	1.16
29	1.25	1.03	1.14	1.40	1.26	1.32	1.47	1.02	1.24	1.29	0.99	1.16
30	1.38	1.05	1.25	1.34	1.15	1.26	1.42	1.14	1.30	1.40	0.93	1.21
31	---	---	---	1.26	1.08	1.15	1.51	1.23	1.37	---	---	---
MONTH	3.01	0.91	1.72	1.79	0.64	1.24	1.93	0.94	1.30	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.30	1.16	1.24	1.43	1.20	1.31	1.70	1.36	1.55	1.12	0.92	1.01
2	1.23	1.07	1.15	1.62	1.33	1.46	1.54	1.19	1.40	1.00	0.57	0.80
3	1.27	1.13	1.20	1.66	1.39	1.54	1.40	1.07	1.23	0.64	0.31	0.49
4	1.41	1.18	1.29	1.65	1.33	1.52	1.30	1.06	1.18	0.45	0.31	0.38
5	1.50	1.29	1.42	1.61	1.23	1.43	1.34	1.08	1.24	1.26	0.36	0.71
6	1.68	1.37	1.55	1.54	1.25	1.39	1.34	1.06	1.21	1.33	0.90	1.14
7	1.41	1.11	1.30	1.48	1.23	1.35	1.26	1.04	1.14	0.90	0.50	0.72
8	1.44	1.13	1.34	1.57	1.23	1.42	1.22	1.05	1.15	0.53	0.32	0.41
9	1.70	1.26	1.56	1.53	1.20	1.39	1.09	0.67	0.88	0.47	0.31	0.39
10	2.04	1.68	1.88	1.37	1.07	1.25	0.88	0.70	0.76	0.61	0.40	0.49
11	2.44	1.91	2.14	1.34	1.05	1.22	0.96	0.76	0.86	0.77	0.59	0.68
12	2.41	2.24	2.31	1.29	1.08	1.21	1.19	0.95	1.05	0.86	0.59	0.72
13	2.92	2.36	2.58	1.38	1.18	1.29	1.39	1.15	1.25	0.79	0.59	0.70
14	2.92	2.49	2.75	1.50	1.27	1.40	1.57	1.20	1.40	0.98	0.68	0.86
15	2.54	2.28	2.38	1.57	1.29	1.44	1.37	1.13	1.26	0.96	0.62	0.81
16	2.36	1.98	2.21	1.58	1.20	1.42	1.44	1.24	1.37	0.86	0.65	0.75
17	2.02	1.52	1.75	1.43	1.00	1.23	1.66	1.38	1.54	0.82	0.65	0.74
18	1.70	1.36	1.54	1.22	0.89	1.09	1.41	1.03	1.23	0.87	0.69	0.78
19	1.59	1.33	1.47	1.23	0.84	1.04	1.24	1.03	1.14	0.97	0.70	0.85
20	1.58	1.31	1.43	1.10	0.69	0.92	1.05	0.55	0.79	0.86	0.53	0.63
21	1.58	1.30	1.46	0.95	0.71	0.83	0.81	0.57	0.72	0.79	0.60	0.69
22	1.57	1.34	1.45	1.34	0.81	1.09	1.27	0.74	0.98	0.85	0.55	0.65
23	1.63	1.34	1.52	1.63	1.34	1.54	1.44	1.21	1.35	1.04	0.75	0.88
24	1.74	1.50	1.64	1.85	1.54	1.72	1.23	0.87	1.02	1.29	0.87	1.03
25	1.80	1.43	1.63	1.78	1.41	1.59	1.01	0.86	0.94	1.31	0.75	1.03
26	1.48	1.23	1.38	1.50	1.38	1.46	1.01	0.71	0.87	0.81	0.44	0.61
27	1.26	1.04	1.17	1.61	1.39	1.50	0.77	0.51	0.64	0.78	0.55	0.68
28	1.06	0.88	0.95	1.80	1.55	1.69	1.04	0.73	0.90	0.94	0.72	0.83
29	0.96	0.79	0.87	2.04	1.77	1.91	1.20	0.97	1.09	1.04	0.82	0.94
30	1.10	0.86	0.95	1.88	1.51	1.70	1.29	0.95	1.13	1.19	0.97	1.10
31	1.26	1.09	1.19	---	---	---	1.19	0.90	1.05	1.35	1.13	1.25
MONTH	2.92	0.79	1.57	2.04	0.69	1.38	1.70	0.51	1.11	1.35	0.31	0.77

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.36	0.86	1.15	1.44	0.44	0.84	1.52	1.25	1.36	1.68	1.42	1.53
2	0.89	0.37	0.60	1.74	1.42	1.59	1.48	1.16	1.29	1.79	1.58	1.65
3	0.63	0.39	0.50	1.77	1.13	1.50	1.47	1.23	1.34	1.80	1.63	1.73
4	---	---	---	1.15	0.52	0.80	1.38	1.01	1.16	1.82	1.57	1.69
5	---	---	---	0.53	0.24	0.40	1.08	0.74	0.89	1.67	1.41	1.53
6	---	---	---	0.63	0.40	0.49	0.91	0.71	0.82	1.67	1.50	1.58
7	---	---	---	0.80	0.49	0.62	1.24	0.88	1.00	1.69	1.54	1.62
8	---	---	---	1.07	0.72	0.86	1.87	1.23	1.51	1.80	1.62	1.74
9	---	---	---	1.23	1.02	1.15	2.02	1.81	1.90	1.88	1.74	1.81
10	---	---	---	1.18	0.58	0.86	1.83	1.59	1.72	1.81	1.65	1.70
11	---	---	---	0.90	0.62	0.72	1.72	1.61	1.66	1.83	1.62	1.71
12	---	---	---	1.20	0.89	1.08	1.79	1.67	1.74	1.90	1.70	1.80
13	---	---	---	1.07	0.71	0.84	1.74	1.48	1.61	1.86	1.68	1.75
14	0.68	0.41	0.53	1.11	0.77	0.98	1.61	1.43	1.50	1.78	1.36	1.51
15	0.76	0.46	0.63	1.37	1.11	1.23	1.61	1.43	1.50	1.50	1.22	1.33
16	0.83	0.57	0.72	1.43	1.26	1.34	1.69	1.46	1.54	---	---	---
17	0.59	0.44	0.52	1.42	1.24	1.34	1.68	1.51	1.58	---	---	---
18	0.88	0.51	0.64	1.44	1.24	1.35	1.62	1.43	1.52	1.62	1.21	1.42
19	1.30	0.86	1.04	1.54	1.25	1.37	1.58	1.39	1.48	1.29	0.89	1.06
20	1.49	1.27	1.41	1.71	1.43	1.55	1.58	1.35	1.47	1.10	0.90	1.00
21	1.55	1.26	1.39	1.74	1.26	1.51	1.58	1.39	1.48	1.10	0.98	1.05
22	1.51	1.07	1.32	1.26	0.74	0.97	1.58	1.34	1.46	1.16	1.03	1.09
23	1.12	0.72	0.90	0.86	0.58	0.73	1.51	1.24	1.37	1.35	1.11	1.26
24	0.90	0.69	0.82	1.11	0.78	0.92	1.46	1.27	1.38	1.45	1.22	1.33
25	1.08	0.85	0.96	1.43	1.11	1.24	1.43	1.23	1.35	1.64	1.30	1.46
26	1.21	0.76	1.07	1.50	1.20	1.37	1.42	1.19	1.29	1.67	1.44	1.53
27	0.80	0.19	0.45	1.24	0.85	1.02	1.66	1.27	1.44	1.67	1.44	1.56
28	0.45	0.24	0.36	1.14	0.91	1.05	1.75	1.61	1.67	1.68	1.45	1.57
29	---	---	---	1.35	1.05	1.22	1.70	1.51	1.60	1.71	1.48	1.58
30	---	---	---	1.50	1.19	1.30	1.61	1.40	1.51	1.76	1.54	1.63
31	---	---	---	1.61	1.33	1.49	---	---	---	1.81	1.60	1.68
MONTH	---	---	---	1.77	0.24	1.09	2.02	0.71	1.44	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.81	1.63	1.70	1.62	1.43	1.50	1.18	1.01	1.10	1.47	1.18	1.36
2	1.73	1.55	1.63	1.48	1.28	1.37	1.12	0.95	1.03	1.65	1.28	1.47
3	1.66	1.51	1.59	1.39	1.17	1.26	1.25	0.89	1.10	1.77	1.47	1.64
4	1.67	1.55	1.61	1.22	1.07	1.13	1.48	1.09	1.31	1.83	1.58	1.72
5	1.94	1.64	1.78	1.08	0.86	1.01	1.44	1.14	1.31	1.86	1.67	1.76
6	1.92	1.69	1.80	1.03	0.80	0.92	1.58	1.25	1.43	1.90	1.67	1.78
7	1.84	1.62	1.69	1.21	0.87	1.04	1.66	1.37	1.51	2.16	1.77	1.93
8	1.74	1.58	1.65	1.34	1.00	1.16	1.59	1.34	1.48	2.35	2.11	2.23
9	1.77	1.53	1.65	1.50	1.17	1.34	1.74	1.39	1.54	2.35	2.14	2.24
10	1.94	1.70	1.80	1.49	1.23	1.35	1.84	1.61	1.72	2.29	2.09	2.19
11	1.93	1.80	1.88	1.51	1.21	1.37	2.01	1.78	1.88	2.18	1.89	2.06
12	1.91	1.76	1.83	1.57	1.29	1.42	2.03	1.91	1.97	2.03	1.72	1.90
13	1.84	1.67	1.74	1.53	1.30	1.42	1.99	1.78	1.88	1.95	1.74	1.85
14	1.78	1.57	1.63	1.46	1.28	1.37	1.83	1.64	1.75	2.04	1.79	1.92
15	1.63	1.36	1.46	1.36	1.19	1.26	1.82	1.62	1.74	1.96	1.67	1.80
16	1.54	1.29	1.39	1.26	1.07	1.14	1.92	1.75	1.84	1.77	1.56	1.67
17	1.58	1.42	1.50	1.17	0.96	1.09	1.96	1.75	1.85	1.71	1.51	1.60
18	1.66	1.53	1.60	1.00	0.84	0.93	1.85	1.71	1.78	1.71	1.46	1.59
19	1.76	1.63	1.72	1.02	0.77	0.90	1.83	1.61	1.71	1.79	1.54	1.66
20	1.74	1.61	1.67	1.03	0.74	0.90	1.74	1.54	1.65	1.92	1.70	1.81
21	1.65	1.51	1.58	1.13	0.76	0.94	1.74	1.51	1.63	---	---	---
22	1.62	1.44	1.52	1.22	0.83	1.01	1.77	1.53	1.64	---	---	---
23	1.66	1.41	1.52	1.31	0.93	1.12	1.67	1.48	1.59	---	---	---
24	1.76	1.54	1.63	1.30	1.01	1.14	1.61	1.42	1.52	---	---	---
25	1.81	1.59	1.69	1.36	1.05	1.21	1.56	1.41	1.46	---	---	---
26	1.86	1.66	1.76	1.37	1.09	1.22	1.44	1.25	1.33	---	---	---
27	1.93	1.64	1.77	1.39	1.13	1.25	1.33	1.14	1.23	---	---	---
28	1.90	1.69	1.80	1.38	1.21	1.29	1.35	1.07	1.22	---	---	---
29	1.86	1.67	1.75	1.40	1.24	1.32	1.23	1.05	1.13	---	---	---
30	1.75	1.55	1.64	1.37	1.21	1.30	1.35	1.04	1.21	---	---	---
31	---	---	---	1.27	1.06	1.17	1.43	1.14	1.30	---	---	---
MONTH	1.94	1.29	1.67	1.62	0.74	1.19	2.03	0.89	1.51	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2000 to current year.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 17,800 microseimens/cm, Nov. 9, 2000; minimum, 175 microseimens/cm, July 4, 2001.
WATER TEMPERATURE: Maxmimum, 33.7°C, Aug. 19, 2000; minimum 5.6°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: 2000 W.Y.: Maximum, 12,400 microsiemens/cm, Sept. 8; minimum, 347 microsiemens/cm, Apr. 22.
2001 W.Y.: Maximum, 17,800 microsiemens/cm, Nov. 9; minimum, 175 microsiemens/cm, July 4.
2002 W.Y.: Maximum, 2,870 microsiemens/cm, May 3; minimum, 253 microsiemens/cm, Apr. 25.
WATER TEMPERATURE: 2000 W.Y.: Maximum, 33.7°C, Aug. 19; minimum, 19.5°C, Apr. 10.
2001 W.Y.: Maximum, 32.6°C, July 21, Aug. 25; minimum, 5.6°C, Jan. 4.
2002 W.Y.: Maximum, 33.4°C, July 21; minimum, 6.9°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										2850	779	1610
2										779	540	679
3										1320	544	862
4										3200	1320	2660
5										3860	3040	3390
6										6400	3860	5460
7							999	628	870	6780	6130	6520
8							658	572	635	6130	4090	5330
9							572	468	508	4330	2030	3530
10							559	492	537	2030	672	1380
11							516	481	495	780	621	666
12							500	431	458	1240	780	1080
13							449	425	432	2660	1240	1780
14							454	425	442	4260	2110	2920
15							440	424	432	2110	591	865
16							449	409	437	643	563	597
17							452	380	421	1100	587	670
18							419	381	404	2910	1100	1740
19							429	380	400	4910	2450	3590
20							1890	429	919	4920	3600	4500
21							2000	366	1300	4060	1770	3250
22							407	347	362	2920	1710	2090
23							966	359	429	5440	2920	4330
24							2100	966	1460	5640	4900	5270
25							2630	1140	1880	7040	5380	5780
26							2730	2060	2450	8470	6920	7680
27							2840	1100	1990	10200	8470	9510
28							3390	2040	2710	10400	7190	9200
29							4200	2930	3650	7440	6500	7210
30							4010	2680	3260	6500	4710	5500
31							---	---	---	6810	5810	6370
MONTH							---	---	---	10400	540	3740

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7660	6740	7150	647	534	573	5010	4180	4610	3370	1620	2480
2	9360	7520	8690	655	519	563	4180	2300	3430	4370	1640	2950
3	8480	6520	7790	573	526	547	2760	2150	2550	4040	2380	3180
4	6520	3840	5480	589	565	575	2150	945	1620	6590	3220	4890
5	3900	3610	3760	601	525	542	945	647	775	6860	5640	6280
6	3610	3070	3390	582	514	532	681	613	636	6040	2740	5140
7	3550	2860	3170	558	490	514	737	563	616	7710	2740	4290
8	4010	3000	3490	599	505	533	728	626	651	12400	4500	8340
9	4000	3300	3620	593	493	533	666	622	647	8750	4510	6260
10	7320	3590	5170	566	442	490	622	560	593	9220	6540	7910
11	11100	7310	9580	544	420	477	644	573	601	8540	6290	7220
12	10400	9010	9980	514	421	468	645	576	610	6420	4780	5440
13	10300	7500	9680	523	433	465	584	564	574	4820	3380	4060
14	9180	6610	8080	627	418	486	857	568	649	5580	3910	4720
15	7380	3080	5600	1130	436	638	1690	775	1290	5790	3840	4900
16	4960	2830	3730	1480	516	915	993	599	859	4350	2840	3590
17	3680	2950	3350	2120	1030	1500	654	600	626	4070	3400	3720
18	5300	2980	4220	2860	1460	1970	851	611	724	4280	3240	3780
19	6920	4440	5690	2830	1840	2170	1450	618	1080	6030	3500	4390
20	4950	2170	3740	2990	969	2020	1650	613	1020	7500	4120	5550
21	2180	948	1730	2800	1830	2250	1650	1100	1420	7080	5140	6270
22	1050	908	977	3470	2150	2760	1600	598	990	7400	4040	6070
23	948	792	850	4130	1410	2380	644	541	587	4180	1400	2710
24	892	751	807	1970	931	1390	579	539	559	3880	1420	2720
25	2420	839	1740	931	463	613	594	559	582	4460	3880	4160
26	2700	1380	2150	4820	874	1380	714	550	589	4080	2940	3390
27	1700	701	1140	4820	2670	2900	658	559	584	3400	2480	2920
28	703	555	619	3640	875	2020	1180	658	944	2430	2210	2330
29	645	497	561	2560	585	1050	1520	772	1090	2900	2310	2630
30	621	478	535	3360	1640	2290	1520	750	1180	3420	2590	3110
31	---	---	---	4700	3090	3750	3200	614	1180	---	---	---
MONTH	11100	478	4220	4820	418	1270	5010	539	1090	12400	1400	4510

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9300	3240	5510	13600	12500	13000	2040	1850	1970	709	651	679
2	11200	4430	7690	13600	12100	12600	1850	1200	1550	651	580	634
3	13700	9480	11300	12900	9320	11000	1500	1070	1320	612	570	589
4	16500	9930	12600	9320	9190	9260	1520	1390	1460	638	589	616
5	15800	12700	14100	9470	9230	9340	1530	1220	1400	618	493	564
6	---	---	---	9490	8760	9210	1260	1050	1100	1030	499	765
7	---	---	---	14000	8870	11200	1090	983	1070	1300	607	1090
8	---	---	---	15300	13800	14700	983	791	865	1630	454	1000
9	---	---	---	17800	14800	16800	893	786	836	545	460	496
10	---	---	---	17500	16500	17100	855	790	820	598	533	562
11	6360	5110	6010	17200	15200	15800	1650	773	982	596	541	567
12	6200	3800	4590	15200	12600	13400	2260	1450	1810	582	546	561
13	6410	3160	4310	12700	11000	12100	---	---	---	624	539	591
14	10200	3880	5370	11300	10400	11000	---	---	---	632	518	571
15	12500	5360	8850	10600	8350	9940	---	---	---	558	485	514
16	10500	5570	7490	9940	8470	9430	---	---	---	558	495	525
17	8150	6060	6720	8730	6250	7650	---	---	---	567	513	531
18	7280	6070	6690	7230	3350	4910	---	---	---	552	496	522
19	8060	7080	7450	5300	3350	4360	---	---	---	657	514	583
20	9970	8050	8860	6250	4520	5600	887	710	807	727	575	654
21	13400	9740	10700	5480	3860	4430	868	777	817	725	617	681
22	15500	8870	11200	3900	2380	2930	804	715	776	712	610	660
23	14500	9090	11200	2380	1550	2000	901	754	819	633	553	601
24	14000	9790	11600	2220	1630	1940	902	762	840	828	627	726
25	13200	10400	12200	1640	1070	1320	842	724	797	628	494	551
26	---	---	---	1670	1220	1360	871	703	802	517	469	494
27	---	---	---	2350	1670	2220	846	804	825	553	485	514
28	14900	13600	14300	2340	2100	2290	820	708	753	587	487	522
29	14900	13700	14300	2280	2060	2110	750	652	700	1050	505	643
30	13700	12800	13200	2140	1680	1950	786	694	736	951	478	587
31	13400	12700	13000	---	---	---	737	653	693	967	512	793
MONTH	---	---	---	17800	1070	8030	---	---	---	1630	454	625

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	543	498	532	---	---	---	359	340	350	748	532	605
2	519	464	484	---	---	---	359	333	348	642	504	554
3	569	489	525	---	---	---	369	321	341	1150	516	704
4	597	530	561	---	---	---	338	312	321	1660	1020	1330
5	570	478	524	---	---	---	349	303	319	2050	1600	1710
6	560	429	472	---	---	---	346	313	327	2260	1980	2150
7	560	468	493	456	400	416	333	309	316	2210	1900	2090
8	510	469	493	401	385	393	340	320	329	1900	1220	1580
9	1320	462	591	432	385	412	339	304	319	1270	536	948
10	1430	1180	1340	417	358	371	319	300	307	536	413	463
11	1180	454	631	375	368	372	340	298	310	439	413	423
12	---	---	---	414	356	375	338	308	316	441	398	414
13	---	---	---	365	309	333	342	308	320	508	441	488
14	---	---	---	384	364	373	360	324	338	488	426	452
15	---	---	---	388	352	370	359	297	320	434	418	424
16	---	---	---	383	334	350	357	344	349	425	392	408
17	---	---	---	381	349	359	388	350	375	402	360	385
18	---	---	---	403	350	380	363	339	348	1300	367	510
19	---	---	---	413	362	387	381	342	365	2140	1300	1740
20	---	---	---	412	372	391	383	342	360	3450	1680	2350
21	---	---	---	392	371	384	394	362	383	5420	3100	3970
22	---	---	---	385	361	376	880	361	420	5500	4370	5110
23	---	---	---	378	351	365	1720	848	1280	4370	436	2060
24	---	---	---	351	324	333	1960	1640	1750	700	425	517
25	---	---	---	333	322	327	1860	488	1380	864	451	711
26	---	---	---	361	330	348	488	331	353	452	395	411
27	---	---	---	396	343	368	505	350	371	466	388	421
28	---	---	---	360	322	332	669	505	595	1480	395	590
29	---	---	---	360	317	343	666	502	562	2660	1480	2070
30	---	---	---	344	310	328	642	447	528	2820	2240	2570
31	---	---	---	347	332	338	---	---	---	2550	747	1860
MONTH	---	---	---	---	---	---	1960	297	477	5500	360	1290

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1170	475	751	286	189	204	364	340	351	434	380	397
2	502	386	432	287	207	223	368	339	357	1960	379	815
3	2050	502	1080	228	196	204	371	330	348	2220	1960	2100
4	3780	2050	2800	198	175	187	366	339	354	2400	1700	2220
5	3770	2040	2430	209	179	190	355	336	347	1700	580	958
6	5500	1760	2950	275	209	234	950	354	509	525	491	508
7	4150	925	1730	262	215	240	4220	950	2480	516	431	463
8	1510	677	1190	226	206	216	3640	1840	2900	432	377	402
9	678	511	593	248	217	230	1840	822	1170	463	398	439
10	511	390	454	247	224	237	1980	1530	1810	531	444	494
11	391	340	367	266	219	236	1940	1480	1630	476	450	456
12	370	317	344	231	212	223	2180	1490	1790	460	431	448
13	320	283	300	252	202	217	2740	2180	2370	494	421	456
14	285	254	268	268	222	255	2880	1500	2440	488	467	479
15	258	241	248	237	211	223	1500	581	918	471	375	408
16	294	241	273	247	230	234	593	411	522	494	375	396
17	277	253	267	251	230	239	484	386	445	622	494	576
18	267	248	255	283	240	255	386	356	366	710	534	596
19	303	248	266	299	279	286	377	350	360	1170	530	876
20	293	274	287	285	234	255	383	343	365	1160	1020	1100
21	275	250	269	247	231	241	460	326	378	1020	544	694
22	278	232	250	265	236	243	327	313	320	1070	703	940
23	254	225	237	265	241	254	319	289	301	2450	1070	1830
24	253	233	244	276	251	270	297	280	288	2660	2170	2480
25	249	210	224	290	276	281	291	281	287	2170	815	1350
26	223	199	211	312	272	290	310	288	295	1470	691	972
27	235	196	216	363	287	315	321	303	313	1460	720	912
28	239	196	220	366	303	328	321	301	309	1470	1090	1330
29	215	193	206	362	329	342	399	309	325	1270	1210	1250
30	215	190	204	337	326	331	399	355	382	3520	1150	1720
31	---	---	---	348	333	338	394	357	370	---	---	---
MONTH	5500	190	652	366	175	252	4220	280	819	3520	375	936

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	344	312	331
2	---	---	---	---	---	---	---	---	---	339	291	319
3	---	---	---	---	---	---	---	---	---	374	317	346
4	---	---	---	---	---	---	---	---	---	371	342	353
5	---	---	---	---	---	---	---	---	---	360	327	338
6	---	---	---	---	---	---	---	---	---	351	312	328
7	---	---	---	---	---	---	---	---	---	370	332	357
8	---	---	---	---	---	---	---	---	---	370	357	365
9	---	---	---	---	---	---	---	---	---	357	321	335
10	---	---	---	---	---	---	---	---	---	351	326	344
11	---	---	---	---	---	---	---	---	---	370	342	354
12	---	---	---	---	---	---	1500	763	1150	362	345	356
13	---	---	---	---	---	---	763	552	662	379	355	363
14	---	---	---	---	---	---	678	462	554	365	352	358
15	---	---	---	---	---	---	546	461	503	359	346	351
16	---	---	---	---	---	---	558	504	528	368	343	353
17	---	---	---	---	---	---	633	510	579	381	352	366
18	---	---	---	---	---	---	577	522	541	377	347	363
19	---	---	---	---	---	---	610	507	558	366	345	358
20	---	---	---	---	---	---	609	480	560	367	354	358
21	---	---	---	---	---	---	563	506	530	396	355	371
22	---	---	---	---	---	---	519	416	481	387	377	382
23	---	---	---	---	---	---	427	370	395	381	360	369
24	---	---	---	---	---	---	412	370	389	381	359	367
25	---	---	---	---	---	---	499	412	465	380	360	374
26	---	---	---	---	---	---	499	358	447	409	362	382
27	---	---	---	---	---	---	372	349	356	379	355	367
28	---	---	---	---	---	---	364	334	350	406	356	378
29	---	---	---	---	---	---	358	295	317	424	391	412
30	---	---	---	---	---	---	332	301	310	411	365	377
31	---	---	---	---	---	---	352	309	327	382	367	373
MONTH	---	---	---	---	---	---	---	---	---	424	291	360

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	394	365	376	363	310	329	365	340	353	2060	446	1080
2	391	367	375	356	279	313	341	317	327	2870	1150	1950
3	369	348	357	551	282	327	362	320	339	2870	769	1810
4	---	---	---	827	535	702	336	309	323	792	352	612
5	---	---	---	835	392	562	327	304	313	359	320	340
6	---	---	---	468	388	406	315	299	304	337	304	315
7	---	---	---	567	468	538	311	284	299	318	305	311
8	---	---	---	482	373	400	314	271	289	335	303	319
9	---	---	---	399	362	371	323	275	298	308	300	304
10	---	---	---	400	348	375	321	294	305	326	301	314
11	---	---	---	380	339	353	319	295	304	321	310	315
12	---	---	---	374	351	361	336	308	323	312	300	307
13	---	---	---	400	353	379	333	296	319	312	299	308
14	313	287	299	366	355	359	321	289	305	334	309	319
15	305	279	295	361	357	359	294	269	280	330	296	308
16	284	274	279	376	349	359	272	267	269	---	---	---
17	316	273	289	465	349	386	286	269	278	---	---	---
18	363	307	332	418	379	393	292	269	282	326	292	309
19	324	283	304	426	376	403	276	269	272	322	287	297
20	296	273	282	417	383	402	275	262	269	331	303	320
21	275	268	273	406	393	399	280	261	265	303	292	296
22	306	262	270	404	348	391	299	270	278	296	291	293
23	336	273	308	392	351	374	303	270	284	315	293	306
24	308	287	297	387	371	379	300	261	282	317	285	297
25	299	264	279	448	387	415	286	253	261	317	306	313
26	294	267	285	442	382	413	303	269	290	321	305	313
27	303	284	293	382	343	356	284	256	274	315	308	312
28	319	303	307	372	330	343	472	255	275	367	312	343
29	---	---	---	387	353	374	737	268	445	342	325	333
30	---	---	---	353	328	336	446	283	310	335	325	330
31	---	---	---	351	334	341	---	---	---	343	322	334
MONTH	---	---	---	835	279	393	737	253	300	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	346	328	337	413	391	399	439	357	381	500	466	481
2	344	329	338	409	393	400	452	430	439	1800	497	803
3	338	324	330	400	378	390	435	407	417	1830	861	1170
4	356	328	344	416	378	393	414	395	406	1320	969	1060
5	352	339	344	421	388	406	449	397	424	1370	766	1150
6	353	336	343	409	386	400	449	418	434	766	497	538
7	362	339	349	410	375	388	450	397	432	557	499	511
8	380	342	361	381	371	375	707	400	489	1160	557	878
9	381	348	360	402	370	384	510	418	449	1390	1160	1300
10	358	343	349	395	372	383	682	461	521	1210	932	1060
11	377	355	367	386	361	370	1140	682	843	1160	931	1040
12	382	354	369	393	368	382	1210	1030	1100	1890	1160	1550
13	379	355	367	400	365	382	1040	1020	1030	2400	974	1770
14	387	366	377	408	375	391	1070	877	1010	1380	991	1090
15	390	376	382	403	369	386	1040	770	926	2260	1040	1650
16	377	363	370	375	364	369	852	772	823	1050	931	989
17	391	361	371	412	368	386	872	657	720	1250	968	1070
18	390	358	372	421	390	407	975	860	929	1760	1250	1440
19	375	357	367	425	383	405	916	754	842	1930	1240	1540
20	380	359	367	428	388	408	798	662	730	2540	1580	2020
21	381	360	368	432	407	421	702	604	671	---	---	---
22	383	364	375	409	377	394	604	507	556	---	---	---
23	388	374	382	430	363	402	509	441	483	---	---	---
24	380	365	374	363	336	349	441	398	424	---	---	---
25	380	360	368	339	322	330	407	392	399	---	---	---
26	385	371	380	522	321	373	468	405	427	---	---	---
27	387	364	374	606	362	442	507	460	475	---	---	---
28	388	367	376	379	365	374	540	507	531	---	---	---
29	417	373	395	419	379	401	550	502	525	---	---	---
30	403	382	392	413	377	396	515	453	493	---	---	---
31	---	---	---	412	365	389	498	434	469	---	---	---
MONTH	417	324	365	606	321	390	1210	357	606	---	---	---

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										25.4	24.4	24.8
2										25.7	24.6	25.0
3										25.6	24.9	25.2
4										25.7	24.9	25.3
5										26.0	25.3	25.6
6										26.6	25.3	25.9
7							22.5	21.6	22.2	27.0	26.1	26.5
8							22.6	21.5	22.2	27.9	26.3	27.0
9							21.5	20.2	20.7	27.8	26.9	27.3
10							20.2	19.5	19.9	28.4	27.1	27.7
11							20.7	19.9	20.3	28.6	27.7	28.1
12							22.0	20.7	21.3	29.0	28.2	28.5
13							22.2	21.6	21.8	29.4	28.4	28.8
14							21.6	21.3	21.5	29.3	28.2	28.7
15							22.7	21.2	21.8	28.8	27.9	28.3
16							23.2	22.1	22.6	29.0	27.8	28.4
17							23.8	22.6	23.2	28.6	28.2	28.4
18							24.9	23.3	23.9	28.6	27.9	28.2
19							25.1	24.1	24.6	29.1	28.1	28.5
20							25.2	24.4	24.8	28.9	28.5	28.7
21							25.3	24.3	24.8	29.4	28.5	28.7
22							24.9	23.9	24.5	29.4	28.4	28.8
23							24.7	24.0	24.2	29.8	28.8	29.3
24							24.5	23.6	24.0	29.9	28.9	29.4
25							24.7	23.3	23.9	30.3	29.2	29.7
26							24.8	23.4	24.2	30.4	29.6	29.9
27							24.7	23.8	24.3	30.5	29.7	30.0
28							24.8	23.8	24.3	31.0	29.6	30.1
29							25.1	23.4	24.4	31.1	30.0	30.4
30							25.3	24.3	24.8	31.2	30.0	30.7
31							---	---	---	31.0	30.2	30.6
MONTH							---	---	---	31.2	24.4	28.1

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.5	29.5	30.0	30.6	30.1	30.3	30.6	30.2	30.4	32.8	32.0	32.3
2	30.7	29.5	29.9	30.5	29.7	30.0	31.0	29.8	30.3	32.7	31.7	32.1
3	30.8	29.6	29.9	30.8	29.7	30.1	30.8	29.8	30.1	33.0	31.8	32.3
4	30.2	29.6	29.9	30.9	29.9	30.3	31.6	29.5	30.1	33.1	32.2	32.6
5	30.2	29.7	29.9	31.2	30.1	30.5	31.1	29.8	30.3	33.3	32.4	32.8
6	29.8	29.3	29.6	31.7	30.5	31.1	31.7	30.3	30.8	32.5	29.8	31.7
7	29.3	28.6	28.9	32.0	31.0	31.5	31.9	30.7	31.2	30.3	29.4	29.8
8	28.7	28.4	28.5	32.2	31.6	31.8	32.2	31.0	31.5	29.8	28.7	29.3
9	29.9	28.6	28.9	31.9	31.3	31.6	32.5	31.3	31.9	28.7	27.7	28.1
10	29.4	28.6	29.1	32.4	31.3	31.8	32.2	31.3	31.8	29.5	28.3	28.7
11	29.8	29.1	29.4	32.5	31.4	31.9	32.2	30.9	31.4	29.7	28.6	29.1
12	30.3	29.3	29.7	32.5	31.6	32.1	32.3	31.3	31.7	29.7	28.8	29.3
13	30.4	29.6	29.9	32.8	31.7	32.2	32.2	31.4	31.7	29.5	29.0	29.2
14	30.7	29.9	30.2	33.0	32.0	32.5	32.3	31.2	31.7	30.1	29.0	29.3
15	31.0	30.1	30.4	33.2	31.9	32.6	32.3	31.7	31.9	30.2	29.3	29.6
16	30.6	29.6	30.2	33.6	32.3	33.0	32.6	31.6	31.9	29.6	28.2	28.8
17	30.3	29.3	29.8	33.6	32.6	33.0	32.9	31.7	32.3	28.4	27.7	28.0
18	30.4	29.8	30.0	33.4	32.5	32.9	33.2	32.2	32.7	28.1	27.5	27.8
19	30.0	29.4	29.8	32.8	32.1	32.4	33.7	32.8	33.1	28.6	27.5	27.9
20	30.8	29.6	30.1	33.0	31.6	32.2	33.1	32.6	32.8	29.3	27.7	28.3
21	31.0	29.9	30.5	32.8	31.9	32.3	33.2	32.2	32.6	28.8	28.0	28.5
22	32.0	30.6	30.9	33.4	32.1	32.6	32.8	31.5	32.2	29.1	28.1	28.5
23	32.0	30.8	31.3	32.6	31.0	31.7	31.6	31.0	31.3	29.4	28.4	28.9
24	32.2	31.2	31.6	31.3	30.2	30.7	31.2	30.8	31.0	30.4	29.2	29.6
25	31.6	31.1	31.4	31.2	30.1	30.7	31.9	30.6	31.1	30.1	29.3	29.8
26	32.0	30.5	31.0	31.8	30.7	31.3	32.5	31.0	31.6	29.3	27.3	27.9
27	31.1	30.5	30.7	32.1	31.2	31.6	32.5	31.6	32.0	26.7	26.0	26.2
28	31.0	30.4	30.7	32.3	31.0	31.5	33.4	32.0	32.5	25.8	25.2	25.5
29	30.9	30.3	30.5	31.9	30.9	31.4	32.7	32.2	32.5	25.8	25.0	25.4
30	31.0	30.0	30.4	31.5	31.0	31.2	32.5	31.9	32.2	25.7	24.8	25.2
31	---	---	---	31.1	30.5	30.8	32.8	32.0	32.3	---	---	---
MONTH	32.2	28.4	30.1	33.6	29.7	31.6	33.7	29.5	31.6	33.3	24.8	29.1

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	24.8	25.3	25.0	24.4	24.7	15.4	15.1	15.2	8.3	7.9	8.0
2	26.5	24.7	25.5	24.9	24.5	24.8	15.7	15.0	15.4	7.9	6.9	7.5
3	27.1	25.4	26.2	25.0	24.4	24.7	15.0	13.9	14.5	6.9	6.0	6.5
4	27.7	26.4	26.9	24.6	24.1	24.4	13.9	13.3	13.5	6.6	5.6	6.1
5	28.2	26.9	27.5	24.5	24.1	24.3	13.3	12.2	12.6	6.9	6.0	6.4
6	---	---	---	24.4	24.0	24.1	12.8	12.3	12.5	7.6	6.7	7.1
7	---	---	---	24.3	23.8	24.0	13.0	12.4	12.7	8.8	7.4	7.9
8	---	---	---	24.5	23.9	24.2	13.2	12.9	13.1	9.2	8.4	8.8
9	---	---	---	24.5	23.3	23.9	13.5	12.8	13.2	9.2	8.4	8.9
10	---	---	---	23.3	21.9	22.7	14.0	13.2	13.6	9.9	9.2	9.6
11	19.5	18.7	19.0	21.9	20.9	21.4	15.0	13.8	14.4	10.2	9.2	9.7
12	19.1	18.0	18.6	21.3	20.4	20.8	15.0	14.3	14.7	10.2	9.6	9.9
13	19.5	18.4	18.9	20.7	19.2	20.1	---	---	---	10.3	10.0	10.1
14	20.9	19.0	19.8	19.2	17.6	18.3	---	---	---	11.0	10.2	10.5
15	21.7	19.8	20.5	17.6	16.8	17.2	---	---	---	11.0	10.8	10.9
16	22.6	20.7	21.6	17.1	16.5	16.9	---	---	---	11.9	11.0	11.4
17	23.7	21.9	22.7	16.5	15.6	16.1	---	---	---	11.9	11.4	11.6
18	23.6	22.9	23.2	15.6	13.4	14.7	---	---	---	13.2	11.9	12.5
19	23.6	23.1	23.3	13.7	13.2	13.5	---	---	---	13.6	12.8	13.3
20	23.9	23.0	23.4	13.2	12.0	12.8	11.5	10.7	11.2	12.8	11.6	12.3
21	24.3	23.3	23.6	12.1	11.5	11.9	11.1	10.6	10.9	11.6	10.9	11.2
22	24.7	23.7	24.2	12.3	11.5	11.9	10.7	9.6	10.2	11.1	10.3	10.7
23	24.4	24.2	24.3	12.7	11.8	12.2	10.2	9.6	9.8	10.9	10.4	10.7
24	24.3	23.8	24.1	14.0	12.6	13.3	10.4	9.6	9.9	11.5	10.7	11.0
25	24.7	23.7	24.1	14.1	13.7	13.9	10.5	9.8	10.1	11.1	10.4	10.8
26	---	---	---	14.7	13.8	14.3	10.8	9.9	10.4	11.3	10.8	11.0
27	---	---	---	15.2	14.3	14.7	11.9	10.6	11.3	12.1	11.3	11.7
28	25.0	24.3	24.5	15.1	14.5	14.7	11.9	10.8	11.3	13.0	11.9	12.4
29	25.1	24.0	24.6	15.6	14.7	15.2	10.8	9.8	10.4	14.2	12.9	13.5
30	24.8	24.3	24.5	15.8	15.2	15.4	9.8	8.9	9.3	14.3	13.4	13.8
31	24.9	24.4	24.6	---	---	---	8.9	8.3	8.7	14.5	14.0	14.3
MONTH	---	---	---	25.0	11.5	18.4	---	---	---	14.5	5.6	10.3

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	13.6	13.8	---	---	---	19.5	18.0	18.7	24.4	23.9	24.1
2	13.6	13.0	13.4	---	---	---	20.5	19.2	19.6	25.0	23.9	24.4
3	13.0	12.1	12.5	---	---	---	21.0	20.0	20.4	25.0	24.4	24.7
4	12.2	11.4	11.9	---	---	---	22.3	20.9	21.5	25.2	24.4	24.8
5	12.3	11.6	11.9	---	---	---	23.6	22.2	22.7	25.4	24.6	24.9
6	13.1	11.8	12.4	---	---	---	24.0	22.9	23.4	25.5	24.5	24.9
7	13.9	12.9	13.4	17.6	16.9	17.2	24.6	23.4	24.0	26.1	24.9	25.4
8	15.0	13.6	14.3	18.0	16.7	17.4	25.2	24.0	24.5	25.7	25.3	25.5
9	17.3	14.8	15.8	18.3	17.7	17.9	25.4	24.6	24.9	26.5	25.2	25.7
10	17.2	16.3	16.8	17.8	16.9	17.4	26.1	25.0	25.5	26.6	25.6	26.0
11	16.3	15.7	15.9	17.6	17.0	17.4	26.0	25.4	25.7	26.4	26.0	26.1
12	---	---	---	18.1	17.5	17.8	26.7	25.7	26.2	27.1	25.7	26.2
13	---	---	---	18.4	17.4	17.8	26.9	26.0	26.4	27.2	26.2	26.7
14	---	---	---	18.9	18.0	18.5	27.5	26.4	26.9	27.9	26.8	27.2
15	---	---	---	19.2	18.0	18.5	28.0	26.8	27.3	28.0	27.1	27.6
16	---	---	---	19.0	18.0	18.4	27.7	27.0	27.3	28.6	27.5	28.0
17	---	---	---	18.4	17.0	17.8	27.4	25.7	26.8	28.5	27.9	28.2
18	---	---	---	17.0	16.1	16.5	25.7	23.7	24.5	28.6	28.0	28.3
19	---	---	---	17.1	15.8	16.5	23.7	22.5	23.1	28.9	27.9	28.4
20	---	---	---	17.1	16.4	16.8	23.9	22.7	23.3	29.0	28.3	28.6
21	---	---	---	16.9	15.8	16.4	24.6	23.7	24.1	29.0	27.8	28.3
22	---	---	---	17.6	16.1	16.8	24.3	23.6	23.9	28.3	27.6	28.0
23	---	---	---	18.4	16.8	17.6	24.1	23.3	23.8	28.8	27.1	27.7
24	---	---	---	19.1	17.9	18.5	24.1	23.6	23.9	27.9	26.9	27.5
25	---	---	---	18.9	18.3	18.6	23.6	22.9	23.3	28.3	27.3	27.7
26	---	---	---	18.4	17.6	18.1	23.9	23.3	23.6	28.9	27.4	28.0
27	---	---	---	18.2	17.5	17.8	23.8	23.0	23.4	28.7	27.9	28.3
28	---	---	---	17.8	16.3	17.0	24.2	23.4	23.7	28.7	28.1	28.4
29	---	---	---	16.7	16.1	16.4	24.4	23.5	23.9	29.2	28.2	28.7
30	---	---	---	17.3	16.5	16.9	24.4	23.7	24.0	30.1	28.7	29.3
31	---	---	---	18.2	16.8	17.5	---	---	---	30.0	29.5	29.7
MONTH	---	---	---	---	---	---	28.0	18.0	24.0	30.1	23.9	27.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	29.3	29.7	29.7	29.0	29.4	31.9	31.3	31.6	30.1	29.6	29.8
2	30.2	29.3	29.7	29.7	29.3	29.4	31.3	30.3	30.7	30.0	29.7	29.8
3	30.3	29.5	29.9	30.7	29.5	30.0	30.7	29.8	30.1	30.3	29.4	29.8
4	30.2	29.6	30.0	30.6	30.0	30.2	30.6	29.8	30.2	31.2	29.8	30.1
5	30.0	28.9	29.4	30.2	29.3	29.8	31.8	30.5	31.1	30.4	29.8	30.1
6	28.9	27.5	28.4	29.4	29.0	29.2	31.3	30.6	31.0	30.4	29.7	30.1
7	27.5	26.7	27.1	29.8	28.8	29.3	30.6	30.0	30.3	30.2	29.6	29.9
8	26.7	26.2	26.4	31.1	29.3	30.0	30.2	29.8	30.0	29.6	28.8	29.2
9	26.2	25.6	25.9	31.5	30.3	30.8	30.2	29.6	29.9	29.1	28.4	28.6
10	25.6	24.8	25.2	32.2	30.9	31.5	30.3	29.6	29.9	29.0	27.9	28.3
11	25.6	24.5	25.0	31.9	31.2	31.6	30.0	29.4	29.8	28.9	28.2	28.6
12	27.0	25.3	26.1	31.2	30.6	30.9	29.4	29.0	29.3	28.8	28.4	28.6
13	28.5	27.0	27.7	30.6	30.0	30.3	29.2	28.6	29.0	29.0	28.1	28.5
14	29.0	28.2	28.6	30.6	29.8	30.2	28.9	28.3	28.6	28.7	28.0	28.3
15	29.5	28.6	29.0	31.3	30.1	30.7	29.3	28.5	28.8	28.4	27.7	28.0
16	30.1	29.1	29.6	31.7	30.9	31.3	29.6	29.0	29.3	28.4	27.6	28.0
17	30.8	29.7	30.2	31.5	31.0	31.3	30.6	29.4	29.9	28.6	27.7	28.0
18	30.6	30.1	30.3	31.9	30.8	31.3	31.0	29.7	30.3	27.9	27.4	27.6
19	30.3	29.7	30.0	31.9	31.3	31.6	31.2	30.0	30.6	27.5	27.0	27.2
20	30.3	29.7	30.0	32.5	31.4	31.9	31.4	30.4	30.9	27.1	26.5	26.8
21	30.6	29.8	30.1	32.6	31.5	31.9	31.5	30.9	31.2	26.8	26.0	26.3
22	30.0	29.4	29.7	32.0	31.2	31.6	32.1	31.1	31.6	26.2	25.7	25.9
23	30.2	29.5	29.8	31.9	31.2	31.5	32.0	31.2	31.5	25.8	25.3	25.5
24	30.0	29.4	29.7	32.0	31.2	31.6	32.2	31.1	31.5	25.3	24.4	24.9
25	30.0	29.1	29.5	31.7	31.0	31.3	32.6	31.2	31.6	24.4	21.7	23.0
26	30.2	29.3	29.6	31.0	30.3	30.6	32.2	31.4	31.7	21.7	20.6	20.9
27	29.4	29.0	29.2	30.7	30.0	30.3	31.8	31.2	31.4	20.7	19.6	19.8
28	29.8	28.7	29.2	30.8	30.0	30.3	31.4	30.7	31.0	19.7	18.8	19.4
29	30.1	29.1	29.6	31.4	30.3	30.7	30.7	29.7	30.3	18.8	17.7	18.2
30	29.9	29.3	29.6	31.9	30.8	31.3	29.8	29.5	29.6	17.7	16.4	17.1
31	---	---	---	32.1	31.3	31.7	30.0	29.4	29.7	---	---	---
MONTH	30.8	24.5	28.8	32.6	28.8	30.8	32.6	28.3	30.4	31.2	16.4	26.5

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	11.2	9.6	10.5
2	---	---	---	---	---	---	---	---	---	9.6	8.3	9.0
3	---	---	---	---	---	---	---	---	---	8.3	7.3	7.7
4	---	---	---	---	---	---	---	---	---	7.5	6.9	7.2
5	---	---	---	---	---	---	---	---	---	8.5	7.4	7.8
6	---	---	---	---	---	---	---	---	---	8.8	8.2	8.5
7	---	---	---	---	---	---	---	---	---	9.4	8.6	9.0
8	---	---	---	---	---	---	---	---	---	9.3	8.5	8.9
9	---	---	---	---	---	---	---	---	---	9.8	8.6	9.2
10	---	---	---	---	---	---	---	---	---	10.6	9.6	10.0
11	---	---	---	---	---	---	---	---	---	11.3	10.3	10.8
12	---	---	---	---	---	---	19.2	18.2	18.6	11.7	11.0	11.3
13	---	---	---	---	---	---	19.8	19.2	19.4	12.0	11.1	11.6
14	---	---	---	---	---	---	19.8	18.9	19.3	11.8	11.5	11.7
15	---	---	---	---	---	---	19.2	18.8	19.0	11.9	11.2	11.6
16	---	---	---	---	---	---	19.9	19.1	19.5	12.3	11.5	11.9
17	---	---	---	---	---	---	20.5	19.9	20.2	13.1	12.2	12.5
18	---	---	---	---	---	---	19.9	19.0	19.4	13.9	13.1	13.5
19	---	---	---	---	---	---	19.0	17.8	18.5	15.7	13.9	14.8
20	---	---	---	---	---	---	17.8	16.8	17.2	15.1	14.3	14.5
21	---	---	---	---	---	---	16.8	16.0	16.3	15.1	14.5	14.7
22	---	---	---	---	---	---	16.6	15.8	16.1	16.2	15.0	15.6
23	---	---	---	---	---	---	16.9	16.5	16.7	17.7	16.2	17.0
24	---	---	---	---	---	---	16.5	15.5	15.9	19.6	17.7	18.6
25	---	---	---	---	---	---	15.5	14.4	15.0	19.4	18.4	19.0
26	---	---	---	---	---	---	14.4	13.1	13.9	18.4	17.5	17.9
27	---	---	---	---	---	---	13.1	12.2	12.4	17.8	17.3	17.5
28	---	---	---	---	---	---	12.6	11.9	12.3	18.5	17.4	18.0
29	---	---	---	---	---	---	12.8	12.2	12.5	19.3	18.4	18.8
30	---	---	---	---	---	---	12.5	11.9	12.2	20.5	19.2	19.8
31	---	---	---	---	---	---	12.1	11.2	11.6	21.1	20.2	20.7
MONTH	---	---	---	---	---	---	---	---	---	21.1	6.9	13.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.1	19.1	20.3	13.2	12.9	13.0	22.0	21.2	21.6	28.3	27.4	27.8
2	19.1	17.9	18.4	13.5	13.0	13.2	21.8	21.0	21.4	28.2	27.1	27.6
3	17.9	16.6	17.1	13.2	11.6	12.3	22.6	21.7	21.9	28.3	27.6	28.0
4	---	---	---	11.6	10.2	11.0	21.7	20.4	20.9	28.9	27.8	28.3
5	---	---	---	10.6	9.6	10.1	20.4	19.4	19.9	28.9	28.4	28.6
6	---	---	---	12.2	10.5	11.2	19.7	19.0	19.4	29.1	28.5	28.8
7	---	---	---	13.4	12.1	12.7	19.6	18.8	19.3	29.3	28.5	28.8
8	---	---	---	14.4	13.0	13.6	20.1	19.5	19.8	29.3	28.3	28.7
9	---	---	---	15.8	14.2	15.1	20.2	19.7	19.9	29.5	28.3	28.8
10	---	---	---	15.6	14.7	15.2	20.7	19.8	20.3	30.1	28.9	29.3
11	---	---	---	16.0	14.8	15.4	21.3	20.6	21.0	30.1	29.0	29.4
12	---	---	---	17.2	15.8	16.4	21.9	21.2	21.5	30.0	29.0	29.4
13	---	---	---	16.9	16.1	16.5	21.8	21.4	21.6	29.4	28.0	28.8
14	12.8	11.9	12.3	17.6	16.5	17.0	22.3	21.3	21.7	28.0	26.7	27.1
15	12.9	12.4	12.7	19.1	17.4	18.2	22.9	21.9	22.3	26.8	26.0	26.4
16	13.4	12.6	13.0	20.1	19.0	19.7	23.5	22.4	22.9	---	---	---
17	13.9	12.6	13.3	21.8	20.0	20.9	24.3	23.1	23.6	---	---	---
18	14.4	13.4	13.8	22.8	21.7	22.2	25.2	23.9	24.4	26.5	25.0	25.7
19	15.2	14.2	14.7	23.4	22.4	22.8	25.9	24.3	25.0	25.0	23.8	24.3
20	16.4	15.2	15.9	23.4	22.6	23.0	26.0	25.0	25.4	23.9	22.8	23.5
21	16.6	15.6	16.1	23.3	22.3	22.9	26.4	25.2	25.7	24.0	23.2	23.6
22	16.5	15.6	16.2	22.3	20.6	21.5	26.8	25.6	26.1	24.0	23.1	23.6
23	15.6	14.9	15.2	20.8	19.7	20.3	26.8	26.0	26.4	24.4	23.4	23.9
24	15.3	14.4	14.8	20.0	19.0	19.5	27.2	26.1	26.6	24.7	23.9	24.3
25	15.8	14.7	15.2	21.0	19.6	20.2	27.3	26.4	26.8	25.0	24.4	24.7
26	15.8	14.8	15.4	22.1	20.6	21.3	27.7	26.7	27.1	26.5	24.9	25.4
27	14.8	13.6	14.2	21.3	20.2	20.5	27.9	27.1	27.5	26.5	25.3	25.8
28	13.6	12.2	12.7	20.9	19.8	20.4	27.9	26.9	27.4	26.6	25.9	26.2
29	---	---	---	21.7	20.8	21.2	28.2	27.2	27.7	27.5	26.0	26.5
30	---	---	---	22.5	21.5	21.9	28.6	27.7	28.1	27.1	26.4	26.7
31	---	---	---	22.4	21.9	22.1	---	---	---	27.4	26.2	26.6
MONTH	---	---	---	23.4	9.6	17.8	28.6	18.8	23.4	---	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.2	26.2	26.7	30.3	29.8	30.0	30.9	30.4	30.6	31.0	29.7	30.5
2	27.9	26.7	27.3	30.2	29.7	30.0	31.2	30.1	30.6	30.8	29.6	30.1
3	28.4	27.2	27.8	30.3	29.7	29.9	31.1	30.3	30.7	30.1	29.2	29.4
4	28.3	27.4	27.9	30.4	29.3	29.8	31.2	30.4	30.7	29.2	28.6	28.7
5	28.1	27.7	27.8	30.9	30.1	30.5	30.8	30.2	30.5	28.9	28.4	28.6
6	28.6	27.5	28.0	31.3	30.2	30.6	30.6	30.2	30.4	28.8	28.6	28.6
7	28.3	27.8	28.0	31.3	30.3	30.8	31.2	30.1	30.5	28.6	28.1	28.3
8	28.3	27.8	28.1	31.0	30.5	30.7	31.7	30.5	30.9	28.1	27.0	27.5
9	28.1	27.7	27.9	30.9	30.2	30.5	31.2	30.5	30.9	27.1	26.5	26.8
10	28.4	27.5	27.9	31.4	30.4	30.7	30.5	29.5	30.0	27.8	27.0	27.3
11	28.9	27.7	28.1	31.8	30.4	31.0	29.6	28.4	29.3	28.3	27.4	27.9
12	29.1	28.0	28.5	31.9	30.8	31.1	28.4	28.0	28.1	29.4	28.2	28.7
13	29.5	28.7	29.1	31.6	30.6	31.0	28.4	27.8	28.1	29.8	29.0	29.2
14	30.2	29.0	29.6	31.3	30.7	31.0	28.4	28.1	28.3	29.7	28.9	29.3
15	30.2	29.4	29.8	31.4	30.5	30.9	29.4	28.1	28.6	30.4	29.4	29.9
16	30.0	29.5	29.8	32.0	30.8	31.3	29.2	28.5	28.9	30.8	29.9	30.2
17	29.5	28.9	29.2	32.5	31.2	31.7	29.3	28.6	28.9	30.4	29.8	30.1
18	29.3	28.6	28.9	32.6	31.7	32.0	30.0	29.2	29.5	30.7	29.9	30.2
19	29.7	28.8	29.1	33.0	31.4	31.9	29.9	29.5	29.7	30.9	30.0	30.4
20	29.9	29.2	29.4	33.0	32.0	32.5	30.3	29.6	29.8	30.6	30.3	30.4
21	30.0	29.2	29.5	33.4	32.5	32.9	30.4	29.7	30.0	---	---	---
22	29.6	29.0	29.3	32.8	32.0	32.4	30.4	30.0	30.2	---	---	---
23	29.0	28.6	28.8	32.4	31.5	31.9	30.6	29.7	30.2	---	---	---
24	29.4	28.3	28.8	32.6	31.8	32.1	31.4	30.0	30.5	---	---	---
25	29.7	28.8	29.2	32.4	31.2	31.8	31.8	30.6	31.0	---	---	---
26	29.5	29.3	29.4	31.4	30.9	31.1	31.5	31.0	31.2	---	---	---
27	29.5	29.0	29.2	31.9	30.8	31.4	31.4	30.7	31.1	---	---	---
28	29.4	28.6	29.0	32.7	31.4	31.9	31.6	30.9	31.2	---	---	---
29	29.8	28.8	29.2	32.1	31.5	31.8	31.4	30.6	31.0	---	---	---
30	30.3	29.4	29.7	31.5	31.0	31.3	31.8	30.8	31.1	---	---	---
31	---	---	---	31.2	30.8	30.9	31.7	30.8	31.1	---	---	---
MONTH	30.3	26.2	28.7	33.4	29.3	31.2	31.8	27.8	30.1	---	---	---

07381324 BAYOU GRAND CAILLOU AT DULAC, LA

LOCATION.--Lat 29°22'58", long 90°42'55", in sec. 86, T. 19 S, R. 17 E., St. Helena Meridian, Terrebonne Parish Hydrologic Unit 08090302, on downstream side of Bouquet Bridge, 0.1 mi west of intersection of parish road and Highway 57, 0.8 mi south of Dulac, 16.4 mi south of Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1984 to September 30, 1988 (daily discharges below 6.0 ft stage only, discontinued); January 1989 to September 1998, October 1999 to current year.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is NGVD of 1929. Prior to July 9, 1996 datum of gage was 4.00 ft above NGVD of 1929. Prior to Oct. 1, 1985, datum of gage was 6.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharge. Records poor. Site affected by tide and wind. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2,640 ft^3/s, Oct. 13, 1984; maximum gage height, 8.89 ft, Oct. 28, 1985; maximum negative discharge, -1,960 ft^3/s, Sept. 11, 1998; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 690 ft^3/s, Jan. 6; maximum gage height, 2.39 ft, Oct. 13; maximum negative discharge, -603 ft^3/s, Oct. 13; minimum gage height, -0.75 ft, Jan. 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	---	128	290	228	-42	149	35	48	167	-51	---
2	59	-53	127	266	210	-37	23	24	82	174	-56	---
3	20	-5.5	92	180	---	293	122	-1.2	50	142	-101	---
4	32	116	72	100	146	221	161	147	57	82	-91	---
5	23	118	46	53	80	105	146	91	-72	93	-130	---
6	153	53	76	---	177	63	78	-76	184	50	-136	---
7	65	---	78	---	195	29	18	-46	83	2.4	-140	---
8	12	---	86	141	90	26	-30	-26	33	24	-104	---
9	-143	---	198	59	99	130	71	55	31	72	-170	---
10	-166	---	36	29	172	132	161	90	-71	64	-199	---
11	-103	---	78	76	107	14	83	-62	16	38	-224	---
12	-179	---	52	107	56	163	99	-11	1.4	51	-179	---
13	-264	---	30	70	84	88	173	150	57	65	-114	---
14	268	---	211	125	92	-31	93	200	105	137	-131	---
15	81	---	109	142	17	-18	75	29	48	107	-182	---
16	257	---	47	71	95	-27	11	---	19	84	-146	---
17	177	---	238	70	67	37	55	12	42	65	-124	---
18	145	---	259	48	20	12	87	278	79	57	-74	---
19	125	---	201	81	32	-69	62	128	29	5.5	-51	---
20	83	---	282	111	48	28	37	47	132	-1.4	-69	---
21	87	---	28	118	32	379	46	32	116	29	-77	---
22	85	---	87	75	202	181	128	38	55	---	-90	---
23	69	---	234	82	107	47	86	30	71	---	-60	---
24	132	---	---	64	54	25	44	38	82	---	-69	---
25	103	---	166	211	41	28	121	28	49	---	-32	---
26	130	---	278	105	143	205	-28	65	105	120	-30	---
27	150	4.8	72	97	123	167	-93	50	57	4.6	-38	---
28	184	-86	132	112	58	45	50	75	96	-55	---	---
29	127	75	182	68	---	10	109	63	123	-54	---	---
30	65	128	201	44	---	-72	48	79	129	-35	---	---
31	---	---	193	38	---	81	---	41	---	-16	---	---
TOTAL	---	---	---	---	---	2213	2185	---	1836.4	---	---	---
MEAN	---	---	---	---	---	71.39	72.83	---	61.21	---	---	---

07381324 BAYOU GRAND CAILLOU AT DULAC, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.57	---	0.76	0.13	0.22	0.71	0.48	0.86	1.03	0.70	0.37	---
2	0.42	0.75	0.61	-0.14	-0.07	1.13	0.62	0.93	0.94	0.56	0.33	---
3	0.47	0.85	0.49	-0.36	0.06	0.43	0.56	0.98	0.92	0.44	0.50	---
4	0.56	0.84	0.50	-0.32	-0.06	-0.18	0.31	0.82	0.92	0.37	0.63	---
5	0.71	0.74	0.59	0.24	0.10	-0.26	0.11	0.68	1.23	0.21	0.64	---
6	0.68	0.77	0.49	---	0.15	-0.09	0.17	0.89	0.98	0.19	0.74	---
7	0.52	---	0.44	---	-0.03	0.06	0.50	0.93	0.92	0.44	0.81	---
8	0.66	---	0.43	-0.50	0.04	0.37	0.99	1.13	0.90	0.55	0.73	---
9	0.99	---	0.00	-0.46	0.15	0.41	1.19	1.05	0.86	0.66	0.95	---
10	1.34	---	0.23	-0.22	0.13	-0.09	0.84	0.88	1.17	0.64	1.14	---
11	1.50	---	0.29	-0.04	-0.10	0.24	0.91	1.05	1.13	0.72	1.28	---
12	1.53	---	0.54	-0.14	0.0	0.37	0.89	1.16	1.05	0.77	1.21	---
13	2.05	---	0.63	-0.05	-0.01	0.09	0.68	0.92	0.95	0.74	1.05	---
14	1.55	---	0.61	0.17	-0.01	0.39	0.70	0.59	0.81	0.58	0.94	---
15	1.34	---	0.59	0.0	0.17	0.54	0.70	0.70	0.67	0.47	1.06	---
16	0.98	---	0.77	0.08	0.03	0.63	0.76	0.79	0.74	0.37	1.05	---
17	0.55	---	0.76	0.02	-0.04	0.59	0.75	0.79	0.83	0.34	1.03	---
18	0.65	---	0.30	0.07	0.20	0.63	0.69	0.45	0.83	0.19	0.96	---
19	0.57	---	0.33	0.10	0.62	0.69	0.66	0.25	0.94	0.22	0.91	---
20	0.62	---	-0.16	-0.09	0.75	0.90	0.68	0.36	0.83	0.21	0.89	---
21	0.65	---	0.22	0.06	0.71	0.47	0.73	0.44	0.76	0.29	0.89	---
22	0.64	---	0.53	0.12	0.46	0.03	0.60	0.47	0.79	---	0.89	---
23	0.75	---	0.47	0.24	0.22	0.16	0.58	0.71	0.88	---	0.82	---
24	0.84	---	0.21	0.42	0.30	0.39	0.66	0.73	0.93	---	0.79	---
25	0.76	---	0.29	0.26	0.41	0.65	0.57	0.84	1.01	---	0.72	---
26	0.58	---	0.00	0.11	0.19	0.51	0.67	0.86	1.03	0.44	0.62	---
27	0.40	0.79	-0.13	0.24	-0.28	0.19	0.96	0.92	1.07	0.47	0.56	---
28	0.19	1.04	0.26	0.37	-0.02	0.43	1.04	0.93	1.05	0.47	---	---
29	0.14	1.21	0.42	0.48	---	0.53	0.86	0.94	0.95	0.52	---	---
30	0.32	0.78	0.35	0.61	---	0.65	0.82	0.98	0.86	0.48	---	---
31	---	---	0.26	0.70	---	0.73	---	1.06	---	0.37	---	---
MAX	---	---	0.77	---	0.75	1.13	1.19	1.16	1.23	---	---	---
MIN	---	---	-0.16	---	-0.28	-0.26	0.11	0.25	0.67	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA

LOCATION.--Lat 29°23'06", long 90°43'47", T. 19 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a group of piles, 2 mi west of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1992 to current year.

GAGE.--Water-stage recorder and Accoustic Doppler flowmeter. Prior to July 2002, site was located on pontoon bridge 200 ft upstream of present site. Datum of gage is NGVD of 1929. Prior to Oct. 1, 1995, datum of gage was 10.00 ft below NGVD of 1929.

REMARKS.--Stage affected by wind and tide. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.51 ft, Sept. 12, 1998; minimum, -1.42 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.62 ft, Oct. 13; minimum, -0.72 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	0.88	0.51	0.75	1.19	0.59	0.88	1.41	0.58	0.99	0.90	-0.09	0.31
2	0.74	0.50	0.60	1.28	0.62	0.98	1.34	0.38	0.83	---	-0.36	---
3	0.87	0.52	0.66	1.34	0.70	1.06	1.18	0.27	0.73	0.37	-0.43	-0.06
4	0.92	0.52	0.73	1.39	0.59	1.02	1.17	0.30	0.73	0.36	-0.42	-0.03
5	1.07	0.67	0.90	1.32	0.54	0.94	1.19	0.43	0.83	1.18	0.34	0.65
6	1.16	0.44	0.80	1.28	0.55	0.94	1.10	0.29	0.71	0.89	-0.04	0.24
7	0.91	0.38	0.69	1.16	0.51	0.85	1.00	0.34	0.68	0.10	-0.49	-0.22
8	1.09	0.50	0.82	1.22	0.62	0.95	0.94	0.33	0.69	0.12	-0.49	-0.17
9	1.36	0.96	1.15	1.17	0.42	0.83	0.59	0.07	0.24	0.29	-0.53	-0.14
10	1.72	1.21	1.48	0.95	0.39	0.70	0.80	0.28	0.53	0.77	-0.34	0.13
11	1.97	1.30	1.66	0.90	0.69	0.82	1.01	0.03	0.52	0.76	-0.13	0.28
12	1.77	1.36	1.68	1.01	0.49	0.79	1.16	0.43	0.82	0.65	-0.25	0.15
13	2.62	1.75	2.22	1.14	0.53	0.85	1.42	0.51	0.92	0.80	-0.16	0.26
14	2.05	1.20	1.60	1.20	0.61	0.95	1.37	0.41	0.87	0.90	0.02	0.47
15	1.76	1.18	1.49	1.28	0.64	0.98	1.27	0.33	0.80	0.74	-0.20	0.23
16	1.53	0.73	1.06	1.31	0.56	0.91	1.44	0.63	1.03	0.73	-0.03	0.36
17	1.11	0.40	0.70	1.08	0.23	0.64	1.53	0.55	1.02	0.60	-0.06	0.27
18	1.25	0.48	0.83	0.96	0.09	0.51	0.97	0.19	0.55	0.69	0.05	0.33
19	1.13	0.34	0.74	0.93	0.08	0.51	1.11	0.13	0.62	0.65	-0.09	0.38
20	1.23	0.42	0.83	0.75	-0.09	0.32	0.58	-0.11	0.11	0.49	-0.12	0.14
21	1.24	0.45	0.85	0.71	0.13	0.46	0.82	0.21	0.52	0.52	0.13	0.32
22	1.16	0.42	0.83	1.18	0.59	0.85	1.02	0.63	0.85	0.78	-0.05	0.35
23	1.24	0.63	0.98	1.35	0.95	1.17	1.04	0.42	0.72	0.79	0.04	0.48
24	1.35	0.82	1.11	1.53	1.11	1.39	0.88	0.22	0.50	1.07	0.20	0.62
25	1.33	0.44	0.90	1.15	0.71	0.91	0.84	0.29	0.58	0.88	-0.15	0.26
26	0.94	0.47	0.75	1.09	---	---	0.67	0.03	0.25	0.75	-0.31	0.17
27	0.84	0.23	0.58	1.30	0.76	1.01	0.87	-0.32	0.20	0.91	-0.18	0.35
28	0.47	0.23	0.37	1.65	1.03	1.27	1.16	0.11	0.58	0.94	0.03	0.50
29	0.52	0.21	0.34	1.71	1.22	1.46	1.17	0.24	0.72	0.97	0.21	0.62
30	0.89	0.27	0.55	1.41	0.61	1.00	1.16	0.11	0.59	1.03	0.36	0.72
31	0.93	0.57	0.78	---	---	---	1.01	0.01	0.50	1.09	0.53	0.82
MONTH	2.62	0.21	0.95	1.71	---	---	1.53	-0.32	0.65	---	-0.53	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	0.95	-0.23	0.17	1.34	0.43	0.93	1.08	0.24	0.64	1.57	0.72	1.16
2	0.27	-0.30	-0.06	1.47	1.15	1.33	1.30	0.28	0.86	1.52	0.86	1.21
3	0.37	0.01	0.19	1.16	0.03	0.47	1.21	0.37	0.76	1.58	0.90	1.23
4	0.23	-0.35	-0.06	0.18	-0.26	-0.04	0.76	0.08	0.45	1.24	0.77	1.02
5	0.52	-0.25	0.15	0.35	-0.53	-0.06	0.79	-0.13	0.32	1.12	0.59	0.87
6	0.64	-0.08	0.30	0.48	-0.32	0.10	0.85	-0.07	0.39	1.30	0.95	1.11
7	0.55	-0.46	0.0	0.72	-0.21	0.27	1.15	0.35	0.76	1.29	1.03	1.14
8	0.69	-0.37	0.14	0.99	0.12	0.56	1.60	0.99	1.23	1.54	1.11	1.35
9	0.79	-0.16	0.30	0.99	0.33	0.60	1.65	1.15	1.37	1.43	0.87	1.25
10	0.80	-0.20	0.25	0.55	-0.41	0.00	1.18	0.79	1.01	1.27	0.84	1.07
11	0.42	-0.53	-0.09	0.95	0.04	0.48	1.19	0.97	1.10	1.59	0.86	1.28
12	0.53	-0.27	0.12	1.02	0.32	0.63	1.17	0.81	1.07	1.72	0.99	1.39
13	0.52	-0.30	0.10	0.60	0.15	0.31	1.02	0.64	0.88	1.42	0.67	1.13
14	0.52	-0.26	0.09	0.78	0.46	0.63	1.24	0.62	0.95	1.14	0.33	0.74
15	0.57	0.14	0.37	0.87	0.64	0.78	1.25	0.60	0.94	1.37	0.44	0.94
16	0.48	-0.16	0.15	0.97	0.66	0.85	1.39	0.59	1.00	1.49	0.56	1.02
17	0.32	-0.01	0.11	1.03	0.59	0.79	1.34	0.61	0.96	1.46	0.62	1.03
18	0.68	0.01	0.37	1.05	0.56	0.81	1.29	0.53	0.90	0.98	0.37	0.63
19	1.04	0.51	0.81	1.14	0.51	0.87	1.30	0.47	0.90	0.94	0.02	0.46
20	1.19	0.76	0.97	1.40	0.86	1.12	1.29	0.52	0.92	0.94	0.27	0.62
21	1.31	0.39	0.89	1.05	0.26	0.58	1.33	0.63	0.99	0.94	0.36	0.68
22	1.05	0.15	0.57	0.72	-0.36	0.19	1.04	0.50	0.81	0.92	0.38	0.67
23	0.93	-0.10	0.39	0.89	-0.11	0.40	1.04	0.49	0.81	1.17	0.58	0.91
24	1.01	0.04	0.50	1.13	0.07	0.61	1.06	0.73	0.91	1.23	0.56	0.93
25	1.10	0.12	0.61	1.18	0.49	0.87	1.04	0.53	0.79	1.39	0.57	1.06
26	1.11	-0.06	0.33	1.18	0.49	0.69	1.09	0.58	0.92	1.47	0.62	1.10
27	0.34	-0.72	-0.26	0.78	0.03	0.40	1.67	0.65	1.28	1.62	0.64	1.18
28	0.52	-0.23	0.17	0.90	0.48	0.64	1.59	0.92	1.29	1.66	0.68	1.19
29	---	---	---	0.94	0.46	0.76	1.44	0.74	1.08	1.71	0.69	1.20
30	---	---	---	1.13	0.45	0.89	1.48	0.67	1.09	1.66	0.79	1.25
31	---	---	---	1.34	0.49	0.96	---	---	---	1.71	0.91	1.31
MONTH	1.31	-0.72	0.27	1.47	-0.53	0.59	1.67	-0.13	0.91	1.72	0.02	1.04

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.54	0.91	1.24	1.07	0.65	0.88	0.89	0.38	0.64	---	---	---
2	1.34	0.92	1.15	0.93	0.61	0.75	0.83	0.38	0.59	---	---	---
3	1.39	0.87	1.15	0.80	0.42	0.64	1.08	0.46	0.79	---	---	---
4	1.26	1.00	1.13	0.75	0.32	0.57	1.20	0.48	0.90	---	---	---
5	1.67	1.18	1.44	0.65	0.03	0.39	1.32	0.48	0.98	---	---	---
6	1.34	0.87	1.15	0.62	0.06	0.38	1.40	---	---	---	---	---
7	1.39	0.77	1.13	1.01	0.20	0.66	---	---	---	---	---	---
8	1.53	0.78	1.14	1.12	0.22	0.76	---	---	---	---	---	---
9	1.45	0.73	1.08	1.26	0.43	0.87	---	---	---	---	---	---
10	1.91	0.90	1.45	1.32	0.37	0.85	---	---	---	---	---	---
11	1.68	1.01	1.34	1.34	0.43	0.93	---	---	---	---	---	---
12	1.67	0.89	1.28	1.39	0.55	0.97	---	---	---	---	---	---
13	1.59	0.84	1.21	1.31	0.57	0.94	---	---	---	---	---	---
14	1.41	0.75	1.08	0.99	0.49	0.76	---	---	---	---	---	---
15	1.35	0.45	0.93	0.86	0.47	0.67	---	---	---	---	---	---
16	1.37	0.70	1.04	0.79	0.38	0.55	---	---	---	---	---	---
17	1.21	0.87	1.05	0.81	0.28	0.54	---	---	---	---	---	---
18	1.14	0.86	1.01	0.60	0.05	0.37	---	---	---	---	---	---
19	1.25	0.90	1.13	0.74	0.03	0.44	---	---	---	---	---	---
20	1.19	0.67	0.98	0.83	0.06	0.50	---	---	---	---	---	---
21	1.19	0.56	0.92	0.93	0.08	0.53	---	---	---	---	---	---
22	1.35	0.56	1.00	0.96	0.04	0.59	---	---	---	---	---	---
23	1.55	0.56	1.13	---	0.08	---	---	---	---	---	---	---
24	1.59	0.67	1.18	---	---	---	---	---	---	---	---	---
25	1.66	0.77	1.25	1.09	0.32	0.71	---	---	---	---	---	---
26	1.62	0.85	1.25	1.06	0.38	0.74	---	---	---	---	---	---
27	1.70	0.85	1.30	1.09	0.40	0.78	---	---	---	---	---	---
28	1.57	0.91	1.25	0.90	0.52	0.74	---	---	---	---	---	---
29	1.37	0.88	1.12	0.94	0.59	0.79	---	---	---	---	---	---
30	1.24	0.82	1.02	0.92	0.55	0.74	---	---	---	---	---	---
31	---	---	---	0.84	0.41	0.64	---	---	---	---	---	---
MONTH	1.91	0.45	1.15	---	---	---	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1992 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1992 to current year.
WATER TEMPERATURES: June 1992 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Specific conductance records poor due to limitations of the instrument over the range of measured conductance.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 45,700 microsiemens/cm, May 18, 2000; minimum, 122 microsiemens/cm, Feb. 18, 1996.
WATER TEMPERATURES: Maximum, 34.2°C, Aug. 6, 1999, July 21, 2002; minimum, 4.7°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 34,400 microsiemens/cm, Oct. 11; minimum, 231 microsiemens/cm, Feb. 18.
WATER TEMPERATURE: Maximum, 34.2°C, July 21; minimum, 7.2°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23200	18200	20900	28100	16400	21100	20300	11500	15700	747	235	432
2	18200	13700	15400	31900	22700	27000	14600	6450	10200	902	---	---
3	20100	12200	14200	32300	23100	27700	9390	2950	5670	977	287	575
4	25300	16800	20100	31400	18000	24400	9630	1980	4100	729	343	483
5	26500	20300	24500	27400	12500	19100	13800	2120	5220	1320	320	480
6	25300	15100	22500	30900	12700	19100	5740	1150	2710	1160	545	842
7	18800	11800	14600	21100	7740	12300	2220	898	1360	1270	382	927
8	25200	12400	18500	27200	7560	15600	1370	821	1030	715	306	496
9	28700	16100	25900	19400	6040	11100	1090	568	899	826	338	585
10	33600	27100	31100	8680	2200	5140	7850	512	1730	799	344	527
11	34400	29500	31200	8580	2060	4290	6120	1200	1880	649	347	481
12	31500	28000	29100	11800	3140	5240	22300	4020	9740	1190	334	580
13	32800	26800	30100	22200	5270	10700	24000	5750	10800	575	323	409
14	28900	25000	27100	29400	13600	19300	21700	2780	8460	564	323	454
15	25000	21800	22800	32200	18400	23800	3820	570	1440	870	315	499
16	22000	14000	18600	32100	16000	23700	17400	1050	5790	581	331	421
17	14000	9630	11600	19600	8840	13200	23900	2270	10800	758	320	445
18	10100	6940	8470	16100	5880	8960	2270	398	1030	835	330	482
19	7960	5740	6920	17700	3940	8530	1750	399	786	1510	333	662
20	9470	4870	6430	7030	1380	3800	1000	364	729	1380	362	522
21	13700	4160	6950	12000	1630	6180	736	364	470	497	343	392
22	10500	3620	5290	30400	6380	25100	8090	404	3170	11600	330	1560
23	17700	3620	7720	30300	24500	28000	2390	966	1690	12300	1280	4530
24	20100	4160	10400	29600	24600	26900	966	321	536	10200	1200	4070
25	8130	3080	5910	25500	22000	24300	479	290	361	10200	341	2250
26	3080	1790	2320	25100	23200	24000	744	366	584	1430	333	495
27	3440	1600	2470	23900	20300	22100	749	336	576	6140	390	1450
28	2720	1410	1880	27000	22800	25400	782	301	492	14200	961	4190
29	10100	1600	3060	31200	23100	28200	4560	323	865	12300	1200	3720
30	23000	3980	9380	23500	17800	20200	596	261	424	12800	1330	4480
31	29600	17800	23000	---	---	---	584	249	336	13400	774	4080
MONTH	34400	1410	15400	32300	1380	17800	24000	249	3530	14200	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	924	394	716	23300	277	11600	691	314	430	791	310	488
2	716	248	375	25800	21100	24100	10800	314	1940	629	300	407
3	354	248	272	21900	2630	11400	2760	314	757	676	301	422
4	702	257	460	2630	617	1310	774	305	435	785	315	471
5	9150	264	833	1420	439	863	618	303	448	879	326	565
6	9150	909	2710	625	392	519	498	301	374	329	321	325
7	3010	516	1550	4380	351	701	12700	307	2150	321	310	316
8	593	328	446	16200	650	3520	32200	7690	16900	320	309	313
9	853	314	461	21400	1780	9830	20800	3080	6990	355	311	318
10	739	284	479	1820	305	1030	3080	347	1750	406	322	350
11	839	264	493	9400	312	987	456	298	331	413	325	356
12	579	253	335	23500	3340	13100	428	290	317	3350	323	790
13	666	250	361	3570	680	1630	1360	303	574	618	331	386
14	491	246	320	2600	518	1500	1360	315	568	593	340	435
15	247	235	241	3240	718	1830	1420	305	512	610	343	435
16	349	236	269	2880	565	1410	1210	311	566	432	335	371
17	579	231	319	1830	533	1020	790	302	427	407	321	357
18	2730	231	651	946	348	590	855	302	435	691	331	476
19	21200	1400	6690	5940	351	1330	987	303	485	622	334	479
20	21200	3360	9150	24200	754	8510	875	311	456	553	331	382
21	6740	2640	3820	19600	380	4210	699	307	398	421	322	352
22	6740	238	1630	925	373	648	1860	307	845	387	320	336
23	762	236	523	7620	345	798	1300	266	534	1960	322	759
24	780	269	467	13400	585	2540	330	259	279	1990	328	835
25	1020	364	510	22100	3280	9570	1460	262	687	5830	349	1440
26	1210	428	666	20100	2290	8250	1460	267	441	3790	345	1060
27	747	255	556	2290	381	887	10200	275	2310	7900	345	1520
28	431	255	328	1560	361	577	1190	288	532	5510	361	1110
29	---	---	---	473	354	389	728	281	445	3260	349	689
30	---	---	---	484	374	419	952	300	536	712	331	428
31	---	---	---	449	342	382	---	---	---	379	320	350
MONTH	21200	231	1270	25800	277	4050	32200	259	1460	7900	300	559

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	360	320	336	693	312	427	---	---	---	---	---	---
2	344	320	328	986	315	593	---	---	---	---	---	---
3	366	319	333	1230	323	724	---	---	---	---	---	---
4	334	316	322	1300	308	699	---	---	---	---	---	---
5	609	316	367	1490	439	890	---	---	---	---	---	---
6	626	320	382	1220	312	537	---	---	---	---	---	---
7	367	319	334	2950	333	827	---	---	---	---	---	---
8	400	319	341	5100	335	1330	---	---	---	---	---	---
9	417	318	345	9700	334	2520	---	---	---	---	---	---
10	3720	319	655	4930	366	1260	---	---	---	---	---	---
11	709	322	377	10100	314	2520	---	---	---	---	---	---
12	378	328	342	4470	574	1760	---	---	---	---	---	---
13	424	335	360	2480	362	778	---	---	---	---	---	---
14	487	334	393	495	333	402	---	---	---	---	---	---
15	638	336	479	597	323	409	14400	5350	9120	---	---	---
16	519	334	385	670	341	444	12300	4880	8070	---	---	---
17	472	322	381	788	337	481	14900	2800	6590	---	---	---
18	485	319	352	1120	497	644	11300	1180	3590	---	---	---
19	326	297	314	739	437	506	6560	1250	2470	---	---	---
20	459	298	327	1230	457	633	6060	1110	2370	---	---	---
21	671	307	386	3230	466	1010	---	---	---	---	---	---
22	651	304	356	6290	467	1890	---	---	---	---	---	---
23	3150	300	730	5540	421	1390	---	---	---	---	---	---
24	3350	299	637	6240	406	1550	---	---	---	---	---	---
25	3050	302	730	2720	396	735	---	---	---	---	---	---
26	571	296	346	1020	373	472	---	---	---	---	---	---
27	377	300	343	643	383	431	---	---	---	---	---	---
28	377	314	337	432	402	413	10200	---	---	---	---	---
29	437	316	356	462	387	414	---	---	---	---	---	---
30	528	319	379	424	389	400	---	---	---	---	---	---
31	---	---	---	456	372	395	---	---	---	---	---	---
MONTH	3720	296	402	10100	308	887	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.6	22.3	23.4	21.2	18.7	19.6	19.9	19.0	19.5	10.4	---	---
2	25.1	23.0	23.9	22.1	19.8	21.0	19.5	18.7	19.1	---	8.0	---
3	25.1	23.6	24.2	22.3	21.4	21.8	19.2	18.3	18.7	8.2	7.3	7.7
4	24.9	23.5	24.3	22.4	20.9	21.8	19.3	18.1	18.7	7.8	7.2	7.5
5	25.3	24.3	24.7	21.4	20.1	21.0	20.3	18.6	19.3	8.2	7.4	7.7
6	24.9	23.5	24.5	21.8	19.8	20.8	19.9	19.0	19.4	9.2	7.9	8.6
7	23.9	22.6	23.3	21.7	20.1	21.0	20.0	19.1	19.5	9.1	8.3	8.7
8	24.7	21.6	23.2	22.4	20.7	21.2	20.4	19.3	19.8	8.9	7.9	8.4
9	24.0	22.4	23.2	21.9	20.8	21.3	19.6	18.4	19.0	9.6	8.3	8.8
10	24.0	23.5	23.8	22.0	20.2	20.9	18.8	18.0	18.3	10.6	9.0	9.7
11	25.4	23.8	24.3	21.6	20.2	21.0	18.4	17.6	17.8	11.5	9.9	10.6
12	25.9	24.3	24.9	21.6	20.3	21.1	19.0	17.6	18.2	12.4	10.7	11.3
13	25.2	23.7	24.8	21.7	20.0	21.3	19.6	18.3	18.9	11.5	10.6	11.0
14	24.0	22.8	23.5	21.6	20.3	21.2	19.9	18.2	18.9	12.2	11.0	11.5
15	24.5	22.7	23.5	21.9	20.1	21.2	18.6	17.3	17.7	12.6	10.6	11.5
16	23.5	22.3	23.1	21.6	19.1	20.9	19.1	17.9	18.6	12.9	11.3	12.0
17	22.3	21.3	21.8	21.2	19.6	20.6	20.7	18.2	19.6	13.5	11.8	12.5
18	21.8	20.6	21.3	21.0	19.5	20.4	18.2	17.2	17.6	15.3	12.7	13.8
19	21.6	20.3	21.0	21.4	20.1	20.7	17.6	16.5	17.1	17.6	14.2	15.5
20	22.0	20.8	21.3	20.9	19.7	20.3	16.5	15.5	15.9	16.9	14.1	14.6
21	22.8	21.3	21.9	20.0	18.6	19.3	16.4	14.8	15.9	16.4	14.3	15.1
22	23.3	21.7	22.4	19.1	17.8	18.1	17.1	15.6	16.2	16.6	14.9	15.6
23	25.0	22.3	23.4	20.0	17.7	18.7	16.7	16.0	16.3	18.0	16.0	17.1
24	25.8	23.1	24.4	21.3	19.3	20.2	16.1	14.6	15.2	19.6	17.1	18.1
25	24.6	23.1	23.8	20.4	19.6	20.0	14.6	13.2	13.8	19.6	17.0	17.6
26	23.1	22.1	22.7	21.3	19.6	20.4	13.3	12.4	12.8	17.4	16.4	16.9
27	22.5	21.1	21.9	21.7	20.7	21.1	12.7	11.7	12.1	17.4	15.8	16.7
28	21.3	20.3	20.8	23.4	21.4	22.5	12.2	11.5	11.8	18.6	16.7	17.6
29	20.7	19.5	20.1	23.3	20.5	22.4	12.9	11.5	12.1	19.8	18.0	18.8
30	19.9	17.9	19.1	20.6	18.4	19.5	12.1	11.2	11.6	20.0	19.2	19.7
31	19.0	17.4	18.2	---	---	---	11.5	10.4	10.8	21.1	19.5	20.4
MONTH	25.9	17.4	22.8	23.4	17.7	20.7	20.7	10.4	16.8	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.9	17.2	18.8	12.4	11.0	11.5	20.9	19.0	20.1	27.4	26.5	26.9
2	17.2	15.8	16.3	13.4	11.5	12.3	21.8	18.7	19.9	27.9	26.7	27.2
3	16.1	15.4	15.7	13.3	11.0	11.7	21.2	19.5	20.1	28.2	27.1	27.5
4	15.5	14.2	14.7	11.1	10.0	10.6	19.6	18.1	19.0	28.0	27.1	27.6
5	14.4	13.2	14.0	11.3	9.1	9.8	19.0	17.3	18.0	29.5	27.6	28.3
6	13.8	12.6	13.3	13.4	9.2	10.4	18.8	17.1	17.9	29.0	27.4	28.0
7	12.6	11.5	12.0	14.6	10.4	11.8	20.9	17.9	18.9	28.9	27.7	28.3
8	11.7	11.0	11.3	16.4	12.3	13.9	21.1	19.3	19.8	29.3	27.8	28.5
9	12.2	10.8	11.5	16.8	14.5	15.9	20.0	18.8	19.3	29.5	28.1	28.6
10	13.8	11.3	12.2	15.3	14.1	14.6	19.7	18.6	19.0	28.9	27.6	28.4
11	12.2	11.0	11.5	16.2	14.0	15.0	19.1	18.5	18.8	28.8	27.3	28.1
12	12.3	10.9	11.4	17.7	15.2	16.4	20.1	18.8	19.3	28.6	27.2	27.9
13	12.4	11.3	11.8	17.7	15.7	16.4	21.2	19.5	20.2	28.0	27.3	27.7
14	12.4	10.8	11.6	17.0	15.8	16.3	21.4	20.0	20.7	27.3	24.8	25.6
15	11.9	11.2	11.5	20.7	16.7	18.1	22.5	20.9	21.6	26.1	24.4	25.2
16	13.6	11.5	12.1	20.6	18.0	19.1	23.7	22.0	22.7	26.6	24.4	25.2
17	13.7	11.6	12.3	21.1	19.2	20.2	24.7	22.6	23.3	26.7	25.4	26.0
18	14.3	12.0	12.9	22.4	20.3	21.2	24.5	23.2	23.7	26.0	23.7	24.9
19	16.8	12.9	14.5	23.6	21.3	22.2	25.2	23.5	24.2	24.0	22.5	23.3
20	16.9	15.2	15.8	24.9	22.0	23.3	25.7	23.9	24.6	23.7	22.0	22.9
21	16.8	14.7	15.5	24.1	21.0	22.2	25.4	24.1	24.7	24.2	22.4	23.2
22	16.0	13.9	14.8	21.0	19.4	20.0	27.1	24.6	25.6	24.1	22.7	23.4
23	14.2	13.1	13.7	20.9	18.1	19.2	27.0	24.8	25.9	24.1	22.6	23.3
24	15.1	13.1	13.9	20.4	18.0	19.0	26.9	25.5	26.1	24.6	23.3	23.8
25	15.5	13.7	14.5	20.4	18.0	19.2	29.3	26.1	27.4	25.2	23.8	24.5
26	15.7	14.3	15.1	21.1	19.6	20.3	29.0	26.4	27.1	25.5	24.4	25.0
27	14.3	12.4	13.1	19.8	18.3	19.0	28.0	26.3	27.0	26.6	24.7	25.5
28	12.9	11.6	12.4	19.4	18.0	18.8	27.5	26.6	27.1	26.7	25.1	25.6
29	---	---	---	19.6	18.6	19.1	27.7	27.0	27.4	26.5	25.2	25.8
30	---	---	---	21.6	19.3	20.3	27.8	26.6	27.2	26.1	25.4	25.7
31	---	---	---	21.3	20.0	20.6	---	---	---	27.7	25.4	26.1
MONTH	19.9	10.8	13.5	24.9	9.1	17.0	29.3	17.1	22.6	29.5	22.0	26.1

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.4	25.8	26.3	30.5	29.4	29.9	---	29.8	---	---	---	---
2	26.9	25.9	26.3	30.6	30.1	30.3	---	29.4	---	---	---	---
3	27.0	26.0	26.5	31.0	29.8	30.3	---	---	---	---	---	---
4	27.9	26.4	27.0	31.7	29.5	30.5	---	---	---	---	---	---
5	28.3	26.6	27.1	31.9	30.1	31.1	---	---	---	---	---	---
6	27.6	26.8	27.3	31.8	30.1	30.7	---	---	---	---	---	---
7	27.8	26.6	27.2	32.0	30.2	30.9	---	---	---	---	---	---
8	27.8	26.8	27.3	31.4	30.5	30.9	---	---	---	---	---	---
9	28.0	27.1	27.5	31.1	30.3	30.7	---	---	---	---	---	---
10	28.2	26.8	27.5	31.2	30.0	30.6	---	---	---	---	---	---
11	28.9	27.0	27.7	32.0	30.2	30.9	---	---	---	---	---	---
12	29.1	27.7	28.3	31.7	30.7	31.1	---	---	---	---	---	---
13	29.0	28.2	28.6	31.2	30.3	30.7	---	---	---	---	---	---
14	30.1	28.7	29.3	31.3	30.2	30.7	---	---	---	---	---	---
15	30.1	29.2	29.6	31.7	30.2	30.7	29.4	28.5	28.9	---	---	---
16	29.5	28.8	29.1	32.0	30.4	31.1	30.7	29.0	29.6	---	---	---
17	29.8	28.3	29.0	33.0	30.9	31.7	31.6	29.5	30.1	---	---	---
18	29.7	28.3	29.0	33.7	31.5	32.4	31.7	30.0	30.5	---	---	---
19	29.8	28.4	29.0	33.9	31.7	32.5	---	---	---	---	---	---
20	30.6	28.9	29.6	34.0	32.0	32.8	---	---	---	---	---	---
21	30.6	29.0	29.8	34.2	32.2	32.8	---	---	---	---	---	---
22	30.4	29.1	29.6	32.7	31.8	32.2	---	---	---	---	---	---
23	29.1	28.6	28.9	32.2	31.0	31.5	---	---	---	---	---	---
24	30.2	28.7	29.2	32.2	31.4	31.7	---	---	---	---	---	---
25	29.9	28.7	29.3	32.4	31.5	31.9	---	---	---	---	---	---
26	29.6	28.9	29.2	32.5	31.2	31.7	---	---	---	---	---	---
27	29.4	28.4	28.8	32.5	31.2	31.7	31.8	---	---	---	---	---
28	29.4	28.0	28.6	32.5	31.3	31.7	31.2	---	---	---	---	---
29	29.5	28.2	28.8	32.0	31.1	31.4	---	---	---	---	---	---
30	29.9	29.0	29.3	31.4	31.0	31.1	---	---	---	---	---	---
31	---	---	---	31.2	30.6	30.9	---	---	---	---	---	---
MONTH	30.6	25.8	28.4	34.2	29.4	31.3	---	---	---	---	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA

LOCATION.--Lat 29°35'53", long 90°42'36", T. 17 S., R. 17 E., Sec. 39, Terrebonne Parish, Hydrologic Unit 08090302, on the right bank of stream, south of Main Street Bridge.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 25, 1997 to Sept. 30, 2001 (elevation only). Oct. 1, 2001 to present. Unpublished data prior to Oct. 1, 1999 can be found in the Louisiana District, Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. No elevation or velocity record for the period: Oct. 22-Dec. 11, Jan. 2, Feb. 4-13, May 16-17, Aug 4, 23, Sept. 11-30. Stage and discharge affected by wind, tide, and boat traffic. Reverse flow at times. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge recorded, 6,150 ft^3/s, Apr. 27, 2002; maximum elevation recorded, 3.41 ft, Sept. 12, 1998; minimum negative discharge recorded, -4,200 ft^3/s, Dec. 13, 2002; minimum elevation recorded, -0.34 ft, Dec. 15, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge recorded, 6,150 ft^3/s, Apr. 27, maximum elevation recorded, 2.80 ft,; Oct. 13; maximum negative discharge recorded, -4,200 ft^3/s, Oct. 13; minimum elevation recorded, 0.61 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1100	---	---	2550	307	2710	2760	4120	3620	2830	1490	-261
2	968	---	---	---	1010	2180	2570	3820	3450	2650	1260	234
3	245	---	---	3880	2890	-113	2080	3320	2860	2170	1550	535
4	559	---	---	4000	---	1800	1410	2920	3010	1850	---	386
5	1060	---	---	3830	---	2650	1850	2540	3220	2010	1790	648
6	400	---	---	2830	---	2360	2610	2900	3390	1970	1910	1070
7	716	---	---	3070	---	2260	2040	2630	3540	2160	1480	822
8	931	---	---	3540	---	2410	3200	2930	3320	2080	1360	34
9	-803	---	---	3540	---	3500	3680	2250	3290	1910	597	-1380
10	787	---	---	3560	---	2050	3590	1920	3270	2130	236	-983
11	232	---	---	3240	---	718	1720	2500	3550	1750	679	---
12	-333	---	2480	2730	---	1370	1540	2610	3410	1320	-713	---
13	-600	---	2890	2860	---	2740	2760	2230	3250	1650	-741	---
14	-683	---	2340	2680	3060	2420	2330	1590	2770	1350	65	---
15	-2040	---	1340	1990	3370	2400	3040	3090	3240	1540	1060	---
16	-2050	---	1510	2660	3170	1940	3630	---	3490	1560	417	---
17	-1560	---	2140	2380	3410	-200	3510	---	3490	1330	17	---
18	-451	---	1650	2160	2840	2760	3190	2470	2950	1310	434	---
19	743	---	2610	2340	3460	2360	3230	3120	3090	1230	482	---
20	899	---	1760	1330	2970	2400	3590	3560	3310	1850	635	---
21	1110	---	2930	2070	2620	1630	3930	3430	3530	2040	486	---
22	---	---	2970	2280	1860	1010	3670	3210	3980	1540	77	---
23	---	---	1410	2170	1410	918	3580	3270	3540	1220	---	---
24	---	---	1920	1910	3060	497	3660	2930	3040	1650	330	---
25	---	---	2600	-60	3210	414	3370	3080	2670	1360	569	---
26	---	---	2490	1390	2430	525	3820	2990	2510	1470	470	---
27	---	---	2930	2250	2470	-153	4500	3150	2720	1500	534	---
28	---	---	3620	2450	3240	2710	3820	3200	2960	889	513	---
29	---	---	3600	2030	---	2700	3390	2610	2910	897	578	---
30	---	---	3000	1040	---	1880	3820	3540	2870	672	516	---
31	---	---	3080	1160	---	777	---	3800	---	833	208	---
TOTAL	---	---	---	---	---	53623	91890	---	96250	50721	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.37	---	---	1.30	1.30	1.31	1.60	2.00	2.05	1.79	1.23	1.47
2	1.21	---	---	---	0.89	1.86	1.62	2.05	2.01	1.67	1.16	1.61
3	1.24	---	---	0.96	0.85	1.57	1.60	2.09	1.98	1.55	1.26	1.80
4	1.33	---	---	0.86	---	1.06	1.45	2.02	1.99	1.43	---	1.88
5	1.48	---	---	1.27	---	0.78	1.28	1.89	2.14	1.29	1.48	1.93
6	1.49	---	---	1.44	---	0.81	1.25	1.95	2.11	1.17	1.61	1.97
7	1.29	---	---	1.09	---	0.93	1.46	1.97	2.08	1.33	1.66	2.13
8	1.39	---	---	0.89	---	1.17	1.91	2.09	2.09	1.42	1.61	2.35
9	1.64	---	---	0.84	---	1.32	2.20	2.09	2.08	1.55	1.69	2.30
10	1.93	---	---	0.93	---	1.00	2.04	2.01	2.22	1.55	1.84	2.25
11	2.13	---	---	1.06	---	1.04	2.01	2.06	2.22	1.58	1.98	---
12	2.23	---	1.42	1.04	---	1.32	2.05	2.15	2.19	1.64	2.02	---
13	2.54	---	1.57	1.05	---	1.07	1.95	2.04	2.13	1.63	1.93	---
14	2.56	---	1.63	1.20	0.93	1.23	1.89	1.84	2.04	1.56	1.82	---
15	2.30	---	1.55	1.08	1.03	1.43	1.91	1.79	1.91	1.47	1.88	---
16	2.10	---	1.68	1.06	1.01	1.52	1.96	---	1.88	1.32	1.91	---
17	1.72	---	1.78	1.02	0.90	1.54	1.96	---	1.93	1.27	1.92	---
18	1.59	---	1.47	1.03	1.03	1.55	1.92	1.74	1.94	1.13	1.88	---
19	1.51	---	1.42	1.09	1.38	1.59	1.89	1.50	2.01	1.11	1.81	---
20	1.50	---	1.10	0.87	1.58	1.77	1.90	1.47	1.96	1.13	1.77	---
21	1.53	---	1.14	0.92	1.57	1.60	1.93	1.49	1.88	1.17	1.74	---
22	---	---	1.37	0.96	1.46	1.19	1.88	1.52	1.83	1.24	1.75	---
23	---	---	1.54	1.14	1.19	1.09	1.83	1.67	1.88	1.29	---	---
24	---	---	1.32	1.28	1.16	1.25	1.86	1.73	1.95	1.30	1.64	---
25	---	---	1.28	1.15	1.26	1.52	1.80	1.83	2.00	1.34	1.58	---
26	---	---	1.17	0.88	1.20	1.53	1.78	1.88	2.05	1.37	1.46	---
27	---	---	1.03	0.99	0.74	1.28	1.99	1.93	2.10	1.38	1.37	---
28	---	---	1.28	1.15	0.79	1.36	2.08	1.94	2.10	1.38	1.35	---
29	---	---	1.42	1.26	---	1.49	1.99	1.96	2.02	1.40	1.28	---
30	---	---	1.42	1.38	---	1.60	1.97	2.01	1.92	1.39	1.37	---
31	---	---	1.34	1.51	---	1.72	---	2.07	---	1.28	1.44	---
MAX	---	---	---	---	---	1.86	2.20	---	2.22	1.79	---	---
MIN	---	---	---	---	---	0.78	1.25	---	1.83	1.11	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1997 to current year. Unpublished data prior to Oct. 1, 1999 can be found in the Louisiana District, Baton Rouge Field Office.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

REMARKS.--
SPECIFIC CONDUCTANCE: No record from Oct. 22-Dec. 11, Feb. 4-13, May 16, 17, Sept. 11-30. All record rated excellent except for Dec. 11-18 where it is fair.
WATER TEMPERATURE: No record from Oct. 22-Dec. 11, Feb. 4-13, May 16,17, Sept. 11-30. All record rated good.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 27,500 microseimens/cm, Oct. 13, 1997; minimum, 146 microseimens/cm, June 27, 2001.
WATER TEMPERATURE: Maxmimum, 33.5°C, Aug. 21, 2000; minimum 4.9°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 10,400 microsiemens/cm, Sept. 9; minimum, 216 microsiemens/cm, Jan. 1, 2.
WATER TEMPERATURE: Maximum, 33.1°C, July 21; minimum, 7.0°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	221	216	218
2	3920	1570	2930	---	---	---	---	---	---	226	216	221
3	2080	1590	1870	---	---	---	---	---	---	246	224	235
4	2420	1950	2180	---	---	---	---	---	---	265	245	259
5	3110	2400	2710	---	---	---	---	---	---	270	255	264
6	3470	3050	3260	---	---	---	---	---	---	259	244	251
7	3480	3370	3460	---	---	---	---	---	---	252	245	247
8	3400	2450	2860	---	---	---	---	---	---	294	252	272
9	3150	2810	3000	---	---	---	---	---	---	311	292	303
10	3550	3010	3250	---	---	---	---	---	---	313	295	304
11	6140	3470	5050	---	---	---	---	---	---	306	297	303
12	9470	5940	7310	---	---	---	390	370	380	312	287	305
13	10300	8460	9430	---	---	---	402	357	384	296	278	290
14	10000	9550	9710	---	---	---	384	353	370	288	278	283
15	9600	4430	7260	---	---	---	360	312	327	292	287	289
16	4430	2980	3520	---	---	---	315	311	313	292	288	290
17	2980	2110	2550	---	---	---	319	306	313	295	289	293
18	3140	2110	2520	---	---	---	307	287	297	301	294	298
19	3480	3100	3200	---	---	---	289	280	287	303	299	301
20	3470	2880	3010	---	---	---	326	280	293	305	302	304
21	2880	2620	2690	---	---	---	326	311	320	316	305	311
22	---	---	---	---	---	---	341	312	327	311	298	304
23	---	---	---	---	---	---	341	294	322	307	299	303
24	---	---	---	---	---	---	299	250	270	318	306	312
25	---	---	---	---	---	---	254	240	247	318	312	316
26	---	---	---	---	---	---	252	241	246	318	301	311
27	---	---	---	---	---	---	244	235	239	302	287	297
28	---	---	---	---	---	---	248	236	242	289	263	277
29	---	---	---	---	---	---	240	233	238	268	263	266
30	---	---	---	---	---	---	235	225	230	269	265	267
31	---	---	---	---	---	---	226	220	223	272	265	269
MONTH	---	---	---	---	---	---	---	---	---	318	216	283

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	270	264	267	282	261	273	276	273	275	275	272	273
2	274	261	271	282	278	280	274	269	272	282	272	277
3	263	248	257	326	280	297	271	263	269	290	281	286
4	---	---	---	322	310	316	265	257	261	296	290	293
5	---	---	---	310	273	291	260	254	256	298	294	296
6	---	---	---	276	272	273	261	257	259	299	291	295
7	---	---	---	283	275	279	260	252	257	291	281	286
8	---	---	---	289	283	286	256	239	249	295	284	289
9	---	---	---	326	286	312	242	237	240	295	294	295
10	---	---	---	334	304	315	244	242	243	296	295	295
11	---	---	---	320	291	300	245	241	242	298	296	297
12	---	---	---	300	281	291	243	241	242	299	297	298
13	---	---	---	284	280	282	243	240	241	301	298	299
14	252	247	249	288	283	287	246	242	244	302	300	301
15	248	245	246	289	287	288	247	244	245	303	301	302
16	246	244	245	290	288	289	247	243	245	---	---	---
17	244	239	241	290	281	285	246	240	243	---	---	---
18	242	239	241	285	281	283	250	243	245	307	295	301
19	245	241	243	292	284	290	252	249	250	296	295	295
20	246	240	243	299	292	293	252	248	251	296	290	294
21	242	232	238	306	297	303	254	246	249	291	288	290
22	235	232	234	317	303	309	250	244	247	295	290	292
23	238	233	235	315	307	310	247	240	243	298	295	297
24	253	237	242	311	302	308	245	242	243	299	297	298
25	267	251	259	306	296	302	245	242	244	299	296	297
26	267	262	265	299	296	297	251	243	247	297	296	297
27	264	256	259	303	296	299	256	251	253	298	296	297
28	262	255	257	303	299	300	256	254	255	297	296	297
29	---	---	---	301	295	299	265	255	258	297	296	296
30	---	---	---	296	277	286	273	264	269	297	294	296
31	---	---	---	278	274	276	---	---	---	303	294	297
MONTH	---	---	---	334	261	294	276	237	251	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	296	291	293	286	278	282	315	309	312	336	321	324
2	293	290	291	280	273	277	313	308	310	431	336	392
3	292	290	291	274	272	273	315	310	312	765	396	478
4	292	289	290	273	271	272	326	314	317	2020	655	1220
5	291	290	291	277	271	273	329	310	320	2700	1910	2370
6	292	290	291	279	276	278	311	288	297	5610	2630	5010
7	292	272	285	279	275	276	295	280	288	6360	5470	5910
8	288	271	280	276	264	270	294	284	288	10200	6330	9150
9	291	278	284	265	261	263	304	293	296	10400	9250	10000
10	294	286	290	270	264	266	310	304	307	9710	8870	9390
11	298	294	295	277	269	272	446	303	330	---	---	---
12	302	297	299	281	275	278	996	390	663	---	---	---
13	304	301	303	285	280	282	890	360	595	---	---	---
14	304	302	303	284	268	279	405	325	358	---	---	---
15	303	300	302	300	284	290	458	369	408	---	---	---
16	300	294	298	307	299	303	485	422	447	---	---	---
17	296	292	294	306	300	303	493	445	472	---	---	---
18	295	293	294	301	288	296	482	438	449	---	---	---
19	295	291	293	289	277	282	448	399	431	---	---	---
20	293	290	291	287	277	283	416	368	398	---	---	---
21	292	290	291	288	284	286	378	354	366	---	---	---
22	293	289	292	290	285	287	359	339	352	---	---	---
23	290	286	288	294	286	290	364	339	353	---	---	---
24	288	285	286	297	289	292	372	355	364	---	---	---
25	291	282	286	302	270	293	359	334	348	---	---	---
26	298	286	291	335	294	312	335	326	331	---	---	---
27	301	292	297	346	334	339	326	315	319	---	---	---
28	303	297	300	347	341	345	318	313	315	---	---	---
29	303	293	299	346	331	340	316	305	311	---	---	---
30	300	283	293	333	308	321	337	308	319	---	---	---
31	---	---	---	310	300	306	344	314	329	---	---	---
MONTH	304	271	293	347	261	291	996	280	365	---	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.5	24.5	25.1	---	---	---	---	---	---	10.5	9.2	10
2	26.0	24.5	25.1	---	---	---	---	---	---	9.2	8.0	8.6
3	25.3	24.7	25.0	---	---	---	---	---	---	8.4	7.5	8.0
4	25.4	24.6	25.0	---	---	---	---	---	---	7.6	7.0	7.3
5	25.5	24.9	25.1	---	---	---	---	---	---	8.8	7.2	7.8
6	25.4	24.6	25.1	---	---	---	---	---	---	9.1	8.2	8.5
7	24.8	24.0	24.4	---	---	---	---	---	---	9.0	8.2	8.6
8	24.7	23.6	24.1	---	---	---	---	---	---	8.8	8.1	8.4
9	24.5	23.9	24.2	---	---	---	---	---	---	9.5	8.3	8.8
10	24.4	24.2	24.3	---	---	---	---	---	---	10.3	9.2	9.7
11	24.6	24.0	24.3	---	---	---	---	---	---	11.1	10.0	10.5
12	25.1	24.2	24.6	---	---	---	18.5	17.6	18.0	11.4	10.7	11.0
13	25.1	24.0	24.7	---	---	---	18.9	17.6	18.4	11.5	10.8	11.1
14	24.0	22.5	23.3	---	---	---	18.2	17.3	17.8	11.9	10.8	11.4
15	24.0	23.3	23.6	---	---	---	17.3	16.3	16.7	12.2	11.4	11.8
16	23.4	22.6	22.9	---	---	---	17.7	16.6	17.1	12.2	11.1	11.6
17	22.6	21.3	21.9	---	---	---	18.3	17.6	17.9	13.2	12.1	12.6
18	21.8	20.7	21.3	---	---	---	18.4	16.8	17.5	14.0	13.0	13.5
19	21.3	20.4	20.9	---	---	---	17.0	16.2	16.6	15.2	13.8	14.6
20	21.2	20.4	20.9	---	---	---	16.9	15.9	16.4	14.6	14.2	14.4
21	22.0	20.9	21.4	---	---	---	16.4	15.4	15.7	15.1	14.2	14.5
22	---	---	---	---	---	---	16.8	15.8	16.4	15.0	14.2	14.5
23	---	---	---	---	---	---	16.9	16.0	16.7	16.8	15.0	16.0
24	---	---	---	---	---	---	16.0	14.0	14.8	18.2	16.7	17.4
25	---	---	---	---	---	---	14.0	13.3	13.6	18.1	17.5	17.8
26	---	---	---	---	---	---	13.4	12.1	13.0	17.7	16.6	17.2
27	---	---	---	---	---	---	12.1	11.4	11.7	16.9	16.1	16.6
28	---	---	---	---	---	---	11.9	11.3	11.5	17.2	16.1	16.6
29	---	---	---	---	---	---	12.2	11.6	11.9	18.4	16.9	17.6
30	---	---	---	---	---	---	12.0	11.4	11.7	19.1	18.0	18.5
31	---	---	---	---	---	---	11.4	10.5	11.0	19.8	18.8	19.2
MONTH	---	---	---	---	---	---	---	---	---	19.8	7.0	12.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.5	18.3	18.9	12.4	12.1	12.2	19.1	18.4	18.8	27.1	26.2	26.7
2	18.3	15.2	17.4	13.0	12.4	12.7	18.8	18.4	18.6	27.2	26.4	26.9
3	15.2	14.3	14.6	12.8	11.6	12.3	19.8	18.8	19.1	26.9	26.4	26.7
4	---	---	---	11.6	9.2	10.7	19.0	17.9	18.6	27.4	26.4	26.9
5	---	---	---	9.8	8.6	9.1	18.8	17.3	17.9	27.8	27.1	27.4
6	---	---	---	11.3	9.4	10.5	18.9	18.0	18.4	28.5	27.7	28.0
7	---	---	---	12.9	11.3	11.9	18.2	17.6	17.9	29.0	28.1	28.5
8	---	---	---	14.2	12.4	13.3	18.7	17.8	18.3	28.3	27.6	28.0
9	---	---	---	15.9	14.0	14.8	18.7	18.1	18.4	27.8	27.2	27.5
10	---	---	---	15.9	14.6	15.2	18.9	17.8	18.4	27.5	27.2	27.4
11	---	---	---	15.8	14.6	15.2	19.1	18.4	18.7	27.5	27.0	27.2
12	---	---	---	16.7	15.3	15.9	19.9	19.0	19.4	27.8	27.1	27.4
13	---	---	---	17.2	15.8	16.2	20.3	19.4	19.8	27.4	25.9	26.9
14	11.8	10.9	11.3	17.9	16.2	16.9	21.4	20.1	20.6	25.9	24.4	25.2
15	11.6	11.2	11.4	18.1	16.9	17.5	22.3	21.0	21.6	24.8	23.9	24.4
16	12.3	11.4	11.8	19.5	17.9	18.6	22.9	21.6	22.2	---	---	---
17	12.6	11.5	12.0	21.2	19.5	20.3	23.6	22.1	22.8	---	---	---
18	13.4	12.3	12.8	21.9	20.9	21.4	24.0	22.6	23.2	25.1	23.6	24.5
19	14.3	13.3	13.8	22.7	21.6	22.0	24.4	23.2	23.9	23.6	22.7	23.1
20	15.5	14.3	14.8	22.4	21.7	22.0	25.0	23.6	24.4	23.5	22.4	22.9
21	15.6	14.4	14.9	22.1	21.6	21.9	25.2	23.9	24.6	23.3	22.6	23.0
22	15.0	13.9	14.7	21.6	19.3	20.8	25.5	24.4	25.0	23.3	22.3	22.8
23	14.2	13.3	13.7	19.3	18.0	18.6	25.9	24.9	25.4	23.5	22.5	23.0
24	15.1	13.0	14.0	18.6	17.4	18.1	26.7	25.7	26.2	23.9	22.9	23.4
25	15.9	14.6	15.2	19.7	18.4	19.0	26.7	26.2	26.4	24.5	23.5	24.0
26	15.5	14.1	15.1	20.0	19.1	19.5	26.6	25.9	26.3	24.8	23.9	24.3
27	14.1	12.0	13.2	19.1	17.8	18.5	27.3	26.3	26.8	25.0	24.1	24.6
28	12.1	11.2	11.7	18.4	17.4	17.9	27.2	26.4	26.8	25.0	24.5	24.8
29	---	---	---	19.6	18.3	19.1	26.9	25.9	26.4	25.4	24.6	25.0
30	---	---	---	19.2	18.6	19.0	26.9	26.0	26.4	25.4	24.8	25.1
31	---	---	---	19.6	18.9	19.1	---	---	---	25.2	24.6	24.9
MONTH	---	---	---	22.7	8.6	16.8	27.3	17.3	22.0	---	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.4	24.7	25.1	29.5	28.8	29.1	30.4	29.8	30.1	31.1	30.5	30.9
2	26.1	24.9	25.4	29.7	29.2	29.4	30.8	29.6	30.1	30.9	30.3	30.6
3	26.7	25.5	26.0	29.6	29.1	29.3	30.9	29.9	30.4	30.3	29.7	30.0
4	26.9	25.9	26.4	29.9	29.0	29.4	31.1	30.2	30.7	29.7	29.0	29.4
5	26.8	26.3	26.5	30.3	29.6	29.9	31.0	30.3	30.6	29.0	28.8	28.9
6	26.8	26.0	26.4	30.8	29.8	30.2	31.0	30.2	30.6	28.8	28.5	28.7
7	26.8	26.4	26.6	31.1	30.2	30.5	31.5	30.0	30.8	28.5	27.9	28.3
8	27.0	26.4	26.7	31.0	30.3	30.6	31.8	30.9	31.3	27.9	27.5	27.7
9	27.3	26.4	26.8	30.4	30.1	30.2	31.9	31.0	31.4	28.2	27.4	27.7
10	27.6	26.9	27.2	30.5	29.9	30.1	31.7	30.9	31.3	28.6	27.7	28.1
11	28.0	27.1	27.5	30.9	29.9	30.4	31.2	30.5	30.8	---	---	---
12	28.2	27.3	27.8	31.3	30.3	30.7	30.6	30.0	30.3	---	---	---
13	28.9	27.8	28.3	31.2	30.5	30.8	30.3	29.6	29.9	---	---	---
14	29.6	28.5	29.0	30.8	30.3	30.6	30.0	29.5	29.8	---	---	---
15	29.7	28.7	29.2	31.0	30.1	30.4	29.6	28.9	29.3	---	---	---
16	29.4	28.9	29.2	31.6	30.4	30.9	30.4	29.1	29.6	---	---	---
17	29.4	28.6	28.9	32.0	30.7	31.3	30.7	29.6	30.1	---	---	---
18	28.9	28.2	28.5	32.1	31.3	31.7	31.0	30.0	30.4	---	---	---
19	29.2	28.1	28.6	32.6	31.4	31.9	30.6	30.3	30.4	---	---	---
20	29.2	28.8	29.0	32.9	31.9	32.4	31.1	30.0	30.3	---	---	---
21	29.6	28.6	29.1	33.1	32.3	32.6	30.7	29.8	30.1	---	---	---
22	29.2	28.7	28.9	32.6	31.9	32.3	30.7	30.0	30.2	---	---	---
23	28.9	28.3	28.6	32.7	30.8	31.7	30.6	29.8	30.0	---	---	---
24	28.9	28.4	28.6	32.8	31.7	32.2	30.6	29.6	30.0	---	---	---
25	29.2	28.3	28.7	32.1	31.4	31.8	31.0	29.8	30.3	---	---	---
26	28.8	28.3	28.5	31.6	30.6	31.2	30.8	30.1	30.4	---	---	---
27	28.3	27.9	28.2	31.7	30.6	31.1	31.1	30.2	30.6	---	---	---
28	28.0	27.6	27.9	32.3	30.9	31.5	31.3	30.4	30.8	---	---	---
29	28.8	27.8	28.2	31.8	31.3	31.5	31.1	30.3	30.8	---	---	---
30	29.5	28.5	28.8	31.3	30.8	31.0	31.2	30.5	30.9	---	---	---
31	---	---	---	31.0	30.4	30.6	31.1	30.5	30.9	---	---	---
MONTH	29.7	24.7	27.8	33.1	28.8	30.9	31.9	28.9	30.4	---	---	---

073813375 BAYOU TERREBONNE AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA

LOCATION.-- Lat. 29°23'21", long 90°35'14", T. 19 S., R. 18 E., Terrebonne Parish, Hydrologic Unit 08090302, on the Bayou Terrebonne Control Structure, north of the Madison Canal Bridge along State Highway 55, 6.3 miles south of Montegut.

DRAINAGE AREA.-- Indeterminate.

PERIOD OF RECORD.--November 2001 to September 2002.

GAGE.-- Water-stage recorder. Datum of gage is assumed. Staff gages established by Terrebonne Levee District.

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Above: Maximum gage height, 3.31 ft, Sept. 26, 2002; minimum recorded, -0.89 ft, Feb. 27, 2002.
Below: Maximum gage height, 3.21 ft, Sept. 26, 2002; minimum recorded, -0.93 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Above: Maximum gage height, 3.31 ft, Sept. 26; minimum, -0.89 ft, Feb. 27.
Below: Maximum gage height, 3.21 ft, Sept. 26; minimum, -0.93 ft, Feb. 27.

GAGE HEIGHT, ABOVE, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	0.10	0.08	1.18	---	---	1.31	---	0.68	---
2			---	-0.15	-0.23	1.47	---	---	1.22	---	0.62	---
3			---	-0.28	0.20	0.21	---	---	1.24	0.75	0.81	---
4			---	-0.14	-0.13	-0.20	---	---	1.25	0.69	0.88	---
5			---	0.56	-0.04	-0.13	---	---	1.64	0.47	0.98	---
6			---	0.02	0.27	0.11	---	---	1.25	0.49	---	---
7			---	-0.47	-0.11	0.32	---	---	1.18	0.80	---	1.98
8			---	-0.30	0.09	0.70	---	---	1.18	0.92	---	2.14
9			---	-0.25	0.31	0.66	---	---	1.14	1.02	---	1.87
10			---	0.03	0.21	-0.17	---	---	1.62	0.95	---	1.81
11			---	0.19	-0.22	0.52	---	---	1.44	1.06	---	1.62
12			---	0.02	0.07	0.70	---	---	1.35	1.10	---	1.41
13			0.98	0.18	0.04	0.34	---	---	1.23	1.03	---	1.46
14			0.81	0.42	0.04	0.70	---	---	1.05	0.82	---	1.67
15		---	0.78	0.11	0.37	---	---	---	0.85	0.74	---	1.34
16		---	1.12	0.31	0.11	---	---	---	1.10	0.64	---	1.13
17		---	0.99	0.22	0.10	---	---	1.06	1.09	0.60	---	1.06
18		---	0.43	0.33	0.42	---	---	0.32	1.08	0.41	---	1.15
19		---	0.51	0.32	0.96	---	---	0.18	1.14	0.48	---	1.33
20		---	-0.10	0.06	1.05	---	---	0.49	---	0.57	---	1.52
21		---	0.45	0.30	0.92	---	---	0.63	---	0.62	---	1.33
22		---	0.85	0.37	0.44	---	---	0.67	---	0.70	---	1.50
23		---	0.68	0.54	0.25	---	---	0.97	---	0.76	---	1.47
24		---	0.36	0.66	0.47	---	---	1.01	---	0.77	---	1.70
25		---	0.50	0.18	0.63	---	---	1.17	---	0.73	---	1.73
26		---	0.19	0.09	0.23	---	---	1.17	---	0.72	---	2.35
27		---	0.06	0.37	-0.54	---	---	1.25	---	0.82	---	1.72
28		---	0.53	0.55	0.11	---	---	1.24	---	0.82	---	1.68
29		---	0.69	0.68	---	---	---	1.24	---	0.84	---	1.36
30		---	0.46	0.83	---	---	---	1.26	---	0.76	---	1.44
31		---	0.33	0.91	---	---	---	1.38	---	0.64	---	---
MAX		---	---	0.91	1.05	---	---	---	---	---	---	---
MIN		---	---	-0.47	-0.54	---	---	---	---	---	---	---

073813375 BAYOU TERREBONNE AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA--Continued

GAGE HEIGHT, BELOW, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	0.06	0.06	1.16	---	---	1.27	---	0.61	1.01
2			---	-0.21	-0.26	1.45	---	---	1.17	---	0.55	1.25
3			---	-0.34	0.17	0.17	---	---	1.19	0.65	0.75	1.48
4			---	-0.20	-0.17	-0.24	---	---	1.20	0.60	0.82	1.53
5			---	0.50	-0.08	-0.17	---	---	1.58	0.38	0.92	1.59
6			---	-0.05	0.23	0.09	---	---	1.17	0.41	0.99	1.55
7			---	-0.53	-0.15	0.31	---	---	1.13	0.73	1.13	1.95
8			---	-0.37	0.04	0.69	---	---	1.11	0.86	0.96	2.15
9			---	-0.30	0.27	0.65	---	---	1.06	0.98	1.29	1.83
10			---	-0.02	0.17	-0.18	---	---	1.54	0.90	1.48	1.76
11			---	0.15	-0.25	0.51	---	---	1.34	1.02	1.61	1.58
12			-0.02	0.03	0.68	---	---	1.26	1.06	1.47	1.38	
13			0.96	0.13	0.00	0.32	---	---	1.15	0.99	1.26	1.43
14			0.78	0.37	0.01	0.68	---	---	0.95	0.79	1.15	1.64
15		---	0.76	0.07	0.34	---	---	---	0.75	0.72	1.37	1.31
16		---	1.10	0.27	0.08	---	---	---	0.99	0.61	1.32	1.10
17		---	0.97	0.19	0.07	---	---	1.06	1.02	0.58	1.30	1.04
18		---	0.40	0.30	0.40	---	---	0.41	1.06	0.39	1.19	1.12
19		---	0.48	0.29	0.95	---	---	0.22	1.18	0.47	1.15	1.31
20		---	-0.13	0.02	1.04	---	---	0.50	1.18	0.56	1.12	1.50
21		---	0.41	0.27	0.91	---	---	0.62	---	0.62	1.12	1.31
22		---	0.83	0.35	0.42	---	---	0.65	---	0.66	1.14	1.49
23		---	0.64	0.52	0.23	---	---	0.95	---	0.68	1.06	1.46
24		---	0.33	0.65	0.45	---	---	0.98	---	0.70	1.04	1.67
25		---	0.46	0.16	0.62	---	---	1.14	---	0.69	0.97	1.70
26		---	0.14	0.07	0.21	---	---	1.14	---	0.70	0.88	2.16
27		---	0.02	0.35	-0.57	---	---	1.22	---	0.78	0.82	1.67
28		---	0.48	0.53	0.08	---	---	1.20	---	0.76	0.76	1.64
29		---	0.65	0.67	---	---	---	1.21	---	0.82	0.77	1.33
30		---	0.42	0.82	---	---	---	1.24	---	0.71	0.88	1.42
31		---	0.29	0.91	---	---	---	1.35	---	0.58	0.95	---
MAX		---	---	0.91	1.04	---	---	---	---	---	1.61	2.16
MIN		---	---	-0.53	-0.57	---	---	---	---	---	0.55	1.01

07381343 BAYOU PETIT CALLIOU AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA

LOCATION.-- Lat. 29°23'12", long 90°37'05", T. 19 S., R. 18 E., Terrebonne Parish, Hydrologic Unit 08090302, on the Bayou Petit Caillou Control Structure, off the Boudreaux Canal Road, south of Chauvin.

DRAINAGE AREA.-- Indeterminate.

PERIOD OF RECORD.--November 2001 to September 2002.

GAGE.-- Water-stage recorder. Datum of gage is assumed. Staff gages established by Terrebonne Levee District.

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Above: Maximum gage height, 2.94 ft, Sept. 26, 2002; minimum recorded, -0.63 ft, Feb. 27, 2002. Below: Maximum gage height, 3.17 ft, Sept. 26, 2002; minimum recorded, -0.63 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Above: Maximum gage height, 2.94 ft, Sept. 26; minimum gage height, -0.63 ft, Feb. 27. Below: Maximum gage height, 3.17 ft, Sept. 25, 26; minimum gage height, -0.63 ft, Feb. 27.

GAGE HEIGHT, ABOVE, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	---	0.31	1.16	0.73	1.15	1.35	1.01	---	---
2			---	---	-0.05	1.53	0.98	1.27	1.25	0.91	---	---
3			---	---	0.30	0.47	0.86	1.32	1.26	0.85	---	---
4			---	---	0.02	0.0	0.52	1.08	1.28	0.81	---	---
5			---	---	0.12	-0.03	0.33	0.97	1.63	0.68	---	---
6			---	---	---	0.19	0.40	1.28	1.29	0.55	---	1.64
7			---	---	---	0.37	0.84	1.30	1.22	0.86	1.13	1.99
8			---	---	---	0.73	1.38	---	1.20	0.95	1.11	2.23
9			---	---	---	0.74	1.48	1.49	1.16	1.21	1.12	1.96
10			---	---	---	0.04	1.11	1.18	1.59	1.28	1.47	1.89
11			---	0.25	---	0.57	1.24	1.42	1.44	1.10	1.67	1.64
12			---	0.12	---	0.75	1.21	1.52	1.36	1.12	1.71	1.47
13			1.02	0.24	0.18	0.41	0.98	1.19	1.24	1.06	1.54	1.54
14		---	0.91	0.48	0.19	0.75	1.02	0.80	1.06	0.87	1.34	1.68
15		---	0.89	0.23	0.44	0.88	1.01	1.01	0.92	0.80	1.30	1.34
16		---	1.17	0.37	0.22	0.98	1.11	---	1.20	0.71	1.45	1.23
17		---	1.09	0.30	0.17	0.93	1.06	---	1.11	0.67	1.44	1.15
18		---	0.55	0.39	0.46	0.99	0.97	0.61	1.26	0.48	1.29	1.22
19		---	0.62	0.40	0.97	1.09	0.95	0.39	1.38	0.56	---	1.42
20		---	0.06	0.16	1.09	1.37	0.96	0.62	1.32	0.62	---	1.56
21		0.60	0.52	0.38	0.99	0.66	1.07	0.73	1.21	0.67	---	1.43
22		1.07	0.89	0.42	0.60	0.17	0.88	0.77	1.17	0.73	---	1.60
23		1.42	0.78	0.58	0.38	0.47	0.88	1.05	1.32	0.79	---	1.61
24		1.60	0.47	0.70	0.54	0.78	1.00	1.07	1.38	0.90	---	1.79
25		1.04	0.59	0.36	0.69	---	0.86	1.22	1.58	---	---	2.01
26		1.12	0.30	0.21	0.39	0.82	1.02	1.22	1.58	---	---	2.20
27		1.20	0.15	0.45	-0.34	0.46	1.35	1.29	1.40	---	---	1.85
28		1.53	0.58	0.61	0.19	0.77	1.38	1.28	1.41	---	---	1.73
29		1.63	0.75	0.75	---	0.89	1.09	1.28	1.23	---	---	1.47
30		---	0.58	0.90	---	1.01	1.09	1.31	1.11	---	---	1.55
31		---	0.47	0.98	---	1.11	---	1.38	---	---	---	---
MAX		---	---	---	---	---	1.48	---	1.63	---	---	---
MIN		---	---	---	---	---	0.33	---	0.92	---	---	---

07381343 BAYOU PETIT CALLIOU AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA--Continued

GAGE HEIGHT, BELOW, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	---	0.26	1.18	0.71	1.18	1.30	0.95	---	---
2			---	---	-0.10	1.53	0.96	1.31	1.20	---	---	---
3			---	---	0.26	0.48	0.84	1.34	1.21	0.71	---	---
4			---	---	-0.02	0.0	0.50	1.10	1.22	0.63	---	---
5			---	---	0.09	-0.01	0.31	0.96	1.58	0.45	---	---
6			---	---	---	0.20	0.41	1.26	1.23	0.46	---	---
7			---	---	---	0.39	0.83	1.29	1.17	0.74	---	---
8			---	---	---	0.74	1.37	1.45	1.15	0.87	1.28	---
9			---	---	---	0.75	1.46	1.37	1.11	0.99	1.27	---
10			---	---	---	0.06	1.09	1.19	1.53	0.93	1.40	---
11			---	0.21	---	0.58	1.22	1.43	1.39	1.03	1.46	1.67
12			---	0.08	---	0.75	1.19	1.56	1.31	1.07	1.46	1.50
13			0.98	0.20	---	0.42	0.96	1.22	1.19	1.01	1.36	1.57
14			0.86	0.44	---	0.75	1.00	0.73	1.01	0.82	1.25	1.70
15		---	0.84	0.20	0.41	0.88	0.99	0.97	0.84	0.75	1.22	1.36
16		---	1.13	0.33	0.23	0.98	1.08	---	1.01	0.66	1.26	1.25
17		---	1.04	0.27	0.18	0.92	1.04	---	1.09	0.62	1.26	1.18
18		---	0.51	0.35	0.47	0.98	0.94	0.57	1.12	0.44	1.18	1.24
19		---	0.58	0.36	0.98	1.07	0.92	0.34	1.23	0.50	---	1.43
20		---	0.01	0.12	1.09	1.35	0.95	0.58	1.09	0.57	---	1.58
21		0.56	0.47	0.33	1.00	0.64	1.04	0.69	0.99	0.63	---	1.45
22		1.03	0.85	0.38	0.61	0.16	0.85	0.72	1.03	0.68	---	1.61
23		1.38	0.74	0.54	0.39	0.45	0.85	1.01	1.17	---	---	1.63
24		1.55	0.42	0.66	0.55	0.77	0.97	1.03	1.25	---	---	1.81
25		1.00	0.55	0.32	0.69	---	0.83	1.17	1.34	---	---	2.05
26		1.08	0.26	0.17	0.39	0.80	0.99	1.17	1.33	---	---	2.16
27		1.15	0.11	0.41	-0.33	0.45	1.40	1.24	1.36	---	---	1.86
28		1.48	0.54	0.57	0.20	0.76	1.40	1.23	1.29	---	---	1.75
29		1.58	0.71	0.70	---	0.87	1.12	1.23	1.20	---	---	1.49
30		1.01	0.55	0.85	---	1.00	1.11	1.26	1.11	---	---	1.57
31		---	0.44	0.94	---	1.09	---	1.33	---	---	---	---
MAX		---	---	---	---	---	1.46	---	1.58	---	---	---
MIN		---	---	---	---	---	0.31	---	0.84	---	---	---

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA

LOCATION.--Lat. 29°15'08", Long. 90°55'18", T. 21 S., R. 15 E., Mechant, La., Terrebonne Parish, Hydrologic Unit 08090302, on dock at Wildlife and Fisheries camp 9.0 mi. southwest of Bayou Du Large and 13 mi. southwest of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Elevations affected by wind and tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 3.69 ft, Apr. 5, 1997; minimum recorded, -1.52 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.61 ft, Oct. 13; minimum elevation, -1.09 ft, Mar. 10.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.51	0.83	1.23	1.85	0.61	1.34	1.90	0.17	1.12	1.40	-0.90	0.10
2	1.36	0.91	1.08	2.05	0.62	1.39	1.77	-0.12	0.91	0.78	-0.58	0.21
3	1.49	0.77	1.16	2.19	0.64	1.48	1.72	-0.09	0.85	0.76	-0.67	0.09
4	1.63	0.67	1.21	2.15	0.45	1.35	1.83	-0.03	0.90	0.81	-0.40	0.20
5	1.81	0.85	1.39	2.02	0.30	1.23	1.87	0.32	1.11	1.73	0.63	1.02
6	1.75	0.48	1.11	2.05	0.43	1.25	1.55	0.20	0.91	1.12	-0.65	-0.06
7	1.80	0.63	1.25	1.83	0.30	1.07	1.44	0.30	0.89	0.45	-0.92	-0.23
8	2.10	0.73	1.38	1.89	0.60	1.33	1.27	0.24	0.84	0.41	-0.59	0.06
9	2.41	1.09	1.78	1.81	0.35	1.07	0.93	0.02	0.51	0.57	-0.77	0.03
10	2.66	1.41	2.14	1.51	0.46	0.98	1.11	0.45	0.86	1.23	-0.48	0.44
11	3.11	1.39	2.23	1.41	0.98	1.24	1.58	0.08	0.82	1.11	-0.36	0.52
12	2.67	1.72	2.10	1.48	0.75	1.17	1.68	0.39	1.11	1.07	-0.55	0.32
13	3.61	1.92	2.90	1.69	0.58	1.21	2.16	0.23	1.19	1.45	-0.45	0.49
14	2.48	1.15	1.48	1.80	0.53	1.29	1.82	-0.18	0.84	1.45	-0.10	0.74
15	2.34	1.43	1.91	2.04	0.44	1.36	2.08	0.01	1.01	1.22	-0.69	0.33
16	1.92	0.25	1.07	1.96	0.36	1.16	2.27	0.38	1.34	1.22	-0.07	0.66
17	1.77	0.34	1.00	1.55	-0.04	0.85	2.21	0.18	1.00	1.09	-0.09	0.51
18	1.76	0.44	1.20	1.67	-0.19	0.75	1.56	0.04	0.72	1.09	0.12	0.59
19	1.87	0.15	1.06	1.68	0.04	0.82	1.56	-0.05	0.69	0.99	-0.40	0.58
20	1.97	0.40	1.26	1.35	-0.23	0.58	1.17	-0.08	0.37	1.00	-0.09	0.49
21	2.00	0.45	1.27	1.65	0.24	0.88	1.20	0.44	0.81	0.93	0.40	0.66
22	1.93	0.46	1.24	2.02	0.89	1.35	1.48	0.97	1.24	1.19	0.20	0.74
23	2.05	0.75	1.46	2.12	1.12	1.51	1.36	0.62	0.90	1.26	0.17	0.84
24	2.08	1.03	1.58	2.17	1.16	1.67	1.28	0.11	0.76	1.56	0.09	0.94
25	1.89	0.52	1.15	1.63	0.84	1.15	1.34	0.33	0.88	1.15	-0.83	0.27
26	1.40	0.85	1.12	1.55	1.04	1.31	0.84	-0.09	0.40	1.51	-0.63	0.52
27	1.38	0.56	1.01	1.88	0.85	1.38	1.37	-0.60	0.44	1.78	-0.42	0.71
28	0.95	0.56	0.77	2.41	1.09	1.74	1.82	-0.05	0.89	1.78	-0.18	0.85
29	1.05	0.45	0.80	2.36	1.14	1.67	1.65	-0.02	0.96	1.72	0.04	0.93
30	1.45	0.53	1.07	1.94	0.09	1.08	1.59	-0.43	0.66	1.68	0.18	1.01
31	1.45	0.76	1.18	---	---	---	1.44	-0.66	0.55	1.68	0.45	1.09
MONTH	3.61	0.15	1.37	2.41	-0.23	1.22	2.27	-0.66	0.85	1.78	-0.92	0.50

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.25	-0.65	0.01	1.96	1.06	1.54	1.49	-0.31	0.75	2.37	0.43	1.42
2	0.87	-0.32	0.24	1.95	0.80	1.71	1.97	0.14	1.18	1.98	0.64	1.43
3	0.95	0.14	0.57	0.80	-0.45	0.28	1.65	0.14	0.96	2.04	0.73	1.45
4	0.64	-0.32	0.19	0.74	-0.53	0.19	1.24	-0.51	0.53	1.71	0.62	1.12
5	0.71	-0.25	0.12	0.76	-0.68	0.16	1.36	-0.29	0.55	1.48	0.51	1.08
6	1.36	0.02	0.66	0.98	-0.22	0.47	1.21	-0.24	0.56	1.64	1.10	1.36
7	1.01	-0.75	0.17	1.29	-0.21	0.67	1.66	0.46	1.16	1.61	1.23	1.39
8	1.25	-0.44	0.46	1.67	0.22	1.04	2.18	1.13	1.60	1.96	1.23	1.66
9	1.33	-0.26	0.64	1.35	0.33	0.82	1.92	1.31	1.63	1.90	0.76	1.45
10	1.17	-0.46	0.40	1.03	-1.09	0.02	1.51	0.95	1.30	1.72	0.79	1.31
11	1.04	-0.81	0.10	1.61	0.11	0.92	1.60	1.16	1.38	2.02	0.88	1.53
12	1.01	-0.31	0.45	1.65	0.35	0.91	1.67	0.86	1.34	2.25	0.70	1.61
13	0.98	-0.50	0.36	1.07	0.35	0.66	1.47	0.65	1.17	1.83	-0.46	1.24
14	0.98	-0.50	0.28	1.30	0.59	1.01	1.69	0.50	1.23	1.62	-0.61	0.75
15	1.04	0.36	0.75	1.30	0.82	1.04	1.68	0.30	1.14	1.86	0.27	1.21
16	0.84	-0.26	0.41	1.38	0.80	1.15	1.69	0.30	1.16	1.93	0.34	1.22
17	0.77	0.14	0.45	1.39	0.58	1.06	1.73	0.39	1.16	2.08	0.41	1.24
18	1.02	0.25	0.74	1.44	0.44	1.01	1.68	0.30	1.08	1.21	-0.05	0.70
19	1.54	0.67	1.16	1.56	0.45	1.15	1.76	0.26	1.08	1.47	-0.63	0.64
20	1.74	1.02	1.33	2.01	0.69	1.45	1.75	0.33	1.12	1.37	0.06	0.81
21	1.84	0.37	1.21	1.23	-0.21	0.58	1.86	0.58	1.27	1.28	0.35	0.91
22	1.57	-0.57	0.72	1.35	-0.81	0.36	1.45	0.33	1.01	1.22	0.48	0.87
23	1.49	-0.50	0.64	1.48	-0.10	0.77	1.47	0.41	1.02	1.49	0.54	1.11
24	1.62	-0.25	0.81	1.65	0.0	0.98	1.51	0.77	1.18	1.48	0.42	1.13
25	1.74	-0.18	0.91	1.66	0.43	1.19	1.57	0.55	0.99	1.83	0.37	1.26
26	1.73	-0.63	0.35	1.61	0.48	0.88	1.49	0.52	1.15	1.85	0.41	1.30
27	1.07	-0.95	-0.01	1.32	-0.02	0.71	2.26	0.68	1.64	2.10	0.43	1.40
28	1.18	-0.37	0.52	1.42	0.60	0.95	2.01	0.30	1.44	2.14	0.43	1.43
29	---	---	---	1.43	0.48	1.03	1.86	0.30	1.28	2.09	0.49	1.43
30	---	---	---	1.64	0.71	1.19	1.96	0.36	1.35	2.11	0.53	1.47
31	---	---	---	1.77	-0.11	1.15	---	---	---	2.23	0.75	1.52
MONTH	1.84	-0.95	0.52	2.01	-1.09	0.87	2.26	-0.51	1.15	2.37	-0.63	1.24

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.83	0.71	1.41	1.39	0.58	1.05	1.11	0.27	0.74	1.75	0.36	1.04
2	1.67	0.93	1.35	1.23	0.63	0.97	1.03	0.24	0.71	1.89	0.71	1.34
3	1.74	1.02	1.41	1.09	0.52	0.85	1.41	0.33	0.95	2.29	0.57	1.52
4	1.56	1.16	1.37	1.13	0.26	0.79	1.62	0.21	1.06	2.32	0.68	1.59
5	2.01	1.27	1.65	1.04	-0.13	0.55	1.82	0.27	1.18	2.29	0.89	1.67
6	1.64	0.88	1.37	1.03	0.01	0.62	1.91	0.24	1.18	2.26	0.85	1.69
7	1.77	0.58	1.32	1.57	0.03	0.92	1.94	0.11	1.20	2.39	0.99	2.02
8	1.86	0.49	1.32	1.53	0.16	1.00	1.72	0.07	1.05	2.50	1.62	2.11
9	1.72	0.54	1.23	1.79	0.03	1.10	2.04	0.10	1.36	2.16	1.62	1.91
10	2.47	0.79	1.71	1.79	0.11	1.06	2.07	0.65	1.55	2.05	1.35	1.77
11	2.09	0.43	1.47	2.03	0.15	1.26	2.06	0.90	1.68	2.14	0.92	1.54
12	2.13	0.43	1.43	1.87	0.33	1.27	1.78	1.15	1.51	1.90	0.70	1.39
13	2.05	0.45	1.36	1.67	0.23	1.10	1.70	1.08	1.29	2.16	0.88	1.54
14	1.81	0.29	1.19	1.49	0.21	0.95	1.59	0.58	1.25	2.55	0.88	1.75
15	1.92	-0.18	1.02	1.19	0.36	0.82	1.89	0.84	1.42	1.89	0.26	1.18
16	1.70	0.44	1.26	1.24	0.33	0.78	1.82	0.53	1.25	1.64	0.50	1.17
17	1.58	0.95	1.24	1.26	0.23	0.76	1.97	0.42	1.27	1.61	0.43	1.10
18	1.57	0.93	1.20	0.88	-0.08	0.56	1.91	0.39	1.23	1.66	0.59	1.20
19	1.67	0.96	1.35	1.21	-0.11	0.66	1.84	0.27	1.20	1.76	0.89	1.41
20	1.41	0.36	1.09	1.41	-0.18	0.74	1.76	0.28	1.18	1.93	0.90	1.47
21	1.56	0.19	1.02	1.45	-0.48	0.72	1.81	0.41	1.19	1.84	0.95	1.44
22	1.78	0.30	1.22	1.54	-0.22	0.81	1.65	0.40	1.15	1.88	1.19	1.57
23	2.07	0.45	1.40	1.48	-0.27	0.79	1.57	0.40	1.10	2.02	1.31	1.66
24	2.09	0.47	1.42	1.56	-0.21	0.83	1.46	0.49	1.12	1.91	1.38	1.57
25	2.21	0.51	1.49	1.48	-0.12	0.77	1.29	0.58	1.06	2.02	0.94	1.49
26	2.20	0.31	1.41	1.30	0.02	0.78	1.27	0.55	1.00	2.02	1.34	1.61
27	2.27	0.31	1.48	1.29	0.06	0.86	1.38	0.74	0.98	2.20	1.06	1.66
28	2.02	0.52	1.28	1.05	0.29	0.80	1.38	0.47	0.89	2.28	0.88	1.59
29	1.75	0.61	1.20	1.14	0.42	0.90	1.35	0.58	0.90	1.92	0.48	1.24
30	1.61	0.60	1.17	1.29	0.50	0.82	1.47	0.48	0.99	2.05	0.79	1.49
31	---	---	---	1.12	0.32	0.71	1.58	0.32	0.98	---	---	---
MONTH	2.47	-0.18	1.33	2.03	-0.48	0.86	2.07	0.07	1.15	2.55	0.26	1.52

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1992 to current.
WATER TEMPERATURES: July 1992 to current.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 48,000 microsiemens/cm, Nov. 8, 2001; minimum recorded, 588 microsiemens/cm, July 4, 1997.
WATER TEMPERATURES: Maximum recorded, 34.9°C, July 21, 2002, but may have been higher during period of missing record; minimum recorded, 0.9°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 37,700 microsiemens/cm, Nov. 29; minimum, 2,510 microsiemens/cm, Jan. 9.
WATER TEMPERATURE: Maximum, 34.9°C, July 21; minimum, 3.6°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24500	20400	23600	31500	25700	27200	32300	28600	30200	19800	10500	14400
2	23900	20400	22100	33100	27900	29600	32200	26700	29000	18300	8410	11300
3	23500	21000	22400	32900	29700	31100	30800	25900	28200	13700	5770	9090
4	26700	22000	23400	32900	28900	30800	30700	27500	29200	12600	6120	8190
5	28500	23500	25300	32400	27900	30400	31500	29100	30000	19900	12600	16100
6	28600	20900	24200	33000	26700	29900	30900	27900	29300	16300	4560	7630
7	26100	21200	23100	32200	26600	28800	30300	25900	28300	5080	2870	3730
8	28400	23500	25800	32700	28300	30300	29400	23500	27400	7430	3460	5090
9	29400	26000	27800	32000	25500	28500	24500	22700	23500	7070	2510	4180
10	33100	26900	30400	29900	24600	27700	26700	23300	25100	9470	3350	5490
11	34500	27700	31600	30300	26300	28900	33700	20900	25600	10700	4590	6960
12	30700	26500	29000	31400	25200	29000	33700	27600	30000	8600	3840	5250
13	37500	26700	32900	32200	26900	30000	32200	27800	29600	11400	4110	6020
14	32000	25200	27800	33500	30400	32100	32200	23100	26800	13200	5540	8710
15	27500	24500	25700	35200	31200	32700	31200	25000	27400	10900	3980	6340
16	27200	23200	24600	35400	31300	33000	31400	27900	29500	10100	6190	7880
17	23600	22100	22900	33800	28200	31000	32100	26600	28800	10300	5500	7550
18	26000	21900	23600	33000	26800	29300	27300	21500	24300	10300	5700	8570
19	26300	20800	23600	33100	27000	29900	28700	20200	23400	11700	4700	8860
20	26500	21900	24000	31200	24700	27500	20800	19000	19700	14100	4240	6640
21	27400	22400	24700	32800	27600	29900	25700	20800	23700	14500	7120	10500
22	26900	22900	24900	33500	31200	32900	28300	24900	26900	15700	7810	11700
23	27400	24400	26000	33000	30700	31800	27300	18100	22000	23200	11700	16000
24	28200	25400	27000	34300	31300	32700	23400	17400	18900	22800	13200	17400
25	29100	23600	25900	32200	28900	30500	23400	17800	19900	21800	7460	13400
26	27300	23800	26000	30800	28900	30000	20600	12400	15200	20600	6560	12200
27	27200	22500	25500	31000	28400	29700	22000	10500	13500	20600	10800	15100
28	26300	22500	25000	36500	29700	32100	22400	13800	17200	21700	13400	17500
29	26200	23600	24700	37700	32000	34000	22800	13000	17500	22600	15200	19300
30	31100	24100	25600	32200	28500	29700	21800	12100	15800	24500	20100	22000
31	31500	25600	27100	---	---	---	20500	10800	15400	27500	22100	23800
MONTH	37500	20400	25700	37700	24600	30400	33700	10500	24200	27500	2510	10900

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23400	13600	17700	21400	16900	19600	25500	18500	21700	24300	10800	16200
2	19800	13600	16800	25800	16900	22100	27700	21000	23700	19200	13700	16900
3	20600	14300	18300	20100	11500	16400	26500	19900	23500	18100	12400	15700
4	18800	10200	13100	14100	9650	11500	23100	16100	19400	16600	8580	11700
5	19600	10900	14600	13400	6080	9020	22100	15000	18600	12700	6770	9740
6	22700	13200	17300	16700	10300	13000	23900	15900	19700	20300	11900	16400
7	20200	9470	12200	18300	11200	14500	25200	22000	23300	20600	19200	19800
8	21300	11400	15200	26300	15900	18500	29200	19600	25600	22000	19000	20500
9	22200	14000	17100	26100	18700	20700	24000	20300	22300	20700	15400	19300
10	22200	11000	15100	19000	11400	13900	22100	19100	20600	18200	15300	17100
11	17200	8320	11400	25800	16900	19300	19600	18400	19000	27300	15800	21400
12	17600	9400	13400	28000	17600	23300	18800	15300	17800	26900	19000	23700
13	16800	8900	11900	20600	15600	17500	16100	11300	15100	23400	14700	21200
14	16400	9680	12600	23100	20600	21700	17700	8540	13900	22800	11500	16300
15	18500	15300	16900	23400	20900	22100	19100	8540	14100	23000	12000	18100
16	17300	8740	13200	25100	21800	23000	18000	11300	15500	23000	16400	18800
17	17400	9540	12200	25200	21700	23500	18200	13700	16000	23000	18400	20600
18	18900	9570	15300	26400	22500	24700	18800	13000	15800	20200	9440	13600
19	24400	18500	20500	28500	22500	25300	18400	12300	15200	16600	6220	10100
20	24400	18900	21500	33200	25400	29300	17500	12600	15100	18300	9160	14000
21	27700	15700	20800	28800	22400	24400	18400	14300	16000	17700	8950	14400
22	26000	15000	18100	27000	16400	20500	18000	10100	14300	17800	11100	15600
23	21500	10000	15000	26600	19500	23200	16500	8740	12100	22300	16400	18800
24	22800	10400	15600	27100	22400	24900	16600	11400	13700	22900	16300	18900
25	22700	14000	17800	29100	25100	26700	14100	7050	11200	23700	16300	19700
26	23200	10800	15400	---	---	---	15500	7030	11800	26200	17600	20500
27	18900	6470	8630	---	---	---	21300	8740	16800	28200	17400	21800
28	21800	11600	15800	24900	22000	23600	21800	12900	18800	27600	18800	22400
29	---	---	---	24300	21700	23700	21900	10900	15600	26300	15800	20900
30	---	---	---	24900	21700	23300	21900	10000	15200	26400	15000	20300
31	---	---	---	26900	20900	23900	---	---	---	23500	16300	20000
MONTH	27700	6470	15500	---	---	---	29200	7030	17400	28200	6220	17900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21600	16200	19400	11900	8340	10600	12100	7350	9590	24700	21500	22800
2	22200	17100	19600	10900	7220	9650	12700	7140	9590	26200	21100	23300
3	19700	17200	18700	9460	4870	7630	18500	9070	14000	27200	22500	24800
4	19900	18900	19500	9500	4240	6130	17400	12400	15100	27300	23500	24900
5	24400	19700	21400	9480	2930	6110	18600	10600	15300	27800	23800	25500
6	20700	14100	19100	9040	3100	6320	18800	11400	15800	27000	24300	25700
7	22000	11400	17600	16300	4970	11000	20300	11800	16000	28800	25200	26500
8	20700	11400	17700	15000	7690	12300	18600	12200	15500	26700	23100	25200
9	21800	12400	16200	17000	9530	14100	19300	11800	15900	25200	21600	23200
10	24300	12400	19700	17000	8760	12600	20700	17300	18500	23700	21500	22700
11	24300	15200	20400	20100	8840	14100	22800	17900	20300	24100	21100	23200
12	24000	13200	18500	19600	11200	15200	21900	18200	19200	23400	22500	23000
13	20800	12300	17000	17700	10400	13300	18900	18100	18500	24800	22500	23200
14	19500	10600	14100	16200	9450	11900	18300	17500	18000	27200	22100	24200
15	17800	7730	11600	9910	8170	8970	21900	17400	18900	27400	20100	23600
16	16900	7850	13200	10500	7080	8780	21200	17500	18900	25900	20200	22300
17	15100	7960	10700	10400	6990	8540	21700	17500	19000	24700	20000	21900
18	13100	6870	9240	8580	4880	7040	22800	16600	19200	24500	20600	22700
19	15100	9240	12800	11400	5670	8470	22100	15100	18700	26200	22000	24400
20	15000	4620	11100	16500	6310	10400	22700	15100	19200	27800	24500	25800
21	13100	4640	9050	15800	7180	11200	23800	16200	19600	27300	24100	25200
22	17800	4950	12800	16500	8050	12300	22100	16600	19500	26400	25200	25800
23	22500	8480	14900	16500	9700	12800	20800	15100	18100	25900	24100	25200
24	20700	9680	15400	16000	9480	13000	21000	14400	18500	25400	21800	24200
25	20800	11600	16400	16400	10700	13000	20300	14700	17800	25500	15800	22000
26	20300	12800	16400	15100	9460	12300	19400	12600	17000	21300	16700	20400
27	20400	10900	14900	14700	9830	12300	20600	16300	18200	22100	14900	18700
28	16400	10300	13800	13200	11700	12500	20300	13700	17900	23000	16400	18400
29	15100	10400	13100	13700	11700	12800	21600	14600	19500	19000	14300	16400
30	14600	10000	12900	15100	10700	12700	24300	19200	21600	21800	15500	18200
31	---	---	---	12700	8480	10700	24200	20500	22700	---	---	---
MONTH	24400	4620	15600	20100	2930	10900	24300	7140	17600	28800	14300	23100

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.6	21.9	23.1	21.7	19.1	20.4	18.9	17.5	18.2	9.6	6.2	8.1
2	25.2	21.9	23.6	22.8	19.7	21.4	18.7	17.4	18.1	6.2	5.3	5.9
3	25.2	23.0	24.2	23.1	20.9	22.0	19.4	17.5	18.4	5.5	4.3	5.1
4	25.2	23.6	24.4	23.1	21.3	22.1	20.1	18.1	19.2	6.4	3.6	5.1
5	26.0	23.9	24.8	21.7	20.0	20.5	20.9	19.1	20.1	7.0	5.7	6.2
6	25.3	22.4	24.3	21.2	19.4	20.3	21.6	20.1	20.9	9.2	7.0	7.9
7	23.0	21.1	22.1	21.6	19.5	20.8	22.4	20.7	21.6	9.3	8.0	8.5
8	23.7	21.1	22.6	22.0	20.6	21.4	22.6	20.5	21.7	9.2	7.2	8.3
9	24.5	22.6	23.5	22.2	21.0	21.6	20.5	17.7	19.2	10.8	8.2	9.4
10	24.1	23.7	23.9	22.4	20.8	21.6	18.8	17.5	18.1	11.6	9.7	10.8
11	25.0	23.9	24.3	23.1	20.9	22.0	18.2	17.0	17.6	13.3	10.8	12.2
12	25.8	24.4	25.1	23.0	21.5	22.2	19.4	17.6	18.5	13.6	12.4	13.1
13	25.6	23.6	24.9	22.8	21.5	22.0	20.7	19.0	19.9	13.5	12.1	12.8
14	23.6	21.9	22.7	22.2	20.9	21.5	19.8	18.6	19.3	13.8	12.3	13.0
15	23.4	21.5	22.6	22.2	20.6	21.3	19.9	18.0	18.9	14.4	12.2	13.1
16	22.8	19.6	21.6	21.6	20.2	20.8	21.2	18.8	20.1	14.4	11.6	13.1
17	19.6	17.7	18.7	21.6	19.6	20.6	21.0	19.4	20.5	15.4	13.0	14.3
18	20.1	17.4	18.7	21.5	19.7	20.6	19.9	18.3	19.1	17.0	14.4	15.5
19	20.9	18.0	19.4	22.0	20.1	21.1	18.7	16.8	17.9	17.8	15.3	16.7
20	21.9	19.3	20.6	21.1	19.4	20.3	17.3	14.8	16.1	15.3	13.9	14.5
21	23.1	20.4	21.9	19.4	17.4	18.5	16.6	14.2	15.5	17.0	14.8	15.8
22	24.4	22.1	23.3	18.4	17.7	18.0	16.9	15.3	16.1	18.1	16.1	17.0
23	25.0	23.5	24.2	19.7	17.9	18.9	17.0	15.2	16.6	19.8	17.9	18.8
24	25.9	24.4	25.2	21.0	19.6	20.3	15.6	13.9	14.6	21.4	19.5	20.5
25	25.5	22.4	24.5	20.4	19.3	20.1	13.9	12.0	12.7	20.7	17.4	18.8
26	22.6	20.2	21.5	22.3	20.1	21.4	12.3	10.6	11.3	17.5	15.8	16.8
27	20.7	18.2	19.5	22.8	21.7	22.3	11.4	9.4	10.5	17.8	16.1	17.0
28	18.3	16.0	17.3	23.4	22.0	22.8	12.4	10.4	11.5	19.1	17.1	18.2
29	18.2	15.6	16.9	22.8	19.6	21.6	13.2	11.6	12.3	21.4	18.4	19.9
30	19.1	16.6	17.8	19.6	17.9	18.7	13.0	11.3	12.1	22.7	20.3	21.5
31	20.0	17.4	18.8	---	---	---	11.7	9.5	10.4	23.6	21.2	22.4
MONTH	26.0	15.6	22.1	23.4	17.4	20.9	22.6	9.4	17.0	23.6	3.6	13.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.0	16.2	19.0	11.9	10.4	11.1	23.4	21.4	22.4	28.1	26.1	27.1
2	16.2	12.8	14.5	13.3	11.9	12.4	24.2	21.3	22.8	28.4	26.3	27.3
3	16.2	14.6	15.4	13.1	7.9	10.4	25.2	23.2	24.0	28.8	26.7	27.6
4	15.2	13.7	14.3	8.6	5.7	7.4	23.8	20.1	21.2	29.7	27.0	28.1
5	13.9	11.2	12.3	9.9	6.5	8.3	20.8	17.8	19.4	31.0	27.8	29.1
6	11.7	11.1	11.4	12.2	9.1	10.6	19.9	17.9	19.1	29.6	28.1	28.7
7	11.2	9.4	10.4	14.5	11.5	13.1	20.9	18.3	19.5	29.8	27.3	28.3
8	10.9	9.4	10.1	16.9	13.7	15.5	21.7	20.1	20.7	29.3	27.2	28.1
9	12.5	9.8	11.1	19.2	16.5	17.7	22.4	19.9	20.7	29.7	27.2	28.3
10	14.0	11.4	12.7	17.0	14.3	15.7	23.2	20.9	22.0	30.6	27.9	28.9
11	13.7	11.5	12.5	16.8	14.5	15.7	23.3	22.1	22.7	29.8	27.9	28.7
12	13.4	11.0	12.1	17.9	15.9	16.9	23.6	22.2	22.8	29.2	27.4	28.3
13	13.8	11.9	12.8	18.4	16.0	17.1	24.3	22.1	23.2	28.8	25.6	27.8
14	14.9	11.8	13.1	18.5	16.5	17.5	25.5	23.0	24.1	25.6	22.2	24.1
15	13.6	12.6	13.1	21.8	18.2	19.9	26.6	24.2	25.0	25.8	23.1	24.4
16	16.0	13.2	14.2	24.0	21.3	22.5	26.3	24.5	25.5	26.4	24.0	24.5
17	15.9	13.3	14.7	25.3	23.0	24.1	27.1	24.9	26.0	27.4	25.9	26.5
18	17.0	14.6	15.8	26.0	23.9	24.8	27.7	25.5	26.6	26.1	22.4	24.5
19	18.0	15.9	16.9	26.0	24.0	25.0	27.8	25.9	26.9	22.6	19.9	21.4
20	19.3	17.8	18.3	25.6	24.7	25.0	27.9	26.2	27.0	22.6	19.8	21.3
21	19.4	17.5	18.5	24.7	20.6	22.8	28.0	26.1	27.0	23.1	20.8	22.0
22	18.8	15.4	16.9	20.6	16.6	18.3	28.2	26.4	27.3	23.9	21.6	22.6
23	15.4	13.2	14.3	18.7	15.6	17.3	28.9	27.0	27.9	24.5	21.5	22.6
24	15.8	13.3	14.5	19.1	17.0	18.2	29.1	26.8	27.9	25.8	22.7	23.9
25	17.3	14.5	15.8	21.2	18.4	19.6	30.1	27.0	28.0	27.7	24.2	25.5
26	16.5	13.5	15.8	---	---	---	28.9	27.0	27.9	28.5	25.5	26.6
27	13.5	10.0	11.4	---	---	---	28.5	26.9	27.6	28.9	26.0	27.3
28	11.9	9.6	10.9	21.2	19.2	20.5	28.4	26.6	27.3	29.1	26.5	27.6
29	---	---	---	23.4	20.7	21.9	29.2	26.8	27.7	29.2	26.9	28.0
30	---	---	---	24.1	22.1	23.0	28.7	26.7	27.6	29.1	27.4	28.1
31	---	---	---	24.5	22.8	23.6	---	---	---	29.4	26.8	28.0
MONTH	23.0	9.4	14.0	---	---	---	30.1	17.8	24.6	31.0	19.8	26.3

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.6	27.3	28.4	31.0	28.9	29.8	29.6	28.8	29.3	30.3	28.8	29.3
2	31.0	27.9	29.1	30.5	29.7	30.1	31.0	28.6	29.6	29.0	28.0	28.6
3	30.7	28.5	29.4	31.1	29.3	30.0	30.5	29.2	29.8	28.0	27.5	27.8
4	31.7	28.7	29.8	31.8	29.5	30.5	30.8	29.0	29.8	27.5	26.8	27.1
5	30.0	28.6	29.2	32.0	29.6	31.0	30.8	28.7	29.8	26.8	26.4	26.6
6	30.2	28.1	28.9	31.9	30.4	31.0	30.2	29.1	29.7	26.7	26.2	26.4
7	31.9	29.3	30.2	31.9	30.0	30.8	31.8	29.4	30.2	26.4	25.5	26.0
8	32.5	30.2	31.1	31.9	29.6	30.5	33.6	30.4	31.3	25.6	25.1	25.4
9	31.9	29.9	30.8	31.4	29.3	30.3	31.6	29.8	30.8	26.8	25.2	25.9
10	30.3	29.2	29.7	30.8	29.0	29.9	29.8	28.1	28.8	28.2	26.2	27.1
11	30.4	28.0	29.0	32.3	29.2	30.3	28.6	27.5	28.1	29.6	27.1	28.3
12	31.0	28.2	29.4	32.3	30.0	31.0	28.0	27.3	27.7	29.9	28.2	29.1
13	32.7	29.1	30.3	31.4	30.0	30.6	28.2	27.0	27.7	29.8	28.5	29.2
14	32.2	29.4	30.5	30.7	29.3	29.9	27.9	27.2	27.6	30.5	28.6	29.4
15	31.2	28.4	29.6	31.4	28.9	29.8	28.4	27.0	27.6	30.0	28.8	29.6
16	30.2	28.4	29.2	31.5	29.5	30.4	29.9	27.8	28.7	30.8	28.9	29.5
17	29.6	27.4	28.3	32.9	29.9	31.1	31.4	28.8	29.9	30.4	29.0	29.5
18	30.1	27.4	28.4	33.2	30.6	31.9	31.9	29.9	30.7	31.0	29.0	29.7
19	29.1	27.7	28.5	34.1	31.1	32.6	32.6	30.5	31.1	30.5	28.9	29.6
20	30.7	27.5	28.8	34.4	32.1	33.2	31.7	30.3	30.8	30.5	28.8	29.4
21	30.7	28.1	29.1	34.9	31.9	33.1	31.6	29.7	30.4	31.3	28.9	29.9
22	29.4	27.8	28.6	32.7	31.1	31.9	31.0	29.8	30.3	31.2	29.4	30.2
23	29.0	27.2	28.0	33.9	30.4	31.6	31.8	29.5	30.5	29.4	27.4	28.2
24	29.8	27.3	28.2	32.9	31.1	32.0	32.1	30.0	31.0	27.5	24.5	26.1
25	30.2	28.0	28.9	31.6	29.6	30.8	32.2	30.5	31.2	25.0	23.8	24.4
26	29.4	28.1	28.8	30.8	29.0	29.7	32.4	30.1	31.3	24.0	23.2	23.6
27	28.9	27.5	28.1	31.6	29.4	30.4	32.2	29.7	30.9	25.2	22.9	23.9
28	29.0	27.3	28.0	32.6	30.0	31.1	31.6	30.1	31.0	26.2	24.1	25.2
29	30.1	27.7	28.8	31.1	29.5	30.3	31.3	29.4	30.3	27.3	25.3	26.3
30	30.7	28.3	29.4	30.2	28.9	29.5	31.1	29.3	30.2	28.1	26.1	27.1
31	---	---	---	30.1	28.9	29.4	30.6	29.0	29.8	---	---	---
MONTH	32.7	27.2	29.1	34.9	28.9	30.8	33.6	27.0	29.9	31.3	22.9	27.6

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA

LOCATION.--Lat 29°04'41", long 90°52'17", T. 21 S., R. 15 E., Terrebonne Parish, Hydrologic Unit 08090302, installed on manned oil platform 24 miles southwest of Bayou DuLarge and 28 miles southwest of Dulac, La.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 3.30 ft, Mar. 29, 2001; minimum recorded, -1.88 ft, Jan. 8, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.84 ft, Sept. 14; minimum recorded, -1.26 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.38	0.66	1.07	1.71	0.23	1.06	1.85	-0.07	0.98	1.65	-1.16	0.29
2	1.14	0.65	0.89	2.06	0.30	1.18	1.74	-0.52	0.69	1.62	-0.47	0.46
3	1.34	0.62	1.00	2.22	0.21	1.32	1.72	-0.51	0.63	0.89	-0.72	0.15
4	1.47	0.48	1.03	2.11	0.13	1.20	1.87	-0.48	0.69	0.72	-0.55	0.07
5	1.66	0.43	1.17	2.15	0.20	1.26	1.82	-0.16	0.82	1.66	0.10	0.66
6	---	---	---	2.15	0.07	1.12	1.44	-0.18	0.69	0.25	-0.86	-0.25
7	---	---	---	1.86	-0.12	0.94	1.27	-0.11	0.67	0.53	-1.23	-0.19
8	---	---	---	1.86	0.14	1.14	1.09	0.13	0.73	0.24	-0.88	-0.18
9	---	---	---	1.74	-0.04	0.94	1.09	0.24	0.70	0.31	-1.26	-0.24
10	---	---	---	1.45	0.15	0.85	1.12	0.55	0.85	1.11	-1.00	0.21
11	---	---	---	1.34	0.77	1.09	1.55	-0.17	0.78	0.93	-0.92	0.21
12	---	---	---	1.42	0.58	1.02	1.61	0.07	0.88	1.10	-1.17	0.10
13	---	---	---	1.68	0.41	1.10	1.98	-0.33	0.89	1.30	-0.89	0.27
14	---	---	---	1.72	0.40	1.17	1.82	-0.80	0.68	1.33	-0.59	0.48
15	---	---	---	2.06	0.19	1.22	2.08	-0.23	0.89	1.12	-0.91	0.20
16	---	---	---	1.88	-0.06	0.96	2.20	-0.22	1.00	1.04	-0.46	0.38
17	---	---	---	1.57	-0.38	0.67	2.00	-0.34	0.69	0.93	-0.37	0.25
18	---	---	---	1.60	-0.55	0.51	1.56	0.01	0.72	0.77	-0.15	0.27
19	---	---	---	1.52	-0.34	0.55	1.54	0.10	0.59	1.03	-0.68	0.35
20	---	---	---	1.43	-0.29	0.59	1.21	-0.06	0.55	0.86	-0.01	0.46
21	---	---	---	1.65	0.10	0.92	1.19	0.14	0.70	0.65	0.07	0.46
22	---	---	---	2.08	0.49	1.19	1.19	0.53	0.90	0.81	-0.09	0.47
23	---	---	---	2.04	0.62	1.19	1.15	0.36	0.82	1.03	-0.28	0.50
24	---	---	---	1.96	0.70	1.38	1.22	0.42	0.89	1.37	-0.29	0.67
25	---	---	---	1.58	0.78	1.14	1.47	0.31	0.88	1.32	-0.95	0.27
26	---	---	---	1.33	0.79	1.04	0.94	-0.28	0.31	1.44	-0.56	0.56
27	---	---	---	1.75	0.48	1.14	1.21	-0.68	0.46	1.68	-0.93	0.51
28	---	---	---	2.11	0.63	1.37	1.91	-0.60	0.72	1.65	-0.85	0.50
29	---	---	---	2.58	0.28	1.47	1.69	-0.50	0.78	1.42	-0.59	0.53
30	---	---	---	1.99	-0.05	1.11	1.65	-0.59	0.59	1.39	-0.46	0.54
31	1.16	0.44	0.87	---	---	---	1.71	-0.66	0.62	1.36	-0.08	0.66
MONTH	---	---	---	2.58	-0.55	1.06	2.20	-0.80	0.74	1.68	-1.26	0.31

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.44	-0.80	0.15	2.01	0.73	1.28	1.71	-0.23	0.78	2.71	-0.20	1.11
2	0.63	-0.02	0.36	1.92	0.35	1.46	1.76	-0.09	0.96	2.13	0.08	1.20
3	0.89	-0.23	0.38	1.69	-0.20	0.71	1.77	-0.37	0.82	2.26	0.27	1.24
4	0.59	-0.51	0.16	0.97	-1.00	0.31	1.70	-0.52	0.74	1.71	0.21	1.02
5	0.86	-0.38	0.34	0.52	-1.00	-0.07	1.47	-0.16	0.64	1.49	0.43	1.03
6	1.64	-0.18	0.76	0.75	-0.52	0.17	1.15	-0.32	0.57	1.52	0.97	1.23
7	1.16	-0.69	0.35	1.22	-0.62	0.47	1.29	0.27	0.91	1.67	0.99	1.26
8	1.09	-0.53	0.41	1.37	-0.22	0.74	2.32	0.73	1.22	1.85	0.86	1.44
9	1.18	-0.79	0.35	1.04	-0.20	0.58	1.90	1.09	1.48	1.73	0.46	1.25
10	1.04	-0.59	0.28	1.04	-0.73	0.23	1.45	0.90	1.13	1.76	0.42	1.17
11	0.99	-0.77	0.20	1.39	-0.17	0.68	1.46	0.78	1.17	1.97	0.14	1.27
12	0.86	-0.61	0.26	1.28	0.09	0.57	1.58	0.37	1.07	2.22	0.02	1.30
13	0.84	-0.84	0.19	1.04	0.27	0.64	1.42	0.35	1.02	1.98	-1.00	1.00
14	0.72	-0.54	0.12	1.10	0.45	0.76	1.64	0.00	1.01	1.94	-0.23	0.96
15	0.89	0.13	0.55	1.15	0.44	0.73	1.67	-0.30	0.86	2.02	-0.32	0.99
16	0.61	-0.29	0.27	1.18	0.31	0.88	1.74	-0.20	0.86	1.93	-0.12	1.18
17	0.42	0.02	0.28	1.28	0.18	0.74	1.80	-0.07	0.92	2.17	---	---
18	0.65	0.16	0.50	1.35	-0.08	0.73	1.72	-0.16	0.82	1.61	---	---
19	1.28	0.29	0.85	1.49	0.23	0.86	1.74	-0.19	0.88	1.79	---	---
20	1.93	0.35	1.14	1.98	-0.28	1.13	1.66	-0.15	0.89	1.47	---	---
21	1.71	0.16	1.02	1.55	-0.42	0.74	1.85	0.13	1.06	1.29	---	---
22	2.09	-0.95	0.78	1.58	-0.56	0.73	1.31	0.01	0.77	1.25	---	---
23	1.46	-0.52	0.69	1.45	-0.20	0.70	1.28	0.08	0.75	1.38	---	---
24	1.48	-0.74	0.60	1.47	-0.40	0.78	1.41	0.45	0.88	1.48	---	---
25	1.59	-0.85	0.57	1.56	0.14	0.97	1.41	0.05	0.76	1.83	---	---
26	1.22	-1.17	0.36	1.53	0.31	0.80	1.49	-0.03	0.89	1.99	---	---
27	1.15	-0.79	0.28	1.34	0.20	0.78	1.91	-0.11	1.21	2.19	---	---
28	1.15	-0.67	0.32	1.34	0.31	0.70	2.19	-0.35	1.15	2.22	---	---
29	---	---	---	1.24	0.04	0.69	2.09	-0.18	1.14	2.20	---	---
30	---	---	---	1.81	-0.01	0.84	2.18	-0.37	1.11	2.32	---	---
31	---	---	---	1.70	-0.51	0.82	---	---	---	2.25	---	---
MONTH	2.09	-1.17	0.45	2.01	-1.00	0.71	2.32	-0.52	0.95	2.71	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.85	---	---	1.32	0.46	0.94	1.17	0.21	0.75	1.90	0.25	1.07
2	1.64	---	---	1.12	0.52	0.85	1.31	0.19	0.76	2.06	0.48	1.36
3	1.64	---	---	1.02	0.41	0.74	1.53	0.29	0.96	2.32	0.29	1.38
4	1.60	0.99	1.25	1.06	0.16	0.71	1.88	0.28	1.16	2.40	0.26	1.48
5	1.85	1.12	1.50	1.08	-0.37	0.51	2.01	-0.01	1.15	2.35	0.58	1.59
6	1.63	0.80	1.29	1.14	-0.16	0.64	2.11	-0.17	1.05	2.31	0.50	1.59
7	1.73	0.41	1.22	1.64	-0.29	0.79	2.05	-0.36	1.07	2.43	1.36	2.03
8	1.82	0.19	1.15	1.73	-0.12	0.93	1.78	-0.38	0.94	2.50	1.57	1.95
9	1.68	0.19	1.08	1.87	-0.45	0.96	2.18	0.32	1.35	2.28	1.47	1.85
10	2.47	0.24	1.50	1.98	-0.28	1.04	2.16	0.71	1.53	2.06	1.24	1.73
11	2.11	-0.02	1.26	2.19	-0.07	1.24	2.13	0.93	1.62	2.03	0.60	1.43
12	2.21	0.00	1.26	2.03	-0.22	1.18	1.71	0.98	1.41	2.19	0.62	1.38
13	2.17	-0.08	1.20	1.71	-0.18	1.00	1.60	0.91	1.18	2.75	0.82	1.64
14	1.98	-0.47	1.09	1.38	-0.18	0.83	1.61	0.12	1.13	2.84	0.50	1.68
15	2.03	-0.47	1.02	1.16	0.10	0.72	1.89	0.40	1.26	1.90	-0.17	1.00
16	1.70	0.11	1.09	1.10	0.13	0.68	1.89	0.21	1.12	1.71	0.30	1.09
17	1.62	0.50	1.07	1.22	0.11	0.69	2.01	0.15	1.13	1.73	0.20	1.03
18	1.45	0.82	1.10	1.06	-0.08	0.56	2.00	0.08	1.12	1.66	0.33	1.08
19	1.60	0.76	1.15	1.29	-0.31	0.64	1.94	0.03	1.09	1.65	0.59	1.24
20	1.44	0.21	1.00	1.51	-0.45	0.68	1.82	0.03	1.12	1.97	0.65	1.29
21	1.71	0.01	1.01	1.53	-0.53	0.62	1.94	0.17	1.12	1.80	0.91	1.42
22	2.03	0.19	1.30	1.68	-0.58	0.74	1.65	0.12	1.04	2.16	1.30	1.67
23	2.30	0.02	1.35	1.61	-0.65	0.70	1.62	0.33	1.05	---	---	---
24	2.16	-0.02	1.25	1.69	-0.48	0.79	1.48	0.50	1.10	---	---	---
25	2.31	0.01	1.32	1.55	-0.48	0.71	1.37	0.49	1.03	---	---	---
26	2.32	-0.30	1.14	1.33	-0.17	0.70	1.38	0.58	1.07	---	---	---
27	2.24	-0.37	1.18	1.31	0.05	0.78	1.47	0.74	1.00	---	---	---
28	2.01	0.11	1.03	1.04	0.17	0.72	1.19	0.47	0.92	---	---	---
29	1.65	0.21	1.05	1.09	0.41	0.86	1.52	0.54	0.96	---	---	---
30	1.51	0.41	1.05	1.28	0.37	0.76	1.58	0.40	1.01	---	---	---
31	---	---	---	1.13	0.25	0.70	1.70	0.25	0.99	---	---	---
MONTH	2.47	---	---	2.19	-0.65	0.79	2.18	-0.38	1.10	---	---	---

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1999 to current year. WATER TEMPERATURES; June 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Specific conductance and water temperature rated good.

EXTREMES FOR PERIOD OF DAILY REOCRD.--
SPECIFIC CONDUCTANCE: Maximum, 57,500 micorsiemens/cm, Mar. 2, 2000; minimum, 16,500 microsiemens/cm, Jan. 8, 2002.
WATER TEMPERATURES: Maxmium, 34.2°C, July 19, 21, 2002; minimum, 4.1°C, Jan. 30, 2000.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 46,700 microsiemens/cm, Nov. 5; minimum, 16,500 microsiemens/cm, Jan. 8.
WATER TEMPERATURE: Maximum, 34.2°C, July 19, 21; minimum, 4.5°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	42800	39200	41300	45300	43300	44500	43900	40700	42100	39400	28000	35200
2	41300	38500	40400	44900	42600	44100	42600	38800	41300	37200	30500	34600
3	40100	38000	39300	46200	41800	43900	42700	39600	41100	30900	27200	29000
4	41400	37800	39600	46500	42000	44800	41900	38900	40200	33900	28300	31100
5	41900	37200	40100	46700	40900	44300	45000	37800	42400	36600	32200	35100
6	---	---	---	46600	41700	44000	44500	39400	41900	35700	20700	27000
7	---	---	---	45100	41800	43200	43500	38700	41000	20700	17000	18300
8	---	---	---	44300	41600	43100	44100	39200	42000	23800	16500	20100
9	---	---	---	43900	42400	43000	39900	37700	38600	30700	17200	23000
10	---	---	---	43800	41600	42800	40300	37100	38900	31900	21500	27600
11	---	---	---	43600	42200	43000	43500	37300	39600	34600	22800	27800
12	---	---	---	43100	41900	42600	41900	38600	40200	34500	24100	27900
13	---	---	---	44600	41500	42700	40900	38800	39600	38600	24800	31000
14	---	---	---	44600	42100	43000	41400	38400	39700	37600	28000	33500
15	---	---	---	44400	42000	43300	39900	37600	38900	36900	29500	33100
16	---	---	---	43300	41500	42200	39600	38100	38700	37800	30400	35000
17	---	---	---	43400	41000	42500	39800	37500	38400	37700	34000	35600
18	---	---	---	43100	41800	42500	38800	37000	38000	38200	33400	35900
19	---	---	---	43000	41500	42400	38500	34600	35900	39300	35800	37000
20	---	---	---	43000	41700	42400	38400	34800	37000	36900	32200	34500
21	---	---	---	42500	41100	41800	39700	34600	37600	37300	31500	34700
22	---	---	---	42500	40600	41800	40600	35800	38000	37400	31800	35100
23	---	---	---	43200	39100	40500	42000	36500	38900	40900	35000	38800
24	---	---	---	44000	41900	42700	40100	33600	36900	43100	35900	40200
25	---	---	---	44000	38000	41100	39400	34900	37800	41400	32900	37000
26	---	---	---	42400	41200	42000	38200	34200	36100	41900	33000	38400
27	---	---	---	42200	40100	41400	38500	33600	36200	41900	34300	38700
28	---	---	---	44600	39300	42500	38500	34000	36700	40700	35800	38600
29	---	---	---	45300	40200	42300	38200	35000	36300	41000	35900	38700
30	---	---	---	43700	40100	42100	38600	34000	36000	41300	37100	39500
31	45300	43600	44200	---	---	---	40600	33800	36800	40800	39300	40300
MONTH	---	---	---	46700	38000	42800	45000	33600	38800	43100	16500	33300

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	40300	37500	39200	39300	33400	36800	44300	40800	43000	32100	31500	31800
2	38200	34800	36900	41900	37500	40200	44300	41600	42800	32000	31000	31500
3	39300	37000	38100	39600	30900	35800	42800	41700	42200	32300	31400	32000
4	37000	29100	33200	33500	19500	27300	41900	39100	40100	31900	31100	31400
5	39500	30700	35900	37600	19500	29400	39700	38400	39100	32600	31200	31700
6	41300	36200	39100	38400	32200	34400	40100	36700	38800	33400	31900	32900
7	37800	32000	35100	42000	36200	39400	39700	38600	39500	31900	29700	31100
8	40600	33200	37400	42600	36900	40200	38600	35700	37100	31100	29400	30700
9	40400	36400	38300	44200	40700	42400	35700	34400	34800	30300	27500	28800
10	40500	36700	38800	40700	31300	36600	36400	35200	35900	31000	27200	28500
11	39900	35500	37600	39900	34800	37400	36600	36000	36400	28300	26600	27600
12	38400	33000	36000	39900	34300	37100	36000	33800	34900	29900	27200	28400
13	38500	35600	36800	41100	35100	39000	33800	33300	33500	31000	26900	28300
14	38900	34600	36800	40900	39400	40400	33600	33300	33500	37200	29100	32000
15	41500	37400	39500	42400	40200	41000	34100	33500	33900	40400	29300	34100
16	40900	36400	38700	44500	41800	43300	34200	31600	33700	39400	31400	34500
17	39300	33200	37600	44500	42200	43600	34100	31400	33000	45000	37000	42100
18	39500	36600	38300	45400	42000	43700	33600	32100	32600	42800	38700	40400
19	41100	37600	39300	44400	41100	42800	33700	32300	33000	39000	32000	34500
20	42100	40500	41300	42100	39200	41200	33400	32200	32900	34400	27700	30800
21	41000	37600	39900	42100	38900	40500	33000	31200	32100	40500	30000	35200
22	39300	35500	38200	42700	37300	39400	33900	32700	33300	40400	33400	36300
23	38800	33300	36300	44300	37000	40600	33800	32200	33100	41200	35900	38400
24	38900	30300	35000	42200	37300	40200	33000	31900	32500	41100	37400	40000
25	37800	35200	36700	44700	38800	42500	32600	31500	32200	39400	36300	37800
26	37800	28500	35000	44100	38600	40900	32400	31000	31900	40600	38100	39700
27	32100	23000	26700	43400	37300	41100	31600	30900	31200	40800	39400	40200
28	37400	26600	30500	43400	39900	42000	31600	31100	31200	40600	39300	40200
29	---	---	---	43500	42200	43000	32400	30900	31400	40300	38900	39700
30	---	---	---	44000	42700	43500	32400	31200	31400	40300	36500	38500
31	---	---	---	43900	43400	43800	---	---	---	38400	35500	37200
MONTH	42100	23000	36900	45400	19500	39700	44300	30900	35000	45000	26600	34400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	37200	35900	36500	30100	29200	29800	29000	24800	26700	39500	35200	37000
2	37200	32400	34600	30800	29700	30300	29800	28000	28500	40900	36100	38700
3	35300	31700	34000	30600	29800	30100	36100	28600	31500	41200	35400	38200
4	34100	32600	33400	30700	29000	30000	36200	34200	35200	40300	36500	38400
5	34600	32800	33700	29800	23800	26200	35300	31400	33500	40600	35900	38600
6	34400	32000	33700	28700	24100	25900	34300	28000	30900	40400	37700	39500
7	34300	30100	33100	33100	28700	30800	32800	28900	30900	39600	37000	38900
8	34000	32500	33300	34300	30200	32000	32500	27100	30300	39400	37600	38400
9	34300	32800	33400	35100	32200	33500	40700	31900	35100	38400	37500	38100
10	34100	32700	33300	32700	31700	32400	42900	37400	39300	38900	37700	38300
11	34700	30300	33300	32600	31100	32100	42600	37600	40900	39200	37600	38700
12	33000	28900	31000	33200	29900	31900	41300	37000	39400	39200	37200	38200
13	33000	31000	32000	32300	29600	31200	40100	36500	38500	39000	35600	37200
14	34100	30800	32500	31900	29600	31100	39900	36700	39000	37300	36000	36700
15	34400	31400	33400	32900	29500	31100	41500	36900	39900	38100	32900	36000
16	34400	33100	33900	33000	29500	31800	41700	36300	38800	38300	35900	36800
17	35700	32800	34100	34100	30900	32600	41100	36100	38900	38300	36600	37500
18	35900	32900	34200	30900	26900	28600	39600	37600	38700	39200	37300	38000
19	35300	32400	34400	31100	28200	29700	40200	37400	39300	39400	36000	38400
20	34600	31800	33100	31100	27200	29100	40000	36700	38500	38000	36900	37300
21	33700	31500	32700	33300	30700	31900	39000	37100	38000	38700	37000	38200
22	32200	30000	31200	35000	32900	33800	39200	36500	37800	39000	36000	38400
23	30700	29100	30100	35900	32800	34800	39000	36300	37600	36000	33200	34500
24	30600	30000	30400	36000	28300	32600	37600	36400	37200	37800	32400	35500
25	30400	29600	30200	33000	30900	32300	38400	36600	37500	37800	34800	36500
26	29700	29200	29500	34900	30700	32600	38600	36300	37200	39800	33200	35700
27	29200	28000	28500	35900	32700	34200	37500	36300	37000	36800	27300	32600
28	28700	28000	28400	35600	33000	33900	39000	35700	37200	38400	26500	33400
29	29000	28200	28600	37100	33200	35100	38100	34600	36300	40300	35300	37200
30	29700	29000	29500	35600	33600	34500	37400	33500	35800	42300	36000	39100
31	---	---	---	36800	29000	33900	39200	34000	36000	---	---	---
MONTH	37200	28000	32300	37100	23800	31600	42900	24800	36200	42300	26500	37300

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.2	22.9	23.4	21.6	19.4	20.4	19.7	17.4	18.8	11.1	7.3	9.0
2	24.2	23.0	23.5	22.9	20.9	21.7	19.3	17.6	18.7	7.7	5.8	6.8
3	24.6	23.5	24.0	22.9	21.6	22.2	20.1	18.0	19.1	5.8	4.8	5.4
4	24.8	23.9	24.3	23.2	21.6	22.4	20.4	18.8	19.6	6.4	4.5	5.6
5	25.4	24.2	24.7	22.5	19.7	21.0	21.8	20.0	20.8	10.8	5.7	8.3
6	---	---	---	21.6	19.3	20.7	22.1	20.6	21.4	10.0	7.0	7.9
7	---	---	---	21.7	20.2	21.0	22.4	21.1	21.7	8.4	7.7	8.0
8	---	---	---	22.3	21.0	21.6	22.7	21.5	22.1	9.4	7.4	7.9
9	---	---	---	22.5	21.4	21.9	21.5	19.1	19.8	9.4	7.8	8.6
10	---	---	---	22.4	21.1	21.8	19.1	17.7	18.6	10.9	9.0	10.2
11	---	---	---	22.4	21.7	22.1	19.3	17.6	18.3	12.4	10.5	11.5
12	---	---	---	22.6	21.8	22.2	20.0	18.3	19.2	13.0	11.6	12.4
13	---	---	---	22.3	21.0	21.8	21.2	19.9	20.6	13.6	11.6	12.6
14	---	---	---	21.9	20.7	21.5	20.9	19.3	19.9	13.7	13.1	13.4
15	---	---	---	21.8	20.7	21.4	20.4	18.0	19.3	14.1	12.0	13.2
16	---	---	---	21.6	20.3	21.1	21.8	20.2	20.8	14.6	12.5	13.7
17	---	---	---	21.4	19.7	20.6	21.5	20.2	21.1	14.9	13.8	14.4
18	---	---	---	21.7	20.0	20.8	20.2	17.6	19.4	16.6	14.4	15.4
19	---	---	---	22.0	20.4	21.3	19.3	17.6	18.7	18.2	15.9	16.6
20	---	---	---	21.6	19.9	20.5	17.6	14.9	16.3	15.9	14.6	15.3
21	---	---	---	19.9	17.3	18.9	16.7	14.9	15.8	17.0	15.1	15.8
22	---	---	---	19.7	18.2	19.0	18.6	15.9	17.0	17.9	16.0	16.6
23	---	---	---	21.2	19.0	19.7	18.6	16.8	17.8	19.1	17.4	18.0
24	---	---	---	21.8	20.7	21.2	16.8	14.5	15.5	19.8	18.2	18.9
25	---	---	---	21.5	20.2	20.8	15.7	12.8	14.0	19.6	17.7	18.6
26	---	---	---	22.1	20.5	21.2	13.0	11.8	12.4	17.7	15.7	16.8
27	---	---	---	22.5	21.6	22.0	11.8	10.5	11.3	18.0	16.2	17.1
28	---	---	---	23.5	22.0	22.9	13.3	11.3	12.3	18.9	17.6	18.1
29	---	---	---	23.1	20.7	22.1	14.4	12.6	13.3	20.4	18.4	19.4
30	---	---	---	20.7	18.2	19.5	14.4	11.8	12.9	21.1	19.3	20.3
31	19.6	18.3	18.9	---	---	---	12.4	10.5	11.5	21.7	19.9	20.8
MONTH	---	---	---	23.5	17.3	21.2	22.7	10.5	17.7	21.7	4.5	13.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.3	17.0	18.9	14.3	12.1	13.0	23.6	22.0	22.7	28.0	25.9	27.1
2	17.0	12.6	15.3	15.5	14.1	14.9	24.4	21.6	22.9	28.1	26.8	27.4
3	16.4	15.3	16.0	15.0	9.8	12.5	25.5	22.9	23.9	28.5	26.8	27.7
4	16.1	14.3	15.1	9.8	8.5	9.0	24.2	20.3	22.0	29.2	27.2	28.2
5	14.4	13.2	13.7	11.1	8.3	9.7	20.8	19.0	19.9	29.8	28.1	29.0
6	13.6	12.1	13.3	13.4	9.8	11.5	20.2	18.7	19.5	29.2	28.0	28.6
7	12.1	10.5	11.3	15.0	12.5	13.6	20.9	18.1	19.6	29.4	27.6	28.4
8	11.5	10.2	10.8	16.6	14.5	15.5	21.6	20.1	20.8	28.9	27.1	28.1
9	13.3	10.7	11.9	18.7	16.4	17.3	21.7	20.0	20.6	29.3	27.4	28.2
10	15.2	12.9	14.1	18.4	14.5	15.5	22.6	20.5	21.4	29.9	27.9	28.6
11	14.1	11.9	12.9	15.9	14.4	15.1	22.6	21.7	22.1	29.6	27.9	28.6
12	13.1	11.4	12.4	17.4	15.9	16.6	25.1	21.7	22.8	29.8	27.8	28.4
13	13.6	12.7	13.2	16.7	16.0	16.3	24.5	22.8	23.5	28.6	26.4	28.0
14	13.9	11.9	13.1	18.1	16.0	16.9	25.1	23.0	23.9	26.4	24.0	25.2
15	14.0	13.2	13.6	19.9	17.6	18.7	26.7	23.4	24.6	26.5	24.1	25.0
16	15.0	13.6	14.3	21.5	19.4	20.3	26.9	24.3	25.4	26.7	24.5	25.3
17	16.1	13.8	14.6	22.7	20.6	21.6	27.4	24.0	25.4	27.0	22.2	26.2
18	16.8	14.6	15.6	24.0	21.3	22.6	27.5	24.8	25.9	26.2	23.5	25.0
19	17.6	16.0	16.7	24.5	22.3	23.3	27.4	25.2	26.4	23.4	21.1	22.2
20	18.3	17.4	17.8	23.8	23.0	23.4	27.4	25.6	26.7	22.7	20.5	21.9
21	19.1	17.4	18.0	23.4	20.4	22.2	27.5	25.5	26.7	23.2	21.2	22.1
22	19.0	15.8	17.1	20.4	16.9	18.4	28.1	26.4	27.2	23.5	21.0	22.3
23	15.8	12.5	14.3	18.4	16.6	17.6	28.4	27.1	27.7	24.0	21.4	22.5
24	15.3	13.8	14.5	19.2	17.2	18.3	28.5	26.9	27.6	24.7	22.4	23.5
25	16.9	15.0	15.8	21.3	19.0	19.9	29.5	27.1	27.9	26.4	23.8	24.6
26	17.3	14.0	16.3	22.1	20.8	21.4	29.1	27.5	28.2	27.6	24.5	25.7
27	14.0	11.2	12.1	21.7	18.9	20.3	28.5	27.0	27.6	28.2	25.5	26.5
28	12.8	9.7	11.1	21.6	19.8	20.8	28.4	26.8	27.5	29.0	25.9	27.2
29	---	---	---	22.7	21.0	21.9	28.6	27.0	27.8	30.0	26.6	28.0
30	---	---	---	23.9	22.3	22.9	28.2	27.0	27.7	28.2	27.0	27.6
31	---	---	---	24.6	22.2	23.2	---	---	---	28.7	26.7	27.8
MONTH	21.3	9.7	14.4	24.6	8.3	17.9	29.5	18.1	24.5	30.0	20.5	26.3

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	27.3	28.3	30.7	29.2	29.9	30.1	28.2	29.2	30.1	28.8	29.5
2	30.1	27.8	28.9	30.8	29.5	30.2	30.8	28.9	29.7	29.4	28.1	28.6
3	30.3	28.2	29.2	31.6	29.6	30.5	31.4	29.0	30.1	28.3	27.3	27.7
4	30.6	28.6	29.4	32.4	30.1	31.1	30.6	29.2	29.9	27.6	26.9	27.3
5	29.5	28.3	28.8	31.2	30.0	30.7	30.7	28.9	29.8	27.5	26.4	26.9
6	30.2	28.2	29.0	32.0	29.7	30.7	30.0	29.1	29.6	27.1	26.6	26.8
7	31.4	28.8	30.1	31.9	29.7	30.6	32.0	29.0	30.0	26.7	26.0	26.4
8	32.3	29.6	30.7	31.2	29.4	30.2	33.1	29.5	30.8	26.0	25.8	25.9
9	31.7	30.1	30.7	31.4	29.3	30.3	31.1	29.1	30.4	27.2	25.5	26.2
10	30.2	28.8	29.5	31.0	29.5	30.3	29.1	27.9	28.4	27.6	26.4	27.0
11	30.5	28.1	29.1	32.5	29.5	30.9	28.3	27.4	27.9	29.1	27.0	28.0
12	31.0	28.2	29.4	31.9	29.9	30.7	27.8	27.3	27.4	29.8	27.8	28.8
13	31.8	28.6	30.0	30.7	29.7	30.2	27.8	26.9	27.4	29.7	28.5	29.1
14	31.1	29.3	30.3	32.1	29.6	30.2	27.4	27.0	27.2	30.4	28.5	29.4
15	30.6	28.1	29.4	31.1	29.3	30.0	28.5	26.8	27.5	29.8	28.9	29.2
16	29.3	27.8	28.4	31.6	29.5	30.4	30.2	28.0	29.0	29.9	28.4	29.1
17	30.6	27.1	28.3	33.6	30.3	31.7	31.1	28.7	29.9	30.2	28.8	29.4
18	29.4	27.9	28.5	33.0	30.0	31.6	32.8	29.8	30.9	30.6	28.9	29.6
19	30.0	28.0	28.8	34.2	31.2	32.3	33.1	30.4	31.5	30.3	28.8	29.4
20	30.4	28.1	29.1	34.1	31.1	32.6	32.3	31.0	31.5	30.2	28.8	29.5
21	30.8	28.0	29.2	34.2	31.7	32.8	32.6	30.4	31.4	30.9	29.2	30.0
22	29.0	27.7	28.3	32.8	31.0	31.9	31.7	30.3	31.0	30.5	29.3	30.0
23	28.3	26.9	27.5	34.1	31.0	32.2	31.6	30.5	31.0	29.3	27.8	28.4
24	30.2	26.8	28.1	33.2	30.8	31.8	32.1	30.4	31.2	27.8	25.3	26.8
25	30.1	27.5	28.7	31.7	30.2	30.7	31.9	30.6	31.2	25.7	24.8	25.2
26	28.9	27.8	28.3	30.4	29.3	29.9	31.6	30.6	31.0	25.1	23.6	24.1
27	28.5	27.4	28.1	31.5	29.2	30.3	31.7	29.8	30.7	26.2	23.1	24.2
28	29.1	27.3	28.2	32.0	29.8	30.9	31.6	29.7	30.6	26.7	24.8	25.8
29	30.2	27.6	28.8	31.6	29.7	30.2	31.7	29.5	30.4	27.4	25.8	26.6
30	30.5	28.5	29.4	29.7	28.9	29.3	30.6	29.6	30.1	28.5	26.6	27.4
31	---	---	---	30.4	28.5	29.0	30.7	28.8	29.7	---	---	---
MONTH	32.3	26.8	29.0	34.2	28.5	30.8	33.1	26.8	29.9	30.9	23.1	27.7

07381350 COMPANY CANAL AT LOCKPORT, LA

LOCATION.--Lat 29°38'41", long 90°32'41", Lafourche Parish, T. 16 S., R. 19 E., Hydrologic Unit 08090302, on downstream side of the north support pier of U.S. Highway 1 drawbridge.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--April 2002 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.70 ft, Sept. 27, 2002; minimum, 0.29 ft, Aug. 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.70 ft, Sept. 27; minimum, 0.29 ft, Aug. 2.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										1.46	1.24	1.37
2										1.60	1.38	1.49
3										1.74	1.49	1.62
4										1.82	1.54	1.67
5										1.70	1.35	1.54
6										1.64	1.43	1.55
7										1.73	1.40	1.57
8										1.79	1.51	1.65
9										1.85	1.61	1.73
10										1.80	1.66	1.74
11										1.86	1.76	1.81
12										1.93	1.77	1.84
13										2.01	1.75	1.84
14										2.15	1.87	2.01
15										2.07	1.85	1.96
16										2.04	1.67	1.81
17										1.72	1.34	1.52
18										1.84	1.48	1.62
19										2.02	1.68	1.85
20										1.96	1.67	1.81
21										1.82	1.45	1.63
22										1.66	1.31	1.51
23										1.54	1.30	1.44
24							1.56	1.22	1.41	1.47	1.28	1.36
25							1.53	1.21	1.39	1.42	1.22	1.32
26							1.34	1.09	1.25	1.43	1.15	1.32
27							1.51	1.23	1.34	1.38	1.15	1.27
28							1.66	1.48	1.57	1.36	1.14	1.25
29							1.59	1.28	1.45	1.32	1.01	1.20
30							1.46	1.13	1.31	1.42	1.15	1.27
31							---	---	---	1.66	1.39	1.49
MONTH							---	---	---	2.15	1.01	1.58

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.73	1.36	1.56	1.58	1.33	1.45	0.78	0.65	0.71	1.10	0.91	1.01
2	1.68	1.10	1.42	1.45	1.22	1.36	0.75	0.29	0.56	1.34	0.95	1.13
3	1.54	1.21	1.37	1.37	1.16	1.28	0.75	0.52	0.62	1.62	1.28	1.47
4	1.58	1.38	1.49	1.33	1.04	1.18	0.88	0.58	0.74	1.76	1.53	1.65
5	1.70	1.56	1.63	1.09	0.80	0.92	0.83	0.69	0.76	1.71	1.58	1.63
6	1.71	1.56	1.65	0.87	0.65	0.76	1.11	0.81	0.95	1.71	1.50	1.56
7	1.72	1.48	1.60	1.04	0.81	0.92	1.08	0.94	1.02	2.10	1.66	1.87
8	1.78	1.67	1.72	1.30	0.98	1.10	1.13	0.81	0.98	2.32	2.10	2.23
9	1.78	1.51	1.68	1.55	1.28	1.39	1.37	1.02	1.14	2.28	1.95	2.12
10	1.93	1.71	1.84	1.52	1.16	1.36	1.49	1.24	1.36	2.06	1.68	1.87
11	2.00	1.73	1.87	1.42	1.05	1.23	1.69	1.45	1.54	1.82	1.35	1.63
12	1.92	1.55	1.78	1.41	0.96	1.22	1.98	1.61	1.77	1.54	1.19	1.37
13	1.77	1.32	1.61	1.45	1.17	1.32	1.92	1.57	1.76	1.37	1.12	1.25
14	1.64	1.11	1.38	1.72	1.43	1.52	1.67	1.53	1.59	1.50	1.20	1.34
15	1.50	1.19	1.36	1.60	1.25	1.46	1.66	1.49	1.58	1.57	1.36	1.45
16	1.59	1.31	1.41	1.51	1.03	1.31	1.71	1.56	1.62	1.44	1.26	1.37
17	1.74	1.56	1.66	1.29	0.83	1.08	1.64	1.49	1.57	1.35	1.23	1.30
18	1.92	1.69	1.81	0.86	0.57	0.75	1.49	1.24	1.38	1.29	1.03	1.20
19	2.23	1.91	2.02	0.90	0.52	0.74	1.25	1.15	1.19	1.24	1.09	1.15
20	2.12	1.98	2.03	0.84	0.63	0.71	1.25	1.05	1.18	1.33	1.14	1.24
21	2.05	1.68	1.90	1.00	0.51	0.75	1.34	1.17	1.24	1.32	1.12	1.25
22	1.86	1.66	1.75	1.08	0.78	0.91	1.46	1.29	1.36	1.52	1.30	1.40
23	1.86	1.65	1.73	1.16	0.89	1.06	1.43	1.23	1.31	1.66	1.39	1.54
24	1.83	1.62	1.75	0.99	0.72	0.86	1.33	0.92	1.16	2.15	1.60	1.85
25	1.81	1.63	1.71	0.98	0.62	0.85	1.13	0.53	0.89	2.46	2.03	2.17
26	1.87	1.58	1.76	1.08	0.74	0.94	0.86	0.42	0.68	3.57	2.42	3.25
27	2.02	1.62	1.81	1.06	0.64	0.85	0.81	0.32	0.61	3.70	3.42	3.57
28	2.02	1.72	1.90	0.94	0.56	0.76	0.87	0.45	0.66	3.48	3.11	3.31
29	1.99	1.70	1.86	0.93	0.70	0.79	0.79	0.46	0.61	3.13	2.77	2.97
30	1.83	1.45	1.66	0.98	0.88	0.93	0.85	0.59	0.72	2.77	2.37	2.60
31	---	---	---	0.98	0.65	0.82	1.02	0.72	0.92	---	---	---
MONTH	2.23	1.10	1.69	1.72	0.51	1.05	1.98	0.29	1.10	3.70	0.91	1.79

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- 1956 (inorganics only); 1979-80 (specific conductance); 1981-85 (specific conductance and temperature); April 2002 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1979 to September 1985, April 2002 to September 2002.
WATER TEMPERATURES: December 1980 to September 1985, April 2002 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 7,310 microsiemens/cm, Sept. 24, 1984; minimum, 118 microsiemens/cm, Sept. 28, 2002.
WATER TEMPERATURE: Maximum, 34.8°C, July 21, 2002; minimum, 1.0°C, Dec. 25, 26, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 985 microsiemens/cm, Sept. 11; minimum, 118 microsiemens/cm, Sept. 28.
WATER TEMPERATURE: Maximum, 34.8°C, July 21; minimum, 21.7°C, May 19, 20.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										306	285	293
2										313	285	296
3										330	293	305
4										337	309	321
5										335	309	315
6										327	318	322
7										331	317	326
8										321	315	318
9										328	320	324
10										326	321	323
11										348	321	331
12										340	326	330
13										333	321	327
14										355	322	334
15										345	336	341
16										345	336	340
17										348	331	341
18										339	329	334
19										348	337	344
20										354	342	347
21										346	313	321
22										331	307	313
23										331	318	324
24							303	281	294	347	318	338
25							296	277	284	344	330	338
26							317	296	307	347	336	340
27							312	281	297	346	339	342
28							304	269	285	350	342	346
29							292	269	284	349	335	342
30							309	289	303	342	312	323
31							---	---	---	333	314	324
MONTH							---	---	---	355	285	328

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	347	331	336	330	316	320	356	334	342	433	414	422
2	346	319	326	330	314	319	339	326	333	417	323	394
3	327	319	323	322	307	315	376	328	355	411	382	403
4	330	319	323	317	304	310	395	371	381	436	411	422
5	323	319	321	316	300	308	401	377	384	445	436	440
6	328	321	324	324	304	313	414	361	381	447	438	442
7	337	320	327	336	314	323	412	373	391	452	431	444
8	325	319	322	353	324	337	409	376	388	440	388	413
9	330	322	327	356	344	348	419	404	415	475	397	412
10	331	320	323	350	323	341	415	409	411	881	414	459
11	345	324	335	343	325	331	421	410	416	985	600	799
12	347	327	336	349	333	343	420	392	403	721	521	572
13	332	317	325	334	302	318	408	385	397	521	450	480
14	333	322	327	311	293	302	407	400	403	454	433	444
15	327	322	325	301	292	297	403	388	395	617	434	479
16	333	321	328	364	297	318	393	365	379	676	518	632
17	342	327	333	362	314	340	365	325	347	652	534	612
18	332	320	325	343	305	318	381	327	349	557	430	496
19	323	313	319	356	320	336	420	381	393	471	407	436
20	327	315	320	385	321	345	424	415	419	423	415	420
21	317	306	310	387	326	346	417	339	385	640	418	463
22	314	306	310	379	330	356	357	244	317	426	401	420
23	312	302	307	383	288	344	338	250	303	429	423	425
24	315	305	310	350	311	329	366	302	345	423	346	396
25	322	311	317	401	332	351	371	335	356	386	212	325
26	323	311	316	400	318	338	361	350	356	295	121	248
27	321	310	315	354	326	334	364	347	350	295	127	255
28	320	303	311	382	322	332	414	353	380	196	118	148
29	340	314	327	417	365	389	440	393	414	234	186	214
30	331	318	325	421	347	365	450	433	442	221	186	205
31	---	---	---	354	322	341	444	430	438	---	---	---
MONTH	347	302	322	421	288	332	450	244	380	985	118	424

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										28.6	27.2	27.9
2										28.8	27.2	28.0
3										29.6	27.5	28.4
4										29.9	28.1	29.0
5										30.7	29.4	29.9
6										31.0	29.4	30.1
7										30.8	29.0	29.8
8										30.7	28.8	29.5
9										30.7	28.8	29.6
10										30.2	29.4	29.8
11										30.4	28.8	29.5
12										30.5	29.0	29.7
13										30.1	27.5	29.0
14										27.5	25.6	26.5
15										25.9	24.6	25.2
16										26.9	24.9	26.1
17										27.8	26.5	27.1
18										27.2	24.2	26.1
19										24.2	21.7	22.6
20										22.9	21.7	22.4
21										24.3	22.4	23.2
22										24.9	22.9	23.7
23										25.6	23.4	24.2
24							28.6	26.8	27.5	25.7	24.2	24.7
25							28.3	27.1	27.5	26.6	25.0	25.6
26							28.7	27.3	27.9	27.4	25.5	26.3
27							28.8	27.1	27.8	27.8	26.0	26.8
28							28.7	27.2	27.8	27.9	26.4	27.0
29							28.9	27.5	28.1	28.3	26.4	27.2
30							29.5	27.7	28.6	27.6	26.7	27.1
31							---	---	---	27.1	26.5	26.7
MONTH							---	---	---	31.0	21.7	27.1

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.6	26.4	27.4	31.1	30.3	30.7	30.3	29.6	29.8	31.1	29.9	30.5
2	30.1	27.1	28.3	30.7	30.0	30.3	31.6	29.0	29.9	30.4	29.5	30.0
3	30.0	27.9	29.0	30.6	29.6	30.0	31.5	28.8	30.2	29.5	28.8	29.2
4	29.3	28.3	28.7	30.6	29.1	29.8	31.2	29.9	30.6	29.0	28.4	28.7
5	29.3	28.1	28.8	31.1	30.1	30.6	31.3	29.8	30.5	28.5	28.0	28.3
6	29.4	28.4	28.8	31.7	30.5	31.0	30.7	29.6	30.0	28.4	27.8	28.2
7	29.9	29.0	29.2	32.3	30.3	31.2	31.3	29.5	30.1	27.8	27.1	27.4
8	29.3	28.4	28.9	32.0	30.5	31.3	31.6	30.2	30.8	27.2	26.4	27.0
9	30.0	28.2	29.1	31.1	30.3	30.6	31.4	29.8	30.5	27.7	26.7	27.2
10	29.3	28.2	28.7	31.4	30.0	30.6	30.7	29.4	30.1	28.6	27.1	27.8
11	29.7	28.3	28.9	31.9	30.3	31.0	30.5	29.6	29.9	29.8	27.6	28.3
12	30.7	28.5	29.3	32.0	30.7	31.2	29.7	28.2	29.1	29.9	28.1	28.9
13	31.6	29.1	29.9	31.3	30.3	30.7	29.4	28.1	28.6	30.0	28.5	29.2
14	32.0	29.6	30.8	31.1	29.3	30.2	28.7	28.2	28.3	30.6	28.8	29.6
15	31.6	30.3	30.8	31.5	29.7	30.4	29.0	27.7	28.3	30.8	29.4	30.0
16	30.7	29.4	30.1	32.3	29.8	30.7	29.2	28.3	28.8	30.5	29.4	29.8
17	29.4	28.5	28.9	33.1	30.6	31.7	29.5	28.5	29.0	30.0	29.2	29.5
18	29.3	28.1	28.6	33.8	32.1	32.6	29.9	28.5	29.2	30.5	28.7	29.4
19	29.7	28.2	28.9	33.8	31.3	32.3	30.2	29.1	29.7	30.1	29.0	29.6
20	29.5	29.0	29.3	33.8	32.0	32.9	30.5	29.2	29.7	30.6	29.3	29.9
21	30.1	28.4	29.0	34.8	32.5	33.3	30.0	29.0	29.4	30.6	29.6	30.1
22	29.2	28.3	28.7	33.1	30.8	32.3	29.8	29.0	29.3	30.4	29.6	30.0
23	28.7	27.8	28.2	30.8	28.9	30.0	29.4	28.8	29.1	29.7	28.8	29.3
24	29.5	27.7	28.4	31.4	30.0	30.6	30.4	27.9	29.0	29.1	26.9	28.0
25	30.3	28.4	29.2	31.1	30.1	30.5	31.8	29.0	30.2	27.1	24.8	26.1
26	30.3	29.2	29.6	31.0	29.4	30.1	31.3	29.7	30.5	25.1	22.9	24.1
27	29.8	28.3	29.1	31.9	29.4	30.4	31.6	29.6	30.4	25.0	23.8	24.1
28	30.1	28.3	29.0	32.3	30.1	31.2	31.6	29.8	30.6	25.6	24.6	25.1
29	30.3	28.8	29.5	31.9	30.7	31.2	31.3	29.5	30.4	26.0	25.1	25.5
30	31.1	29.6	30.3	31.1	30.2	30.6	31.7	29.9	30.7	26.6	25.2	25.8
31	---	---	---	31.4	29.7	30.3	31.5	30.1	30.8	---	---	---
MONTH	32.0	26.4	29.1	34.8	28.9	31.0	31.8	27.7	29.8	31.1	22.9	28.2

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

LOCATION.--Lat 30°26'33", long 91°27'06", in sec. 27, T. 7 S., R. 10 E., St. Helena Meridian, Iberville Parish, Hydrologic Unit 08070300, on downstream side of bridge on Highway 76, in the Town of Rosedale, 2.1 mi north of Interstate 10, 2.5 mi north of Grosse Tete.

WATER-STAGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1983 to current year. Prior to Oct. 1, 1983, gage heights only, in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NGVD of 1929. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records poor. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 5,170 ft^3/s, Feb. 19, 1988, maximum elevation 12.11 ft, Oct. 27, 1983; maximum negative discharge, -280 ft^3/s, June 16, 1985, no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 1,860 ft^3/s, Apr. 10; maximum elevation, 10.23 ft, Apr. 9; maximum negative discharge, -80 ft^3/s, June 18; minimum elevation, 0.35 ft, Nov. 22.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	11	220	109	461	205	1190	15	39	21	6.2	-1.8
2	3.3	3.7	160	95	436	1310	1020	11	6.6	14	1.8	3.9
3	4.3	7.2	53	84	295	1470	655	11	9.4	54	1.8	-1.2
4	1.7	6.9	27	60	193	1360	336	8.9	5.9	8.0	-2.5	4.8
5	-0.47	9.7	15	106	162	1230	141	6.7	23	12	6.0	4.1
6	11	14	9.2	802	244	1040	97	9.6	10	3.4	5.1	3.0
7	12	9.4	8.2	851	529	834	68	2.9	25	2.9	-8.1	1.6
8	5.0	13	9.9	619	408	504	712	3.1	52	9.2	-7.6	17
9	-2.9	10	32	402	265	227	1600	2.3	26	7.3	-4.4	10
10	5.5	7.1	32	170	175	119	1680	3.1	34	2.9	2.5	7.6
11	60	11	25	99	136	83	1640	3.5	117	-0.95	-3.1	5.0
12	167	9.6	11	121	106	95	1530	2.0	59	3.8	3.6	8.1
13	565	8.4	255	485	101	116	1400	18	19	2.5	1.6	-1.6
14	1320	7.3	498	410	107	96	1320	16	7.3	13	22	-7.0
15	1240	6.4	443	295	103	80	1200	12	2.4	15	23	0.98
16	1080	9.8	327	182	85	67	1010	4.3	16	15	13	6.3
17	744	8.0	276	96	53	53	708	10	90	-0.08	12	10
18	362	10	339	69	39	49	467	34	16	-5.1	8.7	1.4
19	136	4.2	256	162	34	40	257	23	14	4.3	4.5	0.91
20	48	9.2	174	812	175	41	91	16	23	-2.3	3.5	9.1
21	30	14	88	696	391	67	27	6.6	83	0.20	5.0	13
22	16	8.3	67	547	241	87	28	8.7	39	0.77	-1.7	21
23	24	-2.2	68	424	128	59	27	8.3	20	-7.8	9.3	24
24	7.1	1.9	88	357	79	44	6.4	8.9	20	0.84	8.3	23
25	14	14	76	537	58	25	27	5.7	18	5.5	6.9	169
26	20	4.8	60	533	57	251	16	7.7	38	13	7.7	439
27	38	5.5	49	410	51	659	10	12	221	5.1	2.4	406
28	39	-3.1	78	203	38	402	9.5	13	356	-11	3.0	165
29	25	242	269	119	---	155	12	6.7	397	2.7	1.7	25
30	25	358	212	114	---	96	12	47	164	8.0	-0.03	13
31	15	---	150	335	---	549	---	147	---	7.3	-2.7	---
TOTAL	6016.43	819.1	4375.3	10304	5150	11413	17296.9	484.0	1950.6	204.48	129.47	1380.19
MEAN	194.1	27.30	141.1	332.4	183.9	368.2	576.6	15.61	65.02	6.596	4.176	46.01

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.56	1.04	3.65	1.98	4.30	1.75	7.89	2.57	2.36	2.28	1.02	0.88
2	0.66	0.99	2.11	1.94	4.36	8.03	7.17	2.50	2.31	2.20	0.97	0.92
3	0.60	0.97	1.54	1.88	3.44	8.72	5.50	2.44	2.30	2.30	1.02	0.96
4	0.59	1.05	1.33	1.83	2.74	8.31	4.03	2.38	2.31	2.09	0.97	1.11
5	0.76	1.22	1.21	2.16	2.44	7.86	3.34	2.32	2.34	1.88	0.96	1.20
6	0.89	1.17	1.12	5.82	2.65	7.25	3.09	2.27	2.37	1.68	0.91	1.27
7	0.74	1.11	1.16	6.63	3.98	6.38	2.96	2.23	2.42	1.47	0.94	1.49
8	0.65	1.02	1.51	5.29	3.49	4.80	5.34	2.20	2.54	1.34	1.16	1.93
9	0.79	0.93	1.48	3.86	2.77	3.42	10.02	2.17	2.50	1.21	1.20	1.92
10	1.12	1.08	1.23	2.84	2.37	2.85	10.14	2.13	2.54	1.13	1.17	1.76
11	1.52	1.03	1.05	2.39	2.12	2.60	9.89	2.12	2.68	1.11	1.22	1.66
12	2.02	0.85	1.05	2.41	1.97	2.61	9.67	2.10	2.61	1.03	1.28	1.42
13	3.76	0.69	2.35	3.90	1.88	2.54	9.29	2.07	2.53	1.18	1.34	1.37
14	7.64	0.62	6.13	3.75	1.88	2.34	8.88	2.03	2.48	1.17	1.33	1.38
15	7.66	0.64	5.76	3.08	1.84	2.13	8.43	2.04	2.43	1.16	1.37	1.44
16	6.90	0.69	4.43	2.44	1.74	1.96	7.82	2.01	2.41	1.12	1.34	1.29
17	5.45	0.71	3.58	1.94	1.61	1.91	6.65	2.04	2.46	1.21	1.34	1.17
18	3.58	0.64	3.93	1.69	1.57	1.81	5.43	2.10	2.37	1.46	1.34	1.10
19	2.23	0.66	3.32	2.02	1.59	1.75	4.61	2.04	2.34	1.35	1.27	1.12
20	1.83	0.63	2.64	5.41	2.03	1.76	4.11	1.97	2.34	1.21	1.19	1.25
21	1.74	0.53	2.00	5.47	2.75	1.89	3.88	1.92	2.43	1.05	1.22	1.41
22	1.69	0.39	1.71	4.68	2.23	1.80	3.68	1.90	2.29	0.80	1.20	1.46
23	1.68	0.70	1.65	4.07	1.81	1.54	3.54	1.90	2.18	0.81	1.38	1.33
24	1.70	1.02	1.70	3.57	1.62	1.40	3.40	1.91	2.14	0.96	1.32	1.13
25	1.79	1.08	1.65	4.31	1.51	1.37	3.22	1.95	2.14	1.05	1.18	1.90
26	1.84	0.99	1.62	4.73	1.38	3.14	3.10	1.97	2.30	1.07	1.03	4.23
27	1.85	1.03	1.58	3.81	1.24	4.97	2.99	2.02	2.93	1.01	0.87	4.42
28	1.60	1.14	1.76	2.80	1.06	3.91	2.86	2.05	3.55	1.19	0.76	2.81
29	1.45	2.51	2.75	2.31	---	2.86	2.73	2.07	3.79	1.34	0.67	1.93
30	1.30	4.92	2.53	2.20	---	2.54	2.65	2.18	2.90	1.25	0.64	1.76
31	1.16	---	2.19	3.08	---	4.63	---	2.51	---	1.15	0.77	---
MAX	7.66	4.92	6.13	6.63	4.36	8.72	10.14	2.57	3.79	2.30	1.38	4.42
MIN	0.56	0.39	1.05	1.69	1.06	1.37	2.65	1.90	2.14	0.80	0.64	0.88

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA

LOCATION.--Lat 30°09'19", long 91°19'54", in sec. 34, T. 10 S., R. 11 E., Iberville Parish, Hydrologic Unit 08070300, on Bayou Sorrel bridge, 2 miles south southeast of Bayou Sorrel, La.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--1980-82 (Specific Conductance, Temperature only); November 2001 to September 2002.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is an assumed.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 9.22 ft, Apr. 13, 2002 ; minimum, 4.33 ft, Nov. 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.22 ft, Apr. 13; minimum gage height, 4.33 ft, Nov. 21, 22.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	5.84	5.93	6.48	5.43	7.69	6.70	6.51	6.40	5.19	5.13
2	---	---	5.78	5.94	6.55	7.44	7.72	6.63	6.52	6.36	5.19	5.18
3	---	---	5.60	5.89	6.44	7.66	7.66	6.59	6.52	6.33	5.22	5.23
4	---	---	5.45	5.91	6.31	7.65	7.51	6.54	6.54	6.25	5.21	5.38
5	---	---	5.33	6.11	6.14	7.57	7.34	6.48	6.57	6.07	5.18	5.46
6	---	---	5.26	6.51	6.07	7.47	7.16	6.44	6.60	5.88	5.13	5.55
7	---	---	5.33	6.56	6.08	7.36	7.00	6.44	6.62	5.66	5.21	5.76
8	---	---	5.66	6.51	6.03	7.20	7.37	6.41	6.67	5.53	5.41	6.09
9	---	---	5.60	6.44	6.03	7.05	8.48	6.39	6.70	5.40	5.41	6.13
10	---	---	5.33	6.32	6.00	6.85	8.80	6.36	6.74	5.32	5.43	5.99
11	---	5.16	5.17	6.19	5.89	6.60	8.85	6.33	6.77	5.31	5.46	5.88
12	---	4.96	5.17	6.15	5.83	6.56	9.03	6.32	6.76	5.25	5.52	5.65
13	---	4.82	5.42	6.22	5.81	6.46	9.03	6.32	6.73	5.40	5.56	5.62
14	---	4.78	6.03	6.17	5.80	6.25	8.95	6.29	6.71	5.35	5.48	5.64
15	---	4.80	6.10	6.05	5.78	6.09	8.85	6.26	6.66	5.33	5.50	5.67
16	---	4.85	6.04	5.87	5.76	5.98	8.74	6.23	6.61	5.24	5.52	5.52
17	---	---	6.07	5.71	5.69	5.94	8.62	6.28	6.60	5.34	5.55	5.39
18	---	---	6.05	5.60	5.66	5.89	8.48	6.38	6.58	5.56	5.55	5.32
19	---	---	5.96	5.63	5.65	5.81	8.31	6.31	6.54	5.47	5.48	5.35
20	---	4.78	5.82	5.89	5.80	5.86	8.14	6.22	6.53	5.37	5.42	5.48
21	---	4.64	5.72	6.04	5.84	6.03	7.96	6.18	6.52	5.20	5.44	5.59
22	---	4.57	5.66	6.00	5.81	5.89	7.82	6.15	6.42	4.99	5.43	5.59
23	---	4.92	5.68	6.09	5.72	5.60	7.65	6.13	6.36	5.07	5.57	5.47
24	---	5.21	5.66	6.02	5.62	5.48	7.51	6.16	6.33	5.16	5.52	5.35
25	---	5.22	5.65	6.02	5.56	5.50	7.38	6.18	6.33	5.23	5.40	5.37
26	---	5.14	5.66	5.93	5.56	6.37	7.22	6.20	6.38	5.22	5.22	6.03
27	---	5.17	5.63	5.85	5.34	6.79	7.10	6.23	6.47	5.17	5.08	6.13
28	---	5.31	5.71	5.78	5.15	6.76	7.00	6.28	6.58	5.43	5.00	6.09
29	---	5.63	5.81	5.94	---	6.64	6.89	6.31	6.58	5.55	4.90	6.07
30	---	5.83	5.92	5.86	---	6.51	6.79	6.36	6.51	5.45	4.91	5.97
31	---	---	5.97	5.87	---	6.97	---	6.46	---	5.33	5.06	---
MAX	---	---	6.10	6.56	6.55	7.66	9.03	6.70	6.77	6.40	5.57	6.13
MIN	---	---	5.17	5.60	5.15	5.43	6.79	6.13	6.33	4.99	4.90	5.13

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA

LOCATION.--Lat 29°40'06", long 91°05'59", sec. 23, T. 16 S., R. 13 E., Lousiana Meridian, St. Mary Parish, Hydrologic Unit 08090302, at Southern Pacific Transportation Co. railroad bridge, and approximately 300 ft upstream of U.S. Corps of Engineers water-level gage near Amelia.

DRAINAGE AREA.--Indetermined.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 1997 (gage height only); March 1997 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records poor. No velocity record for Oct. 1-Apr. 25, May 16, 17, Sept. 8, 10-30; no gage height record for Oct. 1-Ar.25, May 16, 17. Discharge and gage height affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 34,800 ft^3/s, Nov. 25, 1999; maximum gage height, 4.24 ft, Apr. 11, 1997; maximum negative discharge, -21,100 ft^3/s, Nov. 6, 2000; minimum gage height, -0.37 ft, Feb. 5, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 15,300 ft^3/s, July 4; maximum gage height, 3.36 ft, June 10, 11; maximum negative discharge, -15,300 ft^3/s, Sept. 3; minimum gage height, 0.92, Jan. 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	-1850	-3380	10500	3240	-472
2	---	---	---	---	---	---	---	-1240	-3090	10800	4300	-2060
3	---	---	---	---	---	---	---	1190	-3720	10500	-1940	-4890
4	---	---	---	---	---	---	---	4350	-2660	11100	1280	-2360
5	---	---	---	---	---	---	---	5430	-2730	10100	-2550	-2270
6	---	---	---	---	---	---	---	-574	265	9360	-3000	-2850
7	---	---	---	---	---	---	---	-677	168	2670	7.5	-4080
8	---	---	---	---	---	---	---	-3380	-514	3380	2440	---
9	---	---	---	---	---	---	---	-1050	985	922	-1180	1840
10	---	---	---	---	---	---	---	2430	-2060	2640	-2010	---
11	---	---	---	---	---	---	---	-2580	-1140	-427	-2880	---
12	---	---	---	---	---	---	---	-3940	881	-988	-65	---
13	---	---	---	---	---	---	---	2540	2590	3130	3410	---
14	---	---	---	---	---	---	---	6830	5310	2050	1660	---
15	---	---	---	---	---	---	---	-1580	6310	6800	-1230	---
16	---	---	---	---	---	---	---	---	1890	4320	3160	---
17	---	---	---	---	---	---	---	---	2720	4390	1790	---
18	---	---	---	---	---	---	---	5960	6210	5730	2710	---
19	---	---	---	---	---	---	---	6460	3630	2840	2090	---
20	---	---	---	---	---	---	---	473	6980	619	1790	---
21	---	---	---	---	---	---	---	-799	9280	-63	1830	---
22	---	---	---	---	---	---	---	-1780	7380	-895	2530	---
23	---	---	---	---	---	---	---	-3680	3950	728	2960	---
24	---	---	---	---	---	---	---	-3090	3360	-106	2190	---
25	---	---	---	---	---	---	---	-2920	2570	2140	4940	---
26	---	---	---	---	---	---	4590	-3020	2280	2950	3760	---
27	---	---	---	---	---	---	-2460	-3890	2620	734	3530	---
28	---	---	---	---	---	---	-1120	-4100	5580	2940	2750	---
29	---	---	---	---	---	---	4550	-3940	8390	2280	1470	---
30	---	---	---	---	---	---	1600	-4280	9260	2320	-768	---
31	---	---	---	---	---	---	---	-4090	---	3840	-617	---
TOTAL	---	---	---	---	---	---	---	---	73315	117304	37597.5	---
MEAN	---	---	---	---	---	---	---	---	2444	3784	1213	---

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	2.84	3.08	2.32	1.32	1.36
2	---	---	---	---	---	---	---	2.87	3.09	2.19	1.25	1.46
3	---	---	---	---	---	---	---	2.86	3.10	2.12	1.28	1.69
4	---	---	---	---	---	---	---	2.83	3.13	1.97	1.43	1.79
5	---	---	---	---	---	---	---	2.74	3.17	1.81	1.53	1.86
6	---	---	---	---	---	---	---	2.73	3.23	1.61	1.68	1.98
7	---	---	---	---	---	---	---	2.74	3.23	1.68	1.73	2.05
8	---	---	---	---	---	---	---	2.75	3.25	1.67	1.70	2.27
9	---	---	---	---	---	---	---	2.79	3.26	1.73	1.68	2.25
10	---	---	---	---	---	---	---	2.74	3.27	1.73	1.80	2.18
11	---	---	---	---	---	---	---	2.71	3.31	1.75	1.90	2.10
12	---	---	---	---	---	---	---	2.76	3.28	1.81	1.97	1.95
13	---	---	---	---	---	---	---	2.83	3.22	1.80	1.88	1.89
14	---	---	---	---	---	---	---	2.62	3.17	1.81	1.85	2.01
15	---	---	---	---	---	---	---	2.65	3.04	1.75	1.91	1.94
16	---	---	---	---	---	---	---	2.67	3.01	1.54	1.88	1.77
17	---	---	---	---	---	---	---	2.73	3.03	1.50	1.89	1.69
18	---	---	---	---	---	---	---	2.78	2.90	1.38	1.84	1.70
19	---	---	---	---	---	---	---	2.62	2.87	1.32	1.80	1.78
20	---	---	---	---	---	---	---	2.60	2.80	1.33	1.75	1.90
21	---	---	---	---	---	---	---	2.62	2.69	1.34	1.72	1.79
22	---	---	---	---	---	---	---	2.62	2.62	1.40	1.69	1.81
23	---	---	---	---	---	---	---	2.65	2.60	1.43	1.62	1.72
24	---	---	---	---	---	---	---	2.68	2.60	1.44	1.62	1.66
25	---	---	---	---	---	---	---	2.74	2.62	1.49	1.56	1.50
26	---	---	---	---	---	---	2.86	2.79	2.65	1.51	1.41	1.79
27	---	---	---	---	---	---	2.85	2.83	2.69	1.51	1.31	1.98
28	---	---	---	---	---	---	2.95	2.88	2.69	1.51	1.29	2.13
29	---	---	---	---	---	---	2.88	2.92	2.59	1.48	1.20	2.05
30	---	---	---	---	---	---	2.83	2.97	2.46	1.47	1.30	2.05
31	---	---	---	---	---	---	---	3.03	---	1.37	1.35	---
MAX	---	---	---	---	---	---	---	3.03	3.31	2.32	1.97	2.27
MIN	---	---	---	---	---	---	---	2.60	2.46	1.32	1.20	1.36

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA

LOCATION.--Lat 31°03'55", long 91°41'15", Concordia Parish, Hydrologic Unit 08040301, at Corps of Engineers discharge range, 1.8 mi above mouth, 5.5 mi west of Old River Control Structure, and 5.6 mi west of Knox Landing.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1973 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE.--June 1973 to current year.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 02600.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 646,000 tons Apr. 6, 1978; minimum daily 0.0 tons Nov. 18-30, 1987.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
02...	1000	69900	116	21900	95
NOV					
27...	1100	65200	132	23200	99
DEC					
07...	1200	165000	488	217000	97
18...	1200	114000	218	67200	97
JAN					
15...	1130	36500	88	8660	99
29...	1500	62600	198	33400	100
FEB					
12...	1200	245000	253	168000	86
27...	1100	109000	145	42500	99
MAR					
12...	1100	108000	116	33800	96
26...	1000	182000	357	175000	94
APR					
12...	1130	272000	125	91900	84
30...	1000	147000	138	54900	98
MAY					
14...	1100	288000	206	160000	86
21...	0930	336000	216	196000	78
JUN					
11...	1115	333000	102	91800	84
JUL					
09...	1530	129000	183	56100	88
AUG					
14...	1100	92800	187	46800	88
SEP					
17...	1100	78500	176	37400	96

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA--Continued

DISCHARGE,SUSP.SED., in T/DAY, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21000	42000	3000	102000	119000	42000	176000	61000	165000	70000	51000	58000
2	22000	46000	3000	94000	140000	41000	173000	63000	157000	71000	48000	60000
3	23000	50000	12000	84000	160000	33000	166000	78000	152000	67000	51000	61000
4	23000	50000	35000	73000	166000	31000	160000	85000	147000	66000	53000	60000
5	24000	51000	64000	62000	167000	32000	150000	93000	146000	63000	54000	61000
6	24000	49000	131000	55000	171000	39000	137000	99000	147000	61000	55000	60000
7	23000	45000	217000	49000	171000	43000	126000	105000	141000	59000	56000	52000
8	23000	43000	210000	38000	167000	42000	123000	107000	132000	63000	55000	52000
9	24000	43000	208000	29000	178000	40000	120000	117000	122000	64000	54000	51000
10	23000	38000	204000	24000	179000	39000	112000	142000	111000	61000	48000	50000
11	23000	35000	203000	23000	180000	39000	101000	147000	92000	62000	47000	48000
12	17000	37000	191000	17000	167000	34000	92000	149000	82000	61000	45000	48000
13	11000	36000	150000	10000	155000	37000	92000	158000	82000	58000	44000	46000
14	6000	35000	126000	10000	137000	42000	90000	160000	82000	58000	47000	43000
15	2000	34000	87000	9000	115000	44000	92000	155000	81000	57000	43000	42000
16	6000	33000	75000	8000	98000	51000	91000	161000	87000	56000	42000	40000
17	8000	32000	71000	7000	86000	62000	89000	167000	87000	57000	42000	37000
18	8000	29000	67000	6000	81000	68000	85000	172000	84000	54000	43000	38000
19	8000	29000	66000	6000	77000	75000	77000	179000	86000	54000	44000	38000
20	6000	29000	68000	8000	69000	87000	58000	186000	87000	54000	43000	39000
21	7000	29000	67000	11000	62000	87000	54000	196000	85000	56000	42000	37000
22	14000	29000	74000	14000	56000	87000	51000	203000	85000	59000	43000	38000
23	22000	29000	82000	16000	55000	108000	47000	201000	85000	60000	45000	38000
24	28000	27000	88000	18000	55000	143000	46000	201000	84000	59000	40000	41000
25	31000	24000	93000	19000	52000	148000	47000	195000	83000	56000	41000	44000
26	32000	24000	94000	15000	45000	175000	48000	193000	83000	61000	41000	47000
27	35000	23000	99000	11000	42000	185000	48000	196000	87000	60000	45000	60000
28	39000	24000	107000	17000	40000	206000	49000	196000	86000	53000	47000	71000
29	40000	12000	109000	33000	---	204000	50000	187000	81000	50000	50000	58000
30	40000	3000	110000	54000	---	191000	55000	182000	72000	53000	56000	60000
31	38000	---	105000	95000	---	183000	---	174000	---	51000	57000	---
TOTAL	651000	1010000	3219000	1017000	3190000	2638000	2805000	4708000	3101000	1834000	1472000	1478000
MEAN	21000	33700	104000	32800	114000	85100	93500	152000	103000	59200	47500	49300
MAX	40000	51000	217000	102000	180000	206000	176000	203000	165000	71000	57000	71000
MIN	2000	3000	3000	6000	40000	31000	46000	61000	72000	50000	40000	37000
MED	23000	33500	93000	18000	117000	51000	90500	161000	86500	59000	47000	48000

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

WATER-QUALITY RECORDS

LOCATION.--Lat 30°58'57", long 91°47'54" in NE ¼ SW ¼ sec. 7, T. 1 S., R. 7 E., Louisiana meridian, Avoyelles Parish, Hydrologic Unit 08080101, near right bank on downstream side of Kansas City Southern Railway Co. bridge, 0.4 mi east of town of Simnmesport, 0.5 mi upstream from State Highway 1, and 4.9 mi downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi^2.

PERIOD OF RECORD.--Water years 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1978 to September 1979, discontinued.
WATER TEMPERATURES: December 1975 to September 1976, October 1977 to September 1984, May 1990 to August 1992, discontinued.
CHLORIDE: October 1974 to September 1984, May 1990 to August 1992, discontinued.
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 03045.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 627 micromhos Nov. 17, 1978; minimum daily, 179 micromhos Feb. 21, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 1981; minimum daily, 2.0°C Jan. 18-20, Feb. 3, 6, 7, 1978, Jan. 15, 1979, Jan. 14, 1982.
CHLORIDE: Maximum daily, 150 mg/L June 9, 13, 14, 1977; minimum daily, 9.1 mg/L May 14, 1991.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,240,000 tons Dec. 15, 1982; minimum daily, 2,000 tons Oct. 3- 5, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
10...	1000	72700	141	27700	100
NOV					
07...	0930	140000	134	50800	90
DEC					
04...	1100	183000	351	173000	75
07...	0930	291000	540	424000	75
JAN					
02...	1030	406000	306	335000	54
09...	1100	271000	221	161000	61
23...	1000	155000	172	72000	70
FEB					
06...	1100	354000	299	286000	69
20...	1000	267000	259	187000	59
MAR					
13...	1000	171000	107	49500	85
28...	1100	372000	394	395000	88
APR					
13...	1000	458000	222	275000	58
23...	1030	357000	273	263000	71
MAY					
01...	1000	319000	197	169000	74
15...	0930	368000	203	202000	73
JUN					
05...	1030	451000	175	213000	52
JUL					
10...	1000	146000	127	50100	95
AUG					
13...	1100	95300	143	36800	99
SEP					
18...	1100	81600	166	36600	100

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

DISCHARGE,SUSP.SED., in T/DAY, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22000	49000	118000	352000	175000	93000	369000	169000	223000	71000	44000	46000
2	24000	53000	126000	335000	201000	91000	370000	166000	219000	68000	42000	45000
3	25000	56000	142000	312000	228000	82000	361000	166000	218000	63000	42000	48000
4	25000	57000	173000	286000	242000	74000	358000	166000	216000	61000	42000	47000
5	27000	55000	222000	257000	262000	68000	350000	166000	213000	57000	44000	49000
6	28000	54000	306000	237000	286000	66000	336000	168000	218000	57000	47000	52000
7	26000	51000	424000	218000	306000	66000	321000	172000	224000	52000	47000	47000
8	27000	47000	456000	189000	308000	63000	316000	169000	218000	52000	48000	48000
9	28000	50000	457000	162000	322000	58000	316000	172000	214000	52000	48000	46000
10	28000	48000	455000	147000	326000	55000	310000	195000	210000	50000	42000	49000
11	31000	43000	446000	141000	333000	55000	297000	199000	190000	48000	39000	41000
12	30000	44000	439000	124000	321000	51000	284000	197000	167000	49000	40000	43000
13	27000	47000	396000	105000	313000	49000	275000	200000	159000	48000	37000	38000
14	35000	45000	412000	99000	298000	54000	281000	203000	155000	48000	39000	36000
15	34000	44000	382000	93000	270000	60000	293000	202000	138000	49000	36000	38000
16	44000	44000	363000	86000	251000	67000	300000	202000	136000	45000	35000	36000
17	47000	46000	360000	82000	227000	81000	293000	202000	132000	50000	34000	32000
18	48000	41000	356000	74000	210000	90000	296000	202000	120000	49000	39000	36000
19	49000	41000	355000	72000	197000	97000	293000	206000	115000	45000	39000	32000
20	48000	39000	367000	69000	187000	111000	271000	207000	112000	45000	39000	34000
21	47000	39000	379000	70000	173000	124000	271000	208000	104000	45000	36000	37000
22	51000	41000	394000	71000	156000	137000	268000	215000	100000	49000	36000	39000
23	56000	46000	407000	72000	148000	169000	263000	217000	101000	49000	41000	39000
24	60000	47000	414000	73000	140000	224000	243000	221000	97000	52000	40000	42000
25	60000	45000	418000	77000	133000	255000	229000	221000	95000	46000	40000	44000
26	57000	43000	410000	81000	121000	298000	216000	223000	89000	47000	35000	46000
27	58000	45000	403000	83000	111000	340000	205000	228000	90000	51000	39000	56000
28	59000	73000	404000	86000	100000	395000	194000	231000	90000	47000	39000	71000
29	56000	84000	393000	98000	---	392000	181000	229000	87000	43000	38000	78000
30	54000	105000	383000	119000	---	380000	173000	228000	79000	44000	42000	79000
31	50000	---	367000	149000	---	373000	---	227000	---	42000	46000	---
MEAN	40700	50700	359000	143000	227000	146000	284000	199000	151000	50800	40500	45800
MAX	60000	105000	457000	352000	333000	395000	370000	231000	224000	71000	48000	79000
MIN	22000	39000	118000	69000	100000	49000	173000	166000	79000	42000	34000	32000

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW ¼ NW ¼ sec. 26, T. 4 S., R. 7 E., St. Helena Meridian, St. Landry-Pointe Coupee Parish line, Hydrologic Unit 08080101, at bridge on Texas and Pacific Railroad in Melville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1979 to September 1981.
WATER TEMPERATURES: May 1979 to September 1981.

REMARKS.--All dissolved constituents are results from water that has be filtered through Gelmar capsule filters.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 632 micromhos Oct. 8, 1981; minimum daily, 207 micromhos May 21, 1980.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 24, 1981; minimum daily, 5.5°C Feb. 7, 1980, Jan. 22, 1981.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A temperature of 5.0°C was observed on Jan. 30, 1985. A specific conductance of 177 microsiemens was observed on Feb. 1, 1990.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
OCT													
29...	1030	148000	327	7.8	17.3	30	35	7.9	1.6	100	82	110	28.0
DEC													
19...	1030	319000	166	7.3	13.5	50	98	7.8	--	1070	317	56	14.7
JAN													
23...	0900	160000	184	7.3	9.1	50	54	9.8	1.8	360	72k	53	13.8
FEB													
07...	0930	387000	240	7.5	9.5	30	130	9.8	.7	725	200	--	--
21...	1030	272000	234	7.6	10.5	50	99	11.4	3.1	540	200	--	--
MAR													
11...	1130	182000	307	7.7	9.5	30	51	12.5	2.3	420	27k	--	--
27...	1000	365000	260	7.7	12.7	20	330	8.7	1.7	700	325	--	--
APR													
11...	1030	476000	210	7.4	15.1	40	85	8.2	--	160	180	75	20.8
23...	1000	371000	243	7.5	20.8	50	110	6.0	1.3	64k	110	86	23.7
MAY													
08...	1000	354000	305	7.5	21.3	30	89	6.8	2.2	82k	67	110	30.2
29...	1000	470000	249	7.6	20.8	40	77	7.9	1.0	250	100	110	30.9
JUN													
12...	1000	378000	286	7.4	26.0	30	32	--	4.3	110	42k	120	31.6
AUG													
06...	0930	111000	440	8.0	30.6	30	30	8.1	.7	10k	8k	160	42.0
20...	1100	90400	454	8.0	29.5	30	33	7.8	.6	32k	12k	--	--
SEP													
10...	1000	97900	464	8.0	29.0	20	31	7.3	.7	41k	320	--	--

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT													
29...	9.16	18.8	3.97	84	84	40.6	21.4	E.1	5.41	192	181	E.006	.67
DEC													
19...	4.59	9.48	3.00	46	46	17.7	11.0	.1	5.64	120	96	.012	.38
JAN													
23...	4.35	9.67	--	46	46	20.0	13.2	.1	5.68	124	--	E.005	.37
FEB													
07...	--	--	--	56	56	26.8	16.5	.2	4.59	148	--	.011	.62
21...	--	--	--	58	58	21.8	13.5	.1	--	126	--	.008	.79
MAR													
11...	--	--	--	86	86	30.8	17.3	.1	3.71	186	--	.008	1.17
27...	--	11.0	2.08	73	73	24.6	15.4	.1	4.39	149	--	.021	.94
APR													
11...	5.52	8.40	2.12	59	59	21.0	10.8	.1	5.15	118	112	.011	.68
23...	6.43	15.2	2.32	57	59	27.7	20.6	.1	4.55	151	139	.013	.61
MAY													
08...	9.13	15.8	2.62	75	77	33.6	21.1	.1	5.09	183	169	E.005	1.04
29...	8.44	9.90	3.07	88	88	27.0	13.4	.1	5.84	176	142	.010	1.20
JUN													
12...	9.30	10.8	3.04	84	85	25.7	13.8	.14	5.76	173	157	E.005	1.15
AUG													
06...	14.3	24.7	3.28	128	129	47.2	26.4	.2	4.25	252	244	<.008	.99
20...	--	24.0	3.10	125	128	48.9	27.5	.2	3.75	256	--	<.008	.53
SEP													
10...	--	--	--	120	122	49.6	31.0	.2	3.27	264	--	<.008	.82

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)
OCT													
29...	<.04	.63	.29	.179	.085	.074	--	--	1.4	--	--	62	--
DEC													
19...	E.03	.83	.40	.31	.064	.048	8	E.03	1.0	38	<.06	27	<.04
JAN													
23...	.05	.61	.39	.154	.034	.025	--	--	.6	--	--	30	--
FEB													
07...	<.04	.70	.29	.26	.043	.034	--	--	.6	--	--	25	--
21...	<.04	.73	.35	.21	.054	.037	--	--	--	--	--	--	--
MAR													
11...	.05	.62	.33	.147	.053	.037	--	--	.5	--	--	24	--
27...	<.04	1.0	.36	.44	.045	.036	--	--	.7	--	--	22	--
APR													
11...	<.04	.63	.29	.22	.044	.032	6	.10	.6	39	<.06	21	<.04
23...	<.04	.59	.33	.22	.044	.032	5	.15	.4	51	<.06	27	<.04
MAY													
08...	<.04	.65	.33	.22	.059	.048	--	--	1.1	--	--	28	--
29...	E.03	.56	.28	.21	.060	.050	--	--	1.2	--	--	29	--
JUN													
12...	<.04	.56	.26	.159	.071	.058	--	--	1.4	--	--	29	--
AUG													
06...	<.04	.51	.24	.157	.076	.066	3	.26	1.9	67	<.06	58	E.02
20...	<.04	.49	.28	.152	.073	.063	--	--	1.9	--	--	46	--
SEP													
10...	<.04	.48	.24	.176	.101	.091	7	.24	1.3	41	<.06	43	E.02

Date	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
OCT													
29...	--	--	--	16	--	5.5	--	--	--	.4	--	163	1.7
DEC													
19...	<.8	.12	1.8	95	.08	3.0	15.9	.6	1.65	E.2	<1	89.0	1.5
JAN													
23...	--	--	--	72	--	3.0	--	--	--	<.3	--	96.4	1.3
FEB													
07...	--	--	--	28	--	2.1	--	--	--	E.3	--	104	.7
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
11...	--	--	--	23	--	2.7	--	--	--	E.3	--	90.8	.4
27...	--	--	--	22	--	2.4	--	--	--	E.3	--	116	.8
APR													
11...	<.8	.10	1.4	38	E.07	1.9	7.6	.6	1.36	<.3	<1	96.6	1.2
23...	<.8	.10	1.9	43	E.06	3.1	3.3	.7	1.80	E.3	<1	132	1.4
MAY													
08...	--	--	--	23	--	3.3	--	--	--	E.2	--	147	1.3
29...	--	--	--	13	--	2.7	--	--	--	.4	--	130	1.7
JUN													
12...	--	--	--	18	--	2.9	--	--	--	.5	--	124	1.9
AUG													
06...	<.8	.13	1.9	<10	<.08	7.4	.5	2.3	1.45	.8	<1	192	2.1
20...	--	--	--	<10	--	6.7	--	--	--	.5	--	191	2.2
SEP													
10...	<.8	.13	1.8	<10	.23	4.6	7.3	1.7	1.93	.5	<1	116	1.9

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
OCT													
29...	--	--	5.6	.1	2.0	1.9	<.010	<.002	.029	E.01	E.023	<.018	<.003
DEC													
19...	4	.23	7.0	<.1	3.4	3.3	<.010	<.002	.182	<.01	E.011	<.018	<.003
JAN													
23...	--	--	7.6	<.1	2.5	2.5	<.010	<.002	.032	<.01	E.010	<.018	<.003
FEB													
07...	--	--	4.7	<.1	3.2	3.1	<.010	<.002	.038	<.01	E.010	<.018	<.003
21...	--	--	5.2	<.1	2.6	2.6	<.010	<.002	.045	<.01	E.014	<.018	<.003
MAR													
11...	--	--	4.6	<.1	1.8	1.8	<.010	<.002	.038	<.01	E.008	<.018	<.003
27...	--	--	4.9	.2	7.8	7.7	<.010	<.002	.059	<.01	E.010	<.018	<.003
APR													
11...	1	.31	5.2	.3	2.4	2.1	<.010	<.002	.040	<.01	E.012	<.018	<.003
23...	1	.39	5.6	<.1	3.1	3.0	<.010	<.002	.034	<.01	E.014	<.018	<.003
MAY													
08...	--	--	5.3	<.1	3.8	3.8	<.010	<.002	.172	<.01	E.051	<.018	<.003
29...	--	--	4.6	<.1	2.7	2.6	<.010	<.002	.222	E.01n	E.148	E.009n	<.003
JUN													
12...	--	--	4.7	<.1	1.5	1.4	<.010	<.002	.111	E.01n	E.107	<.018	<.003
AUG													
06...	1	1.33	3.9	.1	2.1	1.9	<.010	<.002	.042	E.01n	E.076	E.014n	<.003
20...	--	--	4.1	<.1	1.7	1.6	<.010	<.002	.022	<.01	E.054	<.018	<.003
SEP													
10...	2	.67	4.0	<.1	1.7	1.7	<.010	<.002	.021	E.01n	E.065	<.018	<.003

Date	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P,P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
OCT													
29...	<.005	<.003	<.005	<.004	<.005	.029	E.008	<.007	E.004	.102	<.002	.009	<.006
DEC													
19...	<.005	<.003	<.005	<.004	<.005	.015	<.027	<.007	<.005	.044	<.002	<.004	<.006
JAN													
23...	<.005	<.003	<.005	<.004	<.005	.015	<.027	<.010	<.005	.049	<.004	<.006	<.006
FEB													
07...	<.005	<.003	<.005	<.004	<.005	.013	<.027	<.010	<.005	.072	<.004	<.006	<.006
21...	<.005	<.003	<.005	<.004	<.005	.026	<.027	<.010	<.005	.073	<.004	<.006	<.006
MAR													
11...	<.005	<.003	<.005	<.004	<.005	.026	<.027	<.010	<.005	.106	<.004	.016	<.006
27...	<.005	<.003	<.005	<.004	<.005	.078	<.027	<.010	<.005	.486	.022	<.006	<.006
APR													
11...	<.005	<.003	<.005	<.004	<.005	.102	<.027	<.010	E.004n	.664	.006	<.006	<.006
23...	<.005	<.003	<.005	<.004	<.005	.093	<.027	<.010	E.005n	.504	.011	.014	.007
MAY													
08...	<.005	<.003	<.005	<.004	<.005	.288	<.027	<.010	.005	1.71	.011	.110	.008
29...	<.005	<.003	<.005	<.004	<.005	.480	<.027	<.010	.007	2.52	.020	.316	.011
JUN													
12...	<.005	<.003	<.005	<.004	<.005	.341	E.009n	<.010	E.004n	1.30	.013	.170	.009
AUG													
06...	<.005	<.003	<.005	<.004	<.005	.103	<.027	<.010	<.005	.698	<.011	.026	<.006
20...	<.005	<.003	<.005	<.004	<.005	.052	<.027	<.010	<.005	.397	<.004	.012	<.006
SEP													
10...	<.005	<.003	<.005	<.004	<.005	.047	E.005n	<.010	<.005	.304	<.004	.013	<.006

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
OCT													
29...	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	E.01	<.002	<.005	<.010
DEC													
19...	<.002	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.002	<.02	<.002	<.005	<.010
JAN													
23...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
FEB													
07...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01	<.002	<.005	<.010
21...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
MAR													
11...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
27...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
APR													
11...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010
23...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
MAY													
08...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
29...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
JUN													
12...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
AUG													
06...	<.006	<.009	<.009	<.011	<.034	E.010n	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
20...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	E.01n	<.002	<.005	<.010
SEP													
10...	<.006	<.009	<.009	<.011	<.034	<.035	<.006	<.002	<.004	<.02	<.002	<.005	<.010

Date	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
OCT													
29...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.02	<.050
DEC													
19...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.010	<.007	<.02	<.050
JAN													
23...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
FEB													
07...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
21...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
MAR													
11...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
27...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
APR													
11...	E.017	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
23...	<.020	<.02	<.004	<.02	<.002	<.011	E.008	<.005	<.003	<.022	<.007	<.02	<.050
MAY													
08...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
29...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
JUN													
12...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
AUG													
06...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
20...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050
SEP													
10...	<.020	<.02	<.004	<.02	<.002	<.011	<.041	<.005	<.003	<.022	<.007	<.02	<.050

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
29...	<.006	3.3	107	42800	93
DEC					
19...	<.006	2.6	288	248000	65
JAN					
23...	<.006	3.0	121	52300	82
FEB					
07...	<.006	3.0	393	411000	48
21...	<.006	3.6	174	128000	70
MAR					
11...	<.006	5.6	53	26000	81
27...	<.006	3.7	557	549000	84
APR					
11...	<.006	3.7	268	344000	43
23...	<.006	3.7	231	231000	65
MAY					
08...	<.006	4.1	238	227000	58
29...	<.006	2.5	251	319000	48
JUN					
12...	<.006	--	238	243000	58
AUG					
06...	<.006	13.6	62	18600	98
20...	<.006	50.1	53	12900	99
SEP					
10...	<.006	8.2	52	13700	98

Date	ANTIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	BARIUM SED. SUSP. (UG/G) (29820)	BERYLLIUM SED. SUSP. (UG/G) (29822)	CADMIUM SED. SUSP. (UG/G) (29826)	CHROMIUM SED. SUSP. (UG/G) (29829)	COPPER SED. SUSP. (UG/G) (29832)	LEAD SED. SUSP. (UG/G) (29836)	MANGANESE SED. SUSP. (UG/G) (29839)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYBDENUM SED. SUSP. (UG/G) (29843)	NICKEL SED. SUSP. (UG/G) (29845)	SELENIUM SED. SUSP. (UG/G) (29847)
DEC													
19...	.5	7.2	620	1	.3	64	16	17	850	.04	2	32	M
APR													
23...	.5	7.7	520	2	.2	57	15	16	650	<.01	2	29	M
AUG													
06...	1.1	7.5	610	2	.3	81	31	26	1900	.12	3	44	M
SEP													
10...	1.2	11	710	2	1.1	99	200	53	2300	.32	4	70	1

Date	SILVER SED. SUSP. (UG/G) (29850)	VANADIUM SED. SUSP. (UG/G) (29853)	ZINC SED. SUSP. (UG/G) (29855)	ALUMINUM SED,SUS PERCENT (30221)	CARBON SED. SUSP. PERCENT (30244)	IRON SEDIMENT SUSP. PERCENT (30269)	PHOSPHORUS SEDIMENT SUSP. PERCENT (30292)	TITANIUM SEDIMENT SUSP. PERCENT (30317)	COBALT SEDIMENT SUSP. (UG/G) (35031)	STRONTIUM SEDIMENT SUSP. (UG/G) (35040)	URANIUM SEDIMENT SUSP. (UG/G) (35046)	LITHIUM SEDIMENT SUSP. (UG/G) (35050)	THALLIUM SUS SED (UG/G) (49955)
DEC													
19...	<.5	79	100	5.8	1.0	2.5	.070	.330	10	110	<50	32	<50
APR													
23...	<.5	65	78	5.1	1.3	2.0	.050	.290	9	110	<50	31	<50
AUG													
06...	<.5	89	110	6.0	2.5	3.1	.110	.350	14	120	<50	36	<50
SEP													
10...	M	110	240	6.7	--	3.5	.120	.410	16	140	<50	37	<50

Date	SEDIMENT SUSP., FLOW-THROUGH CENTRIF (MG/L) (50279)	CARBON, ORGANIC SUS-PENDED, TOTAL PERCENT (50465)
DEC		
19...	246	.9
APR		
23...	286	.9
AUG		
06...	69	2.2
SEP		
10...	49	--

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
k -- Counts outside acceptable range
n -- Below the NDV

07381515 ATCHAFALAYA RIVER AT BUTTE LA ROSE, LA

LOCATION.--Lat 30°16'53", long 91°41'12", in sec. 7, T. 9 S., R. 7 E., St. Martin Parish, Hydrologic Unit 08080101, on right bank in Butte La Rose.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 29, 1928 to Nov. 20, 1996, station maintained by U.S. Army Corps of Engineers, New Orleans District; Nov. 21, 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 27.28 ft, May 23, 1973, minimum recorded, 0.33 ft, Oct 17, 1976 (from U.S. Army Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 17.70 ft, Apr. 15; minimum recorded, 2.07 ft, Nov. 20, but may have been lower during period of missing record..

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	5.21	15.88	10.45	9.02	15.26	14.11	17.33	8.43	3.76	3.42
2	---	---	5.45	15.68	11.27	9.08	15.60	14.04	17.31	7.97	3.58	3.50
3	---	---	5.82	15.36	12.07	8.57	15.87	14.23	17.31	7.47	3.52	3.84
4	---	---	6.63	14.90	12.51	8.04	16.13	14.24	17.31	7.04	3.70	3.81
5	---	---	7.70	14.50	12.97	7.67	16.32	14.25	17.34	6.54	3.92	3.89
6	---	5.37	9.12	14.17	13.55	7.61	16.41	14.25	17.46	6.21	4.12	4.03
7	---	4.99	10.53	13.68	14.08	7.65	16.51	14.33	17.52	5.82	4.10	3.90
8	---	4.69	11.10	12.99	14.35	7.62	16.87	14.32	17.49	5.65	4.05	3.98
9	---	4.65	11.46	12.30	14.70	7.41	17.23	14.39	17.37	5.57	3.99	3.93
10	---	4.34	11.75	11.68	14.97	7.14	17.38	14.76	17.17	5.41	3.76	3.86
11	---	3.86	11.95	11.21	15.12	7.22	17.42	14.85	16.68	5.23	3.66	3.50
12	---	3.72	12.06	10.57	15.05	7.16	17.50	14.86	16.00	5.23	3.66	3.34
13	---	3.81	11.99	9.66	14.94	6.94	17.56	14.97	15.60	5.08	3.52	3.26
14	---	3.65	12.30	9.12	14.63	7.15	17.60	15.05	15.27	5.09	3.54	3.37
15	---	3.55	12.18	8.57	14.14	7.33	17.64	15.06	14.62	5.05	3.52	3.25
16	---	3.49	12.15	8.01	13.72	7.58	17.64	15.11	14.27	4.67	3.39	2.94
17	---	3.26	12.31	7.55	13.15	8.14	17.59	15.21	14.01	4.81	3.31	2.71
18	---	2.91	12.37	6.94	12.69	8.33	17.46	15.37	13.34	4.69	3.45	2.93
19	---	2.78	12.56	6.54	12.27	8.36	17.09	15.50	12.90	4.30	3.43	2.96
20	---	2.44	12.90	6.17	11.93	8.74	16.59	15.61	12.59	4.21	3.40	3.09
21	---	2.35	13.32	6.09	11.58	9.05	16.30	15.76	12.08	4.21	3.26	2.92
22	---	2.79	13.82	6.08	11.18	9.27	15.99	16.02	11.63	4.43	3.20	2.96
23	---	3.03	14.36	6.13	10.88	10.21	15.60	16.20	11.46	4.51	3.30	2.83
24	---	3.17	14.72	6.14	10.68	11.52	15.28	16.39	11.16	4.64	3.27	2.87
25	---	2.62	15.04	6.17	10.50	12.21	15.05	16.55	10.84	4.30	3.10	2.75
26	---	2.64	15.24	6.35	10.04	13.00	14.83	16.73	10.38	4.30	2.95	2.73
27	---	2.80	15.46	6.45	9.58	13.53	14.66	16.98	10.24	4.42	3.01	3.42
28	---	3.74	15.78	6.64	9.16	14.12	14.50	17.13	10.15	4.22	2.99	4.11
29	---	4.50	15.93	7.20	---	14.49	14.28	17.21	9.87	3.93	2.86	4.19
30	---	4.71	15.98	8.14	---	14.67	14.16	17.29	9.16	3.93	3.19	4.10
31	---	---	15.97	9.41	---	14.97	---	17.34	---	3.85	3.39	---
MAX	---	---	15.98	15.88	15.12	14.97	17.64	17.34	17.52	8.43	4.12	4.19
MIN	---	---	5.21	6.08	9.16	6.94	14.16	14.04	9.16	3.85	2.86	2.71

0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA

LOCATION.--Lat 30°01'58", long 91°33'09", in sec. 4, T. 12 S., R 9 E., Iberia Parish, Hydrologic Unit 08080101, on a three-pile platform attached to a cypress tree, 11.7 miles east of Loreauville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.69 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.86 ft, Apr. 5, 1997, minimum recorded, 1.98 ft, Sept. 28, 29, 30, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 9.15 ft, Feb. 14; minimum gage height recorded, 2.17 ft, Sept. 1.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	5.15	---	---	---	---	6.41	3.25	
2	---	---	---	---	5.44	---	---	---	---	6.16	3.25	
3	---	---	---	---	5.77	---	---	---	---	5.95	3.22	
4	---	---	---	---	6.16	---	---	---	---	5.74	3.13	
5	---	---	---	---	6.59	---	---	---	---	5.54	3.04	
6	---	---	---	---	7.06	---	---	---	---	5.35	2.97	
7	---	---	---	---	7.51	---	---	---	---	5.18	2.90	
8	---	---	---	---	7.91	---	---	---	---	5.03	2.85	
9	---	---	---	---	8.27	---	---	---	---	4.90	2.80	
10	---	---	---	---	8.58	---	---	---	---	4.78	2.73	
11	---	---	---	---	8.80	---	---	---	---	4.66	2.66	
12	---	---	---	---	8.99	---	---	---	---	4.54	2.60	
13	---	---	---	---	9.10	---	---	---	---	4.43	2.56	
14	---	---	---	---	9.14	---	---	---	---	4.38	2.49	
15	---	---	---	---	9.08	---	---	---	---	4.38	2.45	
16	---	---	---	6.40	8.92	---	---	---	---	4.31	2.42	
17	---	---	---	6.15	---	---	---	---	---	4.23	2.38	
18	---	---	---	5.92	---	---	---	---	---	4.12	2.39	
19	---	---	---	5.73	---	---	---	---	---	4.01	2.39	
20	---	---	---	5.55	---	---	---	---	---	3.88	2.39	
21	---	---	---	5.38	---	---	---	---	---	3.76	2.40	
22	---	---	---	5.24	---	---	---	---	---	3.65	2.53	
23	---	---	---	5.12	---	---	---	---	---	3.55	2.52	
24	---	---	---	5.01	---	---	---	---	---	3.46	2.52	
25	---	---	---	4.92	---	---	---	---	---	3.44	2.52	
26	---	---	---	4.82	---	---	---	---	7.26	3.44	2.50	
27	---	---	---	4.74	---	---	---	---	7.09	3.41	2.47	
28	---	---	---	4.67	---	---	---	---	6.95	3.34	2.40	
29	---	---	---	4.63	---	---	---	---	6.82	3.26	2.32	2.51
30	---	---	---	4.71	---	---	---	---	6.63	3.22	2.25	2.54
31	---	---	---	4.86	---	---	---	---	---	3.19	2.20	---
MAX	---	---	---	---	---	---	---	---	---	6.41	3.25	---
MIN	---	---	---	---	---	---	---	---	---	3.19	2.20	---

073815450 CHICOT PASS NEAR MYETTE POINT, LA

LOCATION.--Lat 29°53'33", long 91°26'44", T. 13 S., R. 10 E., St. Mary Parish, Hydrologic Unit 08080101, on right water's edge near Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1963 to March 1997, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.28 ft below NGVD of 1929 (from levels provided by U.S. Army Corps of Engineers, May 1, 1996).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded (U.S. Army Corps of Engineers), 17.80 ft, May 24, 1973, minimum gage height recorded (U.S. Army Corps of Engineers), 0.06 ft, undetermined date in 1976.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.94 ft, June 7, 8; minimum gage height, 1.02 ft, Nov. 20.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.03	3.28	9.56	5.95	5.55	9.07	8.72	10.79	5.44	2.40	2.28
2	---	3.22	3.39	9.47	6.34	5.68	9.31	8.67	10.78	5.11	2.26	2.39
3	---	3.43	3.54	9.38	6.89	5.24	9.45	8.71	10.79	4.82	2.29	2.76
4	---	3.43	3.94	---	7.17	4.84	9.59	8.73	10.80	4.50	2.48	2.70
5	---	3.31	4.53	---	7.48	4.59	9.74	8.72	10.82	4.11	2.66	2.77
6	---	3.36	5.23	---	7.84	4.53	9.88	8.74	10.87	3.87	2.84	2.89
7	---	3.16	5.95	---	8.15	4.53	10.00	8.78	10.91	---	2.81	2.89
8	---	3.04	6.32	8.04	8.41	4.59	10.25	8.83	10.92	---	2.72	2.99
9	---	2.95	6.48	7.64	8.69	4.49	10.53	8.86	10.88	---	2.74	2.91
10	---	2.75	6.70	7.23	8.83	4.15	10.59	9.01	10.82	---	2.68	2.80
11	---	2.48	6.88	6.92	8.93	4.27	10.66	9.12	10.61	---	2.68	2.56
12	---	2.38	7.03	6.54	9.01	4.33	10.70	9.18	10.22	3.43	2.65	2.35
13	---	2.48	7.05	6.01	8.96	4.07	10.72	9.20	9.90	3.30	2.49	2.35
14	---	2.42	7.18	5.64	8.85	4.26	10.76	9.18	9.66	3.34	2.52	2.57
15	---	2.41	7.16	5.25	8.63	4.38	10.80	9.25	9.26	3.26	2.56	2.37
16	2.81	2.35	7.20	4.94	8.37	4.51	10.82	9.28	9.00	2.99	2.42	2.09
17	2.69	2.09	7.31	4.63	8.07	4.83	10.81	9.36	8.83	3.03	2.40	1.93
18	2.90	1.85	7.27	4.25	7.81	4.99	10.76	9.39	8.45	2.92	2.45	2.09
19	2.90	1.77	7.37	4.00	7.57	5.04	10.62	9.42	8.16	2.69	2.44	2.22
20	2.90	1.43	7.49	3.71	7.37	5.30	10.33	9.52	7.93	2.67	2.40	2.34
21	2.96	1.44	7.77	3.69	7.17	5.36	10.14	9.63	7.62	2.69	2.28	2.13
22	3.04	1.90	8.12	3.65	6.87	5.37	9.92	9.80	7.34	2.84	2.23	2.13
23	3.35	2.12	8.42	3.69	6.64	5.85	9.72	9.94	7.17	2.84	2.24	2.08
24	3.62	2.33	8.61	3.73	6.52	6.62	9.53	10.06	---	2.89	2.24	2.02
25	3.56	1.74	8.85	3.62	6.43	7.10	9.31	10.17	6.90	2.78	2.10	1.78
26	3.27	1.83	8.99	3.72	6.14	7.55	9.16	10.29	6.66	2.77	1.95	1.86
27	3.24	1.94	9.15	3.86	5.74	7.87	9.08	10.42	6.53	2.86	1.97	2.44
28	3.11	2.60	9.40	3.97	5.55	8.29	9.01	10.57	6.46	2.74	1.93	2.90
29	3.06	3.13	9.52	4.27	---	8.55	8.85	10.64	6.27	2.58	1.84	2.87
30	3.05	2.95	9.56	4.79	---	8.75	8.74	10.71	5.89	2.56	2.12	2.88
31	3.05	---	9.58	5.49	---	8.90	---	10.77	---	2.48	2.24	---
MAX	---	3.43	9.58	---	9.01	8.90	10.82	10.77	---	---	2.84	2.99
MIN	---	1.43	3.28	---	5.55	4.07	8.74	8.67	---	---	1.84	1.78

07381567 BUFFALO COVE AT ROUND ISLAND NEAR CHARENTON, LA

LOCATION.--Lat 29°59'00", long 91°31'30", in sec. 23, T. 12 S., R. 9 E., Iberia Parish, Hydrologic Unit 08080101 on south side of Round Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 26, 1976, to March 14, 1997, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 14, 1997 to current year.

GAGE.--Water-stage recorder. Staff gage set by U.S. Army Corps of Engineers, New Orleans District. Datum of gage is NGVD of 1929.

REMARKS.--Gage is below recordable stage Oct. 1-8, Sep. 13, 16-27.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height by the U.S. Army Corps of Engineers, 14.98 ft, June 3, 1983, minimum recorded gage height by the U.S. Army Corps of Engineers, 0.11 ft, Oct. 17, 18, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.62 ft, Apr. 16, 17; minimum gage height, 2.85 ft, Oct. 9, 10.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		4.05	4.20	11.15	7.00	7.50	10.34	10.33	12.43	7.27	3.41	3.22
2		4.21	4.37	---	7.34	7.53	10.58	10.27	12.43	6.95	3.34	3.24
3		4.41	4.54	11.17	7.76	7.30	10.83	10.24	12.42	6.63	3.32	3.48
4		4.48	4.91	11.06	8.09	6.94	11.05	10.26	12.44	6.32	3.36	3.42
5		4.41	5.43	10.90	8.42	6.65	11.25	10.25	12.45	5.97	3.47	3.47
6		4.40	6.03	10.78	8.79	6.50	11.43	10.25	12.49	5.70	3.60	3.59
7		4.24	6.66	---	9.16	6.42	11.56	---	12.55	5.44	3.61	3.58
8		4.05	7.05	10.25	9.50	6.36	11.87	---	12.59	5.25	3.56	3.64
9	2.91	3.97	7.32	9.92	9.82	6.27	12.17	---	12.56	5.15	3.53	3.62
10	3.16	3.78	7.55	9.57	10.09	6.07	12.28	---	12.49	5.04	3.42	3.55
11	3.50	3.43	7.75	9.20	10.30	6.01	12.36	---	12.33	4.90	3.39	3.33
12	3.17	3.27	---	8.87	10.42	6.01	12.44	---	12.01	4.82	3.36	3.23
13	3.86	3.34	7.90	8.54	10.47	5.84	12.48	---	11.68	4.71	3.32	
14	3.61	3.27	8.02	8.05	10.49	5.85	12.52	---	11.40	4.69	3.31	3.29
15	3.47	3.21	8.19	---	10.41	5.92	12.56	---	11.10	4.68	3.31	3.23
16	3.70	3.18	8.29	---	10.24	5.98	12.61	10.77	10.79	4.43	3.30	
17	3.60	3.01	8.40	---	9.99	6.15	12.62	10.85	10.55	4.38	3.28	
18	3.80	2.92	---	---	9.74	6.30	12.59	10.95	10.26	4.31	3.28	
19	3.86	2.90	8.58	---	9.48	6.37	12.49	10.96	9.94	4.05	3.27	
20	3.86	2.90	8.68	---	9.30	6.52	12.25	11.01	9.69	3.92	3.27	
21	3.91	2.89	8.80	---	9.07	6.69	12.01	11.09	9.40	3.85	3.26	
22	4.00	2.89	9.00	---	8.84	6.76	11.80	11.22	9.09	3.91	3.26	
23	4.29	2.90	9.29	5.47	8.61	7.00	11.57	11.38	8.89	3.91	3.26	
24	4.53	3.03	9.57	5.45	8.42	7.48	11.35	11.52	8.72	3.94	3.26	
25	4.60	2.89	9.82	5.42	8.27	7.90	11.15	11.66	8.56	3.89	3.25	
26	4.42	2.89	10.07	5.42	8.09	8.36	10.97	11.79	8.37	3.82	3.24	
27	4.37	2.89	10.28	5.47	7.82	8.71	10.82	11.95	8.18	3.86	3.24	
28	4.30	3.27	10.49	5.52	7.57	9.13	10.70	12.12	8.07	3.74	3.23	3.63
29	4.24	3.92	10.76	5.68	---	9.53	10.57	12.23	7.92	3.56	3.23	3.70
30	4.15	3.88	10.95	6.00	---	9.84	10.43	12.33	7.64	3.49	3.22	3.65
31	4.12	---	11.07	6.50	---	10.10	---	12.41	---	3.44	3.22	---
MAX	---	4.48	---	---	10.49	10.10	12.62	---	12.59	7.27	3.61	---
MIN	---	2.89	---	---	7.00	5.84	10.34	---	7.64	3.44	3.22	---

07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in sec. 56, T. 15 S., R. 11 E., St. Mary Parish, Hydrologic Unit 08080101 at Southern Railways System Bridge, 160 ft downstream from State Highway 90, 0.4 mi downstream from Bayou Teche, 0.5 mi west of Calumet, and 9.8 mi west of Morgan City.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1976 to May 1986 (elevations and discharge measurements only), June 1986 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NGVD of 1929. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records fair. Relief outlet for Atchafalaya basin; discharge and elevations are affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.51 ft, Apr. 5, 1997, minimum, -1.15 ft, Dec. 23, 1989.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft, May 27, 1973; minimum, -2.82 ft, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans District).

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 198,000 ft^3/s, June 7; maximum gage height, 6.81 ft, June 10; maximum negative discharge, -23,300 ft^3/s, Oct. 13; minimum gage height, 0.56 ft, Nov. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39000	55600	60500	174000	114000	99500	162000	149000	188000	101000	50500	43400
2	38000	58000	64700	171000	118000	100000	162000	149000	187000	96100	49200	42000
3	37100	61000	68400	168000	125000	107000	168000	151000	186000	90500	45000	39000
4	36500	64100	75100	162000	133000	94900	173000	153000	187000	86100	45300	43200
5	36600	64400	83900	157000	138000	88300	175000	154000	187000	81000	45700	42700
6	44900	62300	98300	158000	142000	86300	175000	152000	190000	76700	48000	43800
7	35600	61100	113000	154000	149000	86500	173000	152000	190000	68300	48400	39300
8	35000	55900	122000	145000	150000	84200	177000	150000	189000	67500	50900	41300
9	34200	57600	125000	139000	153000	85700	182000	151000	190000	65800	47600	43600
10	26800	55300	126000	131000	159000	86400	185000	156000	186000	66000	43800	46700
11	26900	49100	127000	127000	161000	80000	186000	155000	183000	61800	40400	42500
12	35400	47600	125000	122000	160000	81700	190000	156000	176000	61800	41200	44700
13	15900	46700	125000	112000	160000	80600	191000	160000	171000	63200	43700	39400
14	54500	44800	131000	107000	160000	78300	191000	166000	168000	60100	39900	33400
15	41600	41900	129000	102000	154000	79500	190000	162000	161000	64300	40600	39600
16	56100	44500	126000	94100	153000	80800	190000	161000	153000	59300	41500	37100
17	56500	45100	130000	90600	147000	87300	190000	163000	152000	60700	37400	34100
18	56800	41300	132000	85300	141000	90900	189000	168000	147000	62100	40100	32500
19	57400	39700	134000	80100	134000	90100	187000	169000	141000	---	40100	28200
20	55300	42300	139000	76500	132000	90900	181000	168000	140000	---	41500	29100
21	55300	33900	140000	74300	129000	104000	177000	169000	136000	---	41500	36400
22	57200	32600	143000	71600	128000	104000	176000	172000	130000	---	41000	39100
23	60000	35100	152000	69800	124000	105000	171000	172000	125000	---	42500	34800
24	62500	32700	157000	69500	118000	115000	166000	174000	121000	---	42300	39100
25	69300	36100	158000	77600	116000	124000	167000	176000	117000	57100	41800	46500
26	66000	32000	160000	74600	118000	136000	163000	178000	115000	54800	40200	44800
27	65800	31100	161000	73900	112000	142000	155000	180000	111000	55300	43300	41300
28	65400	35000	164000	74100	102000	145000	155000	182000	112000	52800	42800	48000
29	62900	50600	169000	78600	---	149000	154000	184000	111000	50000	40300	54600
30	59800	58500	172000	86200	---	151000	151000	185000	107000	51000	41300	50500
31	57600	---	173000	96100	---	156000	---	186000	---	50400	43800	---
TOTAL	1501900	1415900	3983900	3401900	3830000	3189900	5252000	5103000	4657000	---	1341600	1220700

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.86	2.35	2.45	5.49	3.05	3.46	5.14	5.35	6.57	3.44	1.96	2.11
2	1.74	2.47	2.37	5.39	3.17	3.70	5.35	5.30	6.56	3.21	1.85	2.28
3	1.84	2.61	2.35	5.28	3.63	2.88	5.45	5.27	6.57	3.01	2.07	2.75
4	1.95	2.46	2.49	5.16	3.70	2.62	5.46	5.21	6.58	2.80	2.25	2.63
5	2.12	2.30	2.79	5.22	3.88	2.54	5.54	5.12	6.64	2.56	2.43	2.71
6	1.67	2.45	2.94	5.06	4.24	2.63	5.65	5.19	6.65	2.37	2.54	2.84
7	1.78	2.29	3.21	4.70	4.34	2.70	5.81	5.25	6.65	2.57	2.52	2.97
8	2.07	2.42	3.38	4.51	4.56	2.89	6.14	5.36	6.66	2.52	2.38	3.13
9	2.38	2.23	3.28	4.25	4.85	2.80	6.42	5.36	6.63	2.61	2.50	2.96
10	2.88	2.12	3.54	4.04	4.94	2.26	6.33	5.32	6.68	2.51	2.65	2.76
11	3.12	2.11	3.68	3.92	4.91	2.67	6.37	5.46	6.58	2.63	2.75	2.59
12	2.74	2.05	3.93	3.66	5.03	2.75	6.41	5.59	6.32	2.64	2.69	2.28
13	3.74	2.17	3.99	3.40	5.03	2.34	6.40	5.54	6.08	2.44	2.47	2.42
14	2.47	2.19	4.04	3.29	4.95	2.73	6.43	5.36	5.88	2.56	2.55	2.80
15	2.75	2.28	4.04	2.98	4.91	2.78	6.45	5.47	5.60	2.36	2.62	2.43
16	2.30	2.17	4.22	2.91	4.71	2.82	6.46	5.52	5.47	2.23	2.42	2.22
17	2.02	1.85	4.27	2.68	4.49	2.92	6.46	5.59	5.40	2.21	2.49	2.13
18	2.30	1.70	4.00	2.47	4.40	2.98	6.42	5.53	5.11	2.13	2.43	2.31
19	2.23	1.71	4.12	2.35	4.37	3.03	6.34	5.46	4.96	---	2.39	2.54
20	2.28	1.29	3.99	2.16	4.35	3.37	6.18	5.54	4.78	---	2.38	2.63
21	2.36	1.53	4.28	2.25	4.17	2.93	6.09	5.63	4.58	---	2.28	2.34
22	2.32	2.07	4.57	2.26	3.94	2.83	5.93	5.73	4.45	---	2.24	2.29
23	2.56	2.24	4.72	2.34	3.76	3.22	5.76	5.87	4.43	---	2.16	2.33
24	2.75	2.51	4.74	2.43	3.75	3.69	5.67	5.96	4.37	---	2.20	2.15
25	2.43	1.83	4.96	2.01	3.79	4.01	5.52	6.06	4.37	2.18	2.07	1.69
26	2.16	2.08	5.02	2.19	3.47	4.19	5.40	6.16	4.30	2.20	1.94	1.85
27	2.12	2.15	5.10	2.44	2.96	4.29	5.52	6.28	4.28	2.29	1.90	2.46
28	1.91	2.59	5.43	2.51	3.16	4.64	5.52	6.38	4.15	2.23	1.84	2.73
29	2.00	2.79	5.57	2.66	---	4.83	5.31	6.44	3.98	2.21	1.79	2.46
30	2.16	2.20	5.53	2.88	---	5.01	5.26	6.51	3.74	2.18	2.03	2.63
31	2.30	---	5.56	3.24	---	5.14	---	6.57	---	2.06	2.06	---
MAX	3.74	2.79	5.57	5.49	5.03	5.14	6.46	6.57	6.68	---	2.75	3.13
MIN	1.67	1.29	2.35	2.01	2.96	2.26	5.14	5.12	3.74	---	1.79	1.69

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984, May 1990 to September 1992.
CHLORIDE-SURFACE: October 1974 to September 1984, May 1990 to September 1992.
CHLORIDE-25 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.
CHLORIDE-45 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.0°C Jan. 4, 5, 1984.
CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.
CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5,7,8,10,11, 1981; minimum daily, 12 mg/L May 27, 1984.
CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, Nov. 5,7,8,10,11, 1981; minimum daily, 12 mg/L May 27, 28, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV					
01...	1000	62400	89	15100	100
DEC					
20...	0930	140000	319	120000	82
JAN					
28...	1000	81400	117	25600	100
FEB					
22...	1000	124000	178	59500	89
26...	0930	121000	164	53500	91
MAR					
14...	0900	85400	123	28500	98
28...	0900	153000	561	232000	95
APR					
16...	0930	195000	565	297000	89
29...	1000	154000	211	87900	91
MAY					
09...	1100	154000	209	86700	89
23...	0930	183000	368	182000	83
JUN					
13...	0930	179000	139	67000	80
25...	1300	120000	211	68000	98
JUL					
11...	0930	59000	181	28800	99
AUG					
07...	1100	48200	132	17000	99
21...	0930	36600	100	9890	99
SEP					
23...	1100	32800	72	6390	99
30...	1100	54900	69	10200	99

073815963 LAKE MURPHY NEAR BAYOU SORREL, LA

LOCATION.--Lat. 30°06'24", long 91°23'08", sec. 18, T. 11 S., R. 11 E., Iberia Parish, Hydrologic Unit 08080101, on south bank 7 miles from Bayou Pigeon landing near Bayou Sorrel.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is an assumed elevation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.27 ft, June 10, 2002; minimum elevation, 6.98 ft, Nov. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.27 ft, June 10; minimum gage height, 6.98 ft, Nov. 21.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.27	8.21	8.36	12.59	9.54	10.64	11.79	12.58	13.90	10.78	7.94	7.70
2	7.21	8.30	8.43	12.68	9.71	10.70	11.98	12.51	13.95	10.65	7.82	7.82
3	7.25	8.39	8.50	12.68	9.93	10.54	12.17	12.46	13.99	10.49	7.75	7.99
4	7.33	8.46	8.59	12.65	10.15	10.40	12.33	12.43	14.02	10.30	7.82	8.09
5	7.46	8.47	8.74	12.64	10.38	10.26	12.48	12.38	14.06	10.11	7.96	8.12
6	7.50	8.48	8.91	12.61	10.63	10.12	12.62	12.35	14.10	9.92	8.15	8.19
7	7.24	8.46	9.12	12.50	10.85	10.00	12.75	12.33	14.15	9.72	8.21	8.22
8	7.41	8.41	9.33	12.34	11.06	9.91	13.04	12.33	14.21	9.54	8.20	8.39
9	7.61	8.36	9.52	12.16	11.27	9.83	13.33	12.33	14.24	9.39	8.18	8.44
10	7.83	8.26	9.71	11.96	11.50	9.73	13.47	12.34	14.25	9.26	8.15	8.40
11	8.11	8.07	9.88	11.75	11.69	9.65	13.59	12.38	14.22	9.15	8.17	8.31
12	8.17	7.94	10.05	11.58	11.87	9.59	13.72	12.42	14.11	9.05	8.22	8.19
13	8.41	7.92	10.23	11.36	12.01	9.53	13.79	12.48	13.94	8.97	8.18	8.07
14	8.66	7.92	10.41	11.11	12.10	9.48	13.84	12.50	13.74	8.97	8.13	8.08
15	8.58	7.91	10.52	10.88	12.14	9.46	13.90	12.52	13.52	8.95	8.14	8.09
16	8.53	7.95	10.60	10.67	12.14	9.44	13.95	12.55	13.30	8.87	8.15	7.96
17	8.42	7.80	10.72	10.47	12.08	9.45	13.98	12.62	13.15	8.77	8.10	7.81
18	8.37	7.60	10.80	10.27	11.99	9.46	14.00	12.71	12.89	8.67	8.08	7.82
19	8.32	7.47	10.85	10.10	11.88	9.49	13.99	12.71	12.73	8.49	8.06	7.87
20	8.26	7.26	10.90	9.91	11.80	9.54	13.92	12.72	12.54	8.29	8.05	7.98
21	8.26	7.06	10.97	9.74	11.67	9.58	13.81	12.75	12.25	8.20	8.04	7.96
22	8.28	7.35	11.07	9.59	11.53	9.61	13.69	12.81	12.08	8.21	8.03	7.94
23	8.35	7.62	11.23	9.48	11.37	9.67	13.53	12.89	11.92	8.24	8.05	7.81
24	8.44	7.84	11.38	9.39	11.23	9.82	13.38	12.99	11.78	8.27	7.95	7.77
25	8.47	7.66	11.53	9.29	11.10	10.03	13.22	13.08	11.63	8.34	7.81	7.69
26	8.45	7.55	11.70	9.21	10.97	10.36	13.07	13.19	11.49	8.43	7.67	8.10
27	8.40	7.61	11.85	9.17	10.82	10.60	12.95	13.30	11.35	8.39	7.56	8.22
28	8.34	7.86	12.05	9.14	10.67	10.83	12.85	13.43	11.21	8.29	7.53	8.32
29	8.25	8.30	12.22	9.12	---	11.07	12.76	13.55	11.07	8.17	7.43	8.35
30	8.19	8.30	12.37	9.18	---	11.32	12.66	13.67	10.93	8.10	7.57	8.37
31	8.20	---	12.49	9.31	---	11.57	---	13.81	---	8.03	7.66	---
MAX	8.66	8.48	12.49	12.68	12.14	11.57	14.00	13.81	14.25	10.78	8.22	8.44
MIN	7.21	7.06	8.36	9.12	9.54	9.44	11.79	12.33	10.93	8.03	7.43	7.69

073815973 CROSS BAYOU AT BAYOU PIGEON NEAR BAYOU PIGEON, LA

LOCATION.--Lat. 30°03'24", long 91°23'08", sec. 5, T. 12 S., R. 11 E., Iberville Parish, Hydrologic Unit 08080101, on east bank 3 miles from Bayou Pigeon landing near Bayou Pigeon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.51 ft, June 10, 2002; minimum, 10.39 ft, Nov. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.51 ft, June 10; minimum, 10.39 ft, Nov. 21.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.78	11.68	11.78	15.77	12.93	13.94	14.98	15.84	17.14	14.20	11.34	11.12
2	10.70	11.78	11.85	15.86	13.06	13.99	15.17	15.78	17.20	14.03	11.22	11.22
3	10.74	11.87	11.91	15.87	13.23	13.86	15.36	15.73	17.24	13.86	11.15	11.43
4	10.82	11.95	12.01	15.85	13.41	13.71	15.52	15.69	17.27	13.67	11.23	11.54
5	10.95	11.94	12.17	15.85	13.61	13.56	15.67	15.65	17.30	13.49	11.38	11.58
6	11.00	11.95	12.34	15.85	13.83	13.44	15.81	15.62	17.35	13.28	11.56	11.66
7	10.74	11.92	12.54	15.73	14.02	13.32	15.95	15.60	17.39	13.08	11.61	11.70
8	10.90	11.87	12.74	15.58	14.22	13.23	16.23	15.59	17.46	12.90	11.60	11.86
9	11.12	11.83	12.91	15.41	14.43	13.16	16.53	15.60	17.49	12.75	11.58	11.92
10	11.34	11.71	13.07	15.23	14.66	13.06	16.67	15.61	17.50	12.63	11.56	---
11	11.61	11.53	13.22	15.03	14.85	12.98	16.79	15.64	17.48	12.52	11.58	---
12	11.65	11.40	13.38	14.86	15.03	12.94	16.92	15.69	17.37	12.43	11.63	---
13	11.90	11.40	13.55	14.66	15.19	12.87	16.99	15.75	17.20	12.34	11.58	---
14	12.15	11.40	13.73	14.43	15.29	12.82	17.04	15.77	17.01	12.34	11.54	---
15	12.04	11.39	13.83	14.21	15.35	12.80	17.09	15.78	16.79	12.33	11.55	---
16	12.01	11.42	13.91	14.00	15.35	12.79	17.14	15.81	16.58	12.24	11.55	---
17	11.89	11.26	14.03	13.80	15.30	12.80	17.18	15.88	16.38	12.15	11.50	---
18	11.84	11.06	14.10	13.61	15.22	12.83	17.20	15.96	16.19	12.05	11.49	11.32
19	11.81	10.95	14.14	13.42	15.12	12.86	17.19	15.97	15.98	11.86	11.47	11.29
20	11.74	10.71	14.18	13.22	15.05	12.91	17.13	15.97	15.78	11.67	11.46	11.40
21	11.74	10.51	14.23	13.06	14.93	12.97	17.03	16.01	15.59	11.60	11.45	11.38
22	11.77	10.78	14.32	12.91	14.79	12.99	16.91	16.06	15.38	11.61	11.43	11.36
23	11.85	11.05	14.47	12.81	14.64	13.03	16.76	16.13	15.18	11.65	11.43	11.25
24	11.91	11.26	14.60	12.72	14.50	13.15	16.62	16.23	15.02	11.67	11.35	11.20
25	11.96	11.06	14.73	12.65	14.39	13.33	16.47	16.33	14.89	11.74	11.23	11.12
26	11.92	10.98	14.89	12.58	14.28	13.61	16.32	16.43	14.82	11.82	11.08	11.49
27	11.87	11.03	15.04	12.54	14.12	13.82	16.20	16.54	14.76	11.78	10.98	11.63
28	11.79	11.28	15.22	12.53	13.98	14.03	16.11	16.67	14.66	11.67	10.95	11.74
29	11.70	11.72	15.40	12.49	---	14.27	16.02	16.79	14.53	11.55	10.84	11.77
30	11.65	11.71	15.55	12.58	---	14.52	15.93	16.91	14.37	11.49	10.97	11.78
31	11.66	---	15.67	12.71	---	14.76	---	17.05	---	11.42	11.07	---
MAX	12.15	11.95	15.67	15.87	15.35	14.76	17.20	17.05	17.50	14.20	11.63	---
MIN	10.70	10.51	11.78	12.49	12.93	12.79	14.98	15.59	14.37	11.42	10.84	---

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA

LOCATION.--Lat. 29°42'09", long 91°12'07", on line between secs. 1 and 6, St. Mary Parish, Hydrologic Unit 08080101, near center of span on downstream side of Southern Railways System bridge at Morgan City, 0.3 mi downstream from U. S. Highway 90, 0.3 mi upstream from Bayou Boeuf, and 1.0 mi. southwest of Morgan City High School. Prior to November 8, 1996, at site 1,200 ft upstream.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1976 to September 1994, October 1996 to September 1997 (elevations and discharge measurements only); October 1994 to September 1996; October 1997 to current year (elevation and discharge).Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans District, and National Weather Service.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is -0.45 ft NAVD 88, prior to Oct. 1, 2000, at NGVD of 1929. Prior to November 8, 1996, at site 1,200 ft upstream at same datum. Prior to October 1984 at datum 0.34 ft higher and prior to July 1983 at 0.17 ft higher. Prior to October 1981 at NGVD of 1929.

REMARKS.--Discharge and elevation affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge recorded, 373,000 ft^3/s , June 24, 1995; maximum elevation, 8.54 ft, Aug. 25, 1992, but may have been higher during Hurricane Andrew; minimum, -0.94 ft, Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached an elevation of 10.53 ft, from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 ft^3/s. Minimum elevation, -5.44 ft, Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans District.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 317,000 ft^3/s, Apr. 17; minimum discharge, -19,600 ft^3/s, Oct. 13; maximum elevation, 6.56 ft, June 10; minimum elevation, 0.72 ft, Nov. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59100	75600	84300	269000	155000	116000	216000	195000	271000	133000	74800	53300
2	52600	74900	89500	257000	158000	121000	213000	196000	272000	129000	72900	51800
3	55300	81700	92800	252000	167000	135000	226000	199000	274000	121000	58900	47000
4	53100	89600	97000	252000	174000	124000	242000	203000	271000	114000	61000	54900
5	52100	88700	102000	239000	180000	113000	242000	206000	268000	111000	62900	58100
6	66100	90800	120000	236000	183000	108000	250000	204000	266000	107000	63500	73500
7	50200	88400	131000	224000	199000	110000	246000	203000	264000	97300	65800	62800
8	48900	80300	143000	206000	203000	97900	251000	204000	266000	93900	74700	50700
9	43500	85900	163000	189000	206000	109000	267000	209000	262000	93600	58200	54100
10	35400	81700	165000	183000	207000	107000	282000	211000	255000	92600	56200	63900
11	54700	75300	168000	174000	211000	96300	285000	208000	251000	88600	51400	55900
12	65000	71000	170000	166000	211000	102000	292000	209000	240000	90900	56100	62800
13	31000	68900	172000	156000	208000	106000	292000	215000	230000	95700	56400	53200
14	81800	64400	178000	148000	216000	97900	290000	221000	217000	85600	55500	51400
15	56600	61500	177000	140000	206000	102000	295000	215000	213000	94900	53300	57800
16	83000	67300	173000	131000	196000	110000	298000	215000	203000	87800	59200	57300
17	74900	69100	179000	126000	197000	112000	297000	213000	198000	89500	52400	48400
18	77600	63400	186000	121000	186000	114000	293000	216000	192000	96100	55100	48500
19	76600	60600	181000	118000	179000	112000	288000	219000	184000	83800	55500	40600
20	74600	64200	189000	111000	179000	113000	280000	219000	181000	78100	53500	41400
21	73900	48300	195000	107000	183000	133000	265000	220000	176000	75200	55400	50200
22	78000	45500	200000	103000	183000	129000	260000	228000	172000	75000	58500	53800
23	82200	48400	213000	102000	158000	126000	250000	231000	163000	79300	59900	45600
24	84200	48600	227000	103000	150000	137000	240000	236000	158000	79500	59000	56400
25	90800	55000	230000	109000	147000	147000	235000	245000	157000	77000	63100	68200
26	93600	43900	237000	105000	150000	161000	224000	252000	154000	76600	58700	64100
27	93500	41500	246000	107000	140000	175000	207000	251000	144000	76300	60600	58100
28	92600	39700	252000	107000	127000	180000	206000	255000	143000	74200	60200	58700
29	88300	67800	254000	109000	---	191000	209000	260000	143000	68100	56700	70500
30	80700	83000	265000	116000	---	192000	201000	260000	140000	72000	52900	65200
31	79400	---	265000	130000	---	199000	---	266000	---	70700	54300	---
TOTAL	2129300	2025000	5544600	4896000	5059000	3976100	7642000	6884000	6328000	2807300	1836600	1678200
MEAN	68690	67500	178900	157900	180700	128300	254700	222100	210900	90560	59250	55940

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.83	2.26	2.41	5.29	3.05	3.44	4.88	5.29	6.24	3.70	1.96	2.06
2	1.70	2.39	2.36	5.29	3.03	3.71	5.09	5.25	6.26	3.46	1.86	2.21
3	1.76	2.54	2.33	5.26	3.35	3.25	5.22	5.20	6.26	3.26	2.02	2.63
4	1.87	2.45	2.42	5.14	3.42	2.90	5.23	5.15	6.27	3.05	2.19	2.55
5	2.05	2.32	2.67	5.20	3.51	2.73	5.33	5.06	6.32	2.81	2.37	2.61
6	1.74	2.43	2.80	5.14	3.84	2.71	5.42	5.08	6.34	2.59	2.52	2.73
7	1.73	2.28	3.00	4.83	4.00	2.73	5.56	5.11	6.34	2.65	2.50	2.85
8	2.00	2.39	3.15	4.64	4.21	2.87	5.86	5.19	6.35	2.59	2.37	3.01
9	2.28	2.26	3.06	4.42	4.50	2.89	6.12	5.19	6.34	2.66	2.43	2.88
10	2.77	2.13	3.22	4.23	4.68	2.43	6.06	5.14	6.39	2.60	2.55	2.73
11	3.04	2.09	3.34	4.10	4.73	2.63	6.10	5.23	6.35	2.66	2.64	2.61
12	2.67	2.03	3.55	3.90	4.87	2.85	6.13	5.34	6.19	2.68	2.61	2.34
13	3.65	2.10	3.66	3.65	4.92	2.48	6.14	5.34	6.03	2.54	2.42	2.43
14	2.69	2.12	3.78	3.53	4.89	2.71	6.16	5.19	5.88	2.63	2.48	2.78
15	2.70	2.20	3.73	3.25	4.88	2.77	6.16	5.28	5.67	2.45	2.55	2.50
16	2.39	2.15	3.90	3.11	4.75	2.81	6.16	5.32	5.55	2.27	2.42	2.25
17	2.07	1.86	4.02	2.90	4.57	2.90	6.15	5.41	5.47	2.24	2.46	2.15
18	2.29	1.71	3.80	2.70	4.42	2.95	6.13	5.40	5.26	2.09	2.42	2.28
19	2.23	1.72	3.89	2.58	4.38	3.01	6.11	5.33	5.12	2.04	2.38	2.46
20	2.25	1.36	3.77	2.33	4.41	3.28	6.01	5.38	4.95	2.10	2.35	2.58
21	2.33	1.48	3.96	2.39	4.25	3.07	5.95	5.44	4.78	2.12	2.27	2.34
22	2.29	1.98	4.18	2.33	4.10	2.87	5.82	5.50	4.63	2.21	2.23	2.32
23	2.51	2.19	4.37	2.39	3.91	3.09	5.69	5.61	4.56	2.20	2.15	2.31
24	2.66	2.49	4.43	2.49	3.85	3.43	5.62	5.68	4.49	2.23	2.18	2.14
25	2.47	1.85	4.65	2.21	3.85	3.72	5.51	5.78	4.46	2.21	2.08	1.80
26	2.17	2.04	4.76	2.25	3.68	3.90	5.39	5.86	4.41	2.21	1.94	2.05
27	2.12	2.10	4.82	2.43	3.26	3.96	5.45	5.96	4.39	2.26	1.89	2.48
28	1.89	2.48	5.10	2.51	3.25	4.23	5.46	6.06	4.31	2.20	1.84	2.74
29	1.93	2.82	5.26	2.62	---	4.45	5.30	6.11	4.15	2.16	1.77	2.54
30	2.08	2.25	5.26	2.79	---	4.66	5.25	6.18	3.94	2.16	1.98	2.64
31	2.22	---	5.31	3.07	---	4.85	---	6.23	---	2.04	2.03	---
MAX	3.65	2.82	5.31	5.29	4.92	4.85	6.16	6.23	6.39	3.70	2.64	3.01
MIN	1.70	1.36	2.33	2.21	3.03	2.43	4.88	5.06	3.94	2.04	1.77	1.80

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1978 to September 1981.
WATER TEMPERATURES-5 FT DEPTH: October 1976 to September 1984, May 1990 to September 1992.
WATER TEMPERATURES-25 FT DEPTH: December 1990 to February 1991.
WATER TEMPERATURES-45 FT DEPTH: December 1990 to February 1991.
CHLORIDE-5 FT DEPTH: October 1974 to September 1984, May 1990 to September 1992.
CHLORIDE-25 FT DEPTH: October 1980 to September 1984, December 1990 to January 1992.
CHLORIDE-45 FT DEPTH: October 1980 to September 1984, December 1990 to January 1992.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 622 micromhos Jan. 21, 1981; minimum daily, 179 micromhos Feb. 23, 1979.
WATER TEMPERATURES-5 FT DEPTH: Maximum daily, 32.0°C July 28, 1977; minimum daily, 4.0°C Feb. 9-11, 1978.
CHLORIDE-5 FT DEPTH: Maximum daily, 160 mg/L June 14-16, 1977; minimum daily, 9.7 mg/L May 15, 1991.
CHLORIDE-25 FT DEPTH: Maximum daily, 120 mg/L Nov. 5, 1981; minimum daily, 16 mg/L Dec. 26, 29, 1982, many days during Jan., Feb.14, 1983.
CHLORIDE-45 FT DEPTH: Maximum daily, 130 mg/L Dec. 9, 1981; minimum daily, 14 mg/L Jan. 26, Mar. 1, May 27, 1983.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A specific conductance of 644 microsiemens was observed June 17, 1987. A water temperature of 32.0°C was observed Aug. 6, 1987.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV					
01...	1300	68600	90	16700	100
DEC					
20...	1330	187000	331	167000	82
JAN					
28...	1230	114000	136	42000	98
FEB					
22...	1200	171000	177	81800	90
26...	1200	166000	166	74500	88
MAR					
14...	1200	113000	136	41300	99
28...	1200	187000	610	308000	90
APR					
16...	1300	272000	513	377000	64
29...	1200	217000	245	144000	85
MAY					
09...	1400	210000	321	182000	72
23...	1200	229000	279	173000	80
JUN					
13...	1200	239000	176	113000	63
25...	1000	163000	254	112000	97
JUL					
11...	1200	88000	204	48500	100
AUG					
07...	1600	76500	181	37400	99
21...	1200	51500	180	25000	99
SEP					
23...	1400	38700	86	9030	99
30...	1200	76200	66	13500	100

073816202 GULF INTRACOASTAL WATERWAY AT MILE 103 SOUTH OF MORGAN CITY, LA

LOCATION.--Lat 29°38'58", long 91°18'15", T. 16 S., R. 12 E., Sec. 4, St. Mary Parish, Hydrologic Unit 08080101, on left bank of stream, mile 103 of GIWW, and four miles west of Lower Atchafalaya River.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1988 to current year. Unpublished data prior to Oct. 1, 2001, located in the Louisiana District, Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records fair. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.00 ft, June 10, 2002, minimum elevation, 0.27 ft, Nov. 20, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.00 ft, June 10; minimum elevation, 0.27 ft, Nov. 20.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.39	1.87	1.99	4.00	2.17	2.62	3.59	4.10	4.63	2.67	1.32	1.31
2	1.31	1.99	1.92	3.95	2.19	2.88	3.77	4.05	4.64	2.49	1.19	1.39
3	1.46	2.12	1.88	3.87	2.51	2.15	3.85	3.99	4.65	2.30	1.39	1.59
4	1.59	1.98	1.96	3.79	2.52	1.90	3.81	3.92	4.67	2.13	1.55	1.55
5	1.77	1.84	2.19	3.91	2.61	1.83	3.89	3.82	4.74	1.93	1.75	1.60
6	1.36	1.99	2.24	3.80	2.93	1.89	3.97	3.88	4.73	1.76	1.88	1.65
7	1.45	1.84	2.39	3.48	2.96	1.95	4.13	3.90	4.73	1.95	1.85	1.72
8	1.70	1.98	2.47	3.35	3.15	2.13	4.44	3.99	4.77	1.91	1.72	1.80
9	1.98	1.81	2.32	3.18	3.41	2.05	4.68	3.97	4.75	2.00	1.84	1.73
10	2.46	1.69	2.53	3.07	3.49	1.57	4.55	3.88	4.84	1.93	1.96	1.66
11	2.68	1.70	2.65	2.99	3.47	1.91	4.59	3.98	4.79	2.06	2.05	1.60
12	2.33	1.65	2.87	2.76	3.60	2.01	4.63	4.10	4.65	2.08	1.99	1.49
13	3.32	1.73	2.98	2.60	3.62	1.65	4.61	4.04	4.51	1.91	1.79	1.54
14	2.11	1.78	2.99	2.55	3.58	1.97	4.64	3.83	4.39	2.04	1.87	1.71
15	2.33	1.85	2.99	2.28	3.61	2.00	4.63	3.95	4.23	1.79	1.92	1.56
16	1.87	1.76	3.20	2.24	3.47	2.04	4.63	3.99	4.16	1.67	1.76	1.48
17	1.61	1.46	3.25	2.05	3.32	2.11	4.62	4.07	4.10	1.62	1.81	1.46
18	1.87	1.32	2.99	1.89	3.26	2.15	4.59	3.97	3.89	1.46	1.75	1.53
19	1.79	1.33	3.06	1.80	3.29	2.23	4.56	3.87	3.80	1.45	1.71	1.63
20	1.83	0.94	2.88	1.62	3.33	2.53	4.49	3.94	3.66	1.54	1.86	1.67
21	1.90	1.16	3.09	1.68	3.20	2.10	4.46	3.99	3.51	1.56	---	1.57
22	1.86	1.65	3.32	1.68	3.02	1.97	4.36	4.05	3.43	1.68	---	1.55
23	2.08	1.84	3.42	1.76	2.86	2.27	4.25	4.14	3.42	1.62	---	1.59
24	2.23	2.11	3.39	1.87	2.87	2.59	4.24	4.20	3.36	1.77	---	1.50
25	1.92	1.49	3.57	1.47	2.92	2.82	4.16	4.29	3.38	1.74	---	1.31
26	1.68	1.70	3.62	1.61	2.65	2.90	4.06	4.36	3.36	1.74	---	1.44
27	1.61	1.78	3.68	1.80	2.17	2.92	4.20	4.45	3.35	1.71	---	1.67
28	1.40	2.22	3.97	1.89	2.32	3.17	4.20	4.51	3.24	1.58	---	1.76
29	1.49	2.38	4.08	2.00	---	3.31	4.03	4.55	3.08	1.56	---	1.66
30	1.66	1.82	4.02	2.17	---	3.50	4.01	4.61	2.90	1.52	1.27	1.73
31	1.79	---	4.04	2.43	---	3.63	---	4.64	---	1.39	1.28	---
MAX	3.32	2.38	4.08	4.00	3.62	3.63	4.68	4.64	4.84	2.67	---	1.80
MIN	1.31	0.94	1.88	1.47	2.17	1.57	3.59	3.82	2.90	1.39	---	1.31

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA

LOCATION.--Lat. 29°35'07", long 91°10'47", sec. 17, T. 17 S., R. 13 E., Terrebonne Parish, Hydrologic Unit 08090302, 7.5 miles south-southeast of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is zero feet NAVD 88.

REMARKS.--Records poor. No velocity record for Dec. 28. Discharge and gage height affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 14,300 ft^3/s, Jan. 22, 1998; maximum negative discharge, -5,560 ft^3/s, Oct. 13, 2001; maximum gage height, 3.68 ft, June 10, 2001; minimum gage height, -0.39 ft, Jan. 29, Feb. 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 13,700 ft^3/s, Oct. 13; maximum negative discharge, -5,560 ft^3/s, Oct. 13; maximum gage height, 3.51 ft, June 10; minimum gage height, 0.46 ft, Nov. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1010	1670	901	3720	2710	2940	3950	4660	5310	2530	1150	1200
2	723	1720	811	4100	2900	3690	4410	4500	5520	2440	1340	1440
3	1030	1900	974	3830	3170	2320	5010	4320	5500	2540	1340	2090
4	1180	1480	1100	3710	2780	1710	4330	4000	5490	2500	1680	1510
5	1220	1210	1740	4390	2640	1620	4490	3920	5830	2300	1720	1710
6	400	1270	2150	3930	3830	2000	4420	4070	5800	2310	1410	1790
7	933	1000	2450	3300	3730	2500	4310	4120	5440	2690	1560	1860
8	959	1510	2750	3240	3610	2290	5100	4410	5550	2550	1330	2530
9	1120	1010	2510	3100	3970	2710	5440	4410	5160	2400	1640	1140
10	2300	1230	2920	3320	4310	1100	5150	4150	5660	2070	2200	97
11	2320	1650	2840	3410	3940	2320	5240	4330	5430	2100	1970	284
12	132	1260	3040	2930	4150	2820	5310	4560	5330	2000	1440	-92
13	3790	1260	3140	2540	4080	1770	5500	4980	5180	1470	211	584
14	-2710	1330	3240	2760	3950	2150	5670	3940	5400	1710	1270	1580
15	110	1370	2970	2230	4100	1580	5420	4360	4910	1440	972	152
16	-72	885	2730	2470	4010	2170	5030	4370	4560	1540	945	415
17	-462	573	3470	2060	3740	1920	5400	5090	3870	1720	1140	531
18	1140	438	2820	2120	3440	2140	5340	4470	3890	1660	1020	892
19	1090	486	3170	2100	3250	1990	5440	4320	3950	1690	837	1310
20	1310	733	2810	1940	4570	3200	5200	4370	4010	1590	1020	1690
21	1180	1140	3230	2110	3740	1960	5380	4620	3910	1660	682	1040
22	1140	1490	3670	1820	3400	2160	4910	4610	4040	1990	674	1050
23	1610	966	3610	1720	2840	2910	4630	4890	4110	1800	899	1300
24	2170	1540	3530	2090	2760	2690	4770	4940	4040	1830	1150	655
25	1090	-269	3890	1520	2970	3020	4580	5220	4110	1450	698	729
26	1650	365	3780	2090	3220	3520	4520	5210	3590	1530	587	1000
27	1960	751	---	2060	2270	3450	4870	5370	3500	1810	1060	1370
28	1460	1240	4550	1880	2360	3570	4960	5570	2870	1600	892	1490
29	2000	2040	4490	1690	---	3930	4450	5670	2950	1840	976	488
30	2320	103	4140	1630	---	4040	4580	5600	2930	1480	983	1170
31	1940	---	4190	2450	---	4640	---	5550	---	1170	836	---
TOTAL	36043	33351	---	82260	96440	80830	147810	144600	137840	59410	35632	33005

MISSISSIPPI RIVER DELTA

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.34	1.53	1.70	2.39	1.58	1.85	2.32	2.94	3.21	2.32	1.38	1.48
2	1.20	1.64	1.64	2.40	1.40	2.20	2.42	2.95	3.22	2.18	1.29	1.61
3	1.22	1.78	1.55	2.35	1.57	1.81	2.49	2.92	3.23	2.07	1.42	1.91
4	1.34	1.71	1.56	2.28	1.52	1.53	2.41	2.86	3.25	1.93	1.56	1.94
5	1.50	1.58	1.68	2.42	1.49	1.39	2.42	2.77	3.31	1.76	1.69	2.00
6	1.33	1.65	1.66	2.45	1.72	1.41	2.45	2.79	3.33	1.59	1.85	2.12
7	1.23	1.55	1.68	2.23	1.75	1.49	2.54	2.80	3.33	1.71	1.85	2.23
8	1.45	1.65	1.71	2.15	1.82	1.64	2.83	2.86	3.36	1.70	1.78	2.40
9	1.66	1.54	1.53	2.06	2.02	1.70	3.11	2.86	3.36	1.78	1.81	2.35
10	2.03	1.44	1.60	2.02	2.10	1.30	3.06	2.79	3.42	1.77	1.94	2.24
11	2.27	1.45	1.65	2.02	2.04	1.49	3.11	2.83	3.42	1.84	2.04	2.15
12	2.14	1.40	1.84	1.92	2.11	1.69	3.16	2.90	3.36	1.89	2.06	1.94
13	2.69	1.44	1.95	1.83	2.14	1.38	3.15	2.89	3.28	1.81	1.93	1.95
14	2.29	1.48	2.01	1.85	2.13	1.58	3.16	2.68	3.22	1.87	1.95	2.15
15	2.22	1.55	1.97	1.67	2.18	1.68	3.15	2.75	3.07	1.73	2.00	1.99
16	1.96	1.56	2.12	1.65	2.14	1.72	3.15	2.77	3.06	1.57	1.93	1.81
17	1.59	1.32	2.21	1.52	2.06	1.76	3.17	2.84	3.08	1.52	1.96	1.72
18	1.67	1.18	1.98	1.42	2.04	1.76	3.17	2.82	2.94	1.38	1.90	1.78
19	1.60	1.18	2.03	1.38	2.11	1.78	3.17	2.67	2.92	1.33	1.87	1.91
20	1.63	0.92	1.80	1.18	2.25	2.00	3.15	2.69	2.83	1.39	1.84	2.02
21	1.67	0.96	1.91	1.26	2.19	1.73	3.15	2.71	2.72	1.40	1.79	1.86
22	1.63	1.34	2.06	1.27	2.12	1.50	3.09	2.71	2.66	1.47	1.75	1.84
23	1.75	1.59	2.16	1.36	1.96	1.61	3.03	2.78	2.66	1.48	1.67	1.81
24	1.87	1.84	2.09	1.48	1.97	1.77	3.03	2.81	2.66	1.52	1.69	1.68
25	1.72	1.44	2.18	1.25	2.02	1.94	2.97	2.87	2.69	1.53	1.62	1.41
26	1.45	1.53	2.18	1.20	1.91	2.00	2.90	2.93	2.72	1.56	1.48	1.67
27	1.38	1.57	2.16	1.36	1.50	1.93	2.98	2.99	2.77	1.60	1.39	1.95
28	1.13	1.81	2.36	1.48	1.55	2.07	3.02	3.04	2.72	1.57	1.36	2.12
29	1.15	2.06	2.46	1.56	---	2.16	2.92	3.08	2.61	1.56	1.29	1.98
30	1.29	1.66	2.43	1.65	---	2.28	2.90	3.13	2.49	1.54	1.42	2.05
31	1.47	---	2.44	1.81	---	2.39	---	3.20	---	1.44	1.44	---
MAX	2.69	2.06	2.46	2.45	2.25	2.39	3.17	3.20	3.42	2.32	2.06	2.40
MIN	1.13	0.92	1.53	1.18	1.40	1.30	2.32	2.67	2.49	1.33	1.29	1.41

073816505 GULF INTRACOASTAL WATERWAY NEAR BAY WALLACE EAST OF MORGAN CITY, LA

LOCATION.--Lat 29°37'37", long 91°02'43", T. 17 S., R. 14 E., Sec. 3, Terrebonne Parish, Hydrologic Unit 08090302, on the left bank of stream, four miles east of Bayou Chene.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1998 to current year. March 1998 to March 2001 (gage-height records only) can be found in the Louisiana District, Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Reocrds poor. No elevation record for the period Dec 20 - 27, Mar. 23 - Apr. 25, Jul. 31 - Aug 1; no velocity record for the period Dec 19 - 27, Jul. 31 - Aug. 1. Stage and discharge affected by wind, tide and boat traffic. Reverse flow occurs. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum positiye discharge, 13,800 ft^3/s, Oct. 13, 2001; maximum elevation, 3.50 ft, June 10, 2001; minimum negative discharge, -6,240 ft^3/s, Sept. 26, 2002; minimum elevation, -0.13 ft, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 13,800 ft^3/s, Oct. 13, maximum elevation, 3.12 ft, Jun. 8; maximum negative discharge, -6,240 ft^3/s, Sept. 26; minimum elevation, 0.61 ft, Nov. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2760	4580	3530	9460	5540	7720	---	8900	10500	6050	---	2240
2	2160	4530	3790	9430	5940	8430	---	8760	10500	6050	3550	2800
3	2470	5640	3840	9200	8030	4960	---	8700	10400	6010	3930	4270
4	3190	4890	4230	8860	7590	3470	---	8660	10500	5590	4410	3870
5	3600	3810	5310	9460	7260	4460	---	8750	10700	5380	5180	3860
6	1440	4670	5810	9200	8690	5890	---	8510	11000	4900	5260	4740
7	1770	3680	6230	7760	8590	6650	---	8700	10700	6340	4800	3790
8	3310	4860	6890	8120	8540	6230	---	8930	10700	5700	4280	3470
9	2410	3730	6390	8130	9180	7070	---	9010	11000	5380	3950	2180
10	4780	4380	7420	8100	9870	4190	---	8750	11200	5210	4280	1660
11	5520	4770	6890	8300	9390	6540	---	8590	11200	5260	4010	2030
12	1410	3850	7050	7700	9540	7320	---	8940	11100	5410	3620	1010
13	6620	3760	6980	7170	9510	4560	---	9480	10800	4500	1590	2370
14	-553	3250	7370	7380	9450	6330	---	8770	10900	5280	3940	4830
15	394	3660	6580	6010	9710	5450	---	9350	10500	4330	4250	2640
16	1140	3770	6830	6650	9610	5670	---	9320	10600	3840	3020	1840
17	-344	2700	8110	5770	8890	5390	---	9560	10400	4750	2890	1410
18	3210	2710	6550	5640	8260	5460	---	10400	9520	4190	2760	2840
19	3720	3260	---	5640	8200	4980	---	10000	9510	4430	2930	3810
20	4250	2450	---	4390	9310	6850	---	10200	9380	4660	2820	4490
21	4550	2860	---	5810	8240	4930	---	10500	8870	4180	2390	2310
22	3800	3930	---	5510	8340	4870	---	10500	9230	4990	1960	1960
23	5240	2740	---	4820	7330	---	---	10600	9370	4610	2150	1010
24	5960	4580	---	5240	7080	---	---	10300	8970	4960	3180	-1320
25	4140	-234	---	3800	7590	---	---	10300	8900	4630	2640	-3660
26	2710	2260	---	5170	7930	---	10100	10300	8890	4430	2080	-3270
27	4440	2870	---	6140	5170	---	9560	10400	8490	4650	2560	-1850
28	3110	2520	9770	5760	6810	---	9700	10700	7680	4300	2230	1470
29	4340	5830	10200	5470	---	---	9270	10600	6890	4550	2310	729
30	5510	982	9820	5120	---	---	8990	10500	6490	4370	2910	2360
31	5160	---	9840	6440	---	---	---	10600	---	---	2150	---
TOTAL	102217	107288	---	211650	229590	---	---	297580	294890	---	---	59889

073816505 GULF INTRACOASTAL WATERWAY NEAR BAY WALLACE EAST OF MORGAN CITY, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.28	1.43	1.70	2.16	1.61	1.65	---	2.63	2.78	2.25	---	1.42
2	1.13	1.53	1.64	2.17	1.37	2.02	---	2.65	2.80	2.12	1.25	1.54
3	1.14	1.64	1.54	2.13	1.43	1.88	---	2.65	2.81	2.02	1.32	1.76
4	1.26	1.63	1.51	2.07	1.40	1.61	---	2.62	2.82	1.89	1.44	1.84
5	1.40	1.53	1.58	2.14	1.37	1.42	---	2.56	2.85	1.72	1.54	1.91
6	1.35	1.57	1.58	2.26	1.51	1.36	---	2.53	2.88	1.54	1.70	2.00
7	1.17	1.50	1.58	2.14	1.58	1.40	---	2.52	2.92	1.59	1.73	2.11
8	1.34	1.56	1.59	2.03	1.60	1.54	---	2.54	2.99	1.60	1.70	2.33
9	1.53	1.50	1.44	1.95	1.74	1.66	---	2.56	2.98	1.67	1.71	2.30
10	1.83	1.40	1.44	1.88	1.82	1.35	---	2.53	2.99	1.67	1.83	2.24
11	2.07	1.38	1.48	1.87	1.80	1.40	---	2.53	3.01	1.70	1.94	2.16
12	2.10	1.34	1.64	1.83	1.83	1.63	---	2.56	2.99	1.77	2.00	2.00
13	2.41	1.39	1.77	1.75	1.87	1.42	---	2.57	2.95	1.76	1.92	1.94
14	2.42	1.43	1.87	1.77	1.87	1.51	---	2.45	2.90	1.76	1.88	2.04
15	2.23	1.49	1.83	1.65	1.89	1.64	---	2.44	2.81	1.70	1.93	1.98
16	2.05	1.52	1.92	1.59	1.90	1.69	---	2.44	2.77	1.52	1.90	1.83
17	1.70	1.33	2.03	1.51	1.86	1.74	---	2.48	2.79	1.46	1.91	1.75
18	1.65	1.19	1.90	1.41	1.84	1.73	---	2.51	2.72	1.34	1.86	1.74
19	1.58	1.17	1.89	1.39	1.90	1.74	---	2.39	2.68	1.28	1.83	1.83
20	1.56	0.95	---	1.18	2.03	1.90	---	2.36	2.61	1.30	1.79	1.95
21	1.60	0.92	---	1.23	2.04	1.78	---	2.34	2.52	1.32	1.76	1.85
22	1.56	1.23	---	1.23	1.99	1.51	---	2.35	2.44	1.36	1.73	1.86
23	1.64	1.55	---	1.34	1.88	---	---	2.37	2.42	1.40	1.66	1.81
24	1.74	1.77	---	1.45	1.85	---	---	2.40	2.43	1.41	1.65	1.77
25	1.67	1.50	---	1.33	1.88	---	---	2.45	2.44	1.45	1.60	1.65
26	1.42	1.52	---	1.17	1.82	---	2.61	2.50	2.49	1.49	1.47	1.96
27	1.33	1.54	---	1.29	1.51	---	2.62	2.54	2.54	1.50	1.37	2.11
28	1.11	1.74	2.05	1.42	1.44	---	2.67	2.58	2.56	1.50	1.34	2.21
29	1.07	2.00	2.14	1.51	---	---	2.64	2.63	2.50	1.48	1.26	2.12
30	1.17	1.74	2.16	1.60	---	---	2.62	2.69	2.38	1.47	1.36	2.10
31	1.37	---	2.16	1.73	---	---	---	2.74	---	---	1.40	---
MAX	2.42	2.00	---	2.26	2.04	---	---	2.74	3.01	---	---	2.33
MIN	1.07	0.92	---	1.17	1.37	---	---	2.34	2.38	---	---	1.42

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA

LOCATION.--Lat 29°20'21", long 91°01'07", T. 18 S., R. 14 E., Terrebonne Parish, Hydrologic Unit 08090302.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1999 to September 2001 (elevation and discharge). October 2001 to September 2002.

GAGE.--Water-quality multiprobe with water level. Prior to October 2001, water-stage recorder and velocity meter. Datum of gage is assumed. Prior to March 12, 2002 datum is NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.40 ft, Sept. 8, 2002; minimum elevation, -0.43 ft, Jan. 1, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.40 ft, Sept. 8; minimum elevation, -0.43 ft, Jan. 1.

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.38	1.35	1.34	0.40	0.48	---	---	4.94	4.33	4.42	4.91	5.04
2	1.18	1.44	1.21	0.47	0.33	---	---	4.89	4.31	4.37	4.80	5.27
3	1.16	1.60	1.07	0.48	0.80	---	---	4.83	4.35	4.35	5.03	5.59
4	1.28	1.51	1.08	0.39	0.38	---	---	4.52	4.33	4.31	5.12	5.60
5	1.48	1.29	1.30	1.16	-0.08	---	---	4.26	4.50	4.17	5.31	5.64
6	1.25	1.45	1.10	1.00	0.75	---	---	4.52	4.34	4.07	5.45	5.76
7	1.22	1.22	1.07	0.29	0.56	---	---	4.50	4.32	4.45	5.38	5.85
8	1.40	1.47	1.11	0.42	0.61	---	---	4.70	4.36	4.46	5.27	6.07
9	1.65	1.24	0.62	0.34	0.93	---	---	4.56	4.23	4.73	5.32	5.88
10	2.09	1.17	1.03	0.62	---	---	---	4.24	4.59	4.73	5.49	5.77
11	2.38	1.34	0.87	0.86	---	---	---	4.38	4.56	4.90	5.69	5.66
12	2.11	1.30	1.36	0.68	---	---	---	4.48	4.47	5.03	5.65	5.44
13	2.98	1.31	1.37	0.70	---	---	---	4.27	4.42	4.91	5.44	5.51
14	2.05	1.32	1.34	1.05	---	---	---	3.55	4.34	4.86	5.47	5.85
15	1.85	1.37	1.13	0.65	---	---	---	3.97	4.09	4.69	5.56	5.46
16	1.43	1.39	1.50	0.93	---	---	---	4.01	4.31	4.64	5.40	5.30
17	0.89	1.05	1.57	0.75	---	---	---	4.24	4.33	4.71	5.43	5.20
18	1.26	0.91	0.88	0.80	---	---	---	3.71	4.14	4.56	5.39	5.29
19	1.17	1.04	1.14	0.93	---	---	---	3.45	4.35	4.64	5.34	5.45
20	1.32	0.69	0.51	0.54	---	---	---	3.66	4.18	4.76	5.32	5.61
21	1.41	0.90	0.92	0.85	---	---	---	3.75	4.07	4.80	5.32	5.47
22	1.32	1.36	1.38	0.88	---	---	---	3.72	4.25	---	5.27	5.53
23	1.54	1.63	1.14	1.01	---	---	---	4.03	4.50	---	5.21	5.52
24	1.71	1.91	0.85	1.10	---	---	5.03	4.03	4.59	4.98	5.25	5.30
25	1.34	1.30	1.15	0.59	---	---	4.84	4.16	4.70	4.92	5.21	5.02
26	1.09	1.45	0.83	0.59	---	---	4.81	4.20	4.77	4.94	5.09	5.73
27	1.08	1.48	0.57	0.89	---	---	5.21	4.29	4.86	5.02	5.02	5.66
28	0.75	1.69	1.14	1.11	---	---	5.18	4.36	4.75	4.96	4.97	5.72
29	0.79	2.11	1.28	1.16	---	---	4.88	4.36	4.59	5.03	4.94	5.37
30	1.05	1.30	0.92	1.14	---	---	4.91	4.42	4.52	5.03	5.04	5.54
31	1.29	---	0.80	1.31	---	---	---	4.46	---	4.91	5.01	---
MAX	2.98	2.11	1.57	1.31	---	---	---	4.94	4.86	---	5.69	6.07
MIN	0.75	0.69	0.51	0.29	---	---	---	3.45	4.07	---	4.80	5.02

0738165065 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2000 to current year.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

REMARKS.--
SPECIFIC CONDUCTANCE: record rated excellent except for Apr. 23-May 15 rated good.
WATER TEMPERATURE: record rated good.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 36,000 microseimens/cm, Nov. 8, 2000; minimum, 263 microseimens/cm, June 29, 2001.
WATER TEMPERATURE: Maxmimum, 35.0°C, July 20, 21, 2002; minimum 2.2°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 24,200 microsiemens/cm, Nov. 29; minimum, 347 microsiemens/cm, May 22.
WATER TEMPERATURE: Maximum, 35.0°C, July 20, 21; minimum, 3.8°C, Jan. 3.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6740	4950	5550	9800	6530	8050	18100	11700	15200	3150	523	1220
2	5960	4410	5480	12800	7110	9440	17400	9500	14200	1450	499	810
3	5800	2930	4440	11300	8770	10300	16900	7220	12600	1270	508	687
4	8800	4310	5830	12000	8770	10300	16200	6160	11900	614	422	493
5	8770	6560	7300	12100	5560	9220	16200	7130	12400	1210	459	632
6	9580	4010	7070	11100	7780	9940	16000	5850	11200	2510	645	1760
7	6900	3830	5440	11000	4910	8700	15400	5020	10600	974	546	716
8	8040	5100	6400	11000	6540	9470	14600	5180	12000	652	443	518
9	12300	6300	8820	11700	4780	9010	12500	3210	6470	1330	462	642
10	17700	8950	12300	10300	3750	8490	12100	7340	10300	1330	468	681
11	14600	12900	13600	10300	3750	9030	11500	2070	6390	1060	546	798
12	19800	13700	15900	9610	5280	8130	13600	6090	9970	938	542	669
13	17300	15000	16000	9700	4970	7530	12000	5220	9840	876	462	630
14	18300	12600	15400	16200	6020	10200	12200	5470	8800	997	581	700
15	19800	10800	14900	16200	7360	10700	11600	2110	6360	920	473	599
16	17200	9310	13100	12700	8790	11300	9990	3210	7210	625	492	543
17	11900	5760	7170	13200	5090	9400	10700	6370	8260	672	478	547
18	12600	5780	8650	12500	3840	8690	7060	2660	4500	591	462	508
19	12700	5000	8160	11600	6340	9180	9880	4060	6700	1110	481	665
20	11800	5140	8730	10300	2760	6760	5670	1350	2360	659	433	515
21	11400	5820	8840	10900	3090	7030	7870	1040	4440	629	485	570
22	10900	4430	8010	15400	8800	11600	8280	2290	5720	667	459	572
23	10500	4790	8390	16100	12200	13600	7820	1520	4050	895	579	718
24	10800	6880	9260	14700	12400	13300	4830	1100	1740	1380	684	975
25	10500	4900	8390	14600	11800	13000	5770	1590	3850	1040	505	705
26	9060	3950	5850	15900	12000	13900	5840	1130	3200	690	497	557
27	7380	4310	5820	17200	12700	15200	5140	796	2560	1280	549	844
28	5420	2600	3320	23300	15000	19900	6080	1430	3970	1490	720	1060
29	5100	2810	3500	24200	17400	20000	5990	1790	4140	1840	1010	1260
30	6210	3200	4600	18900	13300	16200	5470	800	2440	3950	1380	1980
31	8500	4860	7010	---	---	---	3300	650	1420	6140	1830	3710
MONTH	19800	2600	8490	24200	2760	10900	18100	650	7250	6140	422	880

0738165065 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3010	658	1640	---	---	---	---	---	---	953	456	628
2	687	490	555	---	---	---	---	---	---	950	534	702
3	1130	562	882	---	---	---	---	---	---	843	451	583
4	1060	428	609	---	---	---	---	---	---	792	451	572
5	2560	426	787	---	---	---	---	---	---	557	445	481
6	2560	474	1720	---	---	---	---	---	---	593	412	474
7	1100	458	762	---	---	---	---	---	---	1060	472	623
8	1190	440	701	---	---	---	---	---	---	1880	507	1170
9	1410	520	1000	---	---	---	---	---	---	1280	672	984
10	---	---	---	---	---	---	---	---	---	685	462	579
11	---	---	---	---	---	---	---	---	---	4040	414	1540
12	---	---	---	---	---	---	---	---	---	5350	759	1910
13	---	---	---	---	---	---	---	---	---	2850	1210	2310
14	---	---	---	---	---	---	---	---	---	1210	462	780
15	---	---	---	---	---	---	---	---	---	3580	703	1340
16	---	---	---	---	---	---	---	---	---	1940	625	933
17	---	---	---	---	---	---	---	---	---	1760	560	1010
18	---	---	---	---	---	---	---	---	---	1260	511	803
19	---	---	---	---	---	---	---	---	---	1190	423	684
20	---	---	---	---	---	---	---	---	---	1180	397	676
21	---	---	---	---	---	---	---	---	---	643	354	501
22	---	---	---	---	---	---	---	---	---	541	347	446
23	---	---	---	---	---	---	---	---	---	1640	394	805
24	---	---	---	---	---	---	459	374	406	1650	469	1030
25	---	---	---	---	---	---	468	390	430	2310	424	803
26	---	---	---	---	---	---	557	369	427	2230	549	1130
27	---	---	---	---	---	---	813	355	458	3160	595	1540
28	---	---	---	---	---	---	1050	710	935	2800	846	1860
29	---	---	---	---	---	---	850	559	753	1920	823	1690
30	---	---	---	---	---	---	946	496	726	1990	953	1630
31	---	---	---	---	---	---	---	---	---	2550	737	1430
MONTH	---	---	---	---	---	---	---	---	---	5350	347	1020

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2500	699	1320	447	373	394	1110	544	823	5510	1500	3150
2	2490	622	1100	386	371	378	1070	432	831	6580	1860	3670
3	969	478	581	389	365	375	1530	472	994	6240	3670	5000
4	683	425	473	389	375	381	1990	868	1270	9530	5180	6610
5	4740	404	1740	457	386	406	1470	818	1260	9080	6610	7420
6	3570	609	1960	418	367	397	1600	1240	1410	9970	7080	8530
7	2170	520	1350	775	367	514	2330	1440	1580	16200	8080	11400
8	949	497	735	1090	391	631	2330	1590	1900	18100	11800	15800
9	719	429	555	1000	429	744	5070	1190	2270	16600	10800	14100
10	2100	405	687	833	517	736	7120	2280	3730	15600	9000	12500
11	1740	787	1310	966	555	781	7990	3010	4770	14000	7470	11300
12	1530	526	843	1170	788	906	8030	4470	5550	12500	5870	9600
13	1320	527	879	1100	829	913	5340	3140	4210	10700	6100	9400
14	1240	531	869	939	617	827	4100	2900	3760	11200	9060	10200
15	1140	469	762	857	457	670	4790	3180	3810	11100	6800	9680
16	971	478	695	502	429	453	5320	2190	4060	9500	5390	8350
17	761	407	519	591	437	486	4910	1900	3400	8840	4310	6990
18	534	391	433	879	473	597	4700	2070	3580	8140	3520	5760
19	460	360	381	944	472	701	4680	1620	3300	12800	3950	7220
20	399	356	378	962	460	748	6120	1410	3570	9960	7510	8980
21	509	368	409	1140	487	844	4350	1420	3470	9950	8780	9520
22	741	372	484	---	---	---	4240	1660	2860	14000	8870	11500
23	580	379	477	---	---	---	3100	1220	2370	11700	6550	9850
24	662	417	509	1350	592	1020	2680	1140	2190	11200	7550	9240
25	879	396	567	1320	736	1130	2940	1570	2450	8090	2880	4920
26	879	467	671	1150	737	1050	2900	1030	2030	9070	4860	6530
27	724	404	517	1160	612	1010	2920	713	1560	9120	4470	7530
28	789	482	606	1320	798	1030	2920	812	1530	8340	5120	7320
29	789	411	507	894	553	795	2570	721	1400	9390	2230	5980
30	477	389	426	911	547	734	2520	1220	1690	8770	2920	5660
31	---	---	---	891	510	653	5010	1500	2630	---	---	---
MONTH	4740	356	758	---	---	---	8030	432	2590	18100	1500	8460

0738165065 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.3	21.8	23.1	22.6	19.6	20.9	18.5	15.7	17.2	9.2	6.4	7.8
2	25.1	22.2	23.7	23.9	21.2	22.6	19.1	16.8	17.9	6.4	4.9	5.4
3	25.4	23.2	24.3	24.2	21.9	23.2	19.9	17.4	18.7	6.2	3.8	4.9
4	25.1	23.8	24.7	23.9	21.4	22.7	20.8	18.6	19.7	6.7	4.3	5.6
5	26.3	24.3	25.1	22.1	19.3	20.8	22.4	20.1	21.1	8.1	5.8	6.9
6	26.0	22.5	24.8	21.7	19.3	20.4	22.6	21.0	21.8	11.4	7.3	8.5
7	23.4	20.5	22.0	22.6	19.8	21.1	22.9	21.6	22.2	9.8	7.7	9.1
8	24.2	20.9	22.3	23.5	20.4	21.8	23.7	21.3	22.7	10.3	7.6	9.1
9	24.6	22.5	23.4	23.1	21.3	22.1	21.3	17.9	19.3	12.6	8.2	10.3
10	24.1	23.8	23.9	22.8	20.8	21.7	18.3	16.7	17.7	14.2	10.5	12.2
11	25.3	23.7	24.3	22.8	21.3	22.1	17.7	16.3	17.0	15.8	13.1	14.2
12	26.2	24.4	25.2	22.9	21.0	21.9	19.6	17.0	18.3	15.4	14.4	14.9
13	25.8	23.3	24.8	22.2	20.6	21.6	21.9	19.3	20.3	14.4	12.4	13.4
14	23.5	20.5	22.4	21.9	20.3	21.3	20.7	18.3	19.4	14.3	13.4	13.8
15	24.0	21.9	22.9	22.0	20.0	21.1	19.5	17.4	18.8	14.1	11.8	13.1
16	23.2	20.6	22.1	21.6	19.4	20.7	21.9	19.4	20.6	14.7	12.1	13.3
17	20.7	17.5	18.6	21.5	18.7	20.3	21.7	19.9	21.2	16.1	13.8	14.8
18	20.0	16.6	18.3	22.0	19.4	20.9	19.9	17.4	18.5	18.2	15.5	16.6
19	22.2	17.9	19.8	22.7	20.5	21.5	18.7	16.8	17.7	19.6	16.2	18.3
20	23.8	20.2	21.6	21.5	19.0	20.5	17.4	14.9	15.5	16.2	13.9	14.6
21	25.4	21.7	23.2	19.0	16.9	18.1	15.8	14.0	15.2	16.9	14.1	15.4
22	26.1	23.8	24.8	17.8	17.1	17.4	17.5	14.9	16.2	18.4	16.0	17.1
23	27.2	24.4	25.7	20.8	17.6	18.9	17.5	16.1	17.2	21.6	18.4	20.0
24	28.0	25.3	26.4	22.2	19.9	20.9	16.1	13.3	14.3	23.4	20.9	21.9
25	26.9	23.6	25.2	21.6	19.6	20.4	14.0	11.5	12.3	22.3	17.4	18.9
26	23.6	20.8	21.9	22.7	20.0	21.2	11.8	9.5	10.6	17.5	15.2	16.4
27	21.4	18.8	19.9	23.7	22.0	22.8	11.4	8.9	10.0	17.9	15.3	16.7
28	18.8	16.4	17.6	24.3	22.7	23.5	12.8	10.2	11.4	20.5	17.7	18.9
29	18.2	15.5	16.8	23.7	19.5	21.8	14.2	11.7	12.9	22.9	19.6	21.2
30	19.0	16.1	17.6	19.5	15.2	17.0	13.4	11.1	12.2	24.1	21.4	22.8
31	21.0	17.6	19.1	---	---	---	11.7	9.2	10.3	24.8	22.0	23.4
MONTH	28.0	15.5	22.4	24.3	15.2	21.0	23.7	8.9	17.0	24.8	3.8	14.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.9	16.6	19.2	---	---	---	---	---	---	27.8	25.8	27.0
2	16.6	14.0	14.9	---	---	---	---	---	---	28.5	26.2	27.5
3	15.4	14.1	14.6	---	---	---	---	---	---	29.1	27.0	28.0
4	15.0	13.4	14.1	---	---	---	---	---	---	29.6	27.2	28.4
5	13.4	10.9	12.3	---	---	---	---	---	---	31.1	28.3	29.5
6	11.2	10.2	10.8	---	---	---	---	---	---	29.9	28.2	28.9
7	10.6	7.6	9.7	---	---	---	---	---	---	30.1	27.7	28.7
8	10.9	9.3	9.9	---	---	---	---	---	---	28.8	27.2	28.2
9	13.9	9.2	11.1	---	---	---	---	---	---	30.3	27.4	28.7
10	---	---	---	---	---	---	---	---	---	30.4	28.4	29.4
11	---	---	---	---	---	---	---	---	---	29.5	27.7	28.6
12	---	---	---	---	---	---	---	---	---	28.9	27.2	28.1
13	---	---	---	---	---	---	---	---	---	28.3	25.5	27.5
14	---	---	---	---	---	---	---	---	---	25.5	22.3	23.6
15	---	---	---	---	---	---	---	---	---	25.6	21.3	23.9
16	---	---	---	---	---	---	---	---	---	26.0	24.1	24.7
17	---	---	---	---	---	---	---	---	---	27.5	26.1	26.8
18	---	---	---	---	---	---	---	---	---	26.1	22.6	24.3
19	---	---	---	---	---	---	---	---	---	22.6	19.6	21.3
20	---	---	---	---	---	---	---	---	---	22.9	19.7	21.4
21	---	---	---	---	---	---	---	---	---	24.3	21.1	22.8
22	---	---	---	---	---	---	---	---	---	25.2	22.2	23.4
23	---	---	---	---	---	---	---	---	---	24.9	22.0	23.4
24	---	---	---	---	---	---	29.1	27.0	27.9	26.1	23.0	24.8
25	---	---	---	---	---	---	29.7	26.9	28.1	28.4	25.2	26.6
26	---	---	---	---	---	---	29.0	26.9	28.0	29.0	26.2	27.5
27	---	---	---	---	---	---	28.4	26.7	27.5	29.5	26.8	28.1
28	---	---	---	---	---	---	28.8	26.4	27.5	30.2	26.6	28.3
29	---	---	---	---	---	---	29.2	26.9	28.1	29.8	27.2	28.5
30	---	---	---	---	---	---	28.5	26.8	27.7	29.3	27.2	28.2
31	---	---	---	---	---	---	---	---	---	29.0	26.8	28.0
MONTH	---	---	---	---	---	---	---	---	---	31.1	19.6	26.6

0738165065 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.1	27.4	28.6	31.9	29.4	30.4	---	---	---	30.5	29.1	29.8
2	32.0	28.0	29.4	31.4	30.2	30.7	---	---	---	29.6	28.1	28.8
3	31.3	28.8	29.9	32.2	29.8	30.8	---	---	---	28.1	27.3	27.6
4	32.2	29.0	30.3	32.9	29.7	31.2	---	---	---	27.6	26.4	26.9
5	30.1	28.7	29.2	32.6	30.4	31.5	---	---	---	26.4	26.0	26.2
6	30.6	28.0	29.2	32.3	30.5	31.5	---	---	---	26.4	26.0	26.2
7	31.1	29.4	30.1	32.4	30.6	31.5	---	---	---	26.2	25.3	25.7
8	32.0	29.5	30.7	31.7	30.0	30.7	---	---	---	25.4	24.9	25.2
9	31.2	29.9	30.5	30.8	29.1	30.0	---	---	---	27.0	25.2	25.9
10	29.9	28.3	29.2	30.6	29.4	30.0	---	---	---	29.0	26.5	27.4
11	30.1	27.7	28.8	33.1	29.1	30.4	---	---	---	31.0	28.0	29.2
12	31.1	28.3	29.5	32.1	30.1	31.0	---	---	---	31.0	28.6	29.9
13	32.1	28.9	30.3	31.1	29.7	30.6	---	---	---	30.6	29.4	30.0
14	31.6	29.3	30.6	31.4	29.2	30.2	---	---	---	31.7	29.0	30.1
15	31.0	28.8	29.9	31.7	29.4	30.5	---	---	---	30.8	29.6	30.2
16	29.8	28.2	28.8	33.3	30.4	31.8	---	---	---	31.2	29.1	30.0
17	29.2	26.8	27.8	34.4	31.3	32.6	---	---	---	30.2	29.0	29.7
18	29.9	27.6	28.5	34.6	31.5	32.9	---	---	---	30.9	28.9	29.8
19	30.1	28.2	29.1	34.9	32.1	33.3	---	---	---	30.3	28.9	29.6
20	30.7	28.5	29.6	35.0	32.2	33.5	---	---	---	30.4	28.6	29.4
21	30.9	28.5	29.7	35.0	32.3	33.4	---	---	---	31.3	29.1	30.0
22	29.9	28.4	29.1	---	---	---	---	---	---	31.6	29.7	30.3
23	28.9	26.9	28.0	---	---	---	---	---	---	29.7	27.6	28.5
24	30.0	27.1	28.6	33.4	31.0	32.1	---	---	---	27.8	24.8	26.3
25	30.9	28.2	29.7	31.9	30.0	30.9	---	---	---	24.8	23.9	24.1
26	30.1	28.1	29.0	30.9	28.9	29.9	---	---	---	23.9	22.8	23.2
27	28.5	27.3	27.8	32.5	29.4	30.9	---	---	---	26.2	22.5	24.0
28	28.9	26.9	27.9	33.1	30.3	31.7	---	---	---	27.4	24.6	25.8
29	30.6	28.1	29.2	---	---	---	32.4	29.8	30.9	28.4	25.8	27.0
30	30.8	28.9	29.8	---	---	---	31.9	29.2	30.6	28.4	26.8	27.6
31	---	---	---	---	---	---	31.0	29.6	30.3	---	---	---
MONTH	32.2	26.8	29.3	---	---	---	---	---	---	31.7	22.5	27.8

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA

LOCATION.--Lat 29°20'18", long 90°57'08", Terrebonne Parish, Hydrologic Unit 08090302.

WATER-STAGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1999 to September 2000 (discharge and elevation), October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Records good. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.40 ft, Oct. 13, 2001; minimum, -1.20 ft, Dec. 22, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.40 ft, Oct. 13; minimum, -0.40 ft, May 19.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.35	0.78	1.14	1.83	0.83	1.37	1.98	0.59	1.34	---	---	---
2	1.26	0.78	0.98	1.95	0.84	1.43	1.95	0.39	1.19	---	---	---
3	1.32	0.72	1.02	2.02	0.83	1.51	1.78	0.43	1.15	---	---	---
4	1.40	0.69	1.11	2.06	0.63	1.41	1.88	0.58	1.28	---	---	---
5	1.60	0.87	1.30	1.81	0.52	1.25	2.12	0.96	1.57	---	---	---
6	1.67	0.41	1.04	1.96	0.67	1.37	1.90	0.75	1.36	---	---	---
7	1.42	0.56	1.04	1.75	0.58	1.20	1.79	0.87	1.37	---	---	---
8	1.67	0.69	1.22	1.87	0.82	1.42	1.81	0.99	1.47	---	---	---
9	2.01	1.19	1.64	1.80	0.51	1.19	1.61	0.78	1.15	---	---	---
10	2.41	1.56	2.02	1.48	0.64	1.08	1.81	1.21	1.58	---	---	---
11	2.72	1.41	2.16	1.44	1.11	1.29	2.24	0.94	1.54	---	---	---
12	2.27	1.80	2.02	1.49	0.84	1.23	2.38	1.33	1.92	---	---	---
13	3.40	2.20	2.80	1.64	0.74	1.28	2.87	1.10	2.02	---	---	---
14	2.33	1.20	1.57	1.76	0.75	1.36	2.87	0.36	1.74	---	---	---
15	2.15	1.27	1.77	1.96	0.69	1.39	2.77	0.55	1.82	---	---	---
16	1.81	0.47	1.14	1.96	0.61	1.31	3.00	1.53	2.31	---	---	---
17	1.58	0.38	0.88	1.64	0.24	0.99	3.09	-0.10	2.02	---	---	---
18	1.65	0.59	1.21	1.56	0.14	0.88	2.41	0.59	1.66	---	---	---
19	1.65	0.39	1.10	1.64	0.27	0.96	2.51	0.51	1.73	---	---	---
20	1.78	0.56	1.25	1.36	-0.06	0.68	2.02	0.69	1.28	---	---	---
21	1.92	0.63	1.32	1.49	0.46	0.95	2.10	1.46	1.81	---	---	---
22	1.82	0.65	1.27	1.89	1.10	1.43	2.45	2.04	2.26	---	---	---
23	1.94	0.92	1.48	1.98	1.38	1.67	2.45	1.39	1.90	---	---	---
24	2.00	1.18	1.63	2.22	1.38	1.88	2.22	0.88	1.69	---	---	---
25	1.89	0.59	1.23	1.71	1.00	1.31	2.26	1.14	1.86	---	---	---
26	1.34	0.83	1.08	1.72	1.24	1.48	1.93	0.98	1.45	---	---	---
27	1.35	0.53	0.98	1.97	1.08	1.54	2.32	0.20	1.36	---	---	---
28	0.93	0.55	0.74	2.51	1.42	1.93	2.65	0.46	1.83	---	---	---
29	1.00	0.48	0.78	2.60	1.50	1.97	---	---	---	---	---	---
30	1.44	0.57	1.06	1.98	0.50	1.27	---	---	---	---	---	---
31	1.49	0.89	1.26	---	---	---	---	---	---	---	---	---
MONTH	3.40	0.38	1.33	2.60	-0.06	1.33	---	---	---	---	---	---

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	2.17	0.78	1.52
2	---	---	---	---	---	---	---	---	---	1.90	0.99	1.53
3	---	---	---	---	---	---	---	---	---	1.95	1.03	1.54
4	---	---	---	---	---	---	---	---	---	1.62	0.84	1.23
5	---	---	---	---	---	---	---	---	---	1.46	0.62	1.10
6	---	---	---	---	---	---	---	---	---	1.62	1.21	1.44
7	---	---	---	---	---	---	---	---	---	1.63	1.38	1.49
8	---	---	---	---	---	---	---	---	---	1.98	1.40	1.72
9	---	---	---	---	---	---	---	---	---	1.88	0.86	1.52
10	---	---	---	---	---	---	---	---	---	1.66	0.92	1.33
11	---	---	---	---	---	---	---	---	---	2.03	1.00	1.59
12	---	---	---	---	---	---	---	---	---	2.19	0.98	1.70
13	---	---	---	---	---	---	---	---	---	1.76	0.27	1.34
14	---	---	---	---	---	---	---	---	---	1.50	-0.23	0.75
15	---	---	---	---	---	---	---	---	---	1.81	0.41	1.19
16	---	---	---	---	---	---	---	---	---	1.81	0.53	1.40
17	---	---	---	---	---	---	---	---	---	1.95	0.65	1.30
18	---	---	---	---	---	---	---	---	---	1.03	0.29	0.73
19	---	---	---	---	---	---	---	---	---	1.31	-0.40	0.56
20	---	---	---	---	---	---	---	---	---	1.30	0.14	0.81
21	---	---	---	---	---	---	---	---	---	1.28	0.43	0.94
22	---	---	---	---	---	---	---	---	---	1.24	0.54	0.93
23	---	---	---	---	---	---	1.40	0.51	1.05	1.53	0.70	1.22
24	---	---	---	---	---	---	1.49	0.86	1.23	1.53	0.64	1.23
25	---	---	---	---	---	---	1.49	0.60	1.06	1.80	0.67	1.36
26	---	---	---	---	---	---	1.44	0.68	1.19	1.82	0.66	1.39
27	---	---	---	---	---	---	2.26	0.75	1.71	2.04	0.64	1.47
28	---	---	---	---	---	---	1.98	0.76	1.59	2.05	0.72	1.48
29	---	---	---	---	---	---	1.78	0.64	1.34	2.02	0.67	1.46
30	---	---	---	---	---	---	1.90	0.66	1.43	2.06	0.77	1.52
31	---	---	---	---	---	---	---	---	---	2.14	0.95	1.58
MONTH	---	---	---	---	---	---	---	---	---	2.19	-0.40	1.30

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.86	0.92	1.49	1.45	0.75	1.14	1.23	0.49	0.89	1.65	0.61	1.14
2	1.71	1.04	1.44	1.33	0.76	1.06	1.15	0.47	0.85	1.78	0.92	1.37
3	1.80	1.15	1.50	1.19	0.66	0.98	1.45	0.58	1.09	2.20	0.82	1.64
4	1.65	1.35	1.49	1.19	0.44	0.89	1.60	0.49	1.15	2.27	0.92	1.65
5	2.06	1.33	1.74	1.07	0.04	0.66	1.79	0.62	1.29	2.21	0.96	1.70
6	1.65	0.96	1.42	1.02	0.18	0.69	1.94	0.61	1.38	2.18	1.13	1.75
7	1.73	0.76	1.40	1.52	0.25	1.00	1.94	0.57	1.40	2.41	1.13	2.05
8	1.86	0.72	1.43	1.55	0.32	1.09	1.78	0.52	1.25	2.44	1.84	2.17
9	1.76	0.72	1.32	1.83	0.37	1.23	2.05	0.49	1.48	2.19	1.74	1.98
10	2.35	0.79	1.75	1.78	0.34	1.15	2.14	0.97	1.66	2.09	1.54	1.86
11	2.06	0.84	1.59	1.92	0.43	1.32	2.10	1.17	1.79	2.12	1.19	1.69
12	2.10	0.75	1.51	1.83	0.65	1.36	1.87	1.40	1.69	1.95	0.92	1.50
13	1.97	0.73	1.43	1.65	0.57	1.23	1.77	1.31	1.48	2.07	1.05	1.61
14	1.75	0.61	1.28	1.53	0.53	1.10	1.70	1.01	1.43	2.41	1.16	1.85
15	1.75	0.17	1.07	1.32	0.64	0.97	1.97	1.24	1.60	1.99	0.67	1.44
16	1.66	0.63	1.31	1.29	0.54	0.91	1.85	0.88	1.46	1.76	0.77	1.36
17	1.56	1.15	1.32	1.31	0.47	0.89	1.98	0.79	1.47	1.72	0.73	1.29
18	1.54	0.95	1.22	0.97	0.12	0.68	1.91	0.73	1.42	1.77	0.91	1.41
19	1.70	1.11	1.44	1.17	0.13	0.75	1.89	0.62	1.39	1.96	1.03	1.63
20	1.51	0.63	1.24	1.36	0.08	0.84	1.84	0.63	1.35	2.09	1.16	1.73
21	1.55	0.45	1.12	1.39	0.0	0.87	1.83	0.63	1.35	2.00	1.16	1.62
22	1.71	0.52	1.25	1.50	0.01	0.90	1.73	0.72	1.33	1.93	1.43	1.70
23	1.99	0.56	1.45	1.50	0.12	0.93	1.64	0.70	1.25	1.94	1.34	1.64
24	2.09	0.71	1.53	1.58	0.12	0.99	1.58	0.71	1.26	1.81	1.32	1.57
25	2.20	0.81	1.62	1.50	0.31	0.95	1.37	0.87	1.19	1.64	0.83	1.27
26	2.21	0.92	1.62	1.42	0.34	0.98	1.34	0.76	1.10	1.85	1.10	1.50
27	2.33	0.79	1.68	1.44	0.39	1.04	1.37	0.88	1.06	2.13	1.31	1.78
28	2.06	0.88	1.53	1.28	0.63	1.02	1.43	0.60	1.00	2.27	1.13	1.74
29	1.84	0.96	1.41	1.30	0.70	1.08	1.27	0.70	0.99	2.01	0.79	1.41
30	1.68	0.89	1.32	1.40	0.74	1.03	1.48	0.64	1.08	2.11	1.05	1.61
31	---	---	---	1.22	0.57	0.90	1.58	0.55	1.10	---	---	---
MONTH	2.35	0.17	1.43	1.92	0.00	0.99	2.14	0.47	1.30	2.44	0.61	1.62

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2000 to current year.

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

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 41,000 microseimens/cm, Nov. 6, 2000; minimum, 427 microseimens/cm, July 15, 2001.
WATER TEMPERATURE: Maxmimum, 35.5°C, July 20, 2002; minimum 2.5°C, Jan. 4, 2001.

EXTREMES FOR 2001 WATER YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 41,000 microsiemens/cm, Nov. 6; minimum, 427 microsiemens/cm, July 15.
WATER TEMPERATURE: Maximum, 33.9°C, July 31; minimum, 2.5°C, Jan. 4.

EXTREMES FOR 2002 WATER YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 28,800 microsiemens/cm, Nov. 29; minimum, 435 microsiemens/cm, June 18.
WATER TEMPERATURE: Maximum, 35.5°C, July 20; minimum, 4.0°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	34100	29100	31500	16500	9980	13200	7300	4070	4960
2	---	---	---	35600	27700	31900	15300	7020	10000	4950	4000	4380
3	---	---	---	34200	27700	30900	7620	6720	6990	4650	3850	4210
4	---	---	---	33900	26600	30000	13400	7340	8530	6890	3910	5060
5	---	---	---	33500	26900	30400	15900	7820	11000	7060	3730	5630
6	---	---	---	41000	29800	37000	16200	9150	13000	7720	3500	5730
7	---	---	---	38100	30600	32800	15000	6970	9800	8150	4940	6720
8	---	---	---	39800	38100	38800	16500	8980	13400	7830	4200	5930
9	---	---	---	39700	31700	35200	17800	9380	12900	8380	3260	5090
10	---	---	---	33900	28000	31100	16700	11500	13900	9340	3020	5060
11	---	---	---	34300	27000	31100	18500	13300	15800	---	---	---
12	---	---	---	34200	26200	30700	18900	9050	13900	8160	3510	4930
13	---	---	---	33000	23300	28400	18100	11600	15100	10400	6750	8600
14	23200	18700	21500	24100	20400	21500	23300	9280	15900	13000	7690	10000
15	24700	20000	22500	25700	19900	22600	21800	9830	15900	10600	4010	6210
16	26300	21000	23600	27000	20600	24000	20500	13500	18200	7880	2830	3370
17	26800	22000	24600	27600	16800	21500	13500	5970	7510	12600	3000	8840
18	27100	17900	23800	20300	14900	16800	12700	7960	10900	13400	7520	10500
19	27200	18500	24000	20000	14300	15400	9650	4230	6180	13500	4280	8900
20	26400	20800	24200	22900	13000	17300	8200	4150	5550	4280	2990	3480
21	26100	20500	23500	24100	11800	14400	11500	6740	8600	5580	2630	3350
22	28300	21500	25800	18900	11100	14800	6800	5180	5730	5710	2720	3740
23	30400	22700	26900	20600	11600	16900	12900	6160	7770	7150	2660	4220
24	34000	22700	29500	20700	19600	20300	16200	7840	11900	10700	3070	6820
25	34900	21700	29700	19900	12700	15600	15700	6560	11100	10700	3310	6400
26	35200	25300	31800	17400	11400	14700	21600	9800	14800	10700	6590	9070
27	35300	23300	30700	16700	10800	13800	23600	16100	19500	10800	4890	8200
28	35800	23100	29600	16100	10500	13300	19300	6490	11900	12100	6640	9400
29	36000	27600	31500	17500	10900	13800	10300	5160	6900	15900	11500	13600
30	34700	26600	30500	17400	8370	11500	8580	3970	4750	13300	11400	12100
31	34600	27400	31100	---	---	---	7580	4330	5550	16600	6410	10500
MONTH	---	---	---	41000	8370	23600	23600	3970	11200	---	---	---

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15000	5060	10500	18200	3340	10200	5230	689	2690	16500	4140	10700
2	13900	3680	7210	14000	7070	11300	5380	1030	3170	17100	10200	14400
3	10900	2820	6140	15200	10500	12900	5380	1470	3530	17900	9080	13500
4	10900	3480	6780	13500	4620	7140	3910	943	2470	18900	4510	11700
5	9160	3040	5880	5020	2400	3080	3960	1190	2500	19100	5430	13200
6	9640	3560	6140	5740	1960	3330	3340	1050	2230	20400	4930	13700
7	13200	4750	8560	5650	1810	3240	4670	1210	2850	19000	5320	12700
8	16200	8400	12400	5650	2080	3710	4060	1180	2390	17900	4600	10900
9	18000	12700	16200	7030	1870	4420	5170	1160	2400	18100	4470	12400
10	12700	3940	6680	2980	2050	2520	4560	1150	2590	16500	6640	12200
11	7830	2940	5370	3340	2410	2840	13000	1330	7380	18900	7120	13400
12	16400	4310	10000	6500	2400	4700	13600	4350	8790	19200	7580	14400
13	17600	4040	11600	6970	2130	3300	11300	3720	7160	18700	6260	13300
14	17500	4700	11600	5660	1840	3710	7750	1250	3920	15000	5230	11300
15	17800	5310	12400	8750	3170	5370	3850	1300	2620	16500	5300	12000
16	17700	10500	14400	3170	994	1660	4780	853	2290	13300	6660	10800
17	13600	3630	6920	1960	1140	1440	4780	786	1930	13900	9280	11600
18	10600	2050	4130	1640	1390	1510	1140	740	808	16800	13300	15200
19	14600	4380	8940	1850	1080	1470	5620	898	2300	17200	11900	14500
20	15200	6910	10600	1180	689	958	5650	3170	4290	13800	11600	13000
21	15500	6270	11000	1150	613	871	13700	3370	9300	15700	12700	14700
22	14300	8040	11300	1020	574	789	16500	5220	12300	14300	5200	10500
23	14800	4840	9440	1030	714	867	14600	4620	10900	14400	3440	9580
24	22300	14200	18000	1030	803	906	9230	1350	4800	12900	9200	11600
25	22400	12700	18000	997	567	707	9670	1020	4150	12600	7850	10400
26	23400	8110	14900	1040	733	868	9000	1240	5660	14100	5360	10400
27	20200	7400	12300	1210	930	1060	10000	3610	6940	14200	8150	11700
28	14600	5360	9020	1090	869	982	10700	2980	6590	14100	9710	12200
29	---	---	---	2530	980	1300	12400	3080	7340	13300	9300	11200
30	---	---	---	7480	921	3010	14200	3340	8910	11600	6180	8890
31	---	---	---	7110	824	3710	---	---	---	13200	6890	10500
MONTH	23400	2050	10200	18200	567	3350	16500	689	4840	20400	3440	12100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9660	2660	5700	1130	577	822	3850	896	2190	8060	3740	5920
2	8700	2250	7050	1120	610	861	4140	843	2130	7880	5450	6480
3	8860	6460	7780	2220	648	1350	5900	1390	3590	6040	4460	5350
4	12500	6970	9610	2820	715	1500	17200	2950	12300	5190	3830	4560
5	15900	8420	11700	2630	670	1580	19700	9790	15900	3990	2660	3330
6	18900	12700	15400	4300	585	2110	21500	12600	17700	3190	2050	2590
7	14100	9250	13000	3110	536	1800	20000	17900	18900	4310	3150	3600
8	9580	5110	7050	2520	608	1300	18600	9480	15800	5670	2440	4150
9	6630	3630	4740	1150	520	834	14000	9020	11200	4390	1750	3240
10	7540	3470	4760	1690	461	922	9910	5640	7840	3160	1650	2320
11	6090	2100	3210	905	484	611	9060	3660	6770	2700	1540	1990
12	2100	1750	1960	1440	455	805	8830	3080	6150	3140	1560	2710
13	1950	1660	1770	1040	484	657	7460	2230	4640	4570	2340	3300
14	2640	1470	1860	1060	427	602	5840	2170	3590	15900	2860	10600
15	1510	1210	1360	1060	427	735	6330	2240	4580	19500	7440	16100
16	1340	1120	1240	1150	620	956	5890	3010	4740	15600	12700	14500
17	1310	933	1060	1200	775	1080	5540	3580	4610	13900	10100	12400
18	1300	823	1100	4190	956	1660	6380	2810	4920	15400	9200	12100
19	1190	773	1010	6180	922	3750	6270	3910	5330	15700	10600	13600
20	1110	681	925	5270	1790	3610	5990	3980	5000	14900	5280	9320
21	1040	683	886	5340	1460	3340	5570	3440	4450	13600	9740	12100
22	937	664	835	5930	1350	3810	4780	2780	3810	14000	8990	11800
23	856	543	727	7190	2530	4720	5500	4030	4840	14000	9140	11700
24	993	583	757	9540	4090	6790	5360	3700	4650	14100	6720	11200
25	1310	716	877	9760	5650	7490	6060	3450	4790	8460	3360	5500
26	945	769	841	12000	5250	8560	7380	3470	5320	8480	3440	6220
27	806	656	723	8060	3270	5890	6070	3000	4650	11500	4420	8570
28	752	646	701	6730	1760	4610	5200	2870	4270	13000	5630	11000
29	939	598	745	7050	1480	3910	5700	2560	4210	13500	7100	11300
30	1150	595	844	5280	1140	3240	5600	3340	4360	15200	8120	12300
31	---	---	---	4380	1040	2420	6790	3370	4940	---	---	---
MONTH	18900	543	3670	12000	427	2660	21500	843	6720	19500	1540	8000

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17000	8380	12400	20100	12000	16500	23500	16000	20000	5390	2040	3050
2	17100	8030	12600	21000	15700	18300	22300	14300	18300	2350	1710	2010
3	14600	7110	11000	22100	16800	19500	21500	13300	16900	2080	881	1580
4	15000	8760	12200	23800	14700	19500	21100	13600	17100	1680	1160	1430
5	16200	11600	14300	21000	12000	17100	21800	15800	18600	3000	1680	2140
6	16200	7740	12200	22900	13800	18500	21900	12000	17100	2780	958	1420
7	11800	6320	9410	22700	13100	17100	21900	13400	16700	1470	1120	1250
8	16200	9480	12600	22500	15500	18500	22200	10000	17100	1470	1070	1330
9	18100	12300	15300	23000	11900	17600	17300	7860	10200	1400	895	1100
10	24900	17100	21200	21400	10300	16200	18000	9130	15500	1340	1020	1210
11	27200	19700	24600	22600	13700	19800	16900	7860	11700	1380	953	1250
12	25100	21000	23900	21700	12000	17600	17800	12900	15600	1350	764	1090
13	28300	25100	27200	21100	13700	17100	18400	12900	16100	1510	772	1130
14	26400	14100	21000	20900	15000	17800	17300	10200	14200	1840	910	1380
15	23300	13700	19300	22800	14700	18500	15400	8920	12100	1630	699	1090
16	19700	10700	14000	25000	13900	19500	20600	12500	16100	2110	992	1390
17	12100	9780	10500	23700	12100	17200	21800	10800	17100	1870	776	1190
18	14000	10500	12100	24800	12000	17600	12700	6820	9100	1940	900	1360
19	14000	10000	12200	22700	13800	17900	13800	5670	10500	2240	860	1750
20	15800	10900	13200	20700	9650	15900	8140	4640	5490	1740	921	1250
21	16700	11600	13800	18400	12600	16100	9470	5630	7460	1660	1250	1430
22	16300	11300	13700	21600	16700	19100	11800	6730	10000	1980	1060	1450
23	17100	13300	15100	24200	19800	22200	13000	4520	7450	2950	1530	2000
24	17400	14700	16100	25900	23000	24600	12800	3990	7020	3060	1680	2340
25	15700	10600	13800	24700	15800	20100	13000	5060	9030	2430	1280	1700
26	13500	10100	11400	24500	16600	21700	9230	3530	4580	1900	1120	1330
27	15100	8920	11400	25200	17600	22700	6880	1660	3760	4140	1250	2080
28	9790	8130	8660	27400	23400	25200	6960	3460	5460	5480	2420	3720
29	9910	7950	8670	28800	24600	26600	11700	3280	6200	9880	3360	5590
30	14600	8000	10700	25000	16700	20400	13000	2810	6160	12200	6430	9300
31	16800	11100	14400	---	---	---	9450	2490	4880	12900	9380	11300
MONTH	28300	6320	14500	28800	9650	19200	23500	1660	11900	12900	699	2310

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12700	1550	4690	10400	1610	6450	12500	3080	6870	3760	1140	2450
2	4260	1380	1880	17100	6970	13700	14100	3610	8830	5200	1660	3530
3	9120	1990	5250	10700	1160	4470	12700	4420	8240	4780	1090	3140
4	7800	1030	2840	6320	1090	2520	11900	1740	5200	3320	731	1630
5	4420	1030	1290	3040	734	1880	9120	1330	4150	1260	672	909
6	6350	957	3260	3600	1240	2470	8040	1230	3610	3240	754	1520
7	4200	947	2100	4320	1510	2970	14100	2860	8410	2860	797	1340
8	4980	839	2490	10600	3390	5300	22800	10900	16000	4230	1350	3180
9	6300	1930	4150	11400	3850	7080	16900	4010	9840	4940	1050	3080
10	6430	1720	3780	3850	2260	2650	13000	2400	6110	2290	765	1390
11	3140	930	1430	10800	2600	5480	10100	1500	5150	5240	722	2850
12	3970	913	2540	11900	5080	8730	9880	1030	3460	6020	1640	4080
13	3960	678	2380	6290	2280	3930	5880	852	1660	3890	1000	2830
14	3820	736	1870	7970	5300	6570	7910	756	4220	1400	645	963
15	4320	1680	3170	11400	6940	9320	5850	813	3180	5190	692	3060
16	3860	709	1640	13800	7030	11700	6580	753	3190	4620	1440	3520
17	3430	820	1680	14200	7940	11700	3790	1080	2340	4560	1320	3040
18	3980	878	2440	12500	8060	10800	2770	973	1890	2660	630	1060
19	8040	1960	4440	16100	6850	11300	3070	859	1640	949	590	706
20	9190	4810	6170	18900	10800	15600	2480	778	1540	1060	585	785
21	8860	2650	5740	16600	4760	9670	2770	901	1720	2720	560	1300
22	8210	1480	3900	13300	2670	5690	1650	631	1170	2040	513	1010
23	4640	921	2300	13500	3090	8050	1580	765	1090	2570	646	1840
24	5740	1180	3240	15000	5970	10700	2340	814	1370	3480	642	1760
25	6170	1940	4210	18900	10000	14000	1400	599	888	4450	628	2460
26	7120	875	3250	18900	5280	11700	1850	697	1120	6490	1040	3630
27	2330	632	866	10700	2510	5590	3880	749	2410	8120	1230	4770
28	4080	1080	2150	12100	6830	8850	5980	2120	3800	8530	2350	5390
29	---	---	---	14100	6850	10400	3340	1180	2190	9590	1700	6400
30	---	---	---	14500	5920	10500	3370	845	1970	8800	2970	6360
31	---	---	---	15500	6900	11300	---	---	---	8440	2540	5590
MONTH	12700	632	3040	18900	734	8100	22800	599	4110	9590	513	2760

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6970	1830	4720	781	525	630	3290	996	2000	9510	4240	6760
2	6520	1820	4130	615	509	549	2520	852	1640	14800	4280	9690
3	5140	1050	2590	568	503	526	3150	1160	2460	16800	7160	13500
4	2270	659	1190	567	469	521	3120	1690	2510	18500	9890	15500
5	5820	662	3100	604	461	526	4950	1690	3300	19100	12200	16900
6	6600	554	1750	639	501	547	7240	2430	5190	19200	13400	17200
7	7810	524	4400	683	501	601	7520	3000	5540	21400	15300	19200
8	5880	576	3700	800	543	636	6980	3300	5270	22700	19300	21400
9	4510	652	2210	1690	583	950	7980	3070	5940	24900	13800	19200
10	5680	543	3380	6140	617	3910	9880	4870	7200	23500	11100	17100
11	3980	1570	2930	8170	2120	4990	12500	5920	9610	22300	10300	16500
12	4960	720	2730	5930	3240	4850	10800	7790	9580	20300	8810	14800
13	5640	586	2650	5280	2960	4300	10400	5420	7080	19500	10800	15100
14	2620	524	1290	3890	2450	3290	8940	4150	6280	19700	14000	17200
15	2120	444	981	2820	1120	2170	10600	4080	7740	19000	10000	15800
16	1260	545	1030	2050	958	1370	12000	3760	7810	16800	9740	13700
17	1150	442	580	1880	826	1260	11300	3950	8080	15000	9050	12100
18	733	435	502	1570	586	1040	10400	3940	7110	15400	8850	12800
19	576	452	529	1990	589	1410	11200	3680	6970	17600	10100	14700
20	618	478	526	2260	713	1580	10300	3460	7810	19100	13200	16900
21	621	478	531	2520	892	1780	10300	3980	7460	16500	12900	14900
22	598	500	543	3740	961	2240	9220	4280	6900	18000	12000	14700
23	846	495	600	3800	1170	2510	8280	3540	5960	15300	10400	12400
24	2230	524	1150	5850	1360	3760	9230	3360	6810	14700	8240	11400
25	4980	637	2350	5740	2020	3950	9470	3830	6660	8760	7830	8260
26	4810	968	2480	5370	1990	3740	9120	3030	5750	9300	7630	8270
27	4740	660	2380	4940	2110	3660	8000	2480	4400	12000	7660	9330
28	3380	863	1930	3890	2540	3410	7480	2880	4990	13200	9330	10700
29	1620	610	1090	4430	2170	3300	8750	3460	6230	13300	8790	10800
30	1140	559	799	4600	1920	3010	8630	4320	6730	11300	9490	10300
31	---	---	---	3050	1250	2040	8810	4230	6650	---	---	---
MONTH	7810	435	1960	8170	461	2230	12500	852	6050	24900	4240	13900

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.8	22.9	24.1	26.1	24.7	25.3	15.9	15.2	15.6	6.6	5.3	5.8
2	27.3	24.5	25.6	25.6	24.5	24.9	15.7	12.6	14.9	5.3	3.4	4.5
3	27.6	25.0	26.2	25.2	24.2	24.6	12.6	10.3	11.2	4.2	2.9	3.5
4	27.8	25.5	26.5	24.2	23.7	23.9	10.9	9.4	10.1	5.4	2.5	4.0
5	29.2	26.3	27.6	24.6	23.6	24.0	11.4	9.1	10.4	7.5	4.6	5.9
6	29.2	27.1	28.1	24.0	23.3	23.6	12.3	10.1	11.2	9.7	6.8	7.9
7	27.1	21.4	24.4	24.2	22.5	23.3	12.1	10.5	11.3	10.8	8.2	9.5
8	21.4	14.8	17.4	24.6	23.7	24.2	13.0	11.6	12.2	12.2	10.1	11.0
9	14.8	12.4	13.2	24.1	20.0	21.7	15.2	12.0	13.2	11.7	9.6	10.6
10	15.0	12.1	13.4	20.0	17.6	18.6	15.8	13.6	14.7	10.5	8.7	9.7
11	16.3	13.5	14.7	18.2	16.5	17.2	17.5	14.7	16.0	12.8	10.0	11.3
12	---	---	---	17.6	15.4	16.6	16.4	13.1	15.0	11.8	10.9	11.3
13	---	---	---	17.6	16.5	17.2	14.7	12.4	13.6	11.2	10.3	10.8
14	22.0	18.7	20.1	16.6	13.8	14.8	15.7	14.2	14.8	13.4	10.8	12.0
15	24.1	20.1	21.6	14.3	12.7	13.8	14.5	13.3	14.0	13.6	12.8	13.3
16	25.5	21.7	23.3	15.4	14.1	14.9	18.4	14.5	15.8	13.2	11.6	12.3
17	26.5	23.2	24.6	15.4	13.4	14.7	15.1	11.1	12.6	13.9	11.7	12.7
18	26.1	23.7	24.8	13.4	10.7	11.7	12.0	10.2	10.9	15.8	13.7	14.7
19	25.6	23.0	24.2	10.9	10.1	10.5	11.4	8.3	9.7	15.4	11.4	13.9
20	25.5	23.2	24.3	12.9	9.6	11.3	8.7	6.4	8.0	11.4	9.2	10.2
21	25.2	24.0	24.6	12.7	10.1	11.3	9.9	8.4	9.1	10.4	7.9	9.2
22	25.6	24.2	24.8	13.0	9.9	11.5	8.8	6.5	7.6	11.2	8.6	9.7
23	25.2	24.2	24.6	13.7	11.7	12.6	8.6	6.3	7.6	11.4	9.1	10.3
24	25.1	23.2	24.2	14.6	12.8	13.8	11.1	8.3	9.5	11.4	9.7	10.6
25	24.5	22.4	23.6	16.0	14.4	15.1	11.9	9.6	10.6	13.0	9.6	11.2
26	24.9	22.8	23.9	16.3	14.2	15.2	13.0	9.9	11.2	13.0	11.2	12.1
27	25.6	23.3	24.4	17.0	14.4	15.5	13.8	12.2	13.0	15.1	12.5	13.7
28	26.0	23.5	24.8	16.5	14.8	15.8	13.0	9.4	10.9	16.5	13.6	14.9
29	26.4	24.0	25.1	18.4	15.3	16.8	10.2	7.8	9.2	16.0	15.0	15.4
30	26.3	24.2	25.3	17.3	15.9	16.6	9.5	6.6	8.0	16.5	14.4	15.4
31	26.4	24.4	25.3	---	---	---	7.3	5.8	6.6	16.4	15.7	16.1
MONTH	---	---	---	26.1	9.6	17.4	18.4	5.8	11.6	16.5	2.5	10.8

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.7	13.7	14.5	25.3	23.6	24.6	21.4	19.2	20.3	24.1	22.6	23.3
2	13.7	11.8	12.2	24.8	23.7	24.3	22.1	20.0	21.1	25.3	22.7	24.0
3	11.9	10.0	10.6	24.4	21.9	23.5	24.4	21.4	22.9	25.4	23.3	24.4
4	12.3	8.8	10.5	22.0	17.6	19.2	26.2	23.7	24.8	25.5	24.1	24.8
5	13.5	10.4	11.8	18.6	16.1	17.5	26.9	24.6	25.6	25.4	23.7	24.3
6	15.2	11.7	13.3	18.6	16.1	17.4	26.5	24.9	25.6	26.5	23.9	25.1
7	17.5	13.6	15.1	17.7	15.0	16.5	26.2	24.5	25.4	26.8	24.7	25.8
8	19.8	15.7	17.3	18.9	15.8	17.4	26.7	24.8	25.7	27.4	24.8	26.0
9	20.7	17.9	19.2	18.9	17.3	18.0	27.6	25.3	26.4	27.4	25.1	26.4
10	19.3	16.1	17.2	18.2	15.5	16.9	27.6	25.9	26.8	27.1	25.2	26.3
11	16.3	14.1	15.1	19.1	16.6	17.8	26.8	25.3	26.0	27.2	25.0	26.3
12	17.3	14.7	15.8	21.2	18.5	19.7	27.3	25.1	26.2	28.1	25.9	26.8
13	19.0	17.3	18.2	22.5	20.0	21.2	28.0	25.9	26.9	28.3	26.4	27.4
14	21.3	19.0	20.4	22.0	19.6	20.9	29.0	26.5	27.8	29.5	27.1	28.2
15	23.2	21.0	22.2	21.3	18.2	19.8	28.7	26.7	27.8	29.6	27.4	28.5
16	23.3	20.4	22.5	20.3	17.8	19.2	28.5	26.8	27.5	29.3	26.9	28.2
17	20.4	15.3	16.9	18.7	14.2	16.3	26.9	21.8	25.2	28.6	26.9	27.8
18	15.3	12.4	14.0	14.8	13.0	13.8	21.8	17.5	19.1	28.1	26.4	27.3
19	16.8	12.8	14.8	16.3	13.5	15.0	21.1	17.6	19.3	28.8	26.4	27.6
20	19.6	15.5	17.3	16.5	14.6	15.6	22.5	19.5	20.8	28.6	26.9	27.8
21	21.7	17.6	19.7	16.9	13.8	15.5	23.8	21.3	22.6	28.4	26.4	27.3
22	22.5	20.0	20.9	19.6	15.7	17.3	24.7	22.3	23.5	27.5	25.2	26.5
23	20.8	19.0	19.6	20.5	17.4	18.8	25.8	23.4	24.4	26.5	23.4	25.2
24	21.6	19.1	20.2	20.9	18.6	19.8	25.1	22.0	24.2	27.8	24.2	25.8
25	22.3	20.8	21.4	20.8	18.1	19.4	22.7	20.2	21.4	28.6	25.7	27.1
26	23.2	21.0	22.0	18.1	15.2	16.5	22.6	20.3	21.5	28.7	26.6	27.7
27	24.7	22.4	23.4	17.1	15.3	15.9	23.7	21.0	22.4	28.8	26.9	27.9
28	25.4	23.6	24.4	15.6	13.0	14.1	23.3	22.1	22.7	28.4	26.9	27.7
29	---	---	---	16.4	13.3	14.7	23.6	22.0	22.8	29.9	26.7	28.3
30	---	---	---	18.5	15.4	16.5	23.9	22.3	23.1	31.1	28.1	29.4
31	---	---	---	20.2	17.6	18.7	---	---	---	30.0	28.7	29.4
MONTH	25.4	8.8	17.5	25.3	13.0	18.1	29.0	17.5	24.0	31.1	22.6	26.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.0	27.9	29.1	31.3	29.2	30.1	32.3	30.4	31.6	29.7	28.2	28.9
2	31.2	28.7	29.9	30.3	28.7	29.4	31.1	29.2	30.1	29.8	28.6	29.1
3	31.1	28.9	29.9	31.1	28.2	29.4	30.5	28.5	29.5	30.8	28.7	29.7
4	30.1	28.4	29.3	32.4	29.8	31.0	31.0	29.1	30.1	32.0	29.4	30.6
5	29.2	27.0	28.0	31.5	29.8	30.8	31.1	29.6	30.4	31.6	29.9	30.8
6	27.0	24.9	25.8	29.8	28.5	29.3	31.6	29.4	30.5	31.6	29.7	30.8
7	25.9	24.8	25.3	30.9	28.0	29.3	31.0	29.5	30.2	31.1	30.0	30.5
8	26.8	25.4	25.9	31.9	29.5	30.7	29.8	28.4	29.0	30.3	28.2	29.1
9	26.0	25.2	25.5	33.1	30.5	31.6	29.8	27.7	28.6	28.2	27.0	27.7
10	25.5	24.4	24.8	32.9	30.7	31.8	31.2	28.7	29.8	30.5	26.5	28.1
11	27.2	23.9	25.3	31.8	30.4	31.1	30.5	29.0	29.7	30.8	28.5	29.5
12	29.9	25.9	27.5	31.1	29.6	30.2	29.2	28.1	28.7	30.4	28.3	29.2
13	30.0	27.1	28.6	31.2	28.6	29.7	28.8	27.0	27.9	29.9	28.2	29.0
14	29.5	28.0	28.7	31.6	29.7	30.5	29.5	26.5	27.9	29.3	27.6	28.3
15	30.7	27.2	28.9	33.0	29.1	30.8	31.5	28.3	29.7	29.8	27.3	28.5
16	33.4	28.6	30.4	31.6	30.1	30.8	31.7	29.6	30.4	29.7	27.9	28.9
17	32.2	28.7	30.1	32.5	29.6	30.7	32.5	29.7	30.9	30.3	28.4	29.2
18	30.8	29.2	30.0	33.1	30.1	31.2	32.3	30.2	31.1	29.8	27.9	28.7
19	30.4	28.5	29.4	32.5	30.0	31.1	32.0	30.2	31.1	29.2	27.7	28.4
20	31.0	28.4	29.6	32.1	30.4	31.3	32.1	30.3	31.0	31.6	28.4	29.6
21	30.8	29.1	30.0	32.6	30.2	31.4	32.5	29.8	30.9	29.6	28.9	29.3
22	30.6	28.4	29.6	32.0	30.1	31.1	33.0	30.8	31.6	30.6	28.4	29.3
23	30.8	28.2	29.5	32.1	30.0	31.0	32.1	30.1	30.9	29.4	28.1	28.8
24	29.7	27.9	28.9	32.4	30.2	31.2	31.9	29.4	30.6	29.4	27.7	28.4
25	29.2	27.5	28.4	31.0	29.1	30.0	32.6	29.5	30.8	27.8	24.1	25.2
26	29.1	28.1	28.6	29.1	27.3	28.1	31.4	29.8	30.5	24.4	22.8	23.5
27	29.0	27.6	28.5	29.7	27.0	28.2	31.1	29.7	30.2	24.6	22.8	23.5
28	32.4	27.3	29.1	31.6	28.4	29.8	31.0	29.3	29.9	24.2	22.4	23.3
29	31.0	28.9	29.8	32.6	29.9	30.9	29.7	27.6	28.8	24.1	21.8	23.1
30	31.1	28.9	29.9	33.1	30.1	31.4	28.2	27.2	27.7	23.7	21.9	23.2
31	---	---	---	33.9	30.8	32.0	29.2	27.4	28.3	---	---	---
MONTH	33.4	23.9	28.5	33.9	27.0	30.5	33.0	26.5	29.9	32.0	21.8	28.1

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.2	22.0	23.0	21.8	19.1	20.1	18.3	16.2	17.4	9.5	6.2	7.9
2	25.4	22.6	23.9	23.5	20.3	21.7	18.9	16.8	18.0	6.4	5.3	5.8
3	25.7	23.5	24.4	23.6	21.4	22.5	19.8	17.3	18.6	6.5	4.2	5.4
4	25.1	23.7	24.5	23.5	21.4	22.4	20.5	18.1	19.3	6.9	4.0	5.5
5	26.3	24.2	24.9	22.0	19.5	20.7	21.9	19.4	20.6	7.6	5.7	6.6
6	25.5	23.2	24.7	21.5	19.4	20.6	22.4	20.5	21.3	10.4	7.4	9.1
7	23.2	20.8	21.8	22.6	19.9	21.3	22.8	20.9	21.8	9.9	8.0	9.1
8	23.6	21.3	22.4	23.7	21.0	22.1	23.5	21.0	22.3	9.7	6.9	8.4
9	24.5	22.5	23.4	23.2	21.5	22.3	21.0	18.3	19.1	11.4	7.8	9.6
10	24.1	23.7	23.9	22.8	20.5	21.8	18.5	16.7	17.8	13.1	10.3	11.6
11	25.4	23.8	24.4	23.2	21.7	22.4	17.9	16.3	17.1	14.8	11.9	13.4
12	26.0	24.6	25.2	23.2	21.1	22.3	19.2	17.3	18.1	14.8	13.9	14.5
13	25.6	23.5	24.8	22.6	20.6	21.8	21.0	18.9	19.8	13.9	12.7	13.4
14	23.5	21.2	22.5	21.8	20.6	21.3	20.1	18.8	19.4	14.4	13.4	13.7
15	23.6	21.9	22.8	21.8	20.2	21.2	19.6	17.5	18.7	14.0	12.1	13.2
16	23.1	19.9	22.0	21.6	19.6	20.9	22.0	19.3	20.4	14.5	12.1	13.4
17	19.9	17.3	18.4	21.4	18.6	20.5	21.4	20.3	21.0	16.2	13.7	14.8
18	19.7	16.7	18.3	21.9	19.4	20.8	20.3	17.8	18.8	18.3	15.1	16.6
19	21.8	18.0	19.5	22.9	20.1	21.5	18.8	16.6	17.9	19.4	16.4	17.6
20	23.0	19.7	21.0	21.5	19.3	20.4	16.6	14.7	15.6	16.4	13.3	14.2
21	24.3	21.0	22.5	19.3	17.3	18.3	15.9	13.9	15.1	16.9	14.2	15.4
22	25.4	22.8	24.0	18.2	17.6	17.9	17.6	15.2	16.0	17.8	16.1	16.9
23	26.6	23.5	24.9	20.4	18.1	19.1	17.6	16.0	17.2	20.1	17.6	19.0
24	27.3	24.9	26.0	21.6	19.8	20.6	16.0	13.2	14.1	21.8	19.6	20.8
25	26.4	23.3	25.1	21.2	19.5	20.3	14.1	11.5	12.2	21.1	17.6	19.0
26	23.3	20.2	21.6	22.2	20.1	21.2	11.6	9.9	10.8	17.6	15.1	16.2
27	20.2	18.1	19.4	23.4	21.8	22.4	11.5	9.2	10.2	17.5	15.3	16.4
28	18.1	15.6	16.8	23.6	22.4	22.9	12.5	10.3	11.2	20.1	17.4	18.5
29	17.3	15.0	16.3	23.0	18.6	21.5	14.1	11.6	12.5	22.7	19.4	20.6
30	18.6	16.1	17.3	18.6	16.8	17.4	12.8	11.2	12.1	23.6	20.7	21.8
31	20.3	17.4	18.7	---	---	---	11.6	9.5	10.4	24.1	21.6	22.7
MONTH	27.3	15.0	22.2	23.7	16.8	21.0	23.5	9.2	16.9	24.1	4.0	13.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.4	15.7	19.1	12.0	10.1	11.2	23.9	21.6	22.3	28.1	26.0	27.2
2	15.7	13.2	14.1	13.8	11.9	12.5	23.9	20.9	22.4	28.4	26.2	27.4
3	15.8	13.8	14.8	13.8	7.5	10.3	25.5	23.5	24.4	29.1	27.0	28.0
4	15.0	13.7	14.2	8.2	6.1	7.2	23.8	19.4	20.9	29.7	27.2	28.5
5	13.7	11.0	12.0	9.8	7.0	8.5	19.8	17.5	18.7	30.7	28.4	29.5
6	11.1	10.2	10.9	11.8	9.4	10.8	19.4	17.4	18.4	29.6	27.7	28.9
7	10.6	8.9	9.8	15.0	11.8	13.4	20.7	17.4	19.1	29.7	27.2	28.4
8	10.4	9.1	9.6	16.8	13.7	15.6	21.6	19.9	20.6	29.6	27.2	28.2
9	12.6	9.1	10.7	19.5	16.7	18.1	22.2	19.5	20.5	30.3	27.1	28.5
10	14.9	12.0	13.3	18.6	14.1	15.7	23.3	20.9	22.1	30.7	28.2	29.1
11	13.9	11.4	12.5	16.3	13.8	15.3	23.7	22.5	23.0	29.7	28.0	28.9
12	13.4	10.9	12.2	19.8	15.9	17.5	25.1	22.6	23.7	29.6	27.4	28.4
13	14.2	12.4	13.1	19.0	16.2	17.5	25.1	23.6	24.3	28.5	25.7	27.8
14	14.4	11.8	13.2	19.1	16.8	17.9	26.5	23.0	24.5	25.7	22.7	23.6
15	14.2	13.0	13.5	22.2	18.3	20.2	26.6	24.4	25.5	25.0	22.5	24.0
16	16.0	13.9	14.8	23.5	21.2	22.5	26.5	25.1	25.9	25.7	24.0	25.1
17	16.8	14.4	15.4	25.3	23.4	24.3	27.1	25.5	26.2	27.3	26.2	26.7
18	17.2	15.2	16.1	26.2	24.1	25.1	28.2	25.7	26.9	26.4	22.2	24.7
19	18.0	16.2	17.0	26.2	24.5	25.4	28.4	26.1	27.2	22.2	19.9	21.1
20	19.3	17.6	18.4	25.6	24.4	24.9	28.1	26.3	27.2	22.0	19.6	20.9
21	19.7	17.8	18.8	24.5	20.3	22.6	28.2	26.0	27.1	23.5	20.9	22.2
22	19.0	15.1	17.0	20.3	16.4	17.7	28.6	26.3	27.5	24.2	21.9	23.0
23	15.1	12.2	13.6	17.3	14.7	16.2	29.1	27.1	28.1	25.0	22.1	23.5
24	15.7	12.6	14.1	18.5	15.9	17.3	29.2	26.7	27.9	26.0	23.6	24.8
25	18.5	14.5	16.2	21.1	17.9	19.4	29.5	27.0	28.1	28.0	24.9	26.3
26	17.4	13.3	16.4	22.7	20.5	21.6	29.1	27.2	28.0	28.5	26.2	27.3
27	13.3	9.1	10.8	20.6	17.3	19.1	28.2	26.7	27.6	28.7	26.9	27.8
28	11.9	8.6	10.3	21.4	18.5	20.0	28.6	26.4	27.4	28.5	27.0	27.8
29	---	---	---	23.3	20.8	22.1	29.0	26.9	28.0	29.8	27.1	28.4
30	---	---	---	24.3	22.5	23.4	28.7	26.9	27.8	28.7	27.3	28.0
31	---	---	---	25.3	23.1	24.1	---	---	---	28.7	26.7	27.8
MONTH	23.4	8.6	14.0	26.2	6.1	18.0	29.5	17.4	24.7	30.7	19.6	26.5

0738165067 BAYOU RACCOURCI NEAR THERIOT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.6	27.5	28.5	31.3	29.4	30.3	30.1	29.0	29.6	30.4	29.0	29.6
2	30.4	28.1	29.2	31.0	30.1	30.5	31.8	28.9	30.1	29.3	28.2	28.7
3	31.0	28.6	29.8	30.9	29.4	30.1	31.6	29.1	30.2	28.2	27.4	27.7
4	31.4	29.1	30.2	33.1	29.4	30.9	31.4	29.5	30.3	27.4	26.6	27.1
5	30.8	29.0	29.5	32.4	30.8	31.6	31.6	29.2	30.2	26.7	26.4	26.6
6	30.2	28.4	29.1	32.9	30.6	31.5	30.6	29.1	29.8	26.7	26.2	26.5
7	31.7	29.4	30.2	32.6	30.7	31.5	32.3	29.4	30.7	26.4	25.7	26.0
8	32.9	29.7	31.2	31.5	29.9	30.7	33.1	30.8	31.8	25.8	25.2	25.5
9	32.2	30.1	31.2	31.2	29.3	30.2	31.9	29.7	31.1	27.2	25.3	26.0
10	30.1	29.0	29.6	30.7	29.0	30.1	29.7	28.3	29.0	28.6	26.6	27.4
11	30.6	28.1	29.2	31.5	29.1	30.3	28.6	27.7	28.1	30.7	27.3	28.8
12	30.3	28.4	29.3	32.2	29.8	31.0	28.0	27.2	27.7	30.9	28.7	29.7
13	31.3	29.0	30.1	30.9	29.7	30.5	28.5	26.8	27.7	30.7	28.8	29.6
14	31.8	29.7	30.8	30.8	29.1	29.9	28.3	27.5	27.8	31.3	28.9	29.9
15	30.8	28.7	29.7	31.7	29.0	30.0	28.9	27.0	27.7	30.6	29.5	30.0
16	29.9	28.4	28.8	32.7	29.9	31.2	30.8	28.0	29.2	30.8	29.0	29.8
17	30.2	26.9	28.2	34.2	31.1	32.3	32.4	29.4	30.6	30.5	29.1	29.7
18	29.2	27.4	28.1	34.7	32.3	33.0	33.2	30.4	31.6	31.1	29.1	30.0
19	29.9	27.9	28.7	35.3	31.7	33.1	32.2	31.1	31.6	30.7	29.1	29.8
20	30.8	28.6	29.4	35.5	32.1	33.4	32.2	30.3	31.1	30.3	28.7	29.5
21	30.7	28.4	29.4	34.9	32.2	33.3	32.0	29.7	30.8	30.8	29.4	30.1
22	29.6	28.3	29.1	32.5	30.9	31.8	31.6	29.9	30.7	30.6	29.2	30.1
23	28.7	27.1	27.9	33.5	30.0	31.4	31.5	29.5	30.5	29.2	27.4	28.2
24	29.7	26.9	28.2	32.7	30.9	31.7	31.9	29.7	30.8	27.5	24.8	26.3
25	30.6	28.0	29.3	31.4	29.6	30.7	32.4	30.5	31.3	24.8	24.0	24.3
26	29.9	28.1	29.0	31.4	28.9	30.0	31.8	30.4	31.1	24.1	23.1	23.4
27	28.6	27.4	28.0	32.6	29.8	31.2	32.4	29.6	30.7	24.9	22.8	23.7
28	29.3	27.2	28.1	33.4	30.4	31.6	32.4	30.0	31.0	27.3	24.5	25.8
29	30.2	28.2	29.1	32.3	30.3	31.0	32.1	29.6	30.8	28.3	25.4	26.7
30	30.5	29.1	29.7	30.3	29.3	29.9	31.5	29.4	30.4	28.0	26.8	27.4
31	---	---	---	30.3	29.0	29.7	30.8	29.2	30.0	---	---	---
MONTH	32.9	26.9	29.3	35.5	28.9	31.1	33.2	26.8	30.1	31.3	22.8	27.8

07381670 GULF INTRACOASTAL WATERWAY AT BAYOU SALE RIDGE NEAR FRANKLIN, LA

LOCATION.--Lat 29°40'51", long 91°28'14", T. 16 S., R. 10 E., Sec. 4, St. Mary Parish, Hydrologic Unit 08080102, at State Highway 317 bridge, eight miles south of Franklin and five miles west of Wax Lake Outlet.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1999 to January 2000 (discharge measurements only), January 2000 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records poor. Reverse flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 19,900 ft^3/s, Jun. 9, 10, 2002; maximum elevation, 4.28 ft, June 6, 2001; maximum negative discharge, -3,470 ft^3/s, Nov. 9, 2000; minimum elevation, -0.63 ft, Oct. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19,900 ft^3/s, June 9, 10;maximum gage height, 4.06 ft, Oct. 13; maximum negative discharge, -2,320 ft^3/s, Sept. 20; minimum gage height, -0.08 ft, Nov. 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4030	5850	6030	16000	9380	10100	14600	14400	17700	9750	4750	4640
2	3610	5940	5820	16400	11100	8820	15000	14000	17700	9130	5290	5050
3	3830	6270	6200	16300	11300	8370	15100	14100	17700	8710	5200	4770
4	3420	6480	6430	16100	12000	9380	16000	14000	17700	8320	5480	4090
5	3470	7420	7020	14900	12500	8730	16300	14400	17900	8440	5680	4260
6	4720	6610	8110	14300	12800	8670	16600	14400	17900	8480	6690	3720
7	5220	6350	9200	14600	13600	8320	16600	14200	18100	7720	5790	4910
8	4100	5910	9500	14500	14400	8480	16800	14200	18000	7390	5010	3120
9	4030	5990	11100	13700	14200	7040	16900	14000	18200	6970	5540	3030
10	4020	5670	11000	13100	14000	8420	16500	14400	18200	7140	4580	2950
11	3910	5320	11400	12200	15200	8070	16700	14800	17700	7130	3880	3290
12	2990	5160	11000	11500	15300	6820	16900	14600	17100	6910	2100	4040
13	5790	5200	11300	11300	15100	8110	17100	14700	16500	6580	2110	4680
14	2550	4480	11400	10200	15200	8090	17300	15600	16200	7760	2590	4230
15	4810	4180	11800	9940	14600	7530	17300	15500	16000	6300	2800	3560
16	4190	3810	11700	9280	14100	7760	17300	---	15700	6020	3200	3370
17	6220	4470	10700	8710	14100	8080	17600	---	15300	5760	3240	3220
18	5550	4600	12000	8230	13600	8390	17500	15800	14700	5750	3670	3500
19	5200	3560	11800	7270	12800	8570	17500	16600	14000	5970	4110	2630
20	5630	4660	12800	8160	11800	8610	17100	16600	13500	6180	4730	1130
21	5430	4790	12900	7140	12000	8850	16800	16600	13200	6430	4050	2740
22	5710	3840	13000	7170	11700	10300	16400	16500	13100	6730	3980	3110
23	5820	3410	13300	6900	12000	10600	16300	16500	12800	6530	3740	4980
24	6040	2750	14300	6870	11800	11000	15900	16600	12400	6000	4230	5150
25	6300	3210	14300	7500	11000	11600	15600	16800	12200	5830	4050	3820
26	6910	1730	14600	8430	9730	11500	15500	17100	11800	5400	4340	7050
27	6510	2580	15700	7690	10300	12900	15200	17300	11700	5410	4160	6080
28	6330	4980	15700	7270	11200	13000	14600	17300	11100	4740	4900	5680
29	5700	3950	15600	7600	---	13500	14700	17600	10300	4520	4820	4530
30	5970	5890	16100	8410	---	14100	14700	17900	9970	4450	4900	4980
31	5560	---	16200	8810	---	13900	---	17700	---	4700	4360	---
TOTAL	153570	145060	358010	330480	356810	297610	488400	---	454370	207150	133970	122310

07381670 GULF INTRACOASTAL WATERWAY AT BAYOU SALE RIDGE NEAR FRANKLIN, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.41	1.71	1.74	2.71	1.56	2.28	2.73	3.37	3.70	2.34	1.38	1.65
2	1.32	1.82	1.66	2.61	1.52	2.60	2.92	3.35	3.68	2.18	1.28	1.82
3	1.43	1.90	1.58	2.50	1.92	1.59	2.90	3.28	3.67	2.05	1.53	2.26
4	1.53	1.72	1.69	2.49	1.83	1.40	2.74	3.17	3.68	1.88	1.67	2.20
5	1.68	1.49	1.92	2.83	1.89	1.46	2.77	3.02	3.76	1.65	1.86	2.28
6	1.05	1.72	1.86	2.66	2.19	1.61	2.86	3.14	3.75	1.49	1.90	2.43
7	1.27	1.56	1.91	2.29	2.02	1.70	3.09	3.20	3.70	1.83	1.92	2.56
8	1.60	1.76	1.93	2.26	2.25	1.94	3.41	3.35	3.69	1.81	1.82	2.78
9	1.92	1.54	1.62	2.16	2.55	1.86	3.63	3.35	3.65	1.95	1.95	2.58
10	2.44	1.45	1.91	2.12	2.51	1.18	3.48	3.17	3.78	1.85	2.18	2.37
11	2.60	1.51	2.03	2.14	2.32	1.76	3.49	3.30	3.80	2.00	2.32	2.20
12	2.32	1.47	2.35	1.96	2.49	1.83	3.49	3.44	3.68	2.02	2.28	1.85
13	3.19	1.59	2.41	1.88	2.52	1.35	3.44	3.34	3.55	1.81	2.08	1.98
14	1.89	1.66	2.31	1.95	2.46	1.85	3.46	3.00	3.40	1.90	2.14	2.37
15	2.25	1.75	2.35	1.66	2.58	1.91	3.45	3.17	3.22	1.74	2.21	2.00
16	1.64	1.63	2.60	1.76	2.40	1.91	3.45	---	3.26	1.65	1.99	1.82
17	1.36	1.29	2.63	1.59	2.27	1.94	3.44	---	3.22	1.61	2.04	1.77
18	1.69	1.14	2.19	1.45	2.34	1.95	3.42	3.08	3.04	1.41	1.96	1.95
19	1.60	1.18	2.29	1.40	2.53	2.01	3.39	2.89	3.05	1.39	1.91	2.24
20	1.64	0.68	2.00	1.22	2.60	2.33	3.34	3.01	2.95	1.48	1.89	2.33
21	1.75	1.03	2.31	1.38	2.47	1.63	3.37	3.10	2.79	1.50	1.83	2.02
22	1.68	1.63	2.58	1.44	2.22	1.42	3.26	3.17	2.77	1.63	1.80	1.93
23	1.89	1.80	2.55	1.54	2.06	1.87	3.15	3.30	2.84	1.57	1.73	1.96
24	2.06	2.03	2.40	1.62	2.15	2.21	3.21	3.35	2.85	1.58	1.76	1.77
25	1.65	1.40	2.58	1.02	2.34	2.40	3.17	3.41	2.91	1.53	1.63	1.23
26	1.40	1.68	2.51	1.23	1.92	2.36	3.08	3.46	2.93	1.59	1.50	1.31
27	1.36	1.73	2.51	1.56	1.30	2.26	3.39	3.54	2.98	1.70	1.46	2.04
28	1.17	2.12	2.88	1.65	1.78	2.57	3.45	3.60	2.87	1.67	1.37	2.26
29	1.32	2.18	2.95	1.76	---	2.67	3.23	3.62	2.75	1.68	1.34	1.99
30	1.48	1.50	2.83	1.89	---	2.81	3.21	3.68	2.58	1.65	1.59	2.19
31	1.67	---	2.82	2.12	---	2.90	---	3.71	---	1.52	1.60	---
MAX	3.19	2.18	2.95	2.83	2.60	2.90	3.63	---	3.80	2.34	2.32	2.78
MIN	1.05	0.68	1.58	1.02	1.30	1.18	2.73	---	2.58	1.39	1.28	1.23

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA

LOCATION.--Lat 31°00'00", long 92°22'46", in NW ¼ SW ¼ sec.4, T.1 S., R.1 E., Louisiana Meridian, Evangeline Parish, Hydrologic Unit 08080102, near right bank on downstream side of bridge on U.S. Highway 167, 1,000 ft downstream from Cocodrie Lake dam, 1.0 mi downstream from Chicago, Rock Island and Pacific Railroad Company bridge, 1.5 mi east of Clearwater, 4.0 mi south of Meeker, and 5.0 mi downstream from Hurricane Creek.

DRAINAGE AREA.--240 mi^2.

PERIOD OF RECORD.--May 1922 to January 1925 (published as "near Meeker"), October 1937 to current year. Monthly discharge only for October 1937 published in WSP 1311.

REVISED RECORDS.--WSP 1211: 1938, drainage area. WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above NGVD of 1929 (levels by Corps of Engineers) and 39.57 ft above sea level (levels by Louisiana Department of Transportation and Development). See WSP 1731 for history of changes prior to Mar. 28, 1940. January to September 1985, auxiliary nonrecording gage 6.6 mi downstream from base gage at datum 35.10 ft above sea level.

REMARKS.--Records good. Slight regulation at low flow by Cocodrie Lake. Reverse flow: Nov. 13-15, 1922.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	269	1790	1010	562	415	783	166	177	174	185	53
2	71	245	1770	977	550	734	746	150	172	163	172	50
3	63	220	1690	948	551	873	689	134	158	167	157	47
4	56	196	1620	919	517	906	621	125	140	164	142	47
5	53	170	1550	894	491	893	554	123	125	153	125	52
6	62	156	1490	874	589	869	496	118	115	140	123	52
7	64	143	1450	849	703	844	449	103	103	126	118	53
8	62	131	1400	823	759	815	586	91	95	114	106	64
9	57	121	1370	796	751	785	859	81	89	100	95	73
10	54	112	1330	766	718	743	948	71	83	92	84	70
11	63	104	1300	729	659	685	960	62	81	85	76	65
12	90	98	1270	684	590	626	941	55	81	89	74	53
13	223	92	1260	618	526	564	914	49	103	88	73	48
14	650	85	1280	549	470	512	884	46	92	88	82	45
15	933	75	1300	489	425	468	853	54	80	84	106	42
16	966	70	1300	438	384	432	820	61	70	89	138	39
17	946	67	1300	395	351	400	786	62	69	105	162	44
18	917	64	1310	358	321	370	746	69	62	114	169	52
19	887	60	1300	347	305	343	686	66	54	112	175	53
20	855	56	1270	360	477	325	604	63	51	111	168	93
21	823	51	1240	382	577	309	528	59	62	99	152	154
22	790	48	1210	388	633	287	462	53	62	89	136	208
23	754	49	1210	381	e620	275	408	50	58	85	125	215
24	707	51	1220	400	e570	263	362	47	57	82	115	201
25	631	41	1200	525	515	254	323	46	84	96	104	189
26	548	36	1180	702	469	666	287	49	88	132	95	194
27	478	431	1150	757	421	833	256	82	103	201	86	190
28	418	1020	1120	736	378	868	231	99	141	233	78	179
29	369	1340	1090	691	---	860	207	104	175	228	70	167
30	330	1630	1060	623	---	836	185	112	180	212	63	156
31	297	---	1040	567	---	812	---	151	---	196	57	---
TOTAL	13297	7231	41070	19975	14882	18865	18174	2601	3010	4011	3611	2948
MEAN	428.9	241.0	1325	644.4	531.5	608.5	605.8	83.90	100.3	129.4	116.5	98.27
MAX	966	1630	1790	1010	759	906	960	166	180	233	185	215
MIN	53	36	1040	347	305	254	185	46	51	82	57	39
AC-FT	26370	14340	81460	39620	29520	37420	36050	5160	5970	7960	7160	5850
CFSM	1.79	1.00	5.52	2.68	2.21	2.54	2.52	0.35	0.42	0.54	0.49	0.41
IN.	2.06	1.12	6.37	3.10	2.31	2.92	2.82	0.40	0.47	0.62	0.56	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2002, BY WATER YEAR (WY)

MEAN	191.4	299.5	522.0	640.1	673.1	641.0	609.0	534.2	326.1	266.5	218.7	191.0
MAX	1174	1979	1738	1780	1379	1287	1672	4052	1175	1921	943	698
(WY)	1985	1986	1983	1983	1974	1997	1995	1953	1989	1989	1975	1979
MIN	15.6	49.5	66.4	103	65.1	110	118	54.0	57.4	63.1	39.6	56.6
(WY)	2000	2000	1925	1981	2000	2000	1963	2001	1960	1960	2000	2000

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1923 - 2002	
ANNUAL TOTAL	153029		149675			
ANNUAL MEAN	419.3		410.1		427.9	
HIGHEST ANNUAL MEAN					720	1983
LOWEST ANNUAL MEAN					113	2000
HIGHEST DAILY MEAN	1790	Dec 1	1790	Dec 1	25000	May 19 1953
LOWEST DAILY MEAN	26	May 20	36	Nov 26	a0.00	Nov 13 1922
ANNUAL SEVEN-DAY MINIMUM	30	Aug 22	46	Sep 12	7.7	Nov 25 1999
MAXIMUM PEAK FLOW			1810	Dec 1	28200	May 18 1953
MAXIMUM PEAK STAGE			19.42	Dec 1	26.72	May 18 1953
INSTANTANEOUS LOW FLOW			b36	Nov 26	cd0.80	Nov 25 1999
INSTANTANEOUS LOW STAGE			4.38	Sep 16	*	
ANNUAL RUNOFF (AC-FT)	303500		296900		310000	
ANNUAL RUNOFF (CFSM)	1.75		1.71		1.78	
ANNUAL RUNOFF (INCHES)	23.72		23.20		24.22	
10 PERCENT EXCEEDS	970		970		971	
50 PERCENT EXCEEDS	249		201		269	
90 PERCENT EXCEEDS	50		57		84	

a Reverse flow Nov. 13-15, 1922, probably caused by heavy rains in basin below station.
b Also occurred on Nov. 27
c Regulated flow
d Also occurred on Nov. 26, 1999.
e Estimated
* Not determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.20	8.13	19.37	15.08	11.31	9.80	12.89	6.77	7.03	6.97	6.63	4.67
2	5.03	7.82	19.34	14.85	11.19	12.83	12.54	6.53	6.95	6.79	6.44	4.60
3	4.87	7.49	19.13	14.62	11.20	14.00	11.99	6.30	6.76	6.83	6.22	4.54
4	4.74	7.15	18.89	14.39	10.87	14.26	11.33	6.15	6.49	6.77	5.97	4.54
5	4.68	6.78	18.64	14.19	10.62	14.14	10.70	6.13	6.25	6.58	5.71	4.66
6	4.85	6.56	18.41	14.03	11.56	13.94	10.13	6.05	6.08	6.37	5.68	4.66
7	4.88	6.36	18.18	13.83	12.59	13.71	9.66	5.80	5.88	6.13	5.59	4.67
8	4.84	6.16	17.95	13.62	13.07	13.46	11.05	5.58	5.73	5.90	5.39	4.88
9	4.75	6.00	17.72	13.39	13.01	13.19	13.73	5.41	5.64	5.65	5.19	5.06
10	4.69	5.85	17.47	13.13	12.72	12.80	14.58	5.21	5.53	5.49	5.00	5.01
11	4.87	5.71	17.23	12.82	12.20	12.26	14.72	5.03	5.49	5.35	4.85	4.90
12	5.38	5.60	17.00	12.42	11.57	11.70	14.56	4.91	5.48	5.39	4.80	4.68
13	7.42	5.50	16.93	11.82	10.96	11.09	14.35	4.79	5.88	5.37	4.78	4.58
14	12.04	5.38	17.13	11.18	10.40	10.56	14.11	4.73	5.68	5.35	4.97	4.50
15	14.50	5.18	17.24	10.59	9.94	10.10	13.86	4.88	5.46	5.26	5.42	4.44
16	14.76	5.09	17.23	10.07	9.51	9.71	13.59	5.02	5.27	5.32	5.98	4.39
17	14.61	5.02	17.26	9.62	9.13	9.36	13.30	5.06	5.25	5.58	6.36	4.49
18	14.38	4.97	17.30	9.21	8.78	9.02	12.96	5.19	5.11	5.71	6.49	4.66
19	14.13	4.89	17.22	9.08	8.58	8.69	12.44	5.15	4.95	5.67	6.61	4.67
20	13.88	4.81	17.03	9.23	10.47	8.45	11.70	5.08	4.88	5.62	6.52	5.44
21	13.61	4.72	16.81	9.49	11.45	8.23	10.97	5.00	5.11	5.41	6.29	6.46
22	13.34	4.65	16.60	9.55	11.96	7.95	10.32	4.91	5.10	5.20	6.07	7.26
23	13.03	4.67	16.63	9.48	---	7.77	9.76	4.84	5.02	5.12	5.91	7.36
24	12.63	4.72	16.64	9.67	---	7.61	9.27	4.78	5.01	5.04	5.75	7.17
25	11.95	4.50	16.56	10.94	10.85	7.46	8.82	4.76	5.53	5.26	5.59	7.00
26	11.17	4.42	16.38	12.58	10.40	11.79	8.38	4.82	5.63	5.86	5.45	7.07
27	10.48	9.39	16.16	13.06	9.90	13.37	8.00	5.48	5.88	6.88	5.31	7.01
28	9.86	15.15	15.96	12.88	9.44	13.67	7.67	5.79	6.49	7.33	5.16	6.84
29	9.34	17.52	15.75	12.48	---	13.59	7.35	5.89	6.99	7.26	5.00	6.67
30	8.89	18.93	15.52	11.88	---	13.38	7.05	6.01	7.07	7.02	4.86	6.50
31	8.49	---	15.30	11.35	---	13.16	---	6.65	---	6.79	4.76	---
MAX	14.76	18.93	19.37	15.08	13.07	14.26	14.72	6.77	7.07	7.33	6.63	7.36
MIN	4.68	4.42	15.30	9.08	8.58	7.46	7.05	4.73	4.88	5.04	4.76	4.39

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA

LOCATION.--Lat 30°37'05", long 92°03'20", in SW ¼ NW ¼ sec. 81, T. 5 S., R. 4 E., Louisiana Meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 10 at Washington, 0.2 mi upstream from Southern Pacific Transportation Company bridge, 1.2 mi upstream from Bayou Carron, 3.5 mi downstream from confluence of Bayou Cocodrie and Bayou Boeuf, and 6.0 mi north of Opelousas.

DRAINAGE AREA.--715 mi^2. See REMARKS.

PERIOD OF RECORD.--July 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Aug. 23, 1948, nonrecording gage at same site and datum. Water-stage recorder for Bayou Courtableau near Washington (station 07382495) used as auxiliary gage for this station since Feb. 28, 1949. Prior to Feb. 28, 1949, auxiliary nonrecording gage 3.5 mi upstream from base at same datum.

REMARKS--Records good except below 100 cfs, which are poor. Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 mi^2 in Bayou Rapides basin into Bayou Boeuf when stage of Red River makes it necessary to close gates at mouth of Bayou Rapides. In extreme floods, considerable flow bypasses the station.

AVERAGE DISCHARGE.--56 years, 1,093 ft^3/s, 791,878 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,490 ft^3/s, May 21, 1953; maximum elevation, 35.29 ft, May 22, 1953; no flows at times; maximum negative discharge, -307 ft^3/s, June 6, 2001; minimum elevation, 10.72 ft, Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,120 ft^3/s, Dec. 6; maximum gage height, 26.32 ft, Dec. 1, 2; minimum gage height 17.62 ft, Feb, 19, no flow at fitmes during year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e90	271	4360	1420	1260	738	2030	241	516	295	370	109
2	e80	266	4670	1310	1590	2830	1850	200	417	296	295	128
3	e70	230	4890	1240	1550	3170	1650	209	334	273	293	110
4	e75	229	4980	1150	1320	3260	1400	171	298	232	260	87
5	e90	163	5020	1110	1100	3270	1170	178	233	247	216	89
6	e85	148	5040	1280	1840	3040	990	182	231	220	191	104
7	e80	120	5000	1280	2590	2580	829	166	198	169	190	100
8	e75	115	4910	1230	2490	1930	1440	138	194	152	189	121
9	e70	124	4850	1150	2180	1440	3140	157	206	164	177	184
10	e65	87	4720	1060	1840	1190	3340	78	300	147	123	140
11	e300	86	4540	1000	1500	1040	3480	88	278	171	109	120
12	611	102	4280	957	1210	1020	3590	92	188	170	78	104
13	1240	61	3980	1030	1010	1020	3560	138	108	110	86	95
14	2700	72	4010	901	852	930	3370	49	152	129	119	76
15	2950	e90	4020	762	733	775	2970	99	100	201	212	82
16	3100	e85	4070	680	647	626	2400	53	103	194	316	71
17	3200	e80	4070	673	571	530	1760	287	93	184	333	77
18	e3250	e75	4100	689	497	620	1400	88	85	160	269	123
19	e3200	e70	4050	1100	459	797	1200	139	74	106	249	171
20	e3100	e65	3950	2180	1340	732	1030	35	108	101	273	e300
21	e3000	e60	3790	1780	2070	663	762	60	80	99	206	e450
22	e2900	e75	3510	1350	1860	668	552	105	68	123	199	e700
23	e2400	e65	2960	1040	1640	630	565	96	65	222	247	e900
24	e1800	e200	e2900	955	1380	492	542	100	83	142	207	805
25	e1400	e900	e2700	1910	1140	415	329	97	126	114	230	707
26	e1100	e2500	e2400	2490	844	963	422	117	68	133	168	550
27	e850	e3000	e2300	2420	618	2440	673	353	69	440	142	511
28	e700	3610	2230	2070	533	2690	545	187	276	554	146	456
29	e500	3860	2070	1670	---	2370	413	107	381	486	148	438
30	e450	4060	1770	1390	---	1950	343	380	268	419	118	401
31	365	---	1560	1190	---	1890	---	614	---	386	129	---
TOTAL	39896	20869	117700	40467	36664	46709	47745	5004	5700	6839	6288	8309
MEAN	1287	695.6	3797	1305	1309	1507	1592	161.4	190.0	220.6	202.8	277.0
MAX	3250	4060	5040	2490	2590	3270	3590	614	516	554	370	900
MIN	65	60	1560	673	459	415	329	35	65	99	78	71
AC-FT	79130	41390	233500	80270	72720	92650	94700	9930	11310	13570	12470	16480

e Estimated

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	18.54	26.26	19.58	19.15	19.18	20.93	18.43	18.86	18.60	18.73	18.61
2	---	18.60	26.30	19.51	19.90	23.70	20.43	18.53	18.76	18.51	18.60	18.60
3	---	18.60	26.20	19.36	19.89	24.71	19.88	18.69	18.70	18.46	18.55	18.60
4	---	18.60	26.07	19.14	19.51	24.62	19.59	18.64	18.59	18.55	18.47	18.60
5	---	18.53	25.97	19.00	19.03	23.90	19.41	18.60	18.49	18.65	18.37	18.60
6	---	18.47	25.88	19.18	20.30	22.88	19.09	18.60	18.60	18.56	18.30	18.60
7	---	18.52	25.79	19.64	22.03	21.66	18.96	18.60	18.60	18.42	18.31	18.60
8	---	18.60	25.66	19.57	21.77	20.31	20.98	18.60	18.60	18.43	18.45	18.64
9	---	18.60	25.49	19.34	21.09	19.47	24.86	18.51	18.62	18.55	18.54	18.57
10	---	18.60	25.26	19.09	20.07	19.28	25.36	18.45	18.69	18.52	18.60	18.41
11	18.67	18.60	24.94	18.83	19.49	19.06	25.28	18.57	18.58	18.61	18.60	18.46
12	18.89	18.58	24.50	19.09	19.40	19.25	24.80	18.63	18.47	18.66	18.50	18.50
13	19.78	18.50	24.78	19.23	19.35	19.18	24.16	18.59	18.64	18.43	18.52	18.50
14	23.36	18.50	25.18	19.11	19.12	18.94	23.43	18.43	18.59	18.57	18.41	18.47
15	23.87	---	25.20	19.00	18.87	18.99	22.54	18.63	18.42	18.56	18.37	18.40
16	23.76	---	25.03	18.76	18.79	18.90	21.35	18.70	18.56	18.29	18.52	18.40
17	23.32	---	24.77	18.50	18.56	18.66	20.14	18.64	18.50	18.60	18.61	18.40
18	---	---	24.57	18.33	18.18	18.89	19.51	17.96	18.47	18.47	18.67	18.40
19	---	---	24.35	18.81	17.79	19.01	19.21	18.33	18.54	18.48	18.70	18.48
20	---	---	24.02	21.12	19.46	18.89	19.10	18.58	18.57	18.60	18.58	18.52
21	---	---	23.55	20.66	21.04	18.65	18.90	18.64	18.42	18.60	18.49	---
22	---	---	22.90	19.61	20.61	18.96	18.64	18.70	18.54	18.60	18.66	---
23	---	---	22.42	18.88	20.07	18.89	18.76	18.70	18.60	18.66	18.64	18.94
24	---	---	---	18.84	19.58	18.77	18.75	18.70	18.48	18.60	18.67	18.70
25	---	---	---	20.61	19.26	18.62	18.60	18.57	18.15	18.60	18.66	18.42
26	---	---	---	21.77	18.83	19.26	18.54	18.53	17.86	18.62	18.45	18.10
27	---	---	---	21.62	18.83	21.36	18.77	18.79	18.25	18.78	18.45	18.40
28	---	22.58	---	20.80	18.63	21.75	18.64	18.57	18.55	18.80	18.60	18.60
29	---	25.14	20.75	19.93	---	21.08	18.60	18.58	18.63	18.80	18.67	18.70
30	---	25.88	20.19	19.49	---	20.12	18.55	18.60	18.60	18.73	18.70	18.70
31	18.65	---	19.82	19.02	---	20.28	---	18.93	---	18.70	18.64	---
MAX	---	---	---	21.77	22.03	24.71	25.36	18.93	18.86	18.80	18.73	---
MIN	---	---	---	18.33	17.79	18.62	18.54	17.96	17.86	18.29	18.30	---

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA

LOCATION.--Lat 31°01'59", long 91°58'57", in NE ¼ sec.29, T.1 N., R.5 E., Avoyelles Parish, Hydrologic Unit 08080102, near left bank on downstream side of bridge on State Highway 114 at Moreauville, and 150 ft downstream from point of diversion from Bayou des Glaises.

DRAINAGE AREA.--270 mi^2. See REMARKS.

PERIOD OF RECORD.--July 1943 to current year.

REVISED RECORDS.--WDR LA-77-1: 1973-76.

GAGE.--Water-stage recorder. Datum of gage is 23.46 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Prior to Oct. 13, 1950, nonrecording gage at same site. Prior to Sept. 30, 1961, at datum 4.84 ft higher. Water-stage recorder for Bayou des Glaises diversion channel near Moreauville (station 07383510) used as auxiliary gage for this station since Apr. 17, 1972.

REMARKS.--Records good. Diversion channel carries natural flow of Bayou des Glaises except when operation of floodgates, 12 mi downstream from point of diversion, regulates flow into or out of bayou depending on stage in Red River and Old River overflow area. Flow includes diversion from Bayou Boeuf into Chatlin Lake Canal and is occasionally affected by diversion into or out of Red River and Old River overflow area. Channel discharges into West Protection Levee borrow pit channel, 6.0 mi downstream. Satellite telemetry at station.

AVERAGE DISCHARGE.--59 years, 434 ft^3/s, 314,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,340 ft^3/s, May 18, 1953, gage height, 22.68 ft, present datum; minimum, 2.7 ft^3/s, Oct. 13, 14, 15, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,640 ft^3/s, Nov. 29, gage height, 18.36 ft; minimum discharge, 13 ft^3/s, Nov. 10, 11, 13, 14, minimum gage height, 1.07 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	172	e1840	880	847	e406	1080	92	354	228	122	49
2	76	147	1880	809	847	e1300	1020	69	272	174	89	42
3	86	130	1880	698	848	e1080	963	97	191	139	89	43
4	85	120	1890	478	814	1060	905	116	146	101	94	56
5	79	113	1900	323	757	1070	842	132	120	85	81	57
6	76	111	1900	305	e1250	1070	760	153	115	91	69	47
7	71	76	1900	369	1050	1040	621	164	105	83	76	39
8	71	28	1860	351	988	990	844	139	86	63	74	39
9	71	16	1810	286	987	929	1290	109	70	55	56	45
10	73	13	1750	235	968	858	1140	76	71	e54	46	45
11	77	15	1660	205	922	769	1140	56	90	e52	52	35
12	123	16	1570	210	862	639	1120	60	93	47	36	35
13	e578	14	1650	256	793	540	1110	69	97	58	35	45
14	e1200	14	1850	265	659	477	1080	79	78	96	54	54
15	920	21	1720	235	456	379	1030	71	70	91	72	59
16	868	27	1660	200	309	291	961	68	72	84	142	52
17	911	22	1730	177	237	249	889	50	62	71	189	53
18	951	20	1700	167	231	262	818	65	60	63	270	60
19	972	24	1630	e550	216	240	733	80	73	56	241	68
20	966	27	1550	e1120	e1220	218	585	59	62	55	178	102
21	931	31	1480	596	e1020	281	426	58	61	60	151	209
22	880	29	1410	432	940	478	303	63	60	48	112	302
23	822	27	1440	383	907	434	261	70	60	39	162	245
24	759	44	1410	415	861	314	221	66	60	93	250	185
25	669	87	1330	881	790	227	214	104	67	171	190	165
26	524	72	1280	927	633	778	212	113	112	177	141	151
27	408	e1000	1220	954	426	1010	188	97	111	283	109	139
28	325	e1900	1150	982	299	999	186	159	163	271	106	128
29	268	e2400	1080	978	---	1030	156	236	298	199	93	123
30	226	e2200	1010	941	---	1060	129	216	318	159	75	113
31	198	---	945	888	---	1120	---	255	---	150	57	---
TOTAL	14338	8916	49085	16496	21137	21598	21227	3241	3597	3396	3511	2785
MEAN	462.5	297.2	1583	532.1	754.9	696.7	707.6	104.5	119.9	109.5	113.3	92.83
MAX	1200	2400	1900	1120	1250	1300	1290	255	354	283	270	302
MIN	71	13	945	167	216	218	129	50	60	39	35	35
AC-FT	28440	17680	97360	32720	41930	42840	42100	6430	7130	6740	6960	5520

CAL YR 2001 TOTAL 193811 MEAN 531.0 MAX 2400 MIN 13 AC-FT 384400
WTR YR 2002 TOTAL 169327 MEAN 463.9 MAX 2400 MIN 13 AC-FT 335900

e Estimated

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.95	2.88	14.94	7.68	7.50	4.91	8.74	2.07	4.49	3.41	2.39	1.67
2	1.97	2.65	13.51	7.29	7.50	11.01	8.38	1.81	3.81	2.90	2.03	1.59
3	2.08	2.48	12.95	6.66	7.50	9.02	8.11	2.13	3.07	2.57	2.04	1.60
4	2.07	2.38	12.70	5.29	7.32	8.59	7.81	2.34	2.64	2.16	2.09	1.74
5	2.01	2.30	12.50	4.18	7.01	8.66	7.47	2.50	2.38	1.99	1.95	1.76
6	1.97	2.28	12.35	4.04	8.73	8.66	7.02	2.71	2.32	2.06	1.81	1.64
7	1.92	1.89	12.23	4.53	8.54	8.52	6.21	2.81	2.21	1.97	1.89	1.55
8	1.92	1.32	12.08	4.40	8.25	8.25	8.42	2.57	2.01	1.74	1.86	1.55
9	1.92	1.14	11.90	3.89	8.24	7.94	12.08	2.26	1.83	1.66	1.66	1.62
10	1.94	1.09	11.64	3.46	8.13	7.56	9.63	1.89	1.83	---	1.55	1.62
11	1.98	1.12	11.31	3.19	7.90	7.07	9.02	1.67	2.05	---	1.62	1.50
12	2.44	1.14	10.95	3.23	7.58	6.32	8.92	1.71	2.08	1.57	1.44	1.50
13	6.30	1.10	12.95	3.64	7.21	5.70	8.87	1.81	2.12	1.70	1.43	1.62
14	9.93	1.10	14.47	3.72	6.43	5.29	8.68	1.92	1.91	2.11	1.65	1.72
15	8.14	1.23	12.53	3.45	5.14	4.60	8.43	1.83	1.82	2.06	1.85	1.78
16	7.86	1.32	11.60	3.15	4.07	3.92	8.10	1.80	1.84	1.98	2.59	1.70
17	8.09	1.25	11.97	2.93	3.47	3.58	7.72	1.60	1.74	1.84	3.04	1.72
18	8.31	1.22	11.74	2.84	3.42	3.69	7.34	1.77	1.72	1.75	3.80	1.79
19	8.43	1.27	11.21	7.33	3.29	3.50	6.87	1.94	1.85	1.67	3.53	1.89
20	8.39	1.33	10.88	9.08	9.99	3.31	5.98	1.70	1.74	1.66	2.95	2.24
21	8.20	1.38	10.57	6.04	8.65	3.83	4.93	1.69	1.73	1.72	2.72	3.24
22	7.92	1.35	10.23	4.98	7.99	5.29	4.02	1.74	1.72	1.58	2.35	4.07
23	7.59	1.33	10.48	4.63	7.82	5.00	3.68	1.83	1.72	1.47	2.81	3.57
24	7.23	1.52	10.24	4.86	7.57	4.11	3.33	1.78	1.72	2.07	3.62	3.00
25	6.68	2.01	9.90	7.67	7.19	3.38	3.27	2.20	1.80	2.87	3.06	2.82
26	5.73	1.85	9.66	7.92	6.27	7.06	3.26	2.30	2.29	2.94	2.62	2.69
27	4.91	9.27	9.37	8.06	4.93	8.37	3.03	2.12	2.28	3.91	2.31	2.57
28	4.26	17.35	9.04	8.21	3.99	8.29	3.01	2.76	2.79	3.80	2.28	2.46
29	3.78	18.09	8.69	8.19	---	8.47	2.74	3.49	4.03	3.14	2.15	2.41
30	3.40	17.07	8.35	8.00	---	8.57	2.47	3.31	4.20	2.77	1.96	2.31
31	3.13	---	8.02	7.72	---	9.10	---	3.66	---	2.68	1.76	---
MAX	9.93	18.09	14.94	9.08	9.99	11.01	12.08	3.66	4.49	3.91	3.80	4.07
MIN	1.92	1.09	8.02	2.84	3.29	3.31	2.47	1.60	1.72	---	1.43	1.50

07385500 BAYOU TECHE AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'50", long 91°55'50", at NW corner sec. 63, T. 7 S., R. 5 E., Louisiana Meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 31, at Arnaudville, and 270 ft upstream from Bayou Fusilier.

DRAINAGE AREA.--Approximately 1,530 mi^2. See REMARKS.

PERIOD OF RECORD.--April 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to May 11, 1949, nonrecording gage. May 12, 1949 to May 11, 1960, water-stage recorder, May 26, 1960 to Aug. 15, 1961, nonrecording gage. All gages at same site and datum. Water-stage recorder for Bayou Teche at Robin (station 07385470) used as auxiliary gage for this station. Prior to Feb. 4, 1953, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated mean daily discharges which are poor. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at Weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi^2, into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion freshwater diversion canal operational during the year anytime the flow in Bayou Courtableau does not bypass by way of the Courtableau Weirs near Krotz Springs.

AVERAGE DISCHARGE.--53 years, 903 ft^3/s, 654,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,630 ft^3/s, May 24, 1953; maximum elevation, 24.27 ft, May 23, 1953; minimum discharge, 53 ft^3/s, Aug. 12, 1965, minimum elevation, 6.78 ft, Oct. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,000 ft^3/s, Apr. 11; maximum elevation, 19.16 ft, Apr.9; minimum discharge, 830 ft^3/s, Feb. 19, 20, elevation, 13.18 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	998	979	1490	996	939	1110	1460	965	991	975	1010	1010
2	987	983	1440	1010	998	1770	1200	967	980	968	989	1000
3	974	996	1400	993	1020	1730	1040	987	981	954	976	1000
4	972	995	1360	968	1010	1540	998	985	973	957	966	1000
5	968	987	1330	1060	976	1350	1020	990	956	977	953	1010
6	980	976	1320	1110	997	1230	1000	990	964	969	936	1000
7	997	979	1310	1040	1110	1130	987	973	971	951	929	997
8	980	1020	1300	1040	1100	1040	1280	969	979	941	954	1010
9	970	1010	1280	1020	1060	993	e1200	960	975	957	975	1010
10	1020	1000	1270	989	996	989	e1400	950	985	957	980	979
11	1110	997	1260	951	956	985	e1800	957	970	963	983	973
12	1130	996	1230	1030	983	1000	1840	974	950	975	985	981
13	1360	976	1400	1050	1020	989	1620	979	963	959	983	982
14	1820	965	1520	1000	1020	959	1410	946	974	962	996	978
15	1680	955	1430	998	993	976	1280	961	944	1010	991	974
16	1460	947	1350	982	980	992	1190	982	957	999	1080	973
17	1290	940	1320	943	958	968	1100	992	955	1060	1030	985
18	1200	934	1290	904	912	978	1060	908	951	1010	1010	973
19	1130	929	1270	1010	855	993	1040	895	956	982	1010	969
20	1080	924	1230	1190	1020	979	1040	949	971	993	996	983
21	1060	918	1190	1130	1110	944	1040	967	947	996	979	995
22	1010	918	1150	1020	1070	964	1010	975	946	996	1030	1040
23	1040	921	1120	929	1020	986	985	981	961	997	1050	1010
24	1020	928	1100	922	995	981	986	983	960	1010	1010	983
25	1010	966	1080	994	996	974	983	971	935	1070	1010	969
26	989	976	1050	1090	964	1100	968	954	868	1010	992	912
27	981	958	1020	1090	982	1100	995	985	919	1020	980	920
28	977	1040	1010	1060	978	1090	1000	966	1000	1010	992	966
29	994	1450	1020	1010	---	1050	1010	959	997	1010	1010	990
30	1020	1550	997	988	---	987	985	973	970	1030	1010	997
31	1000	---	989	953	---	1330	---	992	---	1040	1010	---
TOTAL	34207	30113	38526	31470	28018	34207	34927	29985	28849	30708	30805	29569
MEAN	1103	1004	1243	1015	1001	1103	1164	967.3	961.6	990.6	993.7	985.6
MAX	1820	1550	1520	1190	1110	1770	1840	992	1000	1070	1080	1040
MIN	968	918	989	904	855	944	968	895	868	941	929	912
AC-FT	67850	59730	76420	62420	55570	67850	69280	59480	57220	60910	61100	58650

e Estimated

07385500 BAYOU TECHE AT ARNAUDVILLE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.91	13.83	15.95	13.90	13.66	14.36	15.83	13.77	13.88	13.81	13.96	13.93
2	13.86	13.85	15.74	13.95	13.91	17.09	14.76	13.77	13.83	13.78	13.87	13.93
3	13.80	13.90	15.57	13.89	14.02	16.93	14.07	13.86	13.83	13.72	13.81	13.92
4	13.80	13.89	15.41	13.78	13.97	16.17	13.91	13.85	13.80	13.73	13.77	13.94
5	13.78	13.86	15.30	14.14	13.81	15.40	14.00	13.88	13.73	13.82	13.71	13.94
6	13.83	13.81	15.25	14.37	13.90	14.89	13.92	13.87	13.76	13.79	13.64	13.92
7	13.90	13.83	15.20	14.08	14.38	14.45	13.86	13.80	13.79	13.71	13.61	13.91
8	13.83	13.97	15.16	14.07	14.34	14.09	16.18	13.78	13.83	13.66	13.72	13.95
9	13.79	13.94	15.10	13.99	14.19	13.88	19.06	13.75	13.81	13.73	13.81	13.95
10	14.02	13.92	15.05	13.87	13.90	13.87	18.96	13.70	13.85	13.73	13.83	13.83
11	14.37	13.90	14.99	13.71	13.73	13.85	18.29	13.73	13.79	13.76	13.84	13.80
12	14.47	13.90	14.89	14.04	13.84	13.92	17.37	13.80	13.70	13.81	13.85	13.84
13	15.40	13.81	15.58	14.13	14.00	13.87	16.48	13.83	13.76	13.74	13.84	13.84
14	17.30	13.77	16.09	13.92	13.98	13.74	15.63	13.68	13.81	13.75	13.90	13.82
15	16.73	13.72	15.70	13.91	13.89	13.81	15.07	13.75	13.68	13.95	13.88	13.80
16	15.84	13.69	15.39	13.84	13.83	13.88	14.71	13.84	13.73	13.91	14.27	13.80
17	15.14	13.66	15.27	13.67	13.74	13.78	14.35	13.88	13.72	14.17	14.03	13.85
18	14.75	13.63	15.14	13.50	13.54	13.82	14.16	13.52	13.71	13.94	13.97	13.80
19	14.46	13.61	15.03	13.94	13.29	13.89	14.09	13.46	13.73	13.84	13.95	13.79
20	14.24	13.59	14.89	14.72	14.00	13.83	14.08	13.70	13.79	13.88	13.90	13.84
21	14.16	13.56	14.73	14.47	14.40	13.68	14.09	13.78	13.69	13.90	13.83	13.89
22	13.98	13.56	14.56	13.99	14.20	13.76	13.97	13.81	13.69	13.90	14.04	14.08
23	14.08	13.58	14.41	13.61	14.00	13.85	13.85	13.84	13.75	13.91	14.13	13.98
24	14.01	13.61	14.31	13.58	13.90	13.83	13.86	13.85	13.75	13.97	13.97	13.84
25	13.95	13.77	14.24	13.89	13.90	13.80	13.85	13.79	13.64	14.22	13.96	13.78
26	13.87	13.82	14.12	14.29	13.76	14.33	13.78	13.72	13.35	13.94	13.88	13.54
27	13.83	13.74	14.01	14.31	13.84	14.34	13.90	13.85	13.57	14.02	13.83	13.58
28	13.82	14.06	13.96	14.15	13.82	14.29	13.93	13.77	13.92	13.97	13.88	13.77
29	13.89	15.79	14.02	13.95	---	14.14	13.94	13.74	13.90	13.97	13.93	13.88
30	13.98	16.22	13.90	13.87	---	13.86	13.85	13.80	13.79	14.06	13.95	13.90
31	13.92	---	13.87	13.72	---	15.30	---	13.88	---	14.06	13.95	---
MAX	17.30	16.22	16.09	14.72	14.40	17.09	19.06	13.88	13.92	14.22	14.27	14.08
MIN	13.78	13.56	13.87	13.50	13.29	13.68	13.78	13.46	13.35	13.66	13.61	13.54

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA

LOCATION.--Lat 30°04'15", long 91°49'45", on line between secs. 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi south of St. Martinville, and 11 mi upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft below NGVD of 1929. Water-stage recorder for Bayou Teche at Keystone Lock lower gage (station 07385702) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharge. Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big D'Arbonne Bayou Culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi^2) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion freshwater diversion operational during the year anytime the flow in Bayou Courtableau does not bypass by way of Courtableau weirs near Krotz Springs. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water from irrigation is diverted through Ruth Canal (Station 07386700) into Vermilion River. Crest of dam raised from 8.0 ft to 9.47 ft in June 1957.

AVERAGE DISCHARGE.--43 years, 444 ft^3/s, 349,930 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft^3/s, Sept. 5, 1973, maximum gage height, 16.15 ft, Oct. 23, 1984; minimum discharge, no flow at times in 1962-64, 1972, and 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1913, 24.30 ft, May 27, 1927; minimum, 0.75 ft, July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,190 ft^3/s, Apr. 8, gage height, 11.81 ft; minimum discharge, 172 ft^3/s, Nov. 6, gage height, 9.95 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	305	259	676	515	561	837	669	296	278	332	439	428
2	301	251	639	513	444	1200	571	294	266	301	424	426
3	289	265	602	424	461	1000	447	307	258	257	408	425
4	286	267	569	403	465	901	370	344	264	249	404	430
5	285	262	544	631	451	790	354	511	266	249	394	436
6	302	250	553	729	448	731	337	460	269	248	379	430
7	293	325	547	539	500	664	314	322	292	241	371	426
8	294	442	563	496	512	597	1270	318	321	251	386	444
9	289	352	553	473	503	565	1640	327	279	252	404	445
10	348	342	564	449	490	526	1470	317	330	259	396	430
11	619	341	539	431	438	524	1380	304	318	260	398	414
12	700	418	482	568	432	495	1250	313	261	267	415	418
13	1040	406	500	546	457	389	1110	336	251	266	415	422
14	1190	380	619	490	465	303	978	308	256	285	414	421
15	1010	361	619	458	459	294	871	292	238	437	441	418
16	888	357	560	441	454	315	804	305	231	384	523	430
17	762	354	569	422	436	308	761	338	248	502	525	530
18	670	349	530	402	421	306	723	318	239	512	493	413
19	491	365	551	407	383	312	703	259	256	486	464	392
20	421	338	526	540	453	324	699	273	261	485	448	417
21	387	321	500	560	534	310	696	295	248	493	430	442
22	355	319	477	501	543	283	610	304	238	487	452	484
23	335	323	488	438	500	295	381	308	243	434	508	434
24	329	320	450	416	464	299	358	313	247	526	520	417
25	314	330	430	445	463	312	356	315	252	721	472	447
26	297	343	413	487	464	544	330	302	230	505	419	411
27	283	341	392	513	438	451	363	288	262	451	409	372
28	274	311	401	510	446	411	558	265	361	436	400	385
29	346	617	400	473	---	384	509	253	379	444	406	411
30	435	690	388	458	---	343	319	267	300	455	416	421
31	296	---	427	487	---	480	---	293	---	458	441	---
TOTAL	14434	10599	16071	15165	13085	15493	21201	9745	8142	11933	13414	12819
MEAN	465.6	353.3	518.4	489.2	467.3	499.8	706.7	314.4	271.4	384.9	432.7	427.3
MAX	1190	690	676	729	561	1200	1640	511	379	721	525	530
MIN	274	250	388	402	383	283	314	253	230	241	371	372
AC-FT	28630	21020	31880	30080	25950	30730	42050	19330	16150	23670	26610	25430

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.17	10.10	10.60	10.41	10.45	10.69	10.55	10.10	10.10	10.17	10.30	10.29
2	10.16	10.09	10.56	10.41	10.32	11.07	10.45	10.10	10.08	10.13	10.28	10.28
3	10.14	10.11	10.52	10.30	10.34	10.90	10.30	10.12	10.07	10.06	10.26	10.28
4	10.14	10.11	10.48	10.28	10.34	10.80	10.20	10.17	10.07	10.05	10.26	10.29
5	10.14	10.10	10.46	10.52	10.32	10.69	10.18	10.38	10.08	10.05	10.24	10.30
6	10.16	10.08	10.46	10.65	10.32	10.63	10.16	10.31	10.08	10.05	10.23	10.29
7	10.15	10.19	10.46	10.44	10.38	10.56	10.13	10.14	10.11	10.04	10.21	10.28
8	10.15	10.34	10.48	10.39	10.40	10.48	11.02	10.13	10.16	10.05	10.23	10.31
9	10.14	10.23	10.46	10.36	10.38	10.45	11.42	10.15	10.10	10.05	10.26	10.31
10	10.22	10.22	10.48	10.33	10.36	10.40	11.28	10.13	10.16	10.06	10.25	10.29
11	10.55	10.22	10.45	10.30	10.30	10.39	11.21	10.11	10.15	10.06	10.25	10.27
12	10.64	10.31	10.38	10.46	10.29	10.36	11.10	10.13	10.07	10.07	10.27	10.27
13	10.94	10.29	10.39	10.44	10.32	10.23	10.98	10.16	10.06	10.07	10.27	10.28
14	11.11	10.26	10.53	10.37	10.33	10.11	10.86	10.12	10.06	10.10	10.27	10.28
15	10.95	10.23	10.53	10.33	10.32	10.10	10.75	10.10	10.04	10.28	10.30	10.27
16	10.83	10.23	10.46	10.31	10.32	10.13	10.69	10.13	10.02	10.23	10.40	10.29
17	10.70	10.22	10.47	10.29	10.30	10.12	10.64	10.17	10.05	10.37	10.40	10.41
18	10.60	10.22	10.43	10.26	10.28	10.12	10.60	10.14	10.04	10.39	10.36	10.27
19	10.40	10.24	10.45	10.27	10.23	10.13	10.58	10.06	10.06	10.36	10.33	10.24
20	10.32	10.20	10.42	10.43	10.32	10.14	10.58	10.08	10.07	10.35	10.31	10.27
21	10.28	10.18	10.39	10.45	10.41	10.12	10.57	10.11	10.05	10.36	10.29	10.30
22	10.23	10.18	10.37	10.38	10.42	10.08	10.48	10.12	10.04	10.36	10.31	10.35
23	10.21	10.18	10.38	10.31	10.37	10.10	10.21	10.13	10.04	10.29	10.38	10.29
24	10.20	10.18	10.33	10.28	10.33	10.11	10.18	10.14	10.05	10.39	10.39	10.27
25	10.18	10.19	10.31	10.32	10.33	10.13	10.18	10.14	10.06	10.62	10.34	10.31
26	10.15	10.21	10.29	10.37	10.33	10.41	10.14	10.12	10.02	10.38	10.28	10.26
27	10.13	10.20	10.26	10.40	10.30	10.30	10.18	10.10	10.07	10.31	10.26	10.22
28	10.12	10.16	10.27	10.39	10.31	10.26	10.42	10.07	10.21	10.30	10.25	10.23
29	10.22	10.54	10.27	10.35	---	10.22	10.36	10.05	10.23	10.31	10.26	10.26
30	10.33	10.62	10.26	10.33	---	10.17	10.12	10.08	10.13	10.32	10.27	10.28
31	10.15	---	10.30	10.36	---	10.33	---	10.12	---	10.32	10.30	---
MAX	11.11	10.62	10.60	10.65	10.45	11.07	11.42	10.38	10.23	10.62	10.40	10.41
MIN	10.12	10.08	10.26	10.26	10.23	10.08	10.12	10.05	10.02	10.04	10.21	10.22

07385765 BAYOU TECHE NEAR JEANERETTE, LA

LOCATION.--Lat 29°52'45", long 91°35'10", on line between secs. 37 and 38, T. 13 S., R. 9 E., St. Mary Parish, Hydrologic Unit 08080102, at upstream side of bridge at Adeline, 3.0 miles southeast of Jeanerette and 3.0 miles northwest of Charenton Diversion Canal, off of Hwy. 182.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to September 1996 (fragmentary gage-height records), October 1996 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records poor. Discharges are affected by tide at all stages. Reverse flow and no flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge , 2,950 ft^3/s, Apr. 28, 1998; maximum gage height, 4.64 ft, Oct. 25, 1997; no flow at times during year; maximum negative daily discharge, -122 ft^3/s, Apr. 23, 2000; minimum gage height, -0.52 ft, Oct. 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,680 ft^3/s, Mar. 1; maximum gage height, 3.08 ft, Apr. 9; maximum negative discharge, -542 ft^3/s, Aug. 14; minimum gage height, 0.39 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	201	245	704	---	1170	877	399	197	60	86	553	447
2	211	234	678	---	795	1380	322	207	84	235	399	454
3	161	220	634	587	609	948	354	209	63	227	272	263
4	148	308	582	402	577	798	492	282	120	143	229	117
5	118	343	550	687	511	741	386	316	154	113	248	183
6	277	239	---	1360	424	626	277	294	329	135	233	116
7	224	292	681	988	552	538	74	189	304	52	209	82
8	186	352	693	791	472	397	1080	92	350	80	408	73
9	125	432	677	654	407	482	1180	102	362	44	519	286
10	58	384	502	530	504	537	883	125	299	102	409	381
11	217	319	406	453	565	489	835	71	398	79	349	453
12	359	331	331	652	421	568	747	101	271	79	356	475
13	418	354	320	837	424	563	725	128	211	-31	531	383
14	670	299	637	617	483	272	672	152	179	83	375	304
15	430	303	475	589	---	241	595	96	182	204	---	384
16	449	369	333	481	489	311	485	70	112	307	329	340
17	425	416	419	459	472	303	432	87	196	236	502	289
18	325	403	442	422	329	308	440	106	177	296	---	---
19	280	382	431	423	214	227	381	109	99	330	318	252
20	239	504	400	---	383	197	327	67	122	282	264	287
21	229	308	349	546	461	469	294	45	144	315	245	361
22	246	177	368	481	567	404	384	72	100	---	286	336
23	205	207	493	360	555	231	402	91	66	---	330	327
24	133	236	525	349	446	186	337	78	60	313	358	356
25	217	369	388	564	387	184	425	61	134	1110	556	321
26	284	273	302	464	511	451	339	61	150	622	600	277
27	265	---	245	400	682	404	133	57	177	253	540	192
28	230	153	301	419	390	196	371	61	203	176	433	290
29	245	604	385	385	---	221	511	35	237	185	368	364
30	399	784	442	363	---	151	300	62	155	448	343	288
31	322	---	431	374	---	204	---	42	---	622	443	---
TOTAL	8296	---	---	---	---	13904	14582	3665	5498	---	---	---
MEAN	267.6	---	---	---	---	448.5	486.1	118.2	183.3	---	---	---

07385765 BAYOU TECHE NEAR JEANERETTE, LA--Continued

GAGE HEIGHT, in FT (NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.08	1.30	1.82	1.06	1.67	1.45	1.61	2.01	1.94	1.78	1.35	1.32
2	1.02	1.43	1.80	0.86	1.10	2.47	1.65	2.08	1.90	1.68	1.14	1.43
3	1.07	1.51	1.69	0.64	1.02	2.17	1.60	2.05	1.88	1.49	1.17	1.70
4	1.22	1.43	1.64	0.57	0.82	1.74	1.22	1.97	1.92	1.35	1.33	1.81
5	1.37	1.19	1.73	1.33	0.71	1.51	1.06	1.78	2.00	1.13	1.43	1.91
6	1.25	1.25	1.65	1.75	0.95	1.37	1.05	1.86	1.95	0.88	1.46	2.04
7	1.00	1.21	1.57	1.28	0.71	1.33	1.30	1.95	1.86	1.07	1.53	2.12
8	1.19	1.35	1.51	0.98	0.65	1.40	2.31	2.12	1.88	1.18	1.58	2.36
9	1.44	1.28	1.13	0.90	1.01	1.59	2.92	2.16	1.87	1.37	1.65	2.34
10	1.84	1.16	1.08	0.90	1.13	1.08	2.81	1.94	2.08	1.39	1.82	2.21
11	2.17	1.12	1.11	1.02	0.73	1.14	2.82	1.97	2.15	1.46	1.95	2.08
12	2.16	1.10	1.47	1.07	0.78	1.49	2.76	2.15	2.08	1.55	2.07	1.83
13	2.70	1.22	1.65	1.13	0.89	1.02	2.60	2.13	1.99	1.47	1.99	1.75
14	2.66	1.32	1.81	1.24	0.83	1.18	2.45	1.69	1.86	1.53	1.96	1.91
15	2.53	1.43	1.75	1.06	1.03	1.37	2.26	1.71	1.62	1.57	---	1.80
16	2.32	1.45	1.92	1.08	1.02	1.47	2.10	1.79	1.72	1.53	1.99	1.64
17	1.86	1.23	2.14	1.06	0.81	1.48	2.02	1.89	1.74	1.43	2.02	1.58
18	1.75	1.06	1.76	0.98	0.90	1.48	1.92	1.72	1.58	1.27	---	---
19	1.59	1.04	1.71	1.04	1.26	1.46	1.85	1.27	1.72	1.12	1.85	1.82
20	1.49	0.76	1.27	0.83	1.64	1.72	1.81	1.18	1.71	1.12	1.75	2.01
21	1.52	0.63	1.30	1.00	1.53	1.43	1.87	1.31	1.57	1.11	1.70	1.86
22	1.44	1.04	1.50	0.97	1.45	0.90	1.81	1.43	1.55	1.19	1.68	1.81
23	1.51	1.40	1.60	1.08	1.09	0.85	1.63	1.65	1.64	1.24	1.72	1.66
24	1.62	1.73	1.26	1.23	1.10	1.10	1.70	1.73	1.76	1.31	1.65	1.46
25	1.50	1.40	1.22	1.05	1.37	1.35	1.67	1.77	1.91	1.77	1.59	1.27
26	1.15	1.46	1.07	0.74	1.42	1.59	1.52	1.80	1.97	1.60	1.41	1.09
27	1.00	1.49	0.85	0.98	0.64	1.29	1.82	1.87	2.11	1.48	1.34	1.31
28	0.76	1.65	1.26	1.14	0.67	1.39	2.09	1.91	2.14	1.45	1.18	1.62
29	0.87	2.08	1.45	1.23	---	1.47	1.95	1.90	2.14	1.44	1.03	1.63
30	1.02	1.78	1.25	1.32	---	1.55	1.91	1.92	1.97	1.51	1.16	1.71
31	1.21	---	1.18	1.51	---	1.76	---	1.97	---	1.46	1.27	---
MAX	2.70	2.08	2.14	1.75	1.67	2.47	2.92	2.16	2.15	1.78	---	---
MIN	0.76	0.63	0.85	0.57	0.64	0.85	1.05	1.18	1.55	0.88	---	---

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA

LOCATION.--Lat 29°49'23", long 91°32'26", T. 14 S., R. 9 E., Sec. 13, St. Mary Parish, Hydrologic Unit 08080102, on the left bank of stream, on wing wall of Southern Pacific railroad bridge over Charenton Drainage Canal, 750 yards downstream of junction with Bayou Teche and six miles upstream of junction with Gulf Intracoastal Water Way.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1999 to current year. Records for 1999 W.Y. are available in Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records poor. Discharges are affected by wind, tide, and boat traffic at all stages. Reverse flow and no flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 10,700 ft^3/s, June 10, 11, 2001; maximum elevation, 3.78 ft, June 10, 2001; no flow at times during year; maximum negative discharge, -17,200 ft^3/s, Nov. 6, 2001; minimum elevation, -0.95 ft, Jan. 30. 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 10,600 ft^3/s, Dec. 19, maximum gage height, 3.36 ft; minimum negative discharge, -15,200 ft^3/s, Mar. 1, minimum gage height, -0.13 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	561	160	3840	3550	4640	-4120	4990	-2380	1880	2240	2080	188
2	-673	554	4380	3730	3670	2710	223	-678	1880	2980	1260	143
3	-1700	571	4460	3440	2190	7960	3360	122	455	1980	-355	-391
4	-2510	2190	3850	-394	2710	5810	3300	3100	1370	1010	-997	-507
5	-2330	2550	3110	-4470	1730	4550	1230	3070	-322	1160	-546	-284
6	702	122	3860	4850	748	2920	1190	-303	2860	1190	-801	-433
7	670	1530	3690	4880	3220	1300	-3830	-605	1550	-656	-477	-1030
8	833	-29	3420	1950	-1150	-937	673	-2860	915	-469	-311	-970
9	934	1940	4310	2060	-2100	2710	3200	465	1800	-366	-1370	2140
10	-716	2050	3330	293	2470	4130	5110	2280	-2260	747	-1950	1990
11	-2310	1080	2290	218	3010	-1640	5200	-3030	478	-1150	-2430	2530
12	1140	537	1380	1810	-576	1610	4340	-2600	558	-94	198	3130
13	-2330	82	1860	1210	1060	2250	1570	1800	1490	1210	1720	1210
14	4990	-32	4240	742	1190	-2110	2350	1610	2790	1190	709	-281
15	3320	-178	3870	2520	-1280	-1980	4040	-1210	234	2110	-654	1180
16	5470	1460	2940	-255	2680	1350	2830	---	-609	1140	1070	1460
17	5420	3070	4970	1480	1470	659	2790	-340	3130	1300	899	1360
18	2960	1910	8350	2000	-2140	1990	2190	2820	1620	1800	1310	830
19	2920	1590	8390	852	-4820	-594	1420	1350	327	743	1300	-33
20	1930	3040	5140	1900	1330	-885	1050	-745	1920	-15	1340	-69
21	687	1070	1930	1470	314	7120	595	-709	1750	-136	1210	2280
22	1330	-2900	-1910	-1250	2530	4710	3290	-598	55	-1000	1950	2640
23	-199	-1470	3020	-1000	1240	-1630	1740	-1500	-707	180	2700	1740
24	961	-982	3680	-124	-1920	-3020	---	-29	242	-339	2140	1220
25	2710	2780	1900	5210	-2030	-1350	---	828	-217	1780	2660	1860
26	3560	851	3810	344	5020	3880	767	-186	476	1800	2360	1590
27	2490	1110	1230	-1750	917	3410	-6040	-750	-661	496	2560	150
28	1630	-842	-1610	-973	49	225	-1340	-28	1550	1560	2340	-362
29	445	3280	745	-980	---	797	2860	675	2680	1190	1250	372
30	-136	5020	1800	-481	---	-652	-1430	416	2800	1260	-356	1150
31	-854	---	2740	-1150	---	1630	---	-51	---	2760	229	---
TOTAL	31905	32114	99015	31682	26172	42803	---	---	30034	27601	21038	24803
MEAN	1029	1070	3194	1022	934.7	1381	---	---	1001	890.4	678.6	826.8

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.09	1.34	1.53	0.82	0.82	1.28	1.33	2.09	1.91	1.62	1.14	1.25
2	1.02	1.43	1.47	0.65	0.61	2.02	1.53	2.13	1.88	1.49	0.96	1.37
3	1.10	1.48	1.37	0.44	0.86	1.12	1.33	2.06	1.91	1.39	1.14	1.73
4	1.25	1.33	1.42	0.57	0.60	0.96	0.94	1.89	1.94	1.23	1.28	1.79
5	1.41	1.04	1.56	1.29	0.57	1.01	0.89	1.69	2.04	0.97	1.40	1.89
6	0.88	1.24	1.40	1.12	0.83	1.08	0.96	1.91	1.89	0.79	1.41	2.04
7	0.98	1.15	1.30	0.72	0.40	1.12	1.37	2.01	1.82	1.12	1.49	2.13
8	1.25	1.35	1.22	0.79	0.61	1.29	1.87	2.22	1.85	1.18	1.48	2.41
9	1.55	1.17	0.72	0.72	1.00	1.32	2.33	2.15	1.79	1.37	1.58	2.29
10	2.01	1.10	0.97	0.79	0.88	0.59	2.16	1.85	2.09	1.32	1.81	2.11
11	2.19	1.14	1.03	0.92	0.47	1.07	2.22	2.05	2.10	1.43	1.97	1.94
12	2.14	1.11	1.46	0.83	0.74	1.19	2.17	2.21	2.01	1.50	2.04	1.59
13	2.67	1.22	1.53	0.86	0.79	0.73	2.04	1.98	1.92	1.34	1.89	1.63
14	1.94	1.33	1.41	1.08	0.69	1.17	1.99	1.43	1.73	1.37	1.90	1.90
15	2.22	1.42	1.53	0.80	1.04	1.33	1.88	1.73	1.55	1.33	1.96	1.68
16	1.66	1.37	1.80	1.00	0.77	1.37	1.82	---	1.77	1.30	1.80	1.54
17	1.33	1.09	1.82	0.91	0.70	1.38	1.77	1.89	1.66	1.24	1.85	1.48
18	1.53	0.92	1.31	0.82	0.89	1.35	1.69	1.33	1.54	1.04	1.75	1.62
19	1.40	0.95	1.35	0.82	1.31	1.38	1.66	1.08	1.74	0.96	1.66	1.86
20	1.37	0.48	0.92	0.64	1.51	1.65	1.65	1.19	1.66	1.01	1.61	2.01
21	1.43	0.67	1.21	0.83	1.38	0.84	1.76	1.34	1.49	1.01	1.58	1.75
22	1.36	1.17	1.50	0.89	1.06	0.51	1.57	1.47	1.54	1.09	1.54	1.65
23	1.50	1.50	1.31	1.01	0.86	0.81	1.46	1.71	1.66	1.09	1.50	1.56
24	1.66	1.72	1.03	1.10	0.99	1.11	---	1.75	1.75	1.18	1.48	1.35
25	1.28	1.26	1.13	0.51	1.29	1.31	---	1.76	1.88	1.23	1.35	0.92
26	1.03	1.49	0.89	0.55	0.90	1.23	1.55	1.80	1.91	1.32	1.20	0.80
27	0.94	1.53	0.77	0.90	0.12	1.03	2.00	1.87	2.03	1.39	1.16	1.41
28	0.72	1.74	1.26	1.04	0.64	1.33	2.14	1.91	2.00	1.38	1.04	1.67
29	0.91	1.87	1.34	1.13	---	1.39	1.88	1.88	1.98	1.38	0.96	1.53
30	1.05	1.35	1.06	1.23	---	1.49	1.93	1.91	1.84	1.35	1.15	1.71
31	1.27	---	0.99	1.44	---	1.59	---	1.97	---	1.24	1.21	---
MAX	2.67	1.87	1.82	1.44	1.51	2.02	---	---	2.10	1.62	2.04	2.41
MIN	0.72	0.48	0.72	0.44	0.12	0.51	---	---	1.49	0.79	0.96	0.80

07386200 BAYOU FUSILIER AT WEIR AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'55", long 91°56'41", in center of N ½ sec. 45, T. 7 S., R. 5 E., Louisiana Meridian, St. Landry Parish, Hydrologic Unit 08080103, on right bank 95 ft upstream from weir, 0.6 mi west of Arnaudville, and 0.9 mi downstream from point of diversion from Bayou Teche.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1980 to September 1982 (elevation only). October 1982 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is NGVD of 1929.

REMARKS.--Records good, except those above 600 ft^3/s and indefinite stage-discharge relationship, which are poor. Bayou Fusilier is a distributary of Bayou Teche into the Vermilion River basin. For other diversions that occur in the Bayou Teche basin above this distributary, see Bayou Teche at Arnaudville (station 07385500). In extreme floods, reverse flow observed.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 900 ft^3/s, Dec. 28, 1982; maximum elevation, 21.97 ft, Oct. 31, 1985; no flow at times several years; maximum negative daily discharge, -634 ft^3/s, June 10, 2001; minimum elevation, 9.03 ft, Nov. 26, 27, 28, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 761 ft^3/s, Mar. 2, maximum elevation, unknown; minimum elevation, 12.28 ft, Feb. 19, 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e250	249	482	254	235	320	e365	245	253	246	259	256
2	e245	251	441	258	258	e150	e300	246	249	244	251	255
3	e240	255	419	254	269	e250	e260	254	248	238	246	255
4	e240	255	402	244	263	553	e250	253	246	239	243	256
5	e240	252	392	284	250	429	e255	255	239	247	237	255
6	e245	248	388	322	258	365	e250	256	242	244	231	254
7	e250	248	385	276	305	313	e245	249	245	237	229	253
8	e245	260	381	272	300	277	e320	248	248	233	237	257
9	e240	258	375	264	285	256	e300	244	246	239	e240	257
10	e255	257	370	253	257	e250	e350	241	249	239	248	246
11	e280	255	366	238	241	e245	e200	241	244	242	249	244
12	e280	255	357	271	252	e250	e175	246	236	246	249	247
13	e350	248	442	286	266	e250	e250	249	240	241	249	248
14	e150	244	529	258	264	e240	e350	237	245	242	254	246
15	e420	240	453	256	255	e245	e320	241	234	259	254	244
16	e440	237	407	250	250	e250	e300	250	238	256	302	244
17	e370	234	392	235	242	e240	e275	253	238	281	271	249
18	e350	232	382	221	225	e245	e265	223	236	258	264	244
19	e310	230	370	269	204	e250	e260	216	238	249	259	243
20	e270	229	356	364	276	e245	e260	235	243	252	254	247
21	e265	227	338	321	315	e235	e260	243	236	254	248	252
22	e250	227	320	266	288	e240	e250	246	235	254	267	268
23	e260	228	304	230	266	e245	e250	248	240	255	276	258
24	e255	229	295	228	256	e245	e250	249	241	261	259	246
25	e250	244	287	256	256	e240	255	246	231	285	259	241
26	e245	248	277	294	245	e275	247	240	206	258	251	219
27	e245	240	267	296	253	e275	257	250	224	264	247	222
28	e245	270	259	281	252	e270	260	244	257	261	251	239
29	e250	483	265	261	---	e260	261	241	256	261	256	248
30	263	547	255	254	---	e250	253	246	244	268	257	250
31	256	---	252	240	---	e330	---	253	---	270	257	---
TOTAL	8454	7880	11208	8256	7286	8488	8093	7588	7227	7823	7854	7443
MEAN	272.7	262.7	361.5	266.3	260.2	273.8	269.8	244.8	240.9	252.4	253.4	248.1

e Estimated

07386200 BAYOU FUSILIER AT WEIR AT ARNAUDVILLE, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	12.86	14.81	12.91	12.72	13.44	---	12.82	12.90	12.83	12.96	12.93
2	---	12.88	14.51	12.95	12.95	16.42	---	12.83	12.86	12.81	12.88	12.92
3	---	12.92	14.34	12.91	13.05	16.22	---	12.91	12.85	12.75	12.83	12.92
4	---	12.92	14.21	12.81	13.00	15.30	---	12.90	12.83	12.76	12.80	12.93
5	---	12.89	14.12	13.17	12.87	14.41	---	12.92	12.76	12.84	12.74	12.92
6	---	12.85	14.09	13.53	12.94	13.91	---	12.93	12.79	12.81	12.68	12.91
7	---	12.85	14.07	13.12	13.38	13.46	---	12.86	12.82	12.74	12.65	12.90
8	---	12.97	14.04	13.08	13.34	13.12	---	12.85	12.85	12.70	12.74	12.94
9	---	12.95	13.99	13.00	13.20	12.89	---	12.81	12.83	12.76	---	12.94
10	---	12.94	13.95	12.90	12.94	---	---	12.78	12.86	12.76	12.85	12.83
11	---	12.92	13.92	12.75	12.78	---	---	12.78	12.81	12.79	12.86	12.81
12	---	12.92	13.84	13.07	12.89	---	---	12.83	12.73	12.83	12.86	12.84
13	---	12.85	14.50	13.22	13.02	---	---	12.86	12.77	12.78	12.86	12.85
14	---	12.81	15.15	12.95	13.01	---	---	12.74	12.82	12.79	12.91	12.83
15	---	12.77	14.60	12.93	12.92	---	---	12.78	12.71	12.96	12.91	12.81
16	---	12.74	14.25	12.87	12.87	---	---	12.87	12.75	12.93	13.36	12.81
17	---	12.71	14.13	12.72	12.79	---	---	12.90	12.75	13.16	13.07	12.86
18	---	12.69	14.05	12.57	12.61	---	---	12.59	12.73	12.95	13.01	12.81
19	---	12.67	13.95	13.02	12.38	---	---	12.51	12.75	12.86	12.96	12.80
20	---	12.65	13.83	13.90	13.11	---	---	12.72	12.80	12.89	12.91	12.84
21	---	12.63	13.68	13.53	13.48	---	---	12.80	12.73	12.91	12.85	12.89
22	---	12.63	13.52	13.02	13.23	---	---	12.83	12.72	12.91	13.04	13.05
23	---	12.64	13.38	12.67	13.02	---	---	12.85	12.77	12.92	13.12	12.95
24	---	12.66	13.30	12.64	12.93	---	---	12.86	12.78	12.97	12.96	12.83
25	---	12.81	13.23	12.93	12.93	---	12.92	12.83	12.68	13.21	12.96	12.78
26	---	12.85	13.13	13.29	12.82	---	12.84	12.77	12.41	12.95	12.88	12.55
27	---	12.77	13.04	13.31	12.90	---	12.94	12.87	12.60	13.01	12.84	12.58
28	---	13.06	12.96	13.16	12.89	---	12.97	12.81	12.94	12.98	12.88	12.76
29	---	14.80	13.02	12.97	---	---	12.98	12.78	12.93	12.97	12.93	12.85
30	13.00	15.27	12.92	12.91	---	---	12.90	12.83	12.81	13.05	12.94	12.87
31	12.93	---	12.89	12.77	---	---	---	12.90	---	13.06	12.94	---
MAX	---	15.27	15.15	13.90	13.48	---	---	12.93	12.94	13.21	---	13.05
MIN	---	12.63	12.89	12.57	12.38	---	---	12.51	12.41	12.70	---	12.55

07386600 BAYOU VERMILION NEAR CARENCRO, LA.

LOCATION.--Lat 30°22'05", long 91°59'15", sec. 58, T. 8 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at Arnaudville Road, approximately 1.1 miles northeast of Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year.

REVISIONS.--Elevations from August 8, 2001 to September 30, 2001 published in the 2001 water year data report (LA-00-1), have been revised. Data may be obtained from the Louisiana District Office.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.46 ft, Oct. 26, 1996; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.10 ft, Apr. 9; minimum, 5.33 ft, Sept. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.60	5.58	8.14	5.60	5.72	---	9.56	---	5.67	5.69	6.34	5.49
2	5.57	5.55	8.02	5.58	5.76	10.02	8.40	---	5.60	5.65	5.82	5.49
3	---	5.58	6.95	5.57	5.74	9.63	7.33	---	5.57	5.69	5.56	5.49
4	---	5.60	6.56	5.58	5.73	8.97	6.55	---	5.57	5.57	5.49	5.53
5	5.51	5.59	6.40	5.91	5.75	8.31	6.08	---	5.55	5.53	5.46	5.60
6	5.58	5.54	6.28	7.95	6.04	7.53	5.86	---	5.61	5.51	5.44	5.56
7	5.61	5.52	6.31	7.15	6.31	6.91	5.79	---	5.61	5.47	5.41	5.53
8	5.58	5.54	6.26	6.47	6.12	6.45	---	---	5.60	5.46	5.46	5.58
9	5.52	5.58	6.21	6.10	5.91	6.13	11.02	---	5.58	5.51	5.57	5.61
10	5.66	5.56	6.12	5.97	5.75	5.90	10.96	---	5.59	5.58	5.52	5.55
11	6.59	5.56	6.11	6.03	5.63	5.76	10.54	---	5.66	5.55	5.53	5.49
12	7.24	5.54	6.36	7.13	5.63	5.75	9.96	---	5.57	5.66	5.61	5.46
13	7.52	5.53	8.21	7.37	5.68	5.77	9.50	---	5.53	5.62	5.64	5.43
14	10.05	5.51	8.93	6.55	5.70	5.70	8.78	---	5.53	5.64	5.78	5.42
15	9.47	5.52	8.21	6.05	5.67	5.69	8.18	---	5.47	5.83	6.06	5.42
16	8.87	5.51	7.46	5.85	5.61	5.71	7.50	---	5.45	6.07	7.66	5.42
17	8.14	5.58	7.11	5.72	5.59	5.69	7.05	---	5.50	5.84	6.96	5.44
18	7.69	5.46	6.94	5.61	5.53	5.66	6.70	---	5.48	5.67	6.82	5.42
19	6.79	5.42	6.55	5.79	5.49	5.68	6.42	---	5.47	5.53	6.13	5.40
20	6.40	5.45	6.26	8.02	6.99	5.69	6.20	5.44	5.52	5.49	5.84	5.44
21	6.15	5.44	6.11	7.37	7.43	5.65	6.00	5.49	5.49	5.49	5.66	5.49
22	6.00	5.45	6.04	6.54	6.65	5.55	5.82	5.51	5.45	5.49	5.62	5.54
23	5.84	5.51	6.08	6.02	6.03	5.55	5.82	5.53	5.47	5.70	5.82	5.51
24	5.80	5.57	6.24	5.86	5.74	5.56	5.80	5.54	5.50	5.61	5.88	5.44
25	5.73	5.65	5.96	6.09	5.70	5.59	---	5.55	5.56	6.02	5.67	5.44
26	5.67	5.62	5.82	6.29	5.63	5.57	---	5.52	5.51	5.86	5.55	5.48
27	5.58	5.63	5.71	6.04	5.55	5.57	---	5.55	5.71	5.74	5.49	5.35
28	5.53	5.85	5.70	5.92	5.52	6.39	---	5.56	6.25	5.69	5.46	5.38
29	5.54	8.79	5.73	5.81	---	5.99	---	5.53	6.48	5.59	5.47	5.42
30	5.56	8.71	5.73	5.74	---	5.79	---	5.54	5.92	5.66	5.48	5.43
31	5.57	---	5.65	5.69	---	8.79	---	5.63	---	6.12	5.49	---
MAX	---	8.79	8.93	8.02	7.43	---	---	---	6.48	6.12	7.66	5.61
MIN	---	5.42	5.65	5.57	5.49	---	---	---	5.45	5.46	5.41	5.35

07386850 VERMILION RIVER NEAR LAFAYETTE, LA.

LOCATION.--Lat 30°13'08", long 91°56'20", sec. 93, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at Lake Martin Road, approximately 1.6 miles southeast of the intersection of Lake Martin Road and State Highway 94, southest of Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded 12.78 ft, June 10, 2001; minimum gage height, 0.64 ft, Dec. 12, 13, 14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.99 ft, Apr. 8; minimum gage height, 0.97 ft, Feb. 27, 28.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.15	2.86	4.91	1.64	2.77	4.44	5.59	---	3.43	3.85	3.39	2.67
2	2.97	2.92	4.78	1.32	1.89	7.74	5.55	---	3.30	3.58	2.98	2.71
3	2.88	2.93	4.44	1.37	2.24	7.08	5.31	---	3.25	3.47	2.64	2.92
4	2.90	2.85	4.08	1.56	2.11	6.99	4.86	---	3.27	3.25	2.64	3.23
5	2.93	2.66	3.87	3.95	2.10	6.85	4.23	---	3.35	2.96	2.62	3.37
6	3.02	2.74	3.57	6.27	2.47	6.58	3.79	---	3.38	2.72	2.53	3.29
7	2.64	2.45	3.28	5.48	2.28	6.16	3.67	3.13	3.27	2.78	2.52	3.39
8	2.83	2.26	3.02	4.88	2.14	5.61	7.26	3.27	3.34	2.99	2.83	3.65
9	3.03	2.49	2.54	4.25	2.48	5.04	9.22	3.33	3.25	3.23	2.94	3.53
10	3.78	2.37	2.31	3.65	2.41	4.21	8.74	3.09	3.66	3.28	2.98	3.33
11	4.48	2.30	2.50	3.31	1.58	3.67	8.70	3.11	3.78	3.10	3.13	3.11
12	4.78	2.09	3.20	4.15	1.67	3.70	8.63	3.35	3.49	3.14	3.56	2.85
13	6.34	2.31	3.87	4.82	1.91	3.33	8.50	3.30	3.33	3.17	3.40	2.74
14	7.48	2.57	4.90	4.36	1.79	3.45	8.30	2.79	3.14	3.27	3.39	2.88
15	7.10	2.71	4.83	3.71	2.12	3.49	8.04	2.96	2.89	3.41	4.18	2.79
16	7.01	2.70	4.74	3.29	2.01	3.39	7.70	3.10	3.03	3.61	5.27	2.68
17	6.77	2.40	4.75	3.06	1.69	3.35	7.26	3.23	3.24	3.10	5.10	2.57
18	6.45	2.22	4.41	2.76	1.93	3.24	6.73	3.06	3.00	2.60	5.19	2.65
19	6.07	2.17	3.89	2.79	2.58	3.22	6.13	2.28	3.12	2.19	4.78	2.85
20	5.57	1.95	3.30	4.10	3.04	3.34	5.47	2.43	3.16	2.03	4.25	3.04
21	5.08	1.87	3.12	---	3.56	2.97	4.87	2.66	3.07	1.99	3.76	2.86
22	4.62	2.37	3.17	---	3.25	2.32	4.47	2.80	3.00	2.05	3.71	2.96
23	4.22	2.80	3.39	---	2.56	2.45	4.30	3.00	3.04	2.34	3.89	2.76
24	3.98	2.94	2.98	---	2.26	2.88	4.09	3.04	3.13	2.76	3.63	2.65
25	3.67	2.50	2.72	2.67	2.65	3.00	---	3.04	3.22	4.02	3.27	2.92
26	3.30	2.75	2.42	2.41	2.27	4.56	---	2.99	3.27	3.51	2.90	2.27
27	3.06	2.81	1.88	2.62	1.16	4.63	---	3.04	3.69	3.26	2.70	2.35
28	2.78	3.01	2.63	2.66	1.57	4.23	---	3.14	4.42	3.07	2.55	2.75
29	2.56	4.85	2.71	2.57	---	3.92	---	3.11	4.76	2.88	2.41	2.83
30	2.25	4.97	2.39	2.57	---	3.64	---	3.11	4.16	2.95	2.53	2.77
31	2.77	---	2.09	2.75	---	4.55	---	3.41	---	3.17	2.64	---
MAX	7.48	4.97	4.91	---	3.56	7.74	---	---	4.76	4.02	5.27	3.65
MIN	2.25	1.87	1.88	---	1.16	2.32	---	---	2.89	1.99	2.41	2.27

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30°13'02", long 91°59'34", on line between secs. 76 and 142, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on Surrey Street at Lafayette, 0.6 mi north of Lafayette Airport, and 1.4 mi upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 2.74 ft below NAVD 88. Prior to 1996 datum of gage was 2.85 ft below NGVD of 1929. Prior to 1982, datum of gage was 2.31 ft below NGVD of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1985, water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharges. Records poor. Discharges are affected by tide at all stages: diversions above and below station for irrigation. Reverse flow at times during year. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 6,280 ft^3/s, July 17, 1989; maximum gage height 15.81 ft, Jan. 20, 1993; maximum negative discharge, -8,390 ft^3/s, Dec. 18, 1995; minimum gage height 0.79 ft, Nov. 20, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge recorded, 2,440 ft^3/s, Oct. 15; maximum negative discharge, -2,120 ft^3/s, Mar. 1; maximum gage height, 13.29 ft, Apr. 8; minimum, 3.07 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	843	679	1050	331	597	-219	1290	---	789	998	898	596
2	857	647	956	330	595	103	1180	---	791	966	837	574
3	852	541	879	424	547	1840	1170	---	764	913	683	495
4	795	515	767	431	593	2030	1080	---	751	875	595	492
5	789	505	731	-16	550	1600	905	---	666	838	578	621
6	813	471	868	601	563	1590	810	---	796	799	570	605
7	771	424	863	825	680	1730	631	---	776	---	503	534
8	748	328	796	781	644	1520	---	598	793	---	486	488
9	749	427	775	817	596	1320	---	637	792	---	550	658
10	561	416	644	859	603	1220	---	749	550	---	522	661
11	660	369	670	928	570	979	---	608	761	768	484	645
12	939	346	639	722	486	864	---	589	836	782	430	643
13	---	355	859	1170	504	938	---	719	820	810	684	573
14	---	343	1230	1120	523	851	---	799	827	771	586	502
15	1740	355	1330	993	486	779	---	625	783	824	312	587
16	1780	347	1170	835	523	765	---	632	670	930	861	499
17	1760	367	1040	756	476	730	---	650	697	765	1050	472
18	1600	347	1170	708	438	731	---	822	749	668	1040	525
19	1490	316	962	660	415	697	---	753	691	550	1220	499
20	1380	373	880	1020	605	670	---	610	744	484	1120	541
21	1230	349	736	---	915	775	---	639	773	465	988	607
22	1200	315	651	---	855	708	---	640	732	473	794	625
23	1050	333	633	---	694	600	---	607	701	572	922	636
24	889	337	727	670	555	601	---	636	708	526	975	603
25	777	283	603	701	476	599	---	667	729	969	873	553
26	743	243	561	747	543	675	---	671	748	912	790	689
27	699	278	495	657	478	1100	---	668	690	812	735	520
28	651	292	417	627	399	990	---	703	832	781	676	494
29	553	534	475	577	---	834	---	724	1050	721	651	550
30	520	1030	487	544	---	718	---	726	1110	734	596	542
31	661	---	423	498	---	872	---	678	---	760	593	---
TOTAL	---	12465	24487	---	15909	29210	---	---	23119	---	22602	17029

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.58	5.32	6.89	4.19	5.25	6.83	7.43	5.69	5.86	6.27	5.77	5.18
2	5.40	5.38	6.85	3.80	4.24	10.41	7.45	5.79	5.73	6.00	5.41	5.23
3	5.33	5.39	6.60	3.75	4.66	9.19	7.35	5.72	5.68	5.88	5.11	5.47
4	5.38	5.31	6.33	3.98	4.52	8.95	6.96	5.62	5.72	5.67	5.16	5.78
5	5.43	5.09	6.17	6.33	4.52	8.85	6.45	5.02	5.81	5.36	5.15	5.94
6	5.49	5.19	5.90	8.68	4.93	8.67	6.06	5.25	5.83	5.10	5.06	5.86
7	5.07	4.98	5.60	7.58	4.58	8.34	6.03	5.66	5.68	---	5.06	5.96
8	5.31	4.78	5.35	7.05	4.45	7.90	9.86	5.82	5.76	---	5.41	6.27
9	5.54	4.98	4.81	6.54	4.91	7.42	12.03	5.89	5.65	---	5.50	6.11
10	6.34	4.83	4.64	5.97	4.87	6.57	11.01	5.59	6.12	5.65	5.56	5.90
11	7.08	4.76	4.82	5.66	3.95	6.07	10.77	5.64	6.27	5.52	5.72	5.67
12	7.28	4.62	5.60	6.50	4.09	6.12	10.61	5.92	5.94	5.56	6.15	5.39
13	---	4.82	6.05	7.01	4.36	5.61	10.46	5.83	5.78	5.56	5.97	5.28
14	---	5.10	6.97	6.61	4.22	5.80	10.29	5.21	5.57	5.70	5.94	5.44
15	9.29	5.25	6.85	6.02	4.60	5.88	10.07	5.42	5.27	5.79	6.72	5.35
16	9.12	5.23	6.90	5.65	4.49	5.77	9.78	5.63	5.45	5.96	7.77	5.23
17	8.85	4.89	7.02	5.46	4.14	5.74	9.42	5.71	5.72	5.58	7.49	5.18
18	8.60	4.70	6.60	5.17	4.41	5.63	8.95	5.49	5.44	5.10	7.62	5.23
19	8.28	4.68	6.19	5.14	5.16	5.63	8.41	4.66	5.59	4.71	7.29	5.41
20	7.83	4.40	5.59	6.05	5.45	5.77	7.82	4.86	5.60	4.57	6.77	5.61
21	7.39	4.31	5.49	6.28	5.75	5.33	7.28	5.12	5.50	4.53	6.26	5.40
22	6.96	4.87	5.60	5.95	5.55	4.59	6.82	5.26	5.43	4.59	6.25	5.49
23	6.60	5.34	5.82	5.62	4.92	4.78	6.61	5.49	5.47	4.83	6.38	5.27
24	6.37	5.48	5.31	5.33	4.70	5.30	6.42	5.51	5.58	5.19	6.11	5.17
25	6.06	4.95	5.13	5.07	5.17	5.45	6.16	5.51	5.66	6.46	5.76	5.45
26	5.68	5.26	4.86	4.69	4.75	6.83	5.88	5.45	5.71	5.95	5.37	4.70
27	5.46	5.32	4.26	5.01	3.47	6.69	5.96	5.50	6.12	5.73	5.17	4.84
28	5.17	5.49	5.12	5.11	3.98	6.46	5.86	5.60	6.78	5.55	5.04	5.30
29	5.06	7.19	5.19	5.05	---	6.24	5.37	5.55	7.16	5.36	4.88	5.37
30	4.75	6.97	4.84	5.06	---	6.00	5.54	5.53	6.54	5.40	5.03	5.31
31	5.22	---	4.61	5.26	---	6.62	---	5.85	---	5.58	5.15	---
MAX	---	7.19	7.02	8.68	5.75	10.41	12.03	5.92	7.16	---	7.77	6.27
MIN	---	4.31	4.26	3.75	3.47	4.59	5.37	4.66	5.27	---	4.88	4.70

07386940 VERMILION RIVER AT HWY. 733 NEAR LAFAYETTE, LA.

LOCATION.--Lat 30°08'30", long 92°04'32", sec. 76, T. 10 S., R. 4 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at State Highway 733, about 1.2 miles southeast of intersection of State Highway 167 and State Highway 733, near Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.07 ft, Oct. 26, 1996; minimum, -0.68 ft, Dec. 12, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.62 ft, Apr. 8; minimum, -0.65 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.18	2.23	2.77	1.29	1.91	4.94	2.87	2.69	2.67	2.76	2.17	2.26
2	2.02	2.31	2.79	0.70	0.67	7.81	3.12	2.78	2.57	2.56	1.87	2.36
3	2.08	2.35	2.56	0.33	1.58	4.58	2.86	2.68	2.59	2.49	1.95	2.75
4	2.28	2.17	2.58	0.98	1.23	3.30	2.24	2.49	2.63	2.24	2.18	3.02
5	2.38	1.85	2.71	4.08	1.51	3.39	2.09	2.07	2.83	1.83	2.21	3.08
6	2.18	2.14	2.41	5.28	1.81	3.52	2.11	2.52	2.60	1.60	2.07	3.08
7	1.77	1.95	2.12	2.71	0.78	3.41	2.78	2.78	2.44	2.06	2.29	3.30
8	2.27	2.00	1.98	2.28	1.08	3.36	8.30	3.04	2.56	2.27	2.61	3.66
9	2.72	1.97	1.04	2.14	1.93	3.21	9.78	2.98	2.46	2.73	2.66	3.27
10	3.90	1.82	1.38	1.82	1.58	2.00	7.03	2.41	3.23	2.59	2.82	2.99
11	4.38	1.80	1.65	1.87	0.34	2.39	5.70	2.82	3.22	2.33	3.03	2.72
12	4.11	1.76	2.69	3.35	1.16	2.53	5.14	3.12	2.75	2.36	3.42	2.37
13	6.50	1.96	2.66	2.96	1.33	1.51	4.89	2.67	2.55	2.19	2.98	2.39
14	7.09	2.32	3.01	2.55	1.13	2.39	4.74	1.70	2.16	2.53	3.16	2.72
15	4.82	2.42	2.71	1.97	1.79	2.58	4.60	2.48	1.93	2.58	3.99	2.44
16	4.28	2.32	3.18	2.00	1.30	2.43	4.48	2.60	2.48	2.55	4.66	2.39
17	3.63	1.86	3.41	1.94	1.12	2.49	4.30	2.65	2.65	2.39	3.86	2.37
18	3.74	1.68	2.22	1.69	1.70	2.42	3.95	1.82	2.31	1.90	3.78	2.37
19	3.56	1.77	2.30	1.86	2.58	2.55	3.65	0.98	2.62	1.67	3.62	2.72
20	3.26	1.21	1.41	1.76	2.34	2.75	3.34	1.80	2.50	1.66	3.21	2.88
21	3.12	1.36	2.04	2.22	2.22	1.60	3.16	2.04	2.29	1.63	2.85	2.47
22	2.89	2.16	2.49	2.13	1.90	0.74	2.71	2.25	2.32	1.73	2.96	2.55
23	2.82	2.60	2.51	2.21	1.49	1.59	2.54	2.61	2.44	1.84	2.87	2.34
24	2.82	2.71	1.49	2.14	1.66	2.26	2.67	2.58	2.55	2.20	2.63	2.24
25	2.45	1.87	1.81	1.42	2.41	2.40	2.43	2.47	2.61	2.93	2.35	2.48
26	2.09	2.53	1.35	1.00	1.45	3.60	2.35	2.42	2.62	2.42	2.00	1.05
27	1.96	2.51	0.76	1.82	-0.41	2.36	2.93	2.50	3.07	2.37	1.86	2.02
28	1.78	2.80	2.28	2.01	1.27	2.62	2.97	2.56	3.65	2.27	1.81	2.55
29	1.93	4.04	2.11	2.06	---	2.60	2.26	2.43	3.81	2.26	1.74	2.49
30	1.82	2.74	1.57	2.16	---	2.58	2.38	2.39	3.02	2.22	2.04	2.52
31	2.22	---	1.51	2.48	---	2.96	---	2.83	---	2.17	2.21	---
MAX	7.09	4.04	3.41	5.28	2.58	7.81	9.78	3.12	3.81	2.93	4.66	3.66
MIN	1.77	1.21	0.76	0.33	-0.41	0.74	2.09	0.98	1.93	1.60	1.74	1.05

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", on line between secs. 60 and 61, T. 12 S., R. 3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi south of Abbeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to September 1984 (gage heights only) October 1984 to current year. Unpublished gage-height records, August 1960 to September 1978, available in files of the Louisiana District Office, Baton Rouge, La.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 3.46 ft below NGVD of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways). Prior to 1997 datum of gage is 3.34 ft below NGVD of 1929. Prior to 1982 datum of gage 2.95 ft below NGVD of 1929.

REMARKS.--No estimated daily discharges. Records poor. Discharge affected by tide at all stages. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 15,800 ft^3/s, Oct. 28, 1985; maximum gage height recorded, 12.06 ft, May 31, 1979; maximum negative discharge recorded, -2,800 ft^3/s, Aug. 15, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum positive recorded discharge, 11,900 ft^3/s, Apr. 8; maximum negative recorded discharge, -2.190 ft^3/s, Aug. 7; maximum gage height, 10.39 ft, April 8; minimum gage height, 2.85 ft, May 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	716	544	1050	---	1750	2320	1280	328	---	1090	870	---
2	739	624	1240	---	336	6350	1100	---	---	750	836	---
3	613	571	1110	---	668	3520	1410	469	512	931	464	---
4	628	790	901	---	593	2010	1220	647	761	1050	533	---
5	598	753	804	---	389	1840	969	381	648	896	505	---
6	1260	578	991	---	908	1660	---	196	1150	650	535	---
7	453	601	847	---	849	1610	401	562	777	445	-222	---
8	629	269	831	---	219	1270	6430	482	853	346	939	---
9	252	579	862	---	409	1560	8800	915	753	752	633	---
10	846	476	413	---	970	1200	5730	807	902	914	465	---
11	1790	355	246	---	579	573	3420	206	1210	468	435	---
12	1900	322	558	---	271	1290	2740	482	765	600	797	---
13	3750	265	1090	---	564	664	2550	1050	809	370	613	---
14	5820	307	1780	---	460	588	2390	495	1020	1560	865	---
15	2490	493	1010	---	299	637	2240	---	528	1240	1570	---
16	2390	664	976	---	795	634	2060	---	652	1250	2860	---
17	1820	685	1690	---	409	701	2030	---	1130	1050	1370	---
18	1750	595	1230	826	---	594	1860	---	626	790	1780	---
19	1670	490	1140	788	---	354	1490	---	337	469	1370	---
20	1470	739	841	965	---	650	1230	510	737	369	820	---
21	1260	298	631	1080	---	1140	1080	616	733	370	841	---
22	1110	100	574	665	---	516	1020	490	541	291	926	---
23	942	428	---	671	---	279	788	539	414	---	287	---
24	885	528	---	634	---	456	---	486	479	496	442	---
25	1010	441	---	1120	---	525	896	585	385	1390	864	---
26	835	352	---	363	1190	2210	---	503	415	892	493	---
27	833	418	---	476	510	1220	182	554	993	614	325	---
28	569	16	---	532	-262	863	809	609	1480	690	195	---
29	635	2070	---	453	---	924	499	658	2190	595	427	---
30	433	1350	764	412	---	586	400	548	911	584	416	---
31	515	---	806	565	---	1050	---	---	---	670	463	---
TOTAL	40611	16701	---	---	---	39794	---	---	---	---	23717	---

07386980 VERMILION RIVER AT PERRY, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.77	4.96	4.93	---	3.99	6.48	4.67	5.36	---	5.11	4.58	5.01
2	4.64	5.00	4.90	---	3.48	8.26	5.21	---	---	5.01	4.36	5.14
3	4.75	5.03	4.76	---	4.25	5.08	4.70	5.36	5.29	4.99	4.72	5.59
4	4.99	4.76	4.97	---	3.96	3.99	4.12	5.10	5.31	4.68	4.90	5.69
5	5.11	4.44	5.23	---	4.34	4.47	4.25	4.76	5.57	4.27	4.91	5.73
6	4.42	4.79	4.87	---	4.38	4.95	---	5.37	5.15	4.16	4.73	5.88
7	4.50	4.60	4.63	---	3.26	4.97	5.48	5.59	5.05	4.75	5.02	6.19
8	4.97	4.79	4.55	---	3.82	5.30	8.16	5.87	5.11	4.91	5.12	6.53
9	5.54	4.61	3.49	---	4.66	5.13	9.68	5.67	5.02	5.15	5.33	6.03
10	6.36	4.55	4.13	---	4.00	3.85	7.92	5.04	5.74	4.92	5.66	5.73
11	6.53	4.58	4.44	---	3.11	4.98	6.45	5.64	5.72	4.91	5.87	5.41
12	6.10	4.56	5.39	---	3.99	4.74	5.91	5.89	5.30	4.89	5.94	5.04
13	7.56	4.78	4.98	---	4.05	3.91	5.64	5.10	5.09	4.63	5.62	5.15
14	7.72	5.15	4.71	---	3.87	5.03	5.59	4.20	4.62	5.00	5.74	5.53
15	6.13	5.20	4.97	---	4.63	5.24	5.54	5.19	4.50	5.03	6.05	5.16
16	5.47	5.02	5.56	---	3.85	5.06	5.66	---	5.04	4.95	6.24	5.09
17	4.91	4.52	5.39	---	3.90	5.11	5.57	---	5.05	4.92	5.86	5.09
18	5.29	4.34	4.12	4.23	4.59	5.09	5.38	---	4.96	4.48	5.59	---
19	5.17	4.45	4.48	4.33	5.44	5.27	5.32	---	5.34	4.36	5.46	5.60
20	5.05	3.78	3.71	3.97	4.92	5.43	5.25	4.50	5.15	4.40	5.38	5.68
21	5.17	4.21	4.69	4.43	4.78	3.82	5.34	4.70	4.87	4.36	5.25	5.22
22	5.05	5.05	5.22	4.64	4.23	3.38	4.88	4.98	4.99	4.49	5.28	5.27
23	5.20	5.40	4.70	4.75	4.03	4.31	4.84	5.39	5.12	---	5.15	---
24	5.28	5.42	3.93	4.77	4.40	4.95	---	5.35	5.14	4.58	5.05	5.06
25	4.89	4.63	4.47	3.62	5.12	5.05	4.86	5.13	5.21	4.91	4.82	5.00
26	4.62	5.34	3.80	3.68	3.85	5.23	4.94	5.10	5.18	4.86	4.62	3.50
27	4.52	5.31	3.48	4.49	2.93	4.31	5.69	5.17	5.45	4.90	4.53	4.88
28	4.47	5.66	---	4.66	4.25	5.02	5.63	5.20	5.75	4.86	4.49	5.35
29	4.65	5.77	---	4.77	---	5.04	4.89	5.02	5.87	4.85	4.47	5.15
30	4.64	4.57	4.20	4.93	---	5.18	5.04	5.00	5.43	4.89	4.77	5.34
31	4.98	---	4.14	5.23	---	5.18	---	---	---	4.71	4.96	---
MAX	7.72	5.77	---	---	5.44	8.26	---	---	---	---	6.24	---
MIN	4.42	3.78	---	---	2.93	3.38	---	---	---	---	4.36	---

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA

LOCATION.--Lat 29°42'47", long 91°52'49", sec. 30, T. 15 S., R. 6 E., St. Mary Parish, Hydrologic Unit 08080103, on bulkhead at Cypremort Point Yacht Club.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORD

PERIOD OF RECORD.--October 1997 to current year. Prior to October 1997 records for this site are located at Louisiana Department of Wildlife and Fisheries.

GAGE.--Water-stage recorder. Datum of gage is NAVD 1988.

REMARKS.--Elevations affected by wind and tide at all stages. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum elevation recorded, 5.07 ft, Sept. 11, 1998; minimum recorded, -1.84 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.01 ft, Oct. 13; minimum gage height, -1.84 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.52	0.47	1.11	2.04	0.55	1.35	1.98	-0.25	1.02	1.26	-0.81	0.13
2	1.58	0.42	1.01	2.16	0.43	1.38	1.86	-0.32	0.88	0.45	-0.97	-0.35
3	1.80	0.58	1.14	2.14	0.26	1.38	1.73	-0.39	0.78	0.45	-1.61	-0.64
4	1.89	0.72	1.35	1.87	0.00	1.09	1.88	-0.16	0.99	1.42	-0.13	0.39
5	1.91	0.73	1.47	2.00	-0.33	0.76	2.09	0.28	1.28	2.00	0.90	1.48
6	1.72	-0.92	0.32	2.00	0.06	1.13	1.79	0.01	0.92	2.00	-1.68	-0.54
7	1.68	0.25	0.96	1.90	-0.11	0.92	1.66	0.00	0.77	0.17	-1.72	-0.73
8	2.06	0.43	1.35	2.01	0.35	1.26	1.53	-0.39	0.64	0.95	-0.40	0.34
9	2.54	1.12	1.90	2.03	0.06	0.95	0.46	-0.76	-0.17	0.82	-0.60	0.21
10	3.10	1.68	2.49	1.70	0.24	0.94	0.99	-0.01	0.56	1.24	-0.58	0.41
11	3.69	0.80	2.35	1.44	0.64	1.06	1.94	-0.21	0.83	1.32	-0.37	0.59
12	2.61	1.53	2.17	1.71	0.34	1.05	2.16	0.55	1.42	1.13	-0.64	0.32
13	5.01	0.99	2.90	1.89	0.33	1.24	2.42	-0.07	1.14	1.44	-0.64	0.41
14	1.40	-0.21	0.73	2.19	0.49	1.47	1.90	-0.77	0.39	1.47	-0.10	0.84
15	2.77	0.67	1.88	2.36	0.47	1.54	2.38	-0.09	1.07	1.22	-0.76	0.29
16	2.05	-0.31	0.86	2.18	0.13	1.24	2.46	0.35	1.51	1.50	0.06	0.90
17	2.01	-0.12	0.80	1.60	-0.27	0.80	2.50	-0.46	0.94	1.34	-0.10	0.71
18	2.04	0.35	1.24	1.66	-0.49	0.62	1.65	-0.63	0.16	1.28	-0.12	0.57
19	1.86	0.02	1.08	1.75	-0.32	0.74	1.64	-0.84	0.29	1.43	-0.84	0.42
20	2.02	0.01	1.08	1.30	-0.95	0.02	1.26	-0.93	-0.10	1.56	-0.65	0.40
21	2.19	0.18	1.25	1.69	0.11	0.73	1.55	0.43	0.88	1.56	0.13	0.65
22	2.07	0.22	1.16	1.98	1.14	1.50	1.73	0.93	1.38	1.51	0.19	0.92
23	2.25	0.51	1.42	2.27	1.26	1.69	1.86	-0.34	0.51	1.53	0.21	1.00
24	2.34	0.82	1.57	2.60	0.79	1.71	1.21	-0.71	0.21	1.90	0.12	1.04
25	2.04	0.08	0.98	1.98	0.33	1.08	1.21	0.04	0.66	0.97	-1.56	-0.48
26	1.42	0.43	0.96	2.03	1.17	1.56	0.55	-0.78	-0.05	1.51	-0.89	0.24
27	1.50	-0.12	0.86	2.01	0.92	1.57	1.60	-1.05	0.05	1.71	-0.32	0.83
28	1.41	-0.12	0.82	3.38	1.16	2.04	1.93	-0.07	1.08	1.76	-0.19	0.91
29	1.34	0.44	0.98	3.12	0.38	1.38	1.75	-0.18	0.91	1.81	-0.12	1.02
30	1.69	0.36	1.09	1.74	-0.50	0.61	1.59	-0.60	0.45	1.77	0.12	1.16
31	1.87	0.67	1.34	---	---	---	1.38	-0.95	0.30	1.98	0.58	1.41
MONTH	5.01	-0.92	1.31	3.38	-0.95	1.16	2.50	-1.05	0.70	2.00	-1.72	0.48

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.41	-1.74	-0.78	2.41	1.28	1.93	1.64	-0.61	0.81	3.06	0.04	1.75
2	1.10	-1.66	-0.20	2.73	0.30	1.83	2.29	0.30	1.39	2.62	1.10	1.73
3	1.02	0.15	0.58	1.17	-1.82	-1.16	1.63	-0.17	0.80	2.47	0.79	1.67
4	0.79	-0.50	0.24	0.70	-1.74	-0.29	1.28	-0.90	0.26	2.01	0.54	1.29
5	1.51	-0.18	0.63	1.09	-0.72	0.35	1.59	-0.57	0.49	1.74	0.50	1.14
6	1.44	-0.28	0.55	1.66	-0.01	0.86	1.89	-0.31	0.82	2.23	1.32	1.69
7	0.20	-1.68	-0.67	1.84	-0.09	0.94	2.52	0.99	1.76	2.18	1.42	1.80
8	1.44	-0.76	0.34	2.21	0.40	1.40	2.58	0.68	1.85	2.56	1.63	2.12
9	1.78	-0.02	0.96	2.17	-0.22	1.08	2.62	1.29	1.91	2.56	0.71	1.85
10	1.33	-1.09	0.17	1.33	-1.34	-0.14	2.12	0.82	1.43	1.93	0.71	1.30
11	0.45	-1.72	-0.66	2.03	0.39	1.27	2.00	1.09	1.58	2.65	0.83	1.95
12	1.17	-0.40	0.48	2.26	-0.26	0.82	2.11	0.83	1.51	2.85	0.96	2.08
13	0.97	-0.28	0.56	1.34	-0.66	0.38	1.87	0.75	1.36	2.46	-0.69	1.14
14	1.25	-0.48	0.30	1.79	0.77	1.37	2.05	0.62	1.40	1.93	-1.24	0.34
15	1.46	0.48	1.05	1.86	1.07	1.50	2.04	0.53	1.37	2.13	0.31	1.48
16	1.04	-0.63	0.16	1.83	0.99	1.40	2.05	0.54	1.50	---	---	---
17	0.86	-0.01	0.39	1.92	0.90	1.43	1.88	0.58	1.37	2.88	0.39	1.37
18	1.66	0.17	0.99	1.71	0.73	1.38	1.91	0.33	1.21	0.39	-0.59	-0.12
19	2.07	1.11	1.64	2.00	0.69	1.52	2.10	0.35	1.23	1.26	-1.51	0.06
20	1.93	0.66	1.26	2.42	0.86	1.70	2.11	0.35	1.28	1.75	-0.22	0.82
21	1.90	0.16	1.14	1.31	-1.09	-0.12	2.33	0.69	1.50	1.81	0.29	1.06
22	1.48	-0.70	0.37	0.99	-1.66	-0.24	1.68	0.27	0.99	1.82	0.68	1.29
23	1.50	-0.69	0.37	1.94	-0.39	0.86	1.78	0.31	1.07	2.01	0.70	1.60
24	2.19	-0.46	0.82	2.07	0.27	1.31	1.89	0.74	1.34	2.02	0.61	1.55
25	2.25	0.30	1.29	1.98	0.40	1.35	1.71	0.33	1.05	1.92	0.39	1.39
26	2.07	-1.60	-0.12	1.95	-0.14	0.70	1.75	0.33	1.22	2.06	0.39	1.44
27	0.34	-1.84	-1.28	1.53	-0.23	0.60	3.05	0.55	2.08	2.29	0.38	1.51
28	1.56	-0.06	0.84	1.81	0.60	1.26	2.65	0.68	1.80	2.30	0.46	1.51
29	---	---	---	1.94	0.51	1.29	1.99	0.18	1.24	2.29	0.31	1.41
30	---	---	---	2.07	0.45	1.46	2.53	0.09	1.49	2.41	0.13	1.42
31	---	---	---	2.53	-0.08	1.33	---	---	---	2.58	0.57	1.63
MONTH	2.25	-1.84	0.41	2.73	-1.82	0.95	3.05	-0.90	1.30	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.10	0.55	1.47	1.72	0.57	1.18	1.19	-0.07	0.81	2.08	0.36	1.26
2	2.04	0.99	1.49	1.63	0.74	1.13	1.41	-0.12	0.65	2.20	0.39	1.40
3	2.30	1.21	1.67	1.54	0.52	1.08	1.51	0.36	1.04	2.93	0.58	1.91
4	1.97	1.23	1.62	1.33	0.03	0.86	2.06	0.24	1.22	2.46	0.69	1.90
5	2.47	1.27	1.87	0.98	-0.37	0.43	2.19	-0.01	1.24	---	---	---
6	1.74	0.69	1.40	0.99	-0.16	0.49	1.98	-0.17	1.10	---	---	---
7	1.83	0.55	1.37	1.86	0.00	1.09	2.08	-0.17	1.33	---	---	---
8	2.05	0.42	1.43	1.76	0.14	1.19	1.89	0.12	1.22	---	---	---
9	1.95	0.38	1.31	2.02	0.07	1.29	2.33	0.03	1.51	---	---	---
10	2.96	0.38	1.96	1.72	-0.01	1.05	2.55	0.88	1.92	---	---	---
11	2.59	0.44	1.71	2.10	-0.12	1.25	2.57	1.15	2.10	---	---	---
12	2.40	0.38	1.53	1.87	0.08	1.17	2.52	1.49	2.00	---	---	---
13	2.20	0.37	1.39	1.76	-0.07	0.91	2.18	1.46	1.76	---	---	---
14	1.79	-0.15	1.00	1.74	0.14	0.94	2.53	0.90	1.70	---	---	---
15	1.90	-0.48	0.93	1.71	0.43	0.96	2.64	0.93	1.87	---	---	---
16	2.10	0.42	1.44	1.56	0.58	0.94	2.55	0.60	1.54	---	---	---
17	1.90	0.83	1.22	1.73	0.29	1.02	2.46	0.41	1.59	2.01	0.50	1.34
18	2.06	0.83	1.25	1.21	-0.17	0.69	2.26	0.25	1.39	2.11	0.60	1.53
19	1.98	1.14	1.62	1.32	-0.38	0.66	2.14	0.13	1.32	2.43	0.94	1.94
20	1.96	0.50	1.36	1.53	-0.35	0.73	2.12	0.14	1.31	2.59	0.88	1.92
21	1.83	0.24	1.14	1.80	-0.43	0.74	2.06	0.14	1.36	2.23	0.86	1.56
22	2.02	0.16	1.33	1.75	-0.10	0.90	1.93	0.47	1.33	2.04	0.96	1.51
23	2.22	0.16	1.45	1.57	-0.31	0.82	1.77	0.43	1.25	2.25	0.96	1.57
24	2.22	0.27	1.42	1.73	-0.34	0.93	1.74	0.46	1.24	2.28	1.01	1.46
25	2.72	0.32	1.54	1.54	-0.31	0.72	1.52	0.54	1.06	2.20	0.02	0.86
26	2.35	0.30	1.45	1.71	-0.13	0.95	1.53	0.42	0.95	1.54	-1.10	-0.05
27	2.87	0.22	1.58	1.81	0.12	1.12	1.22	0.52	0.93	2.47	0.53	1.45
28	2.48	0.52	1.52	1.60	0.45	1.10	1.34	0.34	0.84	2.54	0.74	1.72
29	2.22	0.76	1.56	1.60	0.71	1.20	1.57	0.38	0.84	2.54	0.23	1.31
30	2.03	0.99	1.50	1.89	0.63	1.15	1.82	0.42	1.15	2.43	0.80	1.70
31	---	---	---	1.49	0.59	0.99	2.05	0.44	1.21	---	---	---
MONTH	2.96	-0.48	1.45	2.10	-0.43	0.96	2.64	-0.17	1.32	---	---	---

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1997 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1997 to current year.
WATER TEMPERATURES: April 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 33,500 microsiemens/cm, July 22, 26, 2000; minimum, 283 microsiemens/cm, Mar. 17, 1998.
WATER TEMPERATURES: Maximum, 33.3°C, July 22, 2002; minimum, 3.0°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 25,500 microsiemens/cm, Sept. 29; minimum, 466 microsiemens/cm, Feb. 19.
WATER TEMPERATURE: Maximum, 33.3°C, July 22; minimum, 5.1°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1350	1130	1210	2780	2220	2560	5410	5120	5300	5590	4620	5260
2	1400	1080	1200	2810	2680	2770	5360	5060	5260	5260	3890	5000
3	1420	1110	1220	2880	2730	2790	5370	5190	5300	4980	2470	3360
4	1460	1140	1250	3040	2650	2840	5340	5210	5290	7230	2470	4900
5	1500	968	1200	3200	2810	2900	5400	5170	5310	6390	4550	5470
6	1710	982	1290	3070	2800	2940	5400	5260	5340	5950	5180	5660
7	1300	1050	1110	3420	2950	3190	5360	5240	5290	5650	4480	4980
8	1410	1080	1240	3510	3320	3400	5270	5180	5240	6000	4690	5270
9	1720	1210	1440	3520	3150	3360	5280	4680	5040	5600	4140	4470
10	1760	1280	1500	3680	3190	3350	4990	4070	4480	5190	4210	4650
11	2060	1520	1800	4290	3300	3430	4550	4070	4290	5770	5000	5400
12	2320	1680	2090	4290	3540	3950	4620	4200	4370	5470	5000	5260
13	2390	1680	1990	4720	4040	4360	6220	4500	5710	5740	5320	5560
14	2460	2070	2320	4720	4450	4640	6110	5450	5760	5820	5560	5700
15	2980	2300	2630	5000	4120	4460	5860	4590	5420	5700	5330	5420
16	3190	2550	2870	5040	4220	4580	5690	3360	5060	5400	5100	5260
17	2780	2570	2670	4550	4160	4420	5880	3380	5230	5290	4850	5090
18	2790	2530	2620	4470	3700	3930	6220	5460	5940	4960	4630	4800
19	2680	2510	2610	3930	3560	3750	6220	5460	5690	5040	4080	4750
20	2670	2100	2380	3820	3480	3670	5520	4860	5250	4720	4590	4640
21	2270	1720	2030	3670	3510	3570	5690	4720	5160	4840	4540	4650
22	2410	1720	2050	3580	3450	3530	5600	4410	5000	4680	4250	4500
23	2850	2240	2530	3750	3520	3600	4800	3690	4460	4610	4130	4440
24	2890	2500	2730	3840	3550	3630	4960	4340	4630	4620	4070	4410
25	2890	2620	2750	4940	3700	3860	4680	3480	4140	4850	4460	4590
26	2700	2590	2630	5040	4440	4690	3790	3040	3350	4640	4420	4500
27	3230	2550	2680	5720	4540	5020	4030	2540	3390	4640	4440	4520
28	2720	2510	2610	6040	3760	5220	3830	2610	3100	4660	4270	4440
29	2640	2330	2600	5890	1480	4990	7720	2870	4470	4570	4040	4420
30	2520	2020	2340	5480	5100	5390	6260	4510	5480	4580	3680	4390
31	2250	1960	2100	---	---	---	5470	4770	5180	4560	2390	4090
MONTH	3230	968	2050	6040	1480	3830	7720	2540	4930	7230	2390	4830

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4640	4290	4420	1870	812	1490	4640	4050	4290	1860	1690	1770
2	4690	4500	4610	2100	760	1500	4640	3190	4400	1880	1640	1790
3	4640	3900	4240	2020	1150	1850	4500	4260	4360	1760	1570	1700
4	4240	3660	3830	1880	1500	1640	4480	4260	4370	1790	1640	1710
5	4160	3820	3990	2970	1730	2500	4450	3910	4320	1970	1730	1800
6	4180	3920	4040	6490	2070	3290	4450	3520	3980	1960	1230	1670
7	4320	3640	4020	6750	3800	4660	4030	1680	3240	1880	1240	1660
8	3960	3740	3850	6610	2650	4930	1680	818	1150	1830	1280	1650
9	3970	3550	3740	5540	1700	4010	2080	875	1800	1780	1330	1630
10	4040	3120	3580	5670	4100	4740	2460	2070	2180	1760	1690	1720
11	3920	3340	3620	5630	4170	5190	2860	2400	2620	1730	888	1220
12	3510	3030	3220	5560	2740	4930	2840	2750	2800	1210	838	972
13	3240	2790	2980	5470	5000	5340	2810	2630	2760	1540	823	1100
14	3240	2880	2980	5490	4810	5320	2790	2540	2630	1620	1250	1400
15	3090	2700	2820	5620	3560	5140	2710	2510	2640	1680	1510	1620
16	3270	2560	2790	5700	5360	5590	2670	2190	2440	---	---	---
17	2820	2380	2560	5670	5170	5470	2580	1740	2190	1870	1600	1750
18	2650	1960	2430	5830	5440	5680	2500	1690	2180	1830	1700	1750
19	2600	466	1550	5670	3700	5020	2280	1270	1980	1840	1720	1800
20	1510	693	1050	5660	3070	4690	2130	1300	1850	1790	1630	1750
21	1960	1310	1580	5410	4810	5090	1950	1120	1670	1750	1360	1520
22	2080	1890	1950	5350	4770	5030	1750	1140	1600	1550	1420	1480
23	2150	1960	2050	5070	4560	4820	1470	1140	1260	1570	1390	1530
24	2210	2040	2120	4900	4470	4670	1540	1220	1320	1470	1020	1320
25	2190	2040	2100	4730	3860	4250	1550	1220	1350	1550	1200	1300
26	2390	2060	2200	4390	3750	3980	1490	1190	1310	1550	1240	1460
27	2360	1320	2110	4130	3840	3960	1460	942	1210	1670	1380	1550
28	2140	1740	1960	4000	3740	3860	1690	1210	1460	1670	1520	1630
29	---	---	---	4170	3770	3900	1640	1350	1440	1680	1630	1670
30	---	---	---	4190	3810	4020	2020	1390	1680	1660	1580	1620
31	---	---	---	4510	4060	4250	---	---	---	1610	1440	1530
MONTH	4690	466	2940	6750	760	4220	4640	818	2420	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1630	1540	1580	1250	956	1090	1040	876	924	5940	4460	4980
2	1640	1500	1570	1090	931	1020	1070	913	969	4730	4050	4580
3	1600	1180	1470	1130	976	1050	3700	921	2150	4490	3910	4380
4	1570	893	1250	1110	1040	1060	3700	2300	2910	4140	3780	3940
5	1480	813	1240	1110	1030	1070	3540	2560	3140	---	---	---
6	1490	1410	1440	1120	1030	1080	3550	2890	3330	---	---	---
7	1490	1250	1410	1120	1060	1080	3800	3490	3610	---	---	---
8	1470	1370	1410	1140	1000	1100	4880	3800	4480	---	---	---
9	1490	1320	1430	1220	1080	1130	4990	3940	4640	---	---	---
10	1490	929	1360	1220	1140	1160	5260	3660	4780	---	---	---
11	1450	1220	1370	1260	1170	1240	5580	3510	4980	---	---	---
12	1450	1320	1390	1330	1210	1300	5500	3040	4980	---	---	---
13	1480	1430	1460	1320	1250	1290	5170	2790	4550	---	---	---
14	1500	1430	1450	1280	1250	1260	5000	2360	4330	---	---	---
15	1520	1340	1460	1280	1230	1260	5000	2860	4530	---	---	---
16	1350	1220	1290	1270	1170	1220	4850	4100	4510	---	---	---
17	1340	1170	1250	1220	1100	1170	6210	3360	4830	6030	5820	5930
18	1280	1150	1230	1260	1100	1190	5260	4400	5010	5910	5680	5810
19	1180	764	1040	1230	1070	1200	5040	4660	4900	5900	5630	5810
20	1170	625	995	1180	1070	1110	4840	4700	4790	5710	5140	5540
21	1280	1050	1100	1170	1060	1090	5280	4720	4980	5170	4580	5000
22	1220	1040	1090	1100	1050	1070	5470	5080	5340	5050	4490	4650
23	1200	1080	1110	1120	1060	1080	5620	5300	5510	4990	4500	4660
24	1450	1110	1290	1130	1040	1060	5440	5050	5360	9510	4570	5940
25	1490	660	1340	1410	1090	1230	5240	4570	4920	8540	4580	5730
26	1420	1310	1380	1450	1240	1360	4710	4380	4530	5960	3090	4600
27	1420	1320	1360	1460	1230	1350	5760	4390	4750	13200	2920	5540
28	1340	1290	1320	1290	1220	1270	4600	4180	4470	20800	7130	15700
29	1310	1220	1260	1270	1020	1100	4580	4250	4450	25500	14200	18600
30	1280	949	1130	1090	1010	1050	4450	3550	4090	22900	11100	17400
31	---	---	---	1060	809	942	9160	3550	4840	---	---	---
MONTH	1640	625	1320	1460	809	1150	9160	876	4240	---	---	---

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	21.7	22.5	20.6	18.6	19.4	17.9	16.8	17.5	9.4	7.8	8.7
2	24.2	22.4	23.2	21.5	19.7	20.5	18.2	17.2	17.7	8.0	6.3	7.0
3	24.1	22.2	23.2	21.7	20.4	21.1	18.6	17.5	18.1	7.1	5.2	5.8
4	23.7	23.0	23.4	21.7	20.8	21.2	19.2	17.9	18.6	6.7	5.1	6.0
5	24.7	23.2	23.9	21.0	19.7	20.0	20.1	19.0	19.6	7.0	5.9	6.5
6	24.4	21.2	23.3	20.8	19.1	19.8	20.5	19.8	20.1	8.6	7.0	7.7
7	21.8	20.0	20.9	20.6	19.7	20.1	20.8	19.9	20.3	9.0	7.5	8.3
8	21.7	20.7	21.2	20.2	19.7	19.9	20.9	19.9	20.3	8.6	7.8	8.2
9	23.3	21.5	22.1	20.7	19.5	20.1	19.9	16.9	18.2	10.1	8.2	9.1
10	23.2	22.7	22.9	21.2	19.7	20.4	16.9	16.3	16.7	10.1	9.1	9.6
11	23.2	22.8	23.0	21.5	20.3	20.7	16.4	15.5	15.9	11.3	9.1	10
12	24.8	22.9	23.6	21.6	20.2	20.7	17.2	15.6	16.5	11.5	10.8	11.2
13	24.8	22.6	23.9	21.4	20.1	20.7	18.1	17.2	17.6	12.0	10.4	11.1
14	22.6	20.9	21.8	21.5	20.2	20.8	18.4	17.1	17.7	11.8	11.2	11.5
15	22.8	21.4	22.0	21.5	20.4	21.0	18.6	17.0	17.8	12.3	10.9	11.7
16	22.3	19.4	21.3	21.1	20.4	20.8	19.5	18.3	18.8	12.8	11.3	12.2
17	19.6	18.2	19.1	20.7	19.8	20.4	19.5	18.4	19.1	14.1	12.1	13.0
18	19.8	18.1	18.9	21.2	19.8	20.4	18.6	17.3	18.0	14.2	13.4	13.9
19	20.2	18.5	19.4	21.7	20.2	20.9	17.9	16.7	17.5	15.2	13.1	14.2
20	22.8	19.8	20.9	21.1	18.1	19.9	16.7	15.0	15.6	13.1	11.6	12.1
21	22.1	20.8	21.4	18.4	16.8	17.6	15.9	14.6	15.3	13.8	11.9	12.9
22	21.5	20.6	21.1	18.1	17.1	17.6	15.9	15.0	15.4	14.9	13.3	14.0
23	21.9	20.9	21.4	19.4	18.0	18.6	16.3	15.1	15.9	16.2	14.7	15.4
24	23.0	21.5	22.4	19.9	19.3	19.6	15.1	13.1	14.0	17.9	15.8	16.7
25	22.8	21.7	22.5	19.9	18.9	19.5	13.1	12.0	12.6	16.8	15.2	16.0
26	21.8	19.9	20.7	20.4	19.3	19.9	12.2	11.1	11.7	15.8	14.1	15.0
27	19.9	18.7	19.3	21.2	20.1	20.6	12.0	10.0	11.0	15.5	14.6	15.1
28	18.7	16.8	17.4	22.2	20.8	21.4	12.6	11.1	11.8	16.3	15.3	15.8
29	18.1	16.4	17.3	22.2	18.3	20.1	13.1	11.9	12.4	17.4	15.9	16.6
30	19.1	17.1	18.0	18.3	17.2	17.7	12.3	11.1	11.8	19.3	17.2	18.1
31	19.6	18.0	18.7	---	---	---	11.6	9.3	10.3	20.0	18.4	19.2
MONTH	24.8	16.4	21.3	22.2	16.8	20.0	20.9	9.3	16.3	20.0	5.1	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.2	14.6	16.8	10.8	9.9	10.3	21.3	20.0	20.4	27.5	26.5	27.0
2	14.6	10.5	13.3	12.4	10.6	11.3	22.1	19.8	20.6	28.1	26.5	27.2
3	13.7	13.0	13.4	11.2	6.8	8.7	22.4	20.8	21.7	28.1	27.1	27.5
4	13.6	12.9	13.1	8.0	5.2	6.7	21.4	18.7	19.4	29.0	27.1	27.9
5	12.9	11.3	12.1	9.2	7.0	8.0	19.5	17.4	18.5	29.5	27.9	28.5
6	11.6	10.3	11.0	10.6	8.5	9.4	18.6	17.3	18.1	29.1	27.7	28.3
7	11.2	9.3	10.4	12.8	9.7	11.0	19.5	17.5	18.5	29.0	27.6	28.2
8	10.6	9.2	9.9	14.5	11.4	12.9	19.4	18.3	18.8	28.6	27.4	28.0
9	11.6	9.7	10.5	15.5	13.4	14.5	20.4	18.2	19.1	28.8	27.3	27.9
10	12.2	11.1	11.6	14.5	12.5	13.6	22.4	19.5	20.5	29.4	27.2	28.0
11	13.0	10.8	11.6	14.9	13.2	14.0	21.2	20.2	20.6	28.7	27.6	28.0
12	12.4	10.9	11.7	16.0	14.7	15.2	22.3	20.4	21.1	28.2	27.2	27.7
13	13.4	11.5	12.5	17.1	15.0	15.9	23.9	21.5	22.3	27.6	25.7	26.9
14	14.2	11.9	13.2	17.3	15.3	16.2	23.8	21.7	22.5	25.7	21.6	23.4
15	13.6	12.8	13.0	18.7	16.9	17.8	24.0	21.9	22.6	24.6	23.0	23.7
16	14.6	12.5	13.4	19.8	18.6	19.0	25.1	22.8	23.9	25.1	23.6	23.9
17	15.3	13.4	14.2	21.0	19.3	19.9	26.1	23.9	24.7	25.3	24.2	24.9
18	16.4	14.0	15.0	21.9	20.3	21.0	26.2	24.3	25.2	24.2	21.7	23.3
19	16.3	15.3	15.8	23.2	21.4	22.3	26.9	24.8	25.6	21.7	19.1	20.5
20	17.7	15.9	16.7	23.6	22.0	22.6	27.4	25.5	26.1	21.7	19.6	20.7
21	18.0	16.7	17.2	22.0	19.5	20.7	27.2	25.4	26.2	22.3	20.9	21.5
22	17.1	15.0	16.1	19.5	16.1	17.3	28.1	25.8	26.9	23.0	21.2	22.0
23	15.9	13.8	14.9	16.8	14.8	15.8	28.0	26.6	27.1	23.5	21.5	22.4
24	16.1	14.3	15.2	17.2	15.8	16.6	28.3	26.1	27.0	24.5	22.0	23.0
25	16.9	15.2	15.9	18.9	17.0	17.9	28.2	26.7	27.4	25.6	23.2	23.9
26	16.3	11.2	14.8	18.8	17.6	18.3	27.9	26.7	27.3	26.2	23.6	24.5
27	11.8	8.2	10.2	18.8	16.1	17.4	27.3	26.2	26.7	26.7	24.6	25.3
28	10.6	8.7	9.8	19.6	17.7	18.6	27.4	26.2	26.8	26.1	24.9	25.4
29	---	---	---	20.4	18.9	19.7	29.1	26.5	27.6	28.2	25.5	26.6
30	---	---	---	21.2	20.0	20.5	28.0	27.1	27.5	27.2	26.1	26.5
31	---	---	---	22.0	20.7	21.2	---	---	---	27.0	25.5	26.2
MONTH	19.2	8.2	13.3	23.6	5.2	15.9	29.1	17.3	23.4	29.5	19.1	25.4

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.1	26.7	29.3	27.8	28.4	31.3	29.6	30.3	30.1	28.9	29.5
2	27.6	26.5	27.0	28.8	28.3	28.5	31.8	29.6	30.6	28.9	28.2	28.6
3	28.5	26.5	27.5	28.8	28.3	28.5	30.8	29.6	30.0	28.2	27.6	27.8
4	29.4	27.5	28.2	31.0	28.2	29.4	30.3	29.3	29.8	27.7	27.2	27.4
5	29.0	27.7	28.3	32.2	29.5	30.7	31.1	29.2	30.0	---	---	---
6	29.4	27.7	28.4	31.8	30.4	31.1	30.7	29.9	30.3	---	---	---
7	30.6	28.3	29.0	31.6	30.2	30.9	30.4	29.2	29.7	---	---	---
8	30.0	28.5	29.2	30.8	29.3	30.0	31.0	29.3	30.1	---	---	---
9	30.5	29.0	29.7	30.3	29.0	29.6	31.1	29.6	30.3	---	---	---
10	29.5	28.4	28.8	31.8	28.8	30.0	30.1	28.4	29.3	---	---	---
11	29.4	27.7	28.4	31.7	29.6	30.6	29.7	28.6	29.1	---	---	---
12	28.9	27.7	28.4	32.5	30.0	30.9	29.2	28.0	28.5	---	---	---
13	30.1	28.5	29.2	30.8	29.3	30.0	29.4	27.6	28.4	---	---	---
14	31.0	29.1	30.0	29.7	28.5	29.1	28.9	27.7	28.3	---	---	---
15	30.8	29.4	30.1	29.4	28.6	29.1	27.8	27.1	27.5	---	---	---
16	30.4	28.6	29.3	29.9	28.6	29.2	28.7	26.9	27.6	---	---	---
17	29.6	28.0	28.6	32.2	28.9	30.3	28.9	27.7	28.4	28.4	27.7	28.1
18	29.0	27.9	28.5	33.1	30.1	31.6	29.4	28.4	28.8	29.1	27.7	28.3
19	29.4	28.0	28.7	32.9	31.1	31.9	30.1	28.6	29.3	29.2	27.8	28.4
20	30.3	28.4	29.0	32.3	30.6	31.4	30.0	28.8	29.4	28.9	28.3	28.6
21	29.9	28.1	29.0	32.6	30.0	31.0	29.9	28.8	29.2	30.5	28.3	29.1
22	29.6	28.6	29.1	33.3	29.8	31.1	30.3	28.5	29.2	29.3	28.5	28.9
23	28.9	28.0	28.3	32.5	30.4	31.2	29.4	28.7	29.0	28.5	27.4	27.9
24	28.4	27.2	27.7	32.2	30.4	31.1	30.5	28.8	29.5	27.6	25.3	26.2
25	28.9	26.9	27.9	30.7	29.5	30.1	31.3	29.6	30.3	25.7	24.1	24.7
26	28.2	27.5	27.7	29.5	28.6	29.1	31.2	30.1	30.6	24.4	23.0	23.4
27	27.5	26.7	27.1	30.0	28.5	29.3	31.6	30.0	30.6	24.4	23.0	23.5
28	27.2	26.5	26.8	31.1	29.3	30.1	31.4	29.9	30.5	25.7	23.9	24.6
29	28.4	26.7	27.3	31.3	29.8	30.6	31.0	29.2	30.1	27.0	24.6	25.5
30	28.6	27.5	27.9	30.6	29.7	30.3	30.9	29.4	29.9	27.0	25.3	26.1
31	---	---	---	31.6	29.6	30.3	30.1	29.1	29.6	---	---	---
MONTH	31.0	26.1	28.4	33.3	27.8	30.2	31.8	26.9	29.5	---	---	---

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA

LOCATION.--Lat 29°40'28", long 92°08'08", sec. 3, T. 16 S., R. 3 E., Vermilion Parish, Hydrologic Unit 08080102, on platform near Louisiana Department of Wildlife and Fisheries boatshed in Bayou Fearman.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Gage height affected by wind and tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.69 ft, Oct. 13, 2001; minimum, 1.40 ft, Dec. 3, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.69 ft, Oct. 13; minimum, 2.27 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.11	5.17	5.70	6.61	5.22	5.94	6.66	4.61	5.70	6.12	4.22	5.10
2	6.12	5.02	5.57	6.78	5.03	5.98	6.61	4.42	5.55	5.38	3.50	4.23
3	6.35	5.26	5.74	6.78	5.01	6.02	6.35	4.41	5.45	4.64	3.07	3.78
4	6.48	5.39	5.99	6.54	4.71	5.75	6.56	4.69	5.74	5.96	4.55	5.01
5	6.42	5.31	6.03	6.52	4.52	5.51	6.81	5.05	6.04	6.62	5.31	6.01
6	6.34	4.32	5.18	6.60	4.65	5.70	6.53	4.74	5.64	5.31	3.09	3.85
7	6.34	4.97	5.64	6.43	4.54	5.48	6.29	4.64	5.43	4.58	2.92	3.71
8	6.70	5.01	5.96	6.58	4.92	5.82	6.17	4.27	5.39	5.52	4.24	4.91
9	7.18	6.05	6.66	6.55	4.67	5.55	4.97	4.05	4.52	5.35	4.01	4.75
10	7.70	6.41	7.17	6.35	4.73	5.52	5.64	4.65	5.21	5.76	4.05	4.94
11	8.14	5.48	6.97	6.04	5.21	5.63	6.87	4.73	5.66	5.89	4.25	5.16
12	7.18	5.95	6.78	6.23	4.96	5.62	6.97	5.26	6.15	5.67	3.87	4.85
13	8.69	5.46	7.41	6.59	5.10	5.87	6.70	4.76	5.74	6.06	3.99	4.98
14	6.02	4.56	5.32	6.94	5.39	6.25	6.33	3.98	5.05	6.03	4.47	5.38
15	7.31	5.34	6.51	7.00	5.26	6.24	7.10	4.79	5.87	5.77	3.91	4.91
16	6.82	4.85	5.77	6.87	4.82	5.91	7.12	5.27	6.29	6.07	4.72	5.50
17	6.65	5.07	5.63	6.26	4.40	5.40	7.01	4.40	5.53	5.98	4.59	5.29
18	6.58	5.02	5.88	6.15	4.26	5.21	6.22	4.05	4.80	5.86	4.45	5.12
19	6.51	4.69	5.70	6.31	4.27	5.32	6.24	4.11	4.98	5.63	4.21	5.06
20	6.48	4.64	5.65	5.82	3.74	4.75	6.04	4.05	4.69	6.11	4.26	5.07
21	6.73	4.83	5.86	6.15	4.70	5.37	6.50	5.26	5.71	6.12	4.65	5.23
22	6.66	4.83	5.76	6.66	5.83	6.22	6.56	5.64	6.13	6.08	4.89	5.51
23	6.79	5.10	5.98	6.97	5.85	6.32	6.62	4.40	5.28	6.17	4.75	5.58
24	6.87	5.27	6.02	7.10	5.37	6.25	5.91	4.13	4.91	6.63	4.79	5.64
25	6.78	4.99	5.85	6.56	5.02	5.69	5.91	4.68	5.36	5.72	3.32	4.37
26	6.26	5.15	5.76	6.67	5.80	6.29	5.21	3.88	4.42	6.06	3.93	4.84
27	6.12	4.99	5.60	6.64	5.53	6.20	6.13	3.54	4.56	6.26	4.32	5.41
28	5.94	4.99	5.60	7.44	5.87	6.65	6.57	4.66	5.71	6.34	4.46	5.49
29	6.05	5.10	5.64	7.51	4.63	5.78	6.34	4.48	5.56	6.34	4.65	5.64
30	6.24	5.02	5.69	6.36	4.22	5.20	6.31	4.22	5.27	6.42	4.95	5.82
31	6.41	5.35	5.97	---	---	---	6.20	4.10	5.17	6.59	5.18	6.01
MONTH	8.69	4.32	5.97	7.51	3.74	5.78	7.12	3.54	5.40	6.63	2.92	5.07

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.72	3.08	3.96	7.50	6.24	7.00	6.02	4.18	5.31	6.91	4.71	5.74
2	5.72	3.59	4.60	7.20	5.35	6.42	6.58	4.80	5.80	6.70	5.13	5.82
3	5.64	4.73	5.15	5.35	2.53	3.47	5.99	4.61	5.27	6.67	5.16	5.94
4	5.50	4.38	4.98	5.20	2.98	4.16	5.76	3.87	4.88	6.12	5.14	5.59
5	6.39	4.92	5.68	5.67	3.91	4.87	5.95	4.17	5.01	5.83	5.08	5.43
6	6.43	4.43	5.14	6.27	4.73	5.52	6.31	4.56	5.35	6.32	5.78	6.03
7	5.02	3.05	3.89	6.41	4.54	5.51	7.06	5.65	6.34	6.42	5.78	6.15
8	6.09	3.94	4.96	6.95	5.08	6.03	7.00	5.75	6.34	6.84	5.85	6.39
9	6.34	4.71	5.60	6.74	5.06	5.72	6.90	5.62	6.16	6.83	5.19	6.10
10	5.83	3.78	4.71	6.00	3.75	4.78	5.97	4.90	5.59	6.31	5.04	5.51
11	5.06	2.99	3.82	6.67	5.22	5.92	6.19	5.26	5.73	7.08	5.29	6.36
12	5.69	4.21	5.01	6.41	4.28	5.23	6.44	5.06	5.63	7.24	5.44	6.43
13	5.60	4.13	4.97	5.82	4.19	4.86	6.23	4.91	5.42	6.52	4.29	5.59
14	5.87	4.07	4.97	6.39	5.45	5.92	6.41	4.84	5.53	6.21	4.21	5.22
15	6.00	5.11	5.66	6.39	5.59	6.02	6.40	4.84	5.64	6.48	4.81	5.88
16	5.70	3.95	4.76	6.38	5.46	5.90	6.51	5.05	5.91	---	---	---
17	5.44	4.55	4.91	6.23	5.43	5.87	6.21	5.07	5.73	6.51	4.72	5.47
18	6.54	4.81	5.71	6.32	5.36	5.95	6.07	4.83	5.50	5.06	4.23	4.61
19	6.57	5.93	6.32	6.55	5.26	6.09	6.17	4.75	5.48	5.58	3.89	4.75
20	6.42	5.13	5.73	6.58	5.42	6.14	6.10	4.80	5.48	5.72	4.84	5.28
21	6.38	4.72	5.68	5.42	3.84	4.55	6.31	5.04	5.65	5.56	4.86	5.21
22	6.04	4.16	5.15	5.52	3.40	4.41	5.83	4.62	5.27	5.73	5.11	5.48
23	5.85	3.93	4.97	6.36	4.31	5.35	5.71	4.75	5.33	6.43	4.96	5.82
24	6.71	4.32	5.41	6.62	4.87	5.81	6.03	4.92	5.51	6.40	4.88	5.81
25	6.87	4.97	5.89	6.48	5.00	5.82	6.15	4.75	5.41	6.28	4.67	5.46
26	6.26	2.64	4.34	6.30	4.53	5.21	6.36	5.05	5.62	6.25	4.60	5.47
27	4.98	2.27	3.07	5.96	4.25	5.06	6.90	5.02	6.27	6.47	4.71	5.63
28	6.50	4.66	5.57	6.23	5.16	5.71	6.99	4.80	5.97	6.54	4.83	5.73
29	---	---	---	6.26	5.00	5.66	6.27	4.47	5.34	6.31	4.67	5.48
30	---	---	---	6.55	4.93	5.91	6.43	4.50	5.54	6.47	4.51	5.58
31	---	---	---	6.42	4.70	5.74	---	---	---	6.76	5.02	5.97
MONTH	6.87	2.27	5.02	7.50	2.53	5.50	7.06	3.87	5.60	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.19	5.07	5.70	6.09	5.07	5.54	5.72	4.68	5.31	6.74	5.18	6.00
2	6.04	5.37	5.63	6.11	5.07	5.49	5.73	4.43	5.16	6.86	5.24	6.11
3	6.32	5.48	5.86	5.86	4.83	5.40	6.20	4.95	5.68	7.51	5.35	6.60
4	6.07	5.32	5.83	5.61	4.34	5.13	6.73	5.13	5.92	7.26	5.36	6.60
5	6.97	5.78	6.37	5.37	3.67	4.73	6.75	4.57	5.85	7.27	5.52	6.60
6	6.24	4.67	5.67	5.29	4.09	4.81	6.57	4.49	5.63	7.40	5.87	6.82
7	6.13	4.67	5.55	6.23	4.45	5.49	6.85	4.49	6.03	7.92	5.90	7.29
8	6.41	4.84	5.61	6.44	4.46	5.65	6.46	4.92	5.85	7.89	6.97	7.49
9	6.42	4.84	5.61	6.43	4.53	5.66	7.11	4.87	6.29	7.37	6.37	6.87
10	7.52	4.97	6.48	6.07	4.42	5.37	7.27	5.77	6.73	7.07	5.90	6.59
11	7.19	4.92	6.13	6.45	4.26	5.54	7.28	6.08	6.88	7.06	5.30	6.19
12	6.72	4.81	5.76	6.21	4.44	5.46	7.04	6.19	6.70	6.68	4.96	5.83
13	6.30	4.62	5.53	5.74	4.32	5.12	6.78	5.98	6.39	6.95	5.07	6.07
14	5.84	4.65	5.22	6.01	4.23	5.13	6.85	5.56	6.30	7.33	5.12	6.35
15	5.77	4.24	5.16	5.88	4.68	5.26	7.24	5.60	6.55	6.82	4.84	5.92
16	6.65	4.76	5.69	5.95	4.90	5.35	6.89	5.32	6.20	6.45	5.06	5.91
17	6.08	5.24	5.63	6.22	4.85	5.41	7.04	5.18	6.24	6.65	5.00	5.90
18	6.17	5.26	5.68	5.72	4.37	5.19	6.85	4.94	5.99	6.60	5.06	6.01
19	6.51	5.58	6.13	5.78	4.20	5.13	6.73	4.83	5.92	6.92	5.45	6.45
20	6.52	5.07	5.85	5.99	4.16	5.20	6.75	4.83	5.94	6.97	5.42	6.38
21	6.42	4.76	5.63	6.07	4.22	5.22	6.63	4.96	5.96	6.72	5.26	6.08
22	6.67	4.81	5.81	6.33	4.23	5.45	6.62	5.14	5.95	6.62	5.66	6.19
23	6.75	4.77	5.93	6.09	4.15	5.36	6.37	5.15	5.84	6.99	5.84	6.39
24	6.60	4.78	5.76	6.03	4.26	5.38	6.34	5.03	5.76	7.19	6.01	6.39
25	6.76	4.70	5.84	6.07	4.25	5.23	6.07	5.10	5.60	7.40	5.19	6.08
26	6.70	4.68	5.72	6.20	4.50	5.50	---	---	---	5.84	3.48	4.26
27	6.79	4.66	5.87	6.28	4.73	5.66	---	---	---	6.88	5.06	5.87
28	6.73	4.85	5.84	6.17	4.98	5.64	---	---	---	7.04	5.29	6.29
29	6.59	5.08	5.93	6.10	5.26	5.68	5.93	4.97	5.43	7.06	4.80	5.88
30	6.45	5.31	5.89	6.28	5.23	5.67	6.41	4.97	5.72	7.01	5.34	6.25
31	---	---	---	5.99	4.90	5.47	6.72	5.09	5.91	---	---	---
MONTH	7.52	4.24	5.78	6.45	3.67	5.37	---	---	---	7.92	3.48	6.26

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1999 to current year.
WATER TEMPERATURES: June 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Rated excellent except for the periods Oct. 1-15, Nov. 12-15, Nov. 27-Dec. 22, and Mar. 16-19, which are good; Dec. 13-Jan. 10, which are fair; and Jan. 11-16, which are poor.
WATER TEMPERATURES: Rated good.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily 29,600 microsiemens/cm, Sept. 11, 2000; minimum daily, 946 microsiemens/cm, July 31, 2002.
WATER TEMPERATURES: Maximum daily 35.9°C, July 23, 1999; minimum daily, 0.4°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 16,300 microsiemens/cm, Mar. 8; minimum, 946 microsiemens/cm, July 31.
WATER TEMPERATURE: Maximum, 35.7°C, July 19; minimum, 2.1°C, Mar. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7170	3920	5720	6660	5510	6260	8540	7530	8190	7480	6030	6720
2	6670	3670	5600	6610	5560	6190	8500	7120	7990	7650	6370	6780
3	6080	3890	5480	6350	5560	6150	8420	7290	7970	7600	6330	6800
4	7790	5720	6540	6240	5440	5960	8290	7240	7980	7450	5820	6810
5	8200	6000	7270	6330	5380	6130	9140	7700	8620	7100	5960	6580
6	7880	3690	5260	6190	5630	5820	9030	7650	8340	6160	4380	4790
7	9400	4420	7530	6210	5260	5930	8820	6600	8110	5170	3420	4760
8	9260	6090	8120	6230	5180	5650	8830	7320	8220	4470	3330	3700
9	9200	6150	7840	6050	5560	5850	7990	6770	7350	4420	3400	4020
10	6490	6030	6280	5920	5370	5720	8870	6910	7850	4370	3630	4080
11	6390	5640	5920	5960	5240	5720	8820	7040	7950	4180	3430	3720
12	6510	6110	6290	5880	5600	5730	9970	8170	9000	4070	3510	3730
13	7850	6200	7070	5870	5540	5710	9840	8680	9260	4000	3650	3780
14	6890	5590	6050	6060	5390	5710	9530	7700	8760	3920	3750	3810
15	6850	5790	6400	5890	5470	5610	10600	8730	9330	3960	3740	3880
16	7340	5840	6400	6030	5800	5900	11600	9490	10800	4200	3850	4000
17	7290	5930	6740	6170	5590	6000	11400	8550	10100	4610	4130	4290
18	6830	5800	6310	6930	6160	6340	9670	8160	8680	4860	4530	4690
19	6230	5700	6000	8120	5410	6240	9720	7000	7980	5230	4610	4830
20	6330	5100	5920	8120	6020	6760	9430	7230	8340	5700	5040	5340
21	6300	5020	5710	7680	6720	7210	9470	8980	9280	5780	5190	5570
22	5890	5000	5500	7890	6630	7320	9330	8990	9150	5670	5180	5500
23	5930	5130	5580	8510	7150	7710	9370	7950	8690	5900	5240	5550
24	5690	4650	5200	8690	7660	8240	8950	7420	8200	5670	5110	5450
25	5590	4720	5280	8670	7510	8160	9160	6140	8030	5680	4900	5400
26	5850	4870	5250	9090	8270	8710	7050	4930	6320	5930	5220	5610
27	7340	4720	5760	9440	8530	8980	8590	6600	7520	6040	5550	5800
28	7500	6360	7190	9800	8820	9350	8590	5650	6800	5990	5330	5750
29	7740	6810	7170	9370	8010	8660	6100	5130	5660	6470	5320	5940
30	7380	6070	6840	8740	7270	7930	6300	5720	5930	6250	5760	5990
31	6910	5650	6310	---	---	---	7270	5750	6120	6250	5720	5920
MONTH	9400	3670	6280	9800	5180	6720	11600	4930	8150	7650	3330	5150

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6010	5490	5690	6620	5820	6330	5360	5180	5230	3600	2600	3080
2	6200	5650	5960	6860	5610	6020	5420	5220	5330	3910	2270	3150
3	6250	5780	6000	5680	4930	5300	5750	5350	5560	3660	2160	2930
4	6050	5810	5900	5730	5550	5670	5760	5510	5630	3370	2700	2980
5	6050	5480	5780	6400	5420	5860	5830	5700	5780	3650	2960	3220
6	5990	5140	5650	8180	5790	6950	5920	5440	5690	3650	2280	2830
7	5780	5420	5600	9070	6470	7850	5730	5470	5560	3130	2780	2900
8	5500	4540	5120	16300	7660	11800	5750	5050	5500	2950	2400	2750
9	4760	4440	4630	14400	12100	13400	5460	5110	5270	3020	2060	2660
10	5200	4400	4760	12800	7770	10800	5220	4750	5000	3100	2480	2850
11	5520	4920	5250	12800	11200	12200	5060	4780	4880	3100	2270	2430
12	4980	4590	4810	12000	9680	11100	5030	4840	4920	2770	1660	2020
13	4710	4170	4540	11300	8380	9800	5120	4740	4870	2870	1500	2390
14	4790	4380	4570	11000	9990	10500	5110	4680	4840	3420	1540	2330
15	4570	4360	4450	11600	10600	11200	5160	4620	4780	2420	1560	1770
16	4620	4160	4420	11100	7980	9650	5130	4570	4790	---	---	---
17	4670	4390	4540	9400	7720	8140	4860	4300	4580	2080	1700	1860
18	4670	4330	4490	7980	7150	7560	4950	4280	4570	3310	1920	2810
19	5640	4400	4780	7860	5910	7140	4960	3830	4370	3740	1850	2600
20	6410	4740	5440	7210	5620	6190	4720	3700	4230	2860	1860	2250
21	5980	4700	5270	8380	6250	7700	4670	3430	4010	2460	2240	2340
22	5600	4360	5030	8080	5150	6880	4220	3650	3840	2400	2260	2330
23	7690	4610	5660	7660	4660	5940	4320	3710	3940	2560	2290	2350
24	7730	5320	6430	6090	4800	5280	4120	3820	4000	2560	2360	2420
25	7760	6490	7420	5370	4960	5100	4260	3630	3930	2530	2410	2450
26	7790	5420	6230	6420	4960	5730	4150	3730	3880	2610	2430	2490
27	6850	5880	6240	6330	5090	5610	4080	3880	3940	2600	2040	2320
28	6900	5550	6250	5400	5120	5200	4140	3020	3770	2480	2110	2240
29	---	---	---	5320	4860	5060	4340	3220	3690	2410	1960	2210
30	---	---	---	5080	4840	4920	4350	2150	2960	2340	1700	1920
31	---	---	---	5260	4920	5040	---	---	---	1940	1640	1750
MONTH	7790	4160	5390	16300	4660	7610	5920	2150	4640	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2230	1790	1870	2050	1740	1910	1960	1150	1500	3340	3190	3300
2	2170	1770	1980	2620	1810	2110	2590	1320	1840	3360	3190	3330
3	2230	1860	2040	2840	2050	2330	1830	1360	1590	3510	3330	3440
4	2300	2000	2130	3000	2030	2490	1830	1620	1710	4660	3410	3730
5	2120	2000	2080	3430	1830	2490	2170	1380	1720	4810	3530	4330
6	2140	2040	2090	3430	1890	2400	2140	1370	1710	6360	4150	5050
7	2150	1790	1980	2950	1820	2050	2650	1900	2460	8540	4730	6440
8	2140	1790	1930	2390	1920	2090	2750	2110	2540	8530	6170	7780
9	2410	1950	2080	2150	1870	2020	3040	2410	2820	8350	7140	7710
10	2380	1810	2020	2320	1780	1970	3170	2620	2970	8180	6770	7410
11	2030	1860	1940	2400	1860	2030	3110	2900	3000	7800	5540	6740
12	2080	1820	1940	2350	2090	2230	3190	2770	2970	7590	5400	6190
13	2140	1740	1930	2370	2180	2280	3280	2810	3030	6760	6010	6460
14	2560	1560	2040	2340	1900	2160	3240	2850	3040	7860	6200	7080
15	2860	1880	2180	2380	1660	2000	3440	2930	3220	8330	5980	7210
16	2350	1650	1900	2410	1680	1970	3610	2480	2960	7320	5560	6810
17	2050	1630	1850	2380	1990	2150	3000	2510	2830	7030	5360	6460
18	2140	1700	1850	2570	2020	2210	2990	2510	2780	7100	5390	6630
19	2370	1710	1840	2930	2010	2250	3410	2580	3050	7370	5620	6910
20	2320	1820	1990	2910	1940	2230	3410	2640	3200	7440	6160	6780
21	2320	1880	2010	2910	1730	2090	3600	2920	3350	7540	6260	7060
22	2130	1860	1920	2520	1620	1890	3580	3180	3400	8280	6370	7370
23	2230	1740	2020	2420	1540	1820	3570	3200	3380	7820	6180	7200
24	2290	1630	1840	2360	1540	1820	3570	3190	3410	9880	6680	8080
25	2160	1530	1700	2390	1550	1820	3340	3050	3220	10600	6990	8550
26	2080	1520	1690	1980	1390	1600	---	---	---	7630	3920	6030
27	2080	1580	1730	1910	1280	1550	---	---	---	7320	3200	4760
28	1970	1330	1670	1770	1170	1480	---	---	---	8750	5740	6910
29	1900	1580	1750	1700	985	1310	3320	2750	3030	8040	5460	6620
30	1900	1710	1790	1630	961	1310	3270	3090	3190	7840	6610	7360
31	---	---	---	1750	946	1300	3300	3190	3280	---	---	---
MONTH	2860	1330	1930	3430	946	1980	---	---	---	10600	3190	6320

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.2	21.1	22.6	21.9	19.3	20.6	17.6	15.1	16.5	8.6	5.7	6.8
2	25.3	22.4	23.5	23.3	20.5	21.8	19.3	16.1	17.6	6.2	3.6	5.0
3	25.3	23.0	23.8	24.1	21.5	22.7	20.6	17.2	18.7	7.2	2.2	4.6
4	24.2	23.3	23.7	24.0	20.7	22.2	21.6	18.1	19.5	6.8	3.4	4.7
5	26.4	23.3	24.4	21.5	17.9	20.0	22.6	19.6	20.6	7.1	4.8	5.7
6	25.4	21.1	23.5	22.2	18.5	20.5	22.4	20.6	21.2	11.2	7.0	8.8
7	22.4	19.7	20.9	22.8	19.6	21.1	23.3	20.3	21.5	11.6	7.1	9.0
8	24.4	20.0	21.7	22.1	20.7	21.3	21.7	19.3	20.8	9.3	6.8	8.2
9	24.1	22.0	22.8	23.0	20.2	21.4	19.3	14.4	16.2	11.6	7.9	10.0
10	23.3	22.9	23.1	22.7	20.1	21.4	16.4	13.1	15.1	13.2	10.5	11.8
11	24.9	22.9	23.7	22.6	20.2	21.6	15.3	13.6	14.6	15.0	12.0	13.3
12	25.3	23.5	24.4	22.8	20.0	21.7	17.8	15.2	16.6	15.2	12.3	13.8
13	24.8	21.6	23.6	22.5	20.8	21.8	19.3	17.4	18.4	14.2	11.4	12.6
14	23.2	19.0	21.2	22.1	20.4	21.4	20.2	16.9	18.2	14.5	12.5	13.2
15	23.0	21.0	22.1	22.2	20.0	21.2	18.6	16.4	17.7	14.5	11.1	12.5
16	22.9	17.9	21.1	22.2	19.9	21.0	20.6	18.4	19.5	15.1	11.8	13.0
17	18.1	16.3	17.4	22.4	19.0	20.7	20.5	18.8	19.9	17.0	12.9	14.4
18	19.6	16.4	17.9	22.4	19.3	20.8	18.8	15.1	16.9	17.0	14.9	15.6
19	22.6	17.6	19.7	23.1	19.9	21.4	18.1	14.3	16.7	18.3	13.4	16.2
20	24.4	19.5	21.7	21.3	17.4	19.4	15.6	12.2	14.2	13.4	12.0	12.6
21	25.2	21.5	23.2	17.8	16.3	17.1	15.3	13.1	14.3	16.1	12.4	13.6
22	26.0	23.4	24.3	17.9	16.4	17.1	16.2	14.4	15.1	16.7	13.7	14.9
23	27.1	24.1	25.2	20.1	17.3	18.6	17.5	15.1	16.1	19.0	16.1	17.3
24	27.3	24.3	25.6	21.5	19.4	20.4	15.2	10.3	12.0	20.8	17.6	19.4
25	25.8	21.4	24.0	20.3	18.0	19.5	12.0	9.3	10.8	19.3	14.4	16.6
26	21.7	19.8	20.6	22.1	19.8	21.0	11.3	8.3	9.7	15.4	10.4	13.3
27	19.8	17.3	18.4	22.9	21.2	22.1	10.9	6.9	8.7	16.0	13.4	14.8
28	17.3	15.5	16.1	23.3	22.1	22.6	12.6	10.2	11.5	18.4	16.0	17.1
29	17.8	14.6	16.2	22.7	15.2	18.7	15.1	11.8	13.2	21.2	17.7	18.9
30	19.7	15.8	17.9	17.5	13.6	15.5	13.2	10.0	11.6	22.6	18.9	20.2
31	20.7	18.0	19.3	---	---	---	11.2	8.2	9.2	23.6	20.3	21.4
MONTH	27.3	14.6	21.7	24.1	13.6	20.6	23.3	6.9	15.9	23.6	2.2	12.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	20.4	10.7	15.4	10.5	9.2	9.7	21.5	19.8	20.5	27.9	25.6	26.5
2	12.5	9.1	11.0	13.1	10.3	11.6	23.0	19.6	21.3	28.8	25.8	27.0
3	13.5	11.6	12.5	11.2	3.9	6.2	24.9	20.1	22.6	28.1	26.2	27.2
4	13.1	12.1	12.5	8.7	2.1	4.5	20.1	16.2	17.9	29.8	26.1	27.8
5	12.3	10.4	11.2	9.4	6.1	8.0	18.5	14.4	16.5	30.2	27.4	28.8
6	10.5	7.9	9.3	12.7	8.8	10.4	18.3	15.2	17.0	29.0	27.3	28.2
7	11.8	6.6	8.7	15.3	11.2	13.1	19.3	16.9	18.2	28.9	26.7	27.9
8	10.0	7.2	9.0	16.1	13.9	15.2	19.4	17.5	18.5	28.4	26.7	27.5
9	11.3	8.8	10.1	19.8	15.9	17.5	21.2	17.5	18.9	29.6	26.8	27.7
10	14.8	10.9	12.6	16.5	11.0	13.9	23.3	19.1	21.3	31.6	27.4	29.0
11	11.8	9.1	10.5	15.6	13.3	14.6	23.1	22.0	22.7	29.1	27.4	28.3
12	12.6	9.3	11.2	19.9	15.5	17.2	26.9	21.8	23.6	29.0	26.8	27.7
13	15.3	11.5	13.2	18.2	15.1	16.5	28.0	24.3	25.8	27.4	23.1	26.3
14	15.0	12.4	13.5	18.6	16.1	17.3	28.3	25.1	26.3	23.3	21.0	22.3
15	13.8	13.3	13.6	21.9	18.1	19.8	26.9	25.1	25.8	24.3	21.8	22.9
16	17.1	12.4	14.2	23.3	20.4	21.7	26.5	24.9	25.6	---	---	---
17	18.3	13.0	15.1	24.9	21.9	23.2	27.4	24.8	25.8	25.6	23.6	25.0
18	16.6	15.0	15.7	24.7	23.0	23.7	27.4	25.2	26.2	23.6	19.9	21.9
19	17.2	15.6	16.4	25.3	23.1	23.9	27.6	25.1	26.2	20.5	16.6	18.9
20	20.1	16.8	17.8	24.8	22.8	23.9	27.1	25.3	26.3	21.7	17.7	19.8
21	19.4	17.2	18.4	22.8	16.8	19.8	27.7	25.2	26.3	24.1	19.4	21.8
22	18.6	14.9	16.2	17.1	12.3	15.0	27.5	25.1	26.5	24.3	21.6	23.1
23	15.8	11.5	13.7	17.4	11.5	14.8	28.1	25.2	26.8	25.2	21.8	23.2
24	16.3	13.8	15.0	18.2	15.7	17.0	28.6	25.9	27.4	25.1	22.8	23.9
25	17.9	14.8	16.4	20.3	17.4	18.9	30.0	26.4	28.0	27.8	24.0	25.5
26	17.7	7.9	14.0	20.1	16.5	19.2	28.4	26.6	27.4	29.2	26.0	27.2
27	11.2	3.9	7.6	18.7	12.9	16.8	27.4	26.2	26.8	29.7	26.6	27.7
28	10.5	7.9	9.2	20.0	18.0	19.0	28.5	25.9	27.0	28.0	26.5	27.1
29	---	---	---	22.7	19.5	21.0	29.9	26.4	27.8	28.7	26.3	27.4
30	---	---	---	22.5	20.9	21.7	28.1	26.6	27.3	27.9	26.4	27.0
31	---	---	---	24.9	21.5	22.7	---	---	---	28.1	25.3	26.8
MONTH	20.4	3.9	13.0	25.3	2.1	16.7	30.0	14.4	23.9	---	---	---

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.1	26.4	28.0	31.8	28.1	29.7	30.2	28.9	29.4	32.3	29.5	30.6
2	31.0	27.6	29.2	31.5	29.1	30.3	33.7	27.8	30.1	30.4	28.3	29.2
3	30.7	28.1	29.7	31.7	28.9	30.3	32.4	29.1	30.2	28.3	27.1	27.8
4	31.8	28.0	29.9	34.3	29.3	30.8	33.1	30.1	31.2	27.1	26.3	26.8
5	30.2	27.9	29.0	35.4	29.6	31.9	32.0	29.6	30.6	26.3	25.8	26.2
6	31.5	27.0	29.0	33.7	29.7	31.4	31.6	29.5	30.3	25.8	25.3	25.7
7	32.8	29.8	30.9	33.4	30.7	31.7	31.0	29.2	29.8	25.3	25.0	25.2
8	32.7	29.9	31.0	31.9	30.0	30.9	33.6	29.4	30.9	25.4	24.8	25.1
9	32.3	30.3	31.1	31.4	29.5	30.2	31.8	29.8	31.2	27.6	25.0	25.9
10	30.6	27.8	29.2	33.9	29.3	30.8	29.8	28.1	29.0	29.9	26.3	27.7
11	31.2	27.2	28.8	32.1	30.4	31.3	29.5	27.5	28.4	31.9	28.0	29.6
12	31.8	28.6	29.8	33.1	29.7	31.0	28.7	27.6	28.0	32.0	28.3	30.1
13	32.4	29.5	30.6	29.9	27.8	28.9	29.9	26.7	28.1	31.6	28.4	30.0
14	32.6	29.6	31.0	30.1	27.0	28.4	28.6	27.2	27.9	32.0	29.1	30.1
15	31.8	27.5	29.7	29.7	27.9	28.8	27.3	26.3	26.9	30.9	28.4	29.4
16	29.6	28.0	28.8	31.0	27.4	29.3	30.6	25.9	27.9	29.8	28.0	29.2
17	30.2	27.3	28.4	33.5	29.2	30.9	31.0	28.7	29.5	28.8	27.5	28.3
18	31.2	26.9	28.8	34.4	29.1	31.4	30.9	29.1	29.9	29.8	27.5	28.5
19	30.3	28.6	29.2	35.7	30.7	32.4	29.9	28.4	29.5	29.3	27.9	28.6
20	31.7	28.4	29.7	35.5	31.4	32.5	30.7	28.3	29.6	29.3	27.7	28.4
21	31.5	28.7	30.0	34.8	31.5	32.4	31.7	28.8	29.8	31.5	27.8	29.3
22	31.0	28.7	29.5	33.8	30.4	32.3	32.1	29.6	30.6	30.8	28.2	29.9
23	30.8	28.0	28.6	32.8	29.7	31.0	31.3	29.8	30.3	28.2	26.2	27.3
24	30.0	27.6	28.8	33.7	30.3	31.4	31.8	29.6	30.7	26.8	23.8	24.8
25	30.8	28.0	28.7	30.4	27.9	29.4	32.1	29.9	30.9	24.1	22.5	23.4
26	29.0	26.8	28.0	28.8	27.5	28.3	---	---	---	23.2	21.2	22.2
27	26.9	26.1	26.5	30.9	27.4	28.8	---	---	---	27.1	22.1	24.0
28	27.0	25.4	26.4	32.4	29.1	30.4	---	---	---	28.8	23.8	25.7
29	29.0	26.3	27.5	32.6	29.7	30.9	31.1	28.4	29.8	29.6	26.0	27.6
30	29.8	27.6	28.5	31.1	29.9	30.4	32.9	28.6	30.6	30.5	27.3	28.4
31	---	---	---	31.8	29.0	30.0	33.2	30.1	31.3	---	---	---
MONTH	32.8	25.4	29.1	35.7	27.0	30.6	---	---	---	32.3	21.2	27.5

08010000 BAYOU DES CANNES NEAR EUNICE, LA

LOCATION.--Lat 30°29'00", long 92°29'25", in SW ¼ SE ¼ sec. 32, T. 6 S., R. 1 W., Louisiana Meridian, Evangeline Parish, Hydrologic Unit 08080201, on left downstream side of bridge of eastbound lane on U.S. Highway 190, 3.0 mi downstream from Missouri Pacific Railroad bridge, and 4.0 mi west of Eunice.

DRAINAGE AREA.--131 mi^2.

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WSP 1242: 1950(P).

GAGE.--Water-stage recorder. Datum of gage is 14.84 ft above NGVD of 1929 (Corps of Engineers levels). Prior to Mar. 23, 1989, nonrecording gage read twice daily. Prior to Dec. 12, 1987, water-stage recorder at same site and datum. Prior to Jan. 17, 1940, nonrecording gage at same site and datum. Water-stage recorder for Bayou des Cannes at State Highway 755, near Eunice (Station No. 08010010) used as auxiliary gage for this station from November 1950 to September 1984. See WSP 1732 for history of changes prior to Jan. 13, 1958.

REMARKS.--Records fair, except during periods of estimated daily discharge, which are poor. Small diversion above station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e9.0	e3.2	1970	33	65	434	420	14	56	79	166	1.4
2	e11	e2.8	676	24	59	2520	213	16	52	87	115	1.2
3	e12	e2.6	185	19	36	2210	139	17	33	122	89	0.96
4	18	e2.2	110	16	24	643	91	e12	19	106	62	0.84
5	25	e2.0	74	37	26	118	89	e11	15	68	38	0.77
6	451	e1.8	56	210	639	72	63	e9.0	e10	92	24	2.2
7	330	e1.6	43	111	714	44	39	e7.5	e8.0	92	29	3.8
8	83	e1.4	36	50	167	28	1030	e6.6	e20	77	35	3.6
9	50	e1.3	28	28	84	27	3350	e5.5	34	160	23	3.9
10	66	e1.2	24	28	45	23	3260	e5.0	31	271	19	5.7
11	155	e1.1	18	31	31	16	1590	e4.3	83	189	14	5.7
12	706	e1.0	14	124	28	49	516	e3.7	70	660	11	4.2
13	920	e1.5	801	149	22	78	208	e3.2	52	346	25	3.1
14	2210	e2.4	2010	60	18	30	180	e2.9	40	247	436	1.3
15	1870	e5.0	1330	37	22	20	111	e2.6	22	360	581	1.2
16	599	12	401	27	33	32	104	e2.4	13	922	1470	2.7
17	139	13	525	20	23	50	102	e2.2	19	693	1100	3.2
18	72	13	553	19	17	30	88	e2.1	24	349	675	4.1
19	49	15	199	186	14	36	79	e2.0	e13	210	200	6.2
20	37	14	110	549	466	33	65	e1.9	e10	157	72	17
21	24	11	69	151	229	85	42	e1.7	e8.0	91	40	53
22	e16	12	49	87	61	51	44	e1.5	e6.0	79	21	61
23	e14	13	142	71	27	33	54	e2.1	e4.0	743	19	21
24	e11	30	207	83	16	141	44	e3.4	e9.0	382	23	7.1
25	e9.5	59	86	682	14	93	27	e5.0	e15	501	12	5.2
26	e8.0	36	50	347	14	597	19	e8.0	27	752	7.2	6.4
27	e7.0	37	36	106	7.9	331	17	e17	37	331	4.4	6.9
28	e6.0	625	148	61	6.3	163	15	e37	147	145	5.3	5.5
29	e5.7	1370	349	54	---	215	15	49	163	82	3.3	3.5
30	e4.5	2620	104	46	---	171	14	23	108	96	2.2	2.8
31	e4.0	---	51	46	---	406	---	39	---	104	1.7	---
TOTAL	7921.7	4911.1	10454	3492	2908.2	8779	12028	317.6	1148.0	8593	5323.1	245.47
MEAN	255.5	163.7	337.2	112.6	103.9	283.2	400.9	10.25	38.27	277.2	171.7	8.182
MAX	2210	2620	2010	682	714	2520	3350	49	163	922	1470	61
MIN	4.0	1.0	14	16	6.3	16	14	1.5	4.0	68	1.7	0.77
AC-FT	15710	9740	20740	6930	5770	17410	23860	630	2280	17040	10560	487
CFSM	1.95	1.25	2.57	0.86	0.79	2.16	3.06	0.08	0.29	2.12	1.31	0.06
IN.	2.25	1.39	2.97	0.99	0.83	2.49	3.42	0.09	0.33	2.44	1.51	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	129.2	195.2	367.7	453.3	421.9	315.7	327.3	308.1	201.2	224.9	166.5	178.7
MAX	1119	856	1748	1562	1615	1167	1238	2362	894	1519	1456	961
(WY)	1986	1986	1972	1998	1959	1980	1967	1953	1942	1946	1940	1973
MIN	1.11	0.35	29.1	3.35	0.79	3.86	5.02	0.42	0.43	0.81	8.29	0.65
(WY)	1939	2000	1959	2000	2000	1955	1963	1943	1948	1944	2000	2000

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	118835.2		66121.17			
ANNUAL MEAN	325.6		181.2		273.6	
HIGHEST ANNUAL MEAN					523	1983
LOWEST ANNUAL MEAN					79.4	2000
HIGHEST DAILY MEAN	4120	Jan 20	3350	Apr 9	11700	May 20 1953
LOWEST DAILY MEAN	1.0	Nov 12	0.77	Sep 5	0.00	May 6 1939
ANNUAL SEVEN-DAY MINIMUM	1.3	Nov 7	1.3	Aug 30	0.00	May 9 1939
MAXIMUM PEAK FLOW			3660	Apr 9	11900	May 20 1953
MAXIMUM PEAK STAGE			17.64	Apr 9	22.36	May 20 1953
INSTANTANEOUS LOW FLOW			0.77	Sep 4,5,6	0.00	Oct 1 1939
ANNUAL RUNOFF (AC-FT)	235700		131200		198200	
ANNUAL RUNOFF (CFSM)	2.49		1.38		2.09	
ANNUAL RUNOFF (INCHES)	33.75		18.78		28.37	
10 PERCENT EXCEEDS	1080		520		747	
50 PERCENT EXCEEDS	57		36		45	
90 PERCENT EXCEEDS	7.1		3.2		3.8	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	15.56	2.22	3.09	5.90	8.40	1.25	2.57	3.22	5.21	0.88
2	---	---	10.57	1.91	2.93	16.48	6.03	1.32	2.48	3.44	4.20	0.84
3	---	---	5.56	1.70	2.29	15.94	4.75	1.40	1.94	4.27	3.60	0.81
4	1.43	---	4.17	1.58	1.90	10.12	3.75	---	1.48	3.90	2.89	0.79
5	1.65	---	3.34	2.19	1.94	4.32	3.70	---	1.30	2.93	2.23	0.78
6	8.33	---	2.86	5.95	10.05	3.27	3.03	---	---	3.56	1.74	0.95
7	7.00	---	2.50	4.17	11.03	2.53	2.39	---	---	3.57	1.92	1.13
8	3.21	---	2.30	2.69	5.19	2.04	10.19	---	---	3.18	2.14	1.11
9	2.42	---	2.04	2.06	3.58	2.02	17.36	---	1.95	5.02	1.71	1.14
10	2.82	---	1.89	2.04	2.56	1.86	17.27	---	1.88	6.85	1.57	1.28
11	4.51	---	1.65	2.16	2.15	1.58	14.68	---	3.33	5.54	1.35	1.28
12	11.03	---	1.50	4.19	2.03	2.58	9.31	---	2.98	10.66	1.21	1.16
13	12.00	---	9.81	4.90	1.82	3.41	5.88	---	2.46	7.64	1.74	1.06
14	16.09	---	15.80	2.95	1.67	2.10	5.41	---	2.16	6.47	8.50	0.87
15	15.38	---	13.92	2.34	1.84	1.75	4.01	---	1.59	7.68	9.89	0.85
16	9.76	1.20	8.22	2.00	2.20	2.16	3.85	---	1.24	12.68	14.51	1.01
17	4.38	1.21	9.37	1.76	1.87	2.70	3.80	---	1.47	10.93	13.20	1.07
18	2.98	1.25	9.70	1.72	1.63	2.12	3.47	---	1.68	7.76	10.78	1.15
19	2.39	1.30	5.77	4.61	1.46	2.31	3.24	---	---	5.96	5.74	1.32
20	2.07	1.25	4.16	9.65	8.62	2.22	2.83	---	---	5.03	3.43	1.83
21	1.67	1.11	3.20	4.94	6.01	3.61	2.22	---	---	3.65	2.63	2.96
22	---	1.17	2.67	3.67	2.98	2.70	2.24	---	---	3.13	2.02	3.16
23	---	1.21	4.53	3.26	2.02	2.16	2.54	---	---	11.36	1.94	1.98
24	---	1.80	5.88	3.45	1.59	4.80	2.27	---	---	7.94	2.08	1.37
25	---	2.66	3.63	10.83	1.48	3.80	1.76	---	---	8.93	1.64	1.24
26	---	2.04	2.70	7.55	1.47	9.91	1.47	---	1.74	11.42	1.37	1.33
27	---	1.98	2.30	4.08	1.17	7.42	1.40	---	2.01	7.48	1.18	1.36
28	---	10.31	4.17	2.98	1.07	5.21	1.30	---	4.77	4.80	1.25	1.27
29	---	13.76	7.62	2.78	---	6.06	1.28	2.39	5.09	3.42	1.08	1.10
30	---	16.64	4.03	2.58	---	5.34	1.26	1.62	3.94	3.77	0.96	1.03
31	---	---	2.73	2.57	---	7.98	---	2.10	---	3.94	0.91	---
MAX	---	---	15.80	10.83	11.03	16.48	17.36	---	---	12.68	14.51	3.16
MIN	---	---	1.50	1.58	1.07	1.58	1.26	---	---	2.93	0.91	0.78

08012000 BAYOU NEZPIQUE NEAR BASILE, LA

LOCATION.--Lat 30°28'50", long 92°37'55", in NE ¼ NW ¼ sec. 1, T. 7 S., R. 3 W., Evangeline Parish, Hydrologic Unit 08080201, near left bank on U.S. Highway 190, 1,300 ft downstream from Missouri Pacific Railroad bridge, and 2.0 mi west of Basile.

DRAINAGE AREA.--527 mi^2.

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

REVISED RECORDS.--WSP 1512: 1945-55.

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft above NGVD of 1929. Prior to July 1947, nonrecording gage at same site and datum. Water-stage recorder for Bayou Nezpique at Mamou pumping plant near Basile (station 08012020) used as auxiliary for this station since July 7, 1979 to Sep. 30, 1984. Mar. 27, 1945 to July 6, 1979, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good except period of estimated daily discharge which is rated poor. Diversion for irrigation by Mamou pumping plant may affect stage-discharge relation.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	33	5590	380	342	377	748	e119	e410	e700	e799	e23
2	64	29	6330	267	497	1630	547	e114	e340	e650	e610	e20
3	65	24	6500	199	560	2550	407	e108	e239	e575	e504	e18
4	64	20	6070	156	429	2840	e514	e102	e162	e540	e385	e16
5	60	15	5400	136	288	2720	e503	e95	e134	e414	e271	e15
6	148	12	4780	244	576	2320	e389	e93	e100	e517	e189	e32
7	347	8.2	4220	435	1290	1920	e272	e81	e85	e517	e158	e49
8	289	6.2	3670	425	1490	1540	e3080	e74	e167	e453	e138	e55
9	182	5.6	3120	335	1350	1040	e7380	e64	e245	e750	e125	e61
10	128	5.6	2500	253	1050	521	e7650	e60	e475	e1150	e116	e66
11	125	6.7	1740	198	697	269	e7100	e54	e520	e1780	e128	e66
12	438	9.1	986	190	389	289	e6450	e48	e422	e2220	e107	e53
13	853	11	1200	258	247	442	e5600	e43	e337	e2800	e196	e42
14	1580	12	2420	278	187	395	e4700	e40	e278	e3100	e1630	e22
15	2250	13	3440	235	153	380	e3950	e37	e180	e3050	e3750	e21
16	2340	14	3590	191	126	371	e3330	e35	e124	e2840	e4020	e38
17	2080	16	3480	154	108	287	e2700	e33	e98	e2300	e3900	e43
18	1680	18	3420	118	95	258	e2170	e32	e84	e1390	e3100	e52
19	1150	18	3300	163	85	260	e1780	e30	e70	e951	e2230	e70
20	597	17	2980	768	496	254	e1300	e29	e61	e766	e1600	e147
21	287	16	2540	1350	1220	208	e765	e27	e57	e514	e1050	e343
22	154	18	2120	1490	1480	253	e525	e25	e54	e462	e780	e380
23	111	19	1790	1380	1360	292	e380	e32	e51	e2420	e555	e345
24	90	20	1570	1260	1090	261	e301	e45	e93	e3000	e410	e280
25	72	20	1410	1280	823	238	e206	e60	e135	e3050	e280	e214
26	60	29	1140	1440	464	332	e160	e85	e245	e2590	e190	e150
27	51	242	903	1420	248	861	e150	e148	e400	e2200	e122	e88
28	45	1360	673	1170	169	991	e135	e263	e730	e1800	e78	e64
29	42	2590	648	905	---	914	e128	e450	e789	e1460	e44	e46
30	40	4290	728	616	---	747	e125	e500	e750	e1210	e32	e39
31	36	---	555	386	---	645	---	e490	---	e980	e27	---
TOTAL	15496	8897.4	88813	18080	17309	26405	63445	3416	7835	47149	27524	2858
MEAN	499.9	296.6	2865	583.2	618.2	851.8	2115	110.2	261.2	1521	887.9	95.27
MAX	2340	4290	6500	1490	1490	2840	7650	500	789	3100	4020	380
MIN	36	5.6	555	118	85	208	125	25	51	414	27	15
AC-FT	30740	17650	176200	35860	34330	52370	125800	6780	15540	93520	54590	5670
CFSM	0.95	0.56	5.44	1.11	1.17	1.62	4.01	0.21	0.50	2.89	1.68	0.18
IN.	1.09	0.63	6.27	1.28	1.22	1.86	4.48	0.24	0.55	3.33	1.94	0.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	313.8	515.8	1127	1458	1454	1159	1069	1023	530.8	529.8	401.5	442.8
MAX	2819	4751	4259	5850	6528	3301	5598	9202	2459	4695	5169	3109
(WY)	1986	1986	1972	1998	1955	1980	1995	1953	1940	1989	1940	1979
MIN	3.81	10.3	46.4	18.4	8.28	124	12.9	7.05	0.38	10.8	23.0	9.96
(WY)	1949	1951	1959	2000	2000	1962	1946	1951	1948	1944	1947	1999

08012000 BAYOU NEZPIQUE NEAR BASILE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	365624.4		327227.4			
ANNUAL MEAN	1002		896.5		833.1	
HIGHEST ANNUAL MEAN					1639	1973
LOWEST ANNUAL MEAN					169	2000
HIGHEST DAILY MEAN	6510	Sep 5	7650	Apr 10	35100	May 20 1953
LOWEST DAILY MEAN	5.6	Nov 9	5.6	Nov 9	0.10	Jun 7 1943
ANNUAL SEVEN-DAY MINIMUM	7.5	Nov 7	7.5	Nov 7	0.10	Jun 22 1948
MAXIMUM PEAK FLOW			Unknown	Apr. 9	35800	May 20 1953
MAXIMUM PEAK STAGE			Unknown	Apr. 9	34.39	May 20 1953
INSTANTANEOUS LOW FLOW			Unknown		0.10	Jun 29 1948
ANNUAL RUNOFF (AC-FT)	725200		649100		603500	
ANNUAL RUNOFF (CFSM)	1.90		1.70		1.58	
ANNUAL RUNOFF (INCHES)	25.81		23.10		21.48	
10 PERCENT EXCEEDS	3240		2750		2570	
50 PERCENT EXCEEDS	233		301		166	
90 PERCENT EXCEEDS	38		30		12	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.50	2.63	22.26	7.79	7.36	7.14	11.20	---	---	---	---	---
2	3.42	2.49	22.80	6.45	8.99	15.99	9.45	---	---	---	---	---
3	3.42	2.34	22.92	5.51	9.60	18.56	8.09	---	---	---	---	---
4	3.41	2.18	22.62	4.85	8.30	19.07	---	---	---	---	---	---
5	3.32	2.01	22.11	4.54	6.71	18.86	---	---	---	---	---	---
6	4.78	1.85	21.52	6.08	9.54	18.11	---	---	---	---	---	---
7	7.47	1.70	20.90	8.37	14.57	17.06	---	---	---	---	---	---
8	6.79	1.60	20.24	8.27	15.60	15.78	---	---	---	---	---	---
9	5.39	1.56	19.47	7.28	14.87	13.20	---	---	---	---	---	---
10	4.57	1.56	18.46	6.27	13.29	9.18	---	---	---	---	---	---
11	4.52	1.62	16.43	5.50	10.76	6.46	---	---	---	---	---	---
12	8.26	1.73	12.83	5.38	7.87	6.69	---	---	---	---	---	---
13	11.95	1.80	13.88	6.33	6.19	8.45	---	---	---	---	---	---
14	15.80	1.87	18.21	6.59	5.32	7.96	---	---	---	---	---	---
15	17.96	1.92	19.94	6.03	4.80	7.80	---	---	---	---	---	---
16	18.17	1.95	20.13	5.39	4.37	7.69	---	---	---	---	---	---
17	17.54	2.03	19.99	4.82	4.05	6.70	---	---	---	---	---	---
18	16.29	2.12	19.91	4.23	3.81	6.33	---	---	---	---	---	---
19	13.79	2.12	19.75	4.87	3.64	6.36	---	---	---	---	---	---
20	9.88	2.08	19.28	11.19	8.69	6.28	---	---	---	---	---	---
21	6.75	2.06	18.55	14.88	14.20	5.65	---	---	---	---	---	---
22	4.97	2.12	17.62	15.59	15.50	6.25	---	---	---	---	---	---
23	4.28	2.16	16.66	15.04	14.93	6.77	---	---	---	---	---	---
24	3.91	2.19	15.94	14.45	13.58	6.37	---	---	---	---	---	---
25	3.57	2.21	15.19	14.52	11.77	6.06	---	---	---	---	---	---
26	3.32	2.51	13.82	15.33	8.63	7.13	---	---	---	---	---	---
27	3.13	5.51	12.38	15.22	6.19	12.06	---	---	---	---	---	---
28	2.97	14.84	10.57	13.97	5.06	13.00	---	---	---	---	---	---
29	2.89	18.51	10.36	12.39	---	12.46	---	---	---	---	---	---
30	2.83	20.97	11.04	10.07	---	11.19	---	---	---	---	---	---
31	2.72	---	9.54	7.84	---	10.35	---	---	---	---	---	---
MAX	18.17	20.97	22.92	15.59	15.60	19.07	---	---	---	---	---	---
MIN	2.72	1.56	9.54	4.23	3.64	5.65	---	---	---	---	---	---

08012150 MERMENTAU RIVER AT MERMENTAU, LA

LOCATION.--Lat 30°11'23", long 92°35'25", on line between secs. 14 and 31, T. 10 S., R. 2 W., on parish line of Jefferson Davis and Acadia Parishes, Hydrologic Unit 08080202, on downstream side of U.S. Highway 90 bridge, 300 ft. upstream from Southern Pacific Transportation Company railroad bridge, 0.25 mi west of Mermentau, and 2.0 mi downstream from confluence with Bayous Nezpique and Des Cannes.

DRAINAGE AREA.--1,381 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1984 to current year. August 1941 to September 1984 (gage-height records only), in files of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and accoustic doppler. Datum of gage is 0.58 ft. above NGVD of 1929 (datum of gage for water years 1989 to 2001, was published incorrectly). Prior to October 1984, datum of gage is at mean low Gulf.

REMARKS.--No estimated daily discharges. Records poor. Discharge is affected by tide and wind at medium and low stages. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 38,200 ft^3/s, July 5, 1989; maximum negative discharge, -11,500 ft^3/s, Dec. 31, 1984; maximum gage height, 10.97 ft, Nov. 2, 1985; minimum gage height, -0.03 ft, Aug. 15, 1985; no flow at times each year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height, 14.5 ft, August 1940; minimum gage height, -0.94 ft, July 13, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 13,300 ft^3/s, Apr. 12; maximum gage height, 3.88 ft, Apr. 12; minimum discharge recorded, -4,850 ft^3/s, Oct. 24; minimum gage height, 1.17 ft, Feb. 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-27	-135	7750	1190	2640	2690	6270	-1360	638	2140	769	320
2	-533	730	7180	733	1170	7900	4820	-519	227	2000	1090	342
3	-282	639	7710	592	1090	9360	4110	-497	-196	2410	580	-167
4	-377	672	8850	179	1320	7970	2570	-99	103	2020	714	477
5	-269	540	8990	331	896	6150	2030	-555	355	1560	451	124
6	1950	317	8620	943	1860	5650	1010	-1240	127	1390	890	377
7	671	277	7910	1210	2750	5410	-45	-1130	17	1140	335	-131
8	802	-33	7070	534	2630	4330	6370	-1570	-334	1360	585	3.4
9	273	108	5880	397	2450	4620	11300	98	-160	1490	230	405
10	81	25	4570	96	2960	3690	12000	-171	-180	1480	338	624
11	1140	-19	3730	967	2280	1140	12500	-892	292	1340	-3.5	583
12	2400	-232	2680	1520	1550	1660	12600	-924	349	1180	-116	349
13	3690	-196	4350	1650	1260	784	11100	783	293	1850	-400	167
14	8240	87	7000	1560	866	118	9020	381	772	2760	306	-463
15	8080	172	6050	1190	663	-1020	7350	-406	131	2940	3360	-153
16	7150	148	4530	452	1080	466	6160	-584	127	4060	6550	678
17	5210	242	5710	536	327	-733	5660	230	939	5530	6200	337
18	4760	346	6310	942	-137	280	4990	659	587	4450	4950	-459
19	4470	407	6070	964	-904	-1070	3980	906	15	3610	4820	-340
20	3940	503	5640	2420	3240	1100	2310	535	851	2990	4750	1250
21	2970	274	5020	2670	3360	2820	902	403	641	2100	4460	2100
22	1260	-284	4200	2020	3000	1820	1700	-171	808	2060	3460	1860
23	485	-35	5240	2220	2880	788	597	-240	515	2860	2210	1540
24	-965	-239	4270	2640	2230	228	-16	-348	345	2120	1740	1220
25	1970	-48	3400	3600	1820	647	1160	-120	-247	2220	1720	878
26	1120	-303	2980	2970	2210	2250	31	-613	-141	3250	609	171
27	995	-251	2110	2610	997	2610	-939	-156	762	3010	437	-33
28	277	-531	1590	2810	143	1860	-282	-130	1940	3060	692	-41
29	611	5480	1800	2740	---	1700	105	-137	2680	2910	663	259
30	472	7150	1450	1620	---	1350	-1250	247	2760	2180	247	-275
31	115	---	1380	1000	---	5660	---	631	---	1240	390	---
TOTAL	60679	15811	160040	45306	46631	82228	128113	-6989	15016	74710	53026.5	12002.4

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.31	2.17	2.60	1.74	1.83	1.80	2.10	2.23	1.52	2.38	2.14	2.23
2	2.31	2.12	2.59	1.71	1.68	2.56	2.14	2.20	1.54	2.34	2.06	2.21
3	2.29	2.06	2.63	1.69	1.73	2.47	1.91	2.10	1.59	2.32	2.05	2.23
4	2.29	1.97	2.75	1.77	1.59	2.49	1.69	2.02	1.56	2.27	1.98	2.21
5	2.31	1.90	2.83	1.88	1.47	2.46	1.66	1.96	1.49	2.15	1.96	2.24
6	2.11	1.95	2.83	1.91	1.58	2.45	1.68	2.02	1.43	2.02	1.88	2.27
7	2.12	1.95	2.74	1.85	1.49	2.42	1.87	2.04	1.40	1.99	1.82	2.35
8	2.18	1.91	2.61	1.96	1.67	2.41	2.51	2.09	1.50	1.96	1.90	2.44
9	2.25	1.85	2.33	1.98	1.79	2.33	3.38	1.99	1.52	2.03	1.91	2.45
10	2.32	1.83	2.24	1.98	1.66	1.98	3.61	1.87	1.54	1.99	1.90	2.42
11	2.43	1.77	2.21	1.87	1.57	2.12	3.76	1.94	1.62	1.92	1.90	2.44
12	2.49	1.79	2.38	1.93	1.68	2.07	3.84	1.96	1.60	1.98	1.96	2.39
13	2.90	1.81	2.56	2.03	1.65	1.94	3.67	1.70	1.57	2.12	2.00	2.34
14	3.24	1.83	2.65	2.01	1.58	2.02	3.41	1.56	1.44	2.27	2.12	2.34
15	3.26	1.86	2.59	1.94	1.61	2.15	3.22	1.67	1.46	2.34	2.42	2.32
16	3.11	1.84	2.65	2.00	1.46	2.09	3.15	1.73	1.54	2.47	2.99	2.33
17	2.95	1.79	2.76	2.00	1.55	2.14	3.04	1.71	1.48	2.55	3.06	2.44
18	2.92	1.76	2.64	1.91	1.61	2.13	2.90	1.44	1.56	2.43	3.06	2.51
19	2.87	1.71	2.56	1.96	1.80	2.22	2.80	1.40	1.60	2.30	3.05	2.55
20	2.79	1.44	2.43	1.95	1.84	2.19	2.70	1.53	1.60	2.20	3.04	2.71
21	2.69	1.54	2.40	1.97	1.81	1.70	2.62	1.59	1.57	2.11	2.99	2.63
22	2.63	1.65	2.46	2.02	1.60	1.53	2.42	1.62	1.54	2.05	2.90	2.53
23	2.62	1.81	2.48	2.18	1.71	1.71	2.36	1.66	1.55	2.04	2.83	2.42
24	2.64	1.82	2.30	2.19	1.80	1.85	2.35	1.62	1.60	2.01	2.76	2.35
25	2.40	1.71	2.19	1.91	1.87	1.82	2.16	1.56	1.73	2.09	2.67	2.33
26	2.30	1.86	2.12	2.00	1.38	1.64	2.16	1.53	1.84	2.24	2.57	2.23
27	2.23	1.96	2.04	2.04	1.39	1.71	2.33	1.52	2.04	2.33	2.52	2.40
28	2.18	2.11	2.10	2.08	1.58	1.83	2.28	1.48	2.27	2.37	2.43	2.42
29	2.18	2.33	2.05	2.10	---	1.95	2.15	1.45	2.41	2.31	2.34	2.41
30	2.12	2.51	1.93	2.17	---	1.99	2.18	1.40	2.42	2.23	2.30	2.40
31	2.14	---	1.84	2.25	---	2.13	---	1.50	---	2.19	2.26	---
MAX	3.26	2.51	2.83	2.25	1.87	2.56	3.84	2.23	2.42	2.55	3.06	2.71
MIN	2.11	1.44	1.84	1.69	1.38	1.53	1.66	1.40	1.40	1.92	1.82	2.21

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953, 1979-1993, 1997 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1980 to September 1982, May 2000 to September 2001.
WATER TEMPERATURES: April 1980 to September 1982, May 2000 to September 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 486 micromhos May 16, 2001; minimum daily, 51 micromhos Feb. 20, 1982.
WATER TEMPERATURES: Maximum daily, 32.9°C July 21; minimum daily, 6.0°C Jan. 17, 1982.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	143	130	135	156	121	141	154	128	138	122	111	115
2	138	129	131	137	124	131	130	103	119	123	115	119
3	140	126	130	133	118	127	103	78	90	135	122	128
4	138	124	128	135	112	124	78	65	71	144	126	134
5	137	124	126	128	116	123	65	58	61	137	126	130
6	147	120	124	142	127	134	59	58	58	129	110	116
7	153	125	132	152	141	148	60	59	60	148	111	128
8	135	129	133	150	135	145	66	60	62	151	132	146
9	140	132	135	161	136	146	68	60	65	133	112	125
10	138	127	132	154	129	142	63	60	62	120	109	114
11	141	133	137	141	120	129	63	59	60	114	102	108
12	195	137	175	126	116	121	61	51	55	136	102	112
13	222	185	196	121	112	117	87	52	63	183	136	164
14	187	133	162	124	107	117	183	82	136	229	183	212
15	133	111	120	124	107	117	182	113	139	232	220	227
16	114	109	111	130	122	125	113	99	106	232	225	228
17	109	102	106	130	121	125	99	90	95	229	225	227
18	102	95	98	132	124	128	95	89	92	244	228	236
19	95	91	93	135	124	130	89	84	86	233	187	217
20	92	90	91	131	125	127	85	81	83	221	187	202
21	93	91	92	135	130	133	83	79	81	224	178	203
22	103	91	94	135	121	131	82	73	79	178	166	171
23	122	97	107	126	120	123	104	73	88	167	140	156
24	125	95	106	127	119	122	106	97	102	150	118	138
25	124	95	106	132	123	126	99	89	95	136	118	124
26	146	114	124	129	122	124	102	85	91	122	108	117
27	153	126	138	123	120	121	103	88	101	108	99	103
28	165	138	150	129	117	122	98	84	89	103	96	101
29	148	130	140	220	124	155	94	84	87	101	95	98
30	154	131	144	233	150	184	107	85	97	115	99	107
31	160	149	156	---	---	---	117	100	106	112	99	105
MONTH	222	90	127	233	107	131	183	51	88	244	95	149

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	143	105	122	127	76	100	285	167	236	231	208	217
2	147	131	138	163	126	145	167	161	163	239	222	228
3	154	142	150	134	89	103	204	167	184	245	226	236
4	149	126	138	89	88	89	241	204	221	244	225	234
5	132	123	126	88	80	84	253	241	245	253	221	236
6	136	106	125	80	73	77	270	253	261	236	198	217
7	170	133	157	74	69	72	279	239	264	202	193	198
8	166	134	152	69	64	68	261	202	230	204	191	197
9	167	150	160	73	64	67	251	127	171	219	199	206
10	153	138	144	80	73	76	127	118	120	224	210	217
11	142	127	135	86	76	80	119	117	118	227	203	215
12	127	108	116	93	72	82	117	116	116	215	200	206
13	127	116	122	100	76	89	117	115	117	220	202	210
14	124	114	121	111	100	105	116	110	113	246	220	237
15	125	122	124	105	79	93	116	107	112	251	240	245
16	125	101	106	88	81	83	123	110	118	245	236	240
17	106	101	103	91	75	84	159	120	141	248	234	239
18	106	100	103	87	75	80	167	123	145	247	240	244
19	110	102	106	92	80	84	194	138	165	274	242	257
20	146	105	115	92	79	83	234	191	206	274	256	260
21	204	146	184	149	92	126	269	234	253	266	259	263
22	211	172	198	160	147	152	305	269	289	267	256	262
23	172	140	149	174	160	167	342	305	328	268	252	259
24	140	118	129	175	147	157	343	318	328	263	244	254
25	118	101	113	165	147	153	318	296	302	252	243	248
26	110	94	101	219	160	188	319	301	311	250	240	244
27	120	94	107	306	219	260	312	259	290	255	241	245
28	108	95	102	335	256	309	277	235	262	258	242	250
29	---	---	---	301	251	290	258	245	251	271	246	258
30	---	---	---	301	240	277	267	220	241	276	266	271
31	---	---	---	305	238	268	---	---	---	289	276	282
MONTH	211	94	130	335	64	132	343	107	210	289	191	238

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	287	280	284	367	319	347	188	179	184	155	136	144
2	287	277	281	321	301	312	187	179	184	149	142	144
3	283	278	281	325	292	311	188	182	184	156	142	146
4	281	275	279	344	309	328	188	180	182	158	146	150
5	286	275	279	341	314	334	210	178	185	154	149	151
6	279	272	276	322	303	309	184	179	181	155	148	151
7	333	277	298	339	317	328	189	182	183	156	145	150
8	337	313	324	347	331	339	183	179	182	148	141	145
9	344	317	330	340	323	331	180	179	180	147	141	144
10	336	318	324	336	328	331	186	180	182	147	142	145
11	331	318	323	366	334	356	188	183	185	149	144	146
12	340	295	332	347	304	314	188	183	185	147	144	145
13	347	334	344	356	302	330	189	184	186	149	141	144
14	374	334	351	359	326	347	194	185	187	143	140	142
15	382	369	376	328	311	320	191	158	184	147	138	142
16	381	362	373	324	255	303	220	154	190	144	134	140
17	397	365	384	255	195	227	154	127	137	152	144	148
18	411	387	398	199	189	194	128	120	125	153	149	151
19	404	378	390	204	196	199	120	107	113	154	150	152
20	422	385	406	205	199	202	115	107	110	153	142	151
21	433	422	427	203	195	197	121	115	118	150	133	139
22	449	433	440	202	194	199	125	120	123	160	142	151
23	468	428	452	216	200	208	131	121	128	147	132	140
24	468	444	456	222	215	219	145	129	134	135	125	127
25	468	428	444	219	206	214	148	131	141	136	129	132
26	441	418	428	214	207	212	163	143	150	139	133	136
27	461	419	433	210	189	199	166	137	148	141	133	136
28	528	461	492	195	183	190	162	136	144	141	133	136
29	508	384	458	194	185	188	160	133	142	145	133	141
30	397	367	384	197	181	189	160	138	145	154	144	150
31	---	---	---	181	178	179	161	135	143	---	---	---
MONTH	528	272	368	367	178	266	220	107	160	160	125	144

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.3	23.0	23.1	19.0	18.2	18.5	14.7	13.8	14.0	10.5	9.8	10.1
2	23.2	23.0	23.1	19.0	18.5	18.7	13.9	13.8	13.8	9.8	9.6	9.7
3	23.3	22.9	23.1	19.5	18.7	18.9	14.0	13.8	13.9	9.6	9.2	9.4
4	23.6	23.0	23.2	19.5	18.7	19.0	14.3	14.0	14.1	9.5	9.0	9.2
5	23.8	23.1	23.4	19.0	18.5	18.7	15.0	14.3	14.6	9.1	9.0	9.0
6	23.9	22.6	23.2	18.9	18.5	18.7	15.5	15.0	15.2	9.3	8.9	9.0
7	22.9	22.1	22.4	18.8	18.5	18.5	15.9	15.5	15.6	9.1	8.7	8.9
8	22.3	21.9	22.0	18.7	18.5	18.5	16.2	15.9	16.0	9.1	8.4	8.7
9	22.4	21.9	22.2	18.9	18.5	18.6	16.1	15.4	15.8	9.5	8.6	9.0
10	22.8	22.3	22.5	18.7	18.6	18.7	15.4	15.0	15.2	10.0	9.0	9.4
11	22.9	22.5	22.7	19.1	18.7	18.7	15.0	14.4	14.6	10.2	9.7	9.9
12	22.5	21.9	22.1	18.9	18.7	18.8	14.7	14.4	14.5	10.0	9.4	9.7
13	22.6	21.8	22.2	19.0	18.6	18.8	15.9	14.7	15.2	10.2	9.4	9.7
14	21.8	20.2	20.9	19.4	18.8	18.9	16.6	15.8	16.0	10.9	10.2	10.5
15	20.2	19.7	19.8	19.2	18.7	18.9	16.7	16.5	16.6	10.6	10.3	10.4
16	19.8	19.4	19.7	19.0	18.7	18.8	16.9	16.4	16.6	10.7	10.3	10.5
17	19.4	18.5	19.0	19.1	18.6	18.8	17.9	16.9	17.5	11.2	10.5	10.9
18	18.5	17.7	18.1	18.8	18.6	18.7	17.8	17.0	17.5	12.0	11.0	11.4
19	17.8	17.4	17.6	19.1	18.5	18.7	17.0	15.9	16.5	11.7	10.8	11.3
20	17.9	17.3	17.5	18.7	18.3	18.5	15.9	15.0	15.5	11.6	10.8	11.1
21	18.3	17.5	17.7	18.3	18.1	18.2	15.0	14.3	14.6	12.2	11.6	11.8
22	18.3	17.9	18.1	18.2	18.0	18.1	14.3	14.1	14.2	12.2	11.6	11.9
23	18.9	18.1	18.3	18.5	18.0	18.2	14.5	14.2	14.3	13.3	12.2	12.6
24	21.1	18.7	19.9	19.2	18.3	18.6	14.5	13.9	14.2	14.3	13.2	13.7
25	21.1	20.4	20.8	18.7	18.3	18.5	13.9	12.9	13.4	14.9	13.9	14.5
26	20.4	19.7	20.0	18.9	18.5	18.7	12.9	12.0	12.4	15.1	14.4	14.6
27	19.7	19.1	19.4	19.4	18.8	19.1	12.0	11.2	11.6	14.4	14.1	14.2
28	19.1	18.4	18.6	19.6	19.0	19.3	11.4	11.0	11.1	14.2	13.8	14.0
29	18.7	18.2	18.4	19.0	17.5	18.3	11.8	11.0	11.3	15.1	13.9	14.4
30	18.4	18.1	18.2	17.5	14.7	16.0	11.2	10.8	11.0	15.8	14.8	15.2
31	18.4	18.0	18.1	---	---	---	10.8	10.5	10.6	16.2	15.6	15.9
MONTH	23.9	17.3	20.5	19.6	14.7	18.6	17.9	10.5	14.4	16.2	8.4	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.2	15.8	15.9	14.3	13.8	14.1	19.9	19.3	19.6	26.9	26.1	26.6
2	16.1	15.7	15.9	13.8	12.0	12.9	20.2	19.6	19.9	27.0	25.9	26.5
3	16.0	15.6	15.8	12.0	10.2	11.1	20.3	19.7	19.9	27.0	25.6	26.2
4	15.6	14.9	15.2	10.2	9.4	9.6	20.2	19.6	19.8	27.4	26.0	26.6
5	14.9	14.5	14.7	9.6	9.3	9.4	20.1	19.1	19.5	27.7	26.4	27.0
6	14.5	14.0	14.2	10.1	9.4	9.8	19.2	18.5	18.7	28.5	27.3	27.8
7	14.0	13.1	13.5	11.3	10.1	10.7	19.0	18.4	18.7	28.6	27.7	28.2
8	13.7	12.6	13.0	12.6	11.3	12.0	18.8	17.9	18.4	28.7	27.8	28.2
9	12.6	10.8	11.8	14.1	12.5	13.3	17.9	16.9	17.1	28.4	27.8	28.0
10	10.8	9.9	10.3	14.4	13.8	14.1	17.9	17.0	17.3	28.5	27.7	28.0
11	10.0	9.6	9.8	14.2	13.7	13.9	18.8	17.8	18.2	28.6	27.8	28.1
12	10.6	9.5	9.8	14.8	14.1	14.5	19.2	18.6	18.8	28.7	27.9	28.3
13	11.7	10.2	10.7	14.6	14.4	14.5	19.8	19.0	19.3	28.5	27.5	28.1
14	11.0	10.2	10.5	15.4	14.4	14.8	20.4	19.6	19.9	27.5	26.5	26.9
15	11.0	10.4	10.6	16.8	15.3	15.9	20.8	20.3	20.5	26.8	26.1	26.4
16	11.6	10.3	10.9	17.9	16.2	16.9	21.4	20.8	21.1	26.9	26.0	26.4
17	11.2	10.5	10.8	19.4	17.6	18.3	22.0	21.4	21.7	26.6	26.0	26.3
18	11.7	10.5	11.0	19.5	18.4	19.1	23.0	22.0	22.5	26.0	25.3	25.6
19	12.3	11.2	11.6	20.6	19.2	19.8	23.6	22.6	23.0	25.7	25.0	25.3
20	13.0	11.7	12.3	21.1	19.8	20.4	24.5	23.1	23.6	25.1	24.6	24.8
21	14.6	12.5	13.5	20.2	19.4	19.8	24.9	24.2	24.5	24.8	24.5	24.6
22	14.6	13.5	14.0	19.5	18.6	19.0	25.8	24.9	25.3	25.2	24.4	24.7
23	15.5	14.0	14.6	18.6	17.9	18.2	25.2	24.4	24.8	25.2	24.4	24.8
24	15.9	14.9	15.3	18.4	18.0	18.3	25.6	24.3	24.8	25.1	24.5	24.8
25	16.2	15.4	15.8	18.9	18.3	18.5	25.1	24.4	24.7	25.7	24.7	25.1
26	15.9	14.9	15.3	19.0	18.3	18.7	25.2	24.6	24.8	26.1	25.3	25.6
27	15.2	14.4	14.8	19.0	18.0	18.3	25.5	24.7	25.0	26.2	25.5	25.8
28	14.7	14.2	14.4	18.6	17.9	18.1	26.3	25.2	25.7	26.2	25.5	25.7
29	---	---	---	19.0	18.5	18.7	26.8	25.8	26.1	26.0	25.6	25.7
30	---	---	---	19.3	18.7	19.0	27.1	25.9	26.7	25.7	25.2	25.4
31	---	---	---	19.3	18.9	19.1	---	---	---	25.5	25.0	25.1
MONTH	16.2	9.5	13.1	21.1	9.3	15.8	27.1	16.9	21.7	28.7	24.4	26.3

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
OCT													
23...	1045	83	6.9	19.0	3.7	22	7.10	2.6	E.04	.86	<.008	.07	.19
DEC													
12...	0800	53	6.6	14.4	5.0	11	6.34	1.9	E.02	.70	E.004	<.05	.121
FEB													
12...	0700	110	7.0	9.4	14.1	24	12.4	4.1	.07	1.2	E.007	.27	.192
MAR													
19...	0800	81	7.1	19.8	6.0	19	8.23	2.7	.08	1.0	E.004	.10	.184
APR													
16...	1415	99	7.5	21.0	3.2	26	9.41	2.5	.08	1.2	E.007	.08	.24
MAY													
29...	0700	290	7.7	25.5	4.4	91	29.6	2.8	.12	1.2	E.006	.28	.24
JUN													
25...	1000	443	7.9	27.7	5.7	138	52.0	4.4	.08	1.4	<.008	<.05	.21
AUG													
28...	0700	155	7.0	27.4	.7	50	12.3	3.5	.08	.97	.008	<.05	.31

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT				
23...	.07	614	34	56.4
DEC				
12...	.04	3390	41	375
FEB				
12...	.03	1520	98	402
MAR				
19...	.04	1550	46	193
APR				
16...	.07	5830	104	1640
MAY				
29...	.07	-.98	90	--
JUN				
25...	.05	-596	80	--
AUG				
28...	.14	872	40	94.2

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
OCT													
23...	<.002	<.004	<.002	<.005	.072	<.010	<.002	E.006	<.020	<.005	<.018	<.003	E.004
DEC													
12...	<.002	<.004	<.002	<.005	.093	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006
FEB													
12...	<.006	<.006	<.004	<.005	E.004	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006
MAR													
19...	<.006	<.006	<.004	<.005	.058	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.004
APR													
16...	<.006	<.006	<.004	<.005	.256	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.008
MAY													
29...	<.006	<.006	<.004	<.005	.130	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.010
JUN													
25...	<.006	<.006	<.004	<.005	.601	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.026
AUG													
28...	<.006	<.006	<.004	<.005	.485	<.010	<.002	E.019	<.020	<.005	<.018	<.003	E.013

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)
OCT													
23...	.007	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.009
DEC													
12...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.032
FEB													
12...	<.005	<.005	<.02	<.005	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013
MAR													
19...	<.010	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.022
APR													
16...	.015	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.029
MAY													
29...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	E.004	<.050	<.006	.032
JUN													
25...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.061
AUG													
28...	.010	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	E.005n	<.050	<.006	.030

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
OCT													
23...	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011
DEC													
12...	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011
FEB													
12...	<.006	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	M	<.004	<.010	<.011
MAR													
19...	<.006	.045	<.007	<.003	<.010	<.004	<.022	<.006	<.011	<.01	<.004	<.010	<.011
APR													
16...	<.006	.340	<.007	<.003	<.010	<.004	<.022	<.006	<.011	.04	<.004	<.010	<.011
MAY													
29...	<.006	1.10	<.007	<.003	<.010	<.004	<.022	<.006	<.011	<.01	<.004	<.010	<.011
JUN													
25...	<.006	1.89	<.007	<.003	<.010	<.004	<.022	<.006	<.011	M	<.004	<.010	<.011
AUG													
28...	<.010	.007	<.007	<.003	<.010	<.004	<.022	<.006	<.011	E.01n	.010	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT								
23...	<.02	<.011	.03	<.034	<.02	<.005	<.002	<.009
DEC								
12...	<.02	<.011	.03	<.034	<.02	<.005	<.002	<.009
FEB								
12...	<.02	<.005	<.02	<.034	<.02	<.005	<.002	<.009
MAR								
19...	<.02	<.005	.05	<.034	<.02	<.005	<.002	<.009
APR								
16...	<.02	<.005	.04	<.034	<.02	<.005	<.002	<.009
MAY								
29...	<.02	<.005	.03	<.034	<.02	<.005	<.002	<.009
JUN								
25...	<.02	.011	.04	<.034	<.02	.007	<.002	<.009
AUG								
28...	<.02	.010	.05	<.034	<.02	<.005	<.002	<.009

Value qualifier codes used in this report:
n -- Below the NDV

E Estimated value.
< Actual value is known to be less than the value shown.
M Presence of material verified but not quantified.

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE ¼ SE ¼ sec. 21, T.11 S., R.5 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at bridge on State Highway 14, 12.9 mi west of Lake Arthur, and 16.8 mi upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1969 to September 1974 (annual peaks), October 1974 to September 1985 (gage height only), October 1985 to current year.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 7.00 ft below NGVD of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

REMARKS.--No estimated daily discharge. Records fair. Discharge affected by wind and tide at all stages. Reverse flow at times during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft, May 19, 1980; minimum gage height, 7.14 ft, Oct. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 4,990 ft^3/s, Apr. 11; maximum gage height, 10.05 ft, Apr. 10, 11; maximum negative discharge, -1,290 ft^3/s, Nov. 22;minimum gage height, 7.72 ft, Feb. 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	61	1700	32	531	-21	1140	-191	-8.5	524	244	-73
2	26	102	1340	119	-0.34	2300	847	-92	3.3	399	155	-75
3	49	-1.3	829	104	-6.5	3220	729	-5.3	-38	286	-68	-117
4	26	-30	295	11	-36	2340	37	-28	-36	205	-76	-67
5	266	---	40	150	-49	1550	-68	-243	-77	132	-71	-104
6	602	-254	134	263	728	610	-47	-229	-108	68	-16	-115
7	212	-67	163	157	789	490	-333	-234	-129	-58	-174	-221
8	-32	-45	251	41	174	3.1	1300	-322	-67	-48	-118	-105
9	-266	-52	232	67	42	534	4010	-34	-78	20	-161	-12
10	-20	-46	0.70	126	148	113	4780	-199	-38	39	-149	-114
11	278	-5.5	-274	158	-71	-277	4510	-328	23	-30	-183	-113
12	927	-46	-202	136	-22	260	3690	-189	60	-60	-95	-90
13	1420	12	861	203	-10	-4.1	2670	-29	6.1	-29	-71	-124
14	2990	-46	2510	187	-41	-66	1970	-332	-71	176	-148	-94
15	3060	-17	2190	97	48	-88	1120	-275	-96	389	257	-71
16	2810	-11	1630	34	-163	191	302	-184	-20	309	969	-92
17	2040	2.3	1720	142	-43	55	451	19	38	184	1320	55
18	1370	21	1490	151	-112	-35	387	96	7.9	142	1090	180
19	738	79	1280	506	-202	-156	412	-177	-7.7	68	777	81
20	447	-119	639	670	775	328	352	-189	18	49	503	1140
21	228	-76	234	425	511	230	479	-132	2.8	-13	446	2100
22	140	-253	71	90	21	-172	472	-148	-22	-38	309	2340
23	263	-46	965	233	-78	-104	-12	-138	-52	-26	220	1930
24	193	67	1030	523	-89	-6.8	167	-164	-18	114	250	1370
25	372	-40	756	829	187	10	258	-161	22	152	285	862
26	116	-117	607	312	275	109	-202	-188	57	67	240	703
27	40	198	128	63	-187	-101	-278	-160	335	14	172	265
28	-31	23	66	92	-165	-30	112	-142	999	0.12	434	83
29	48	1080	200	75	---	152	86	-94	861	43	320	39
30	3.5	1630	52	8.9	---	-54	-133	-58	705	59	75	-7.1
31	-145	---	91	125	---	948	---	-49	---	147	-81	---
TOTAL	18213.5	---	21028.70	6129.9	2954.16	12328.2	29208	-4599.3	2271.9	3284.12	6655	9553.9

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.03	8.91	9.12	8.51	8.48	8.71	8.71	8.87	8.23	9.16	8.86	8.99
2	9.02	8.87	9.10	8.39	8.40	9.13	8.78	8.86	8.24	9.10	8.76	8.96
3	9.03	8.80	9.09	8.36	8.43	8.95	8.60	8.79	8.30	9.04	8.77	9.00
4	9.06	8.71	9.12	8.51	8.32	8.96	8.41	8.70	8.27	8.97	8.71	8.98
5	9.03	---	9.20	8.60	8.29	9.03	8.38	8.67	8.23	8.84	8.66	8.99
6	8.90	8.67	9.19	8.52	8.27	9.09	8.44	8.71	8.13	8.72	8.57	9.03
7	8.86	8.66	9.15	8.51	8.19	9.01	8.66	8.74	8.11	8.70	8.56	9.17
8	8.90	8.63	9.04	8.65	8.37	9.06	9.09	8.79	8.19	8.69	8.60	9.27
9	9.03	8.57	8.83	8.67	8.50	8.91	9.69	8.68	8.24	8.75	8.66	9.22
10	9.11	8.54	8.83	8.68	8.23	8.68	9.99	8.57	8.29	8.69	8.67	9.18
11	9.14	8.49	8.89	8.58	8.23	8.85	10.03	8.66	8.37	8.59	8.68	9.14
12	9.24	8.50	9.06	8.61	8.37	8.70	9.96	8.66	8.32	8.62	8.70	9.09
13	9.54	8.55	9.18	8.73	8.35	9.09	9.81	8.39	8.25	8.76	8.73	9.04
14	9.70	8.62	9.24	8.70	8.32	8.76	9.70	8.29	8.08	8.91	8.80	9.03
15	9.83	8.64	9.32	8.66	8.34	8.87	9.64	8.40	8.13	9.01	9.06	9.00
16	9.74	8.58	9.40	8.72	8.15	8.81	9.68	8.44	8.25	9.09	9.55	9.02
17	9.64	8.52	9.32	8.72	8.24	8.83	9.60	8.38	8.22	9.09	9.72	9.15
18	9.57	8.47	9.20	8.64	8.42	8.87	9.47	8.13	8.29	9.02	9.74	9.23
19	9.51	8.42	9.09	8.62	8.61	8.96	9.41	8.12	8.35	8.92	9.67	9.29
20	9.43	8.16	9.01	8.68	8.47	8.86	9.35	8.26	8.33	8.85	9.64	9.56
21	9.38	8.25	9.03	8.66	8.47	8.41	9.29	8.31	8.32	8.77	9.63	9.67
22	9.35	8.42	9.12	8.73	8.25	8.26	9.12	8.35	8.28	8.71	9.59	9.66
23	9.33	8.55	9.05	8.87	8.38	8.43	9.04	8.39	8.27	8.71	9.53	9.50
24	9.32	8.51	8.94	8.83	8.50	8.56	9.03	8.35	8.31	8.68	9.47	9.33
25	9.18	8.44	8.84	8.58	8.53	8.54	8.89	8.26	8.45	8.75	9.40	9.19
26	9.08	8.62	8.71	8.68	7.94	8.29	8.85	8.21	8.56	8.86	9.28	8.97
27	8.98	8.72	8.72	8.73	8.06	8.38	9.00	8.21	8.82	8.93	9.24	9.10
28	8.96	8.85	8.82	8.76	8.34	8.51	8.94	8.18	9.14	8.98	9.20	9.14
29	8.91	8.82	8.76	8.79	---	8.59	8.82	8.12	9.28	8.93	9.10	9.12
30	8.85	9.05	8.70	8.89	---	8.67	8.82	8.10	9.25	8.89	9.03	9.10
31	8.89	---	8.58	8.92	---	8.70	---	8.22	---	8.88	9.01	---
MAX	9.83	---	9.40	8.92	8.61	9.13	10.03	8.87	9.28	9.16	9.74	9.67
MIN	8.85	---	8.58	8.36	7.94	8.26	8.38	8.10	8.08	8.59	8.56	8.96

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998-current year.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: June 2000 to September 2001.
WATER TEMPERATURE: June 2000 to September 2001.

EXTREEMES FOR PERIOD OF DAILY RECORD.-- SPECIFIC CONDUCTANCE; Maximum daily, 1,480 microsiemens/cm, Nov. 6, 2000; minimum daily, 57 microsiemens/cm, Mar. 31, 2001.
WATER TEMPERATURE: Maximum daily, 34.7°C, July 19, 2001; minimum daily, 5.9°C, Jan. 4, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
OCT													
23...	1330	100	6.8	23.0	3.2	28	9.59	2.4	E.02	.90	<.008	<.05	.24
DEC													
11...	1415	117	6.8	15.1	1.4	26	13.6	3.5	.10	.88	.008	.06	.180
FEB													
12...	0915	177	7.2	10.9	7.3	35	24.6	5.2	.15	1.5	.015	.32	.24
MAR													
19...	1200	110	7.0	22.1	6.0	18	14.5	5.6	.20	2.4	E.005	.11	.39
APR													
17...	0830	132	7.0	23.5	--	31	17.1	3.6	.23	1.5	<.008	<.05	.38
MAY													
28...	1515	173	7.8	27.0	6.7	33	25.1	5.3	<.04	1.2	.018	.29	.25
JUN													
26...	0815	189	7.7	26.9	2.0	44	26.1	4.1	<.04	1.2	.011	.13	.26
AUG													
29...	0815	128	7.1	27.0	.3	36	11.4	2.3	<.04	1.1	<.008	<.05	.34

Date	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT				
23...	.06	98	35	9.3
DEC				
11...	.04	-121	29	--
FEB				
12...	.02	-62	85	--
MAR				
19...	E.01	-389	388	--
APR				
17...	.07	602	122	198
MAY				
28...	.04	-131	126	--
JUN				
26...	.04	110	64	19.0
AUG				
29...	.05	451	31	37.7

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
OCT													
23...	<.002	<.004	<.002	<.005	E.006	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006
DEC													
11...	<.002	<.004	<.002	<.005	.226	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006
FEB													
12...	<.006	<.006	<.004	<.005	.025	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.006
MAR													
19...	<.006	<.006	<.004	<.005	.045	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006
APR													
17...	<.006	<.006	<.004	<.005	.566	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.024
MAY													
28...	<.006	<.006	<.004	<.005	.367	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.023
JUN													
26...	<.006	<.006	<.004	<.005	.282	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.024
AUG													
29...	<.006	<.006	<.004	<.005	E.006n	<.010	<.002	E.003	<.020	<.005	<.018	<.003	E.002

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)
OCT													
23...	E.004	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.010
DEC													
11...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.010
FEB													
12...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.009
MAR													
19...	<.007	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.012
APR													
17...	.010	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.014
MAY													
28...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	E.006	<.050	<.006	.018
JUN													
26...	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	.100	<.050	.016	E.010
AUG													
29...	.006	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	.043	<.050	<.006	E.010n

Date	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
OCT													
23...	<.006	<.006	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011
DEC													
11...	<.006	<.007	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011
FEB													
12...	E.002	.004	<.007	<.003	<.010	<.004	<.022	<.006	<.011	M	<.004	<.010	<.011
MAR													
19...	<.015	<.002	<.007	<.003	<.010	<.004	<.022	<.006	<.011	<.01	<.004	<.010	<.011
APR													
17...	.046	2.12	<.007	<.003	<.010	<.004	<.022	<.006	<.011	<.01	<.004	<.010	<.011
MAY													
28...	<.006	.038	<.007	<.003	<.010	<.004	<.022	<.006	<.011	E.01	<.004	<.010	<.011
JUN													
26...	.019	.311	<.007	<.003	<.010	<.004	<.022	<.006	<.011	M	<.004	<.010	<.011
AUG													
29...	<.006	.004	<.007	<.003	<.010	<.004	<.022	<.006	<.011	E.01n	<.004	<.010	<.011

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT								
23...	<.02	<.011	.03	<.034	<.02	<.005	<.002	<.009
DEC								
11...	<.02	.125	.04	<.034	<.02	<.005	<.002	<.009
FEB								
12...	<.02	.030	.02	<.034	<.02	<.005	<.002	<.009
MAR								
19...	<.02	<.005	.08	<.034	<.02	<.005	<.002	<.009
APR								
17...	<.02	.005	.06	<.034	<.02	.009	<.002	<.009
MAY								
28...	<.02	.011	.06	<.034	<.02	<.005	<.002	<.009
JUN								
26...	<.02	E.004	.07	<.034	<.02	<.005	<.002	<.009
AUG								
29...	<.02	<.005	.04	<.034	<.02	<.005	<.002	<.009

Value qualifier codes used in this report:
n -- Below the NDV

E Estimated value.
< Actual value is known to be less than the value shown.
M Presence of material verified but not quantified.

08013000 CALCASIEU RIVER NEAR GLENMORA, LA

LOCATION.--Lat 30°59'45", long 92°40'25", in SE ¼ SE ¼ sec.4, T.1 S., R.3 W., Louisiana Meridian, Rapides Parish, Hydrologic Unit 08080203, on right bank on downstream side of bridge on State Highway 113, 1.0 mi upstream from Prairie Branch, and 4.6 mi northwest of Glenmora.

DRAINAGE AREA.--499 mi^2.

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1118: 1944-47.

GAGE.--Water-stage recorder. Datum of gage is 110.77 ft above NGVD of 1929. Prior to Nov. 19, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good. Gage-height telemetry at station.

PEAK DISCHARGES 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)
Oct 14	0030	5,210	14.74	Nov 30	1400	*16,800	*17.77
Oct 17	0900	8,280	15.62	Dec 17	0800	14,400	17.38

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	131	92	14300	796	934	1230	1490	87	50	49	79	33
2	104	87	11600	505	806	1390	1500	82	76	42	64	32
3	88	81	8020	370	661	1570	1430	77	78	39	56	31
4	78	78	4940	303	527	1740	1400	73	58	34	50	30
5	71	75	3450	270	422	2010	1480	68	51	31	47	30
6	68	72	2800	288	707	2190	1640	65	45	30	44	29
7	64	70	2320	331	1050	2230	1630	62	41	29	42	29
8	61	67	1800	449	1170	2180	1550	60	39	28	39	30
9	64	64	1100	556	1350	1940	1860	57	37	27	38	30
10	83	62	632	608	1510	1320	1830	55	36	27	36	29
11	82	61	486	580	1640	706	2030	53	36	26	35	29
12	217	59	451	517	1740	459	3110	51	35	27	37	29
13	3620	57	522	419	1690	367	3870	49	41	27	36	29
14	4400	56	1320	328	1290	313	3220	48	62	27	38	28
15	3020	56	1820	268	757	299	2610	46	48	30	42	27
16	4140	54	4330	232	442	301	2030	45	42	41	71	27
17	7850	53	13300	207	313	329	1220	44	38	42	76	28
18	5940	52	7780	190	257	403	550	45	36	40	107	31
19	4230	51	4380	185	228	559	304	43	34	35	95	34
20	3300	50	3270	200	399	752	224	42	32	37	69	421
21	2660	49	2740	218	548	1020	185	41	32	34	56	798
22	1810	49	2420	237	797	1100	159	42	31	30	53	591
23	751	48	2420	276	1280	941	143	42	32	27	51	517
24	289	47	2310	543	1860	810	135	40	32	26	49	419
25	190	47	2120	1140	2360	681	129	39	34	260	48	231
26	154	47	1900	828	2520	916	122	39	31	1300	53	131
27	134	273	1720	815	2320	996	113	45	44	974	46	98
28	121	1170	1620	807	1840	928	106	44	54	615	41	77
29	113	5220	1610	758	---	1020	100	40	52	322	38	64
30	105	15700	1580	679	---	1100	93	43	55	135	36	57
31	98	---	1270	605	---	1320	---	47	---	99	34	---
TOTAL	44036	23947	110331	14508	31418	33120	36263	1614	1312	4490	1606	3969
MEAN	1421	798.2	3559	468.0	1122	1068	1209	52.06	43.73	144.8	51.81	132.3
MAX	7850	15700	14300	1140	2520	2230	3870	87	78	1300	107	798
MIN	61	47	451	185	228	299	93	39	31	26	34	27
AC-FT	87350	47500	218800	28780	62320	65690	71930	3200	2600	8910	3190	7870
CFSM	2.85	1.60	7.13	0.94	2.25	2.14	2.42	0.10	0.09	0.29	0.10	0.27
IN.	3.28	1.79	8.23	1.08	2.34	2.47	2.70	0.12	0.10	0.33	0.12	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2002, BY WATER YEAR (WY)

MEAN	235.1	512.4	1129	1543	1563	1345	1133	948.2	397.1	255.9	143.9	190.4
MAX	2460	3956	6770	4612	4901	4293	3938	10500	3865	4535	1978	1595
(WY)	1986	1958	1983	1947	1966	1995	1995	1953	1989	1989	1955	1958
MIN	16.5	24.1	29.4	37.1	35.4	103	91.9	45.3	30.3	24.8	19.9	17.0
(WY)	1957	2000	1955	2000	2000	1954	1981	1963	1998	1954	2000	1954

08013000 CALCASIEU RIVER NEAR GLENMORA, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1944 - 2002	
ANNUAL TOTAL	422255		306614			
ANNUAL MEAN	1157		840.0		779.6	
HIGHEST ANNUAL MEAN					1659	1989
LOWEST ANNUAL MEAN					163	2000
HIGHEST DAILY MEAN	15700	Nov 30	15700	Nov 30	55900	May 19 1953
LOWEST DAILY MEAN	29	Aug 27	a26	Jul 11	15	Oct 7 1954
ANNUAL SEVEN-DAY MINIMUM	30	Aug 24	27	Jul 8	15	Aug 31 2000
MAXIMUM PEAK FLOW			16800	Nov 30	59500	May 19 1953
MAXIMUM PEAK STAGE			17.77	Nov 30	21.55	May 19 1953
INSTANTANEOUS LOW FLOW			b26	Jul 11	d15	Sep 27 1954
INSTANTANEOUS LOW STAGE			c4.64	Sep 16	*	
ANNUAL RUNOFF (AC-FT)	837500		608200		564800	
ANNUAL RUNOFF (CFSM)	2.32		1.68		1.56	
ANNUAL RUNOFF (INCHES)	31.48		22.86		21.23	
10 PERCENT EXCEEDS	3160		2180		2100	
50 PERCENT EXCEEDS	233		113		165	
90 PERCENT EXCEEDS	44		32		31	

a Also occurred Jul 24
b Several days in July
c Also occurred Sep 17
d Also occurred Sep 28, 1954, and several days Sep-Nov, 2000
* Not determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.68	6.17	17.37	11.19	11.59	12.20	12.63	6.09	5.34	5.33	5.78	4.81
2	6.23	6.07	16.87	10.03	11.24	12.47	12.64	5.99	5.87	5.18	5.49	4.78
3	5.95	5.98	16.05	9.24	10.73	12.73	12.54	5.89	5.91	5.12	5.31	4.76
4	5.76	5.91	15.08	8.76	10.15	12.95	12.48	5.81	5.53	4.99	5.20	4.74
5	5.62	5.85	14.41	8.48	9.58	13.27	12.61	5.73	5.36	4.92	5.12	4.72
6	5.57	5.80	13.97	8.63	10.86	13.46	12.83	5.67	5.24	4.88	5.06	4.72
7	5.49	5.76	13.58	8.96	11.87	13.49	12.81	5.61	5.16	4.86	5.01	4.71
8	5.41	5.71	13.02	9.73	12.11	13.45	12.71	5.56	5.10	4.85	4.96	4.75
9	5.48	5.65	11.94	10.29	12.41	13.20	13.11	5.51	5.06	4.81	4.92	4.72
10	5.86	5.61	10.60	10.51	12.66	12.32	13.07	5.46	5.05	4.82	4.88	4.71
11	5.83	5.58	9.95	10.40	12.83	10.87	13.29	5.42	5.04	4.79	4.85	4.70
12	7.72	5.54	9.75	10.11	12.96	9.79	14.18	5.38	5.01	4.81	4.90	4.70
13	13.87	5.51	10.09	9.56	12.90	9.22	14.64	5.34	5.16	4.81	4.88	4.69
14	14.42	5.48	12.30	8.94	12.30	8.83	14.28	5.30	5.59	4.80	4.92	4.68
15	13.74	5.47	13.06	8.46	11.05	8.72	13.82	5.27	5.31	4.90	5.01	4.66
16	14.28	5.44	14.29	8.09	9.68	8.73	13.28	5.24	5.17	5.15	5.61	4.64
17	15.51	5.42	17.19	7.82	8.83	8.95	12.13	5.23	5.09	5.17	5.71	4.67
18	14.97	5.40	15.96	7.62	8.35	9.45	10.20	5.24	5.05	5.13	6.27	4.76
19	14.36	5.37	14.86	7.56	8.05	10.30	8.75	5.21	4.99	5.02	6.06	4.84
20	13.92	5.35	14.31	7.73	9.37	11.06	8.01	5.18	4.96	5.06	5.59	8.73
21	13.48	5.32	13.92	7.94	10.26	11.80	7.56	5.16	4.96	5.00	5.33	11.01
22	12.68	5.32	13.66	8.15	11.19	11.96	7.23	5.18	4.91	4.90	5.26	10.30
23	10.73	5.31	13.67	8.52	12.29	11.63	6.99	5.17	4.94	4.82	5.21	10.00
24	8.60	5.28	13.56	9.92	13.09	11.27	6.88	5.13	4.94	4.78	5.17	9.49
25	7.61	5.29	13.39	12.03	13.61	10.80	6.79	5.12	4.99	7.28	5.14	8.04
26	7.16	5.28	13.15	11.33	13.75	11.51	6.68	5.10	4.92	12.02	5.26	6.81
27	6.86	7.79	12.93	11.29	13.57	11.75	6.53	5.24	5.22	11.40	5.11	6.28
28	6.66	12.03	12.80	11.26	13.07	11.60	6.42	5.22	5.44	10.38	5.00	5.89
29	6.54	14.84	12.79	11.09	---	11.80	6.31	5.13	5.40	8.75	4.93	5.65
30	6.39	17.59	12.75	10.80	---	11.97	6.19	5.20	5.47	6.74	4.88	5.50
31	6.27	---	12.27	10.50	---	12.36	---	5.28	---	6.13	4.84	---
MAX	15.51	17.59	17.37	12.03	13.75	13.49	14.64	6.09	5.91	12.02	6.27	11.01
MIN	5.41	5.28	9.75	7.56	8.05	8.72	6.19	5.10	4.91	4.78	4.84	4.64

08013500 CALCASIEU RIVER NEAR OBERLIN, LA

LOCATION.--Lat 30°38'25", long 92°48'50", in NW ¼ NE ¼ sec. 7, T. 5 S., R. 4 W., Allen Parish, Hydrologic Unit 08080203, near left bank on downstream side of bridge on State Highway 26, 3.0 mi northwest of Oberlin, and 15 mi southest of Whisky Chitto Creek.

DRAINAGE AREA.--753 mi^2.

PERIOD OF RECORD.--August 1922 to January 1925, September 1938 to current year.

REVISED RECORDS.--WSP 1512: 1923, 1939(M).

GAGE.--Water-stage recorder. Datum of gage is 39.43 ft above NGVD of 1929. Prior to February 1925 at datum about 2.5 ft higher. September 1938 to Aug. 7, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good except for period of missing record which are poor. Prior to November 1981 paper mill at Elizabeth pumped about 11 ft^3/s of water from wells which was later discharged into Mill Creek 20 mi upstream from station. Some small diversions from April to September for rice irrigation upstream from station.

PEAK DISCHARGES 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)
Oct 16	1600	8,680	15.93	Dec 2	2330	*18,200	*19.13

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	439	159	12600	e1850	e640	e1030	e1400	e158	e95	e285	383	65
2	304	144	16700	e1600	e850	e2110	e1650	e152	e92	e205	239	62
3	219	131	17300	e1430	e1070	e5750	e1600	e145	e90	e145	179	61
4	179	122	15100	e1240	e980	e6300	e1300	e140	e87	e109	146	60
5	155	115	12800	e1080	e840	e5700	e1100	e135	e84	e94	123	59
6	144	111	10300	e910	e780	e5000	e890	e128	e81	e88	110	58
7	134	108	e8600	e700	e1350	e3700	e745	e125	e80	e84	102	58
8	123	105	e6200	e540	e2330	e2240	e675	e119	e82	e80	95	56
9	115	101	e4000	e430	e1800	e1360	e3200	e117	e110	e76	88	55
10	111	99	e2420	e500	e1300	e1180	e5900	e114	e193	76	83	54
11	114	96	e1430	e530	e920	e1150	e6600	e110	e215	78	79	53
12	140	94	e840	e510	e765	e1130	e6200	e108	262	78	77	52
13	259	91	e690	e425	e720	e1070	e4600	e106	194	80	92	50
14	1330	90	e760	e365	e690	e870	e3250	105	129	80	94	49
15	4440	89	e1600	e350	e650	e630	e2300	101	108	76	112	48
16	8140	87	e2700	e305	e570	e500	e1600	100	103	76	308	50
17	6920	85	e3300	e245	e380	e415	e1550	99	103	83	380	53
18	4460	83	e3860	e218	e275	e330	e1620	99	97	93	250	51
19	4430	82	e4400	e240	e400	e275	e1180	97	91	87	162	50
20	6710	80	e5700	e370	e690	e250	e840	94	87	80	139	220
21	6440	79	e6350	e610	e1310	e235	e435	91	83	78	136	443
22	4940	78	e6200	e660	e1570	e230	e330	89	80	72	115	596
23	3720	76	e4350	e510	e1690	e235	e285	89	78	70	105	730
24	2800	76	e3700	e400	e1630	e250	e245	86	76	73	93	677
25	1890	74	e3100	e580	e1300	e320	e218	e91	74	88	87	528
26	986	72	e2810	e1690	e1050	e740	e203	e97	74	641	82	461
27	504	203	e2640	e1800	e930	e2000	e189	e102	136	2030	78	366
28	319	2190	e2520	e1460	e920	e3250	e180	e112	e278	2820	75	251
29	243	6080	e2430	e1050	---	e3700	e170	115	e380	1860	75	182
30	202	10700	e2390	e830	---	e2550	e162	101	e435	1070	72	148
31	178	---	e2080	e680	---	e1580	---	97	---	673	69	---
TOTAL	61088	21700	169870	24108	28400	56080	50617	3422	4077	11528	4228	5646
MEAN	1971	723.3	5480	777.7	1014	1809	1687	110.4	135.9	371.9	136.4	188.2
MAX	8140	10700	17300	1850	2330	6300	6600	158	435	2820	383	730
MIN	111	72	690	218	275	230	162	86	74	70	69	48
AC-FT	121200	43040	336900	47820	56330	111200	100400	6790	8090	22870	8390	11200
CFSM	2.62	0.96	7.28	1.03	1.35	2.40	2.24	0.15	0.18	0.49	0.18	0.25
IN.	3.02	1.07	8.39	1.19	1.40	2.77	2.50	0.17	0.20	0.57	0.21	0.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2002, BY WATER YEAR (WY)

MEAN	348.6	691.7	1646	2166	2185	1910	1646	1519	655.4	506.5	325.7	320.7
MAX	4004	6825	10130	8564	6889	5213	7835	17090	4325	9050	4792	3251
(WY)	1985	1958	1983	2002	1966	1973	1923	1953	1950	1989	1940	1979
MIN	33.1	33.5	55.8	54.9	50.1	159	147	80.5	37.9	37.7	29.6	26.2
(WY)	1957	2000	1955	2000	2000	2000	1981	1963	1998	1998	2000	2000

08013500 CALCASIEU RIVER NEAR OBERLIN, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1923 - 2002	
ANNUAL TOTAL	523283		440764			
ANNUAL MEAN	1434		1208		1139	
HIGHEST ANNUAL MEAN					2409	1983
LOWEST ANNUAL MEAN					180	2000
HIGHEST DAILY MEAN	17300	Dec 3	17300	Dec 3	67600	May 20 1953
LOWEST DAILY MEAN	58	Jun 5	48	Sep 15	18	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	62	Aug 24	50	Sep 13	20	Sep 1 2000
MAXIMUM PEAK FLOW			18200	Dec 2	72800	May 19 1953
MAXIMUM PEAK STAGE			19.13	Dec 2	26.53	May 19 1953
INSTANTANEOUS LOW FLOW			47	Sep 15	18	Sep 6 2000
ANNUAL RUNOFF (AC-FT)	1038000		874300		824800	
ANNUAL RUNOFF (CFSM)	1.90		1.60		1.51	
ANNUAL RUNOFF (INCHES)	25.85		21.77		20.54	
10 PERCENT EXCEEDS	3800		3700		3020	
50 PERCENT EXCEEDS	486		245		323	
90 PERCENT EXCEEDS	84		76		59	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.33	2.74	17.51	---	---	---	---	---	---	---	3.94	1.89
2	3.63	2.63	18.76	---	---	---	---	---	---	---	3.24	1.85
3	3.13	2.54	18.94	---	---	---	---	---	---	---	2.91	1.84
4	2.87	2.46	18.33	---	---	---	---	---	---	---	2.70	1.83
5	2.71	2.40	17.57	---	---	---	---	---	---	---	2.53	1.82
6	2.63	2.36	16.62	---	---	---	---	---	---	---	2.41	1.81
7	2.56	2.32	---	---	---	---	---	---	---	---	2.32	1.79
8	2.48	2.29	---	---	---	---	---	---	---	---	2.25	1.77
9	2.40	2.25	---	---	---	---	---	---	---	---	2.18	1.76
10	2.35	2.22	---	---	---	---	---	---	---	1.97	2.11	1.75
11	2.38	2.19	---	---	---	---	---	---	---	1.99	2.06	1.74
12	2.60	2.17	---	---	---	---	---	---	3.36	1.99	2.04	1.72
13	3.29	2.14	---	---	---	---	---	---	2.96	2.02	2.20	1.70
14	6.94	2.13	---	---	---	---	---	2.29	2.52	2.01	2.23	1.69
15	12.29	2.11	---	---	---	---	---	2.25	2.32	1.97	2.40	1.68
16	15.59	2.09	---	---	---	---	---	2.23	2.27	1.97	3.57	1.69
17	14.73	2.07	---	---	---	---	---	2.22	2.27	2.05	3.94	1.73
18	12.43	2.05	---	---	---	---	---	2.22	2.20	2.16	3.30	1.71
19	12.37	2.04	---	---	---	---	---	2.20	2.13	2.10	2.79	1.70
20	14.60	2.02	---	---	---	---	---	2.17	2.09	2.02	2.64	3.08
21	14.39	2.00	---	---	---	---	---	2.14	2.05	1.99	2.61	4.21
22	12.99	1.99	---	---	---	---	---	2.12	2.02	1.93	2.45	4.84
23	11.48	1.97	---	---	---	---	---	2.11	1.99	1.91	2.34	5.33
24	10.11	1.97	---	---	---	---	---	2.08	1.97	1.94	2.21	5.14
25	8.41	1.95	---	---	---	---	---	2.08	1.95	2.10	2.14	4.57
26	6.12	1.93	---	---	---	---	---	---	1.95	4.83	2.08	4.30
27	4.46	2.77	---	---	---	---	---	---	2.48	8.65	2.04	3.87
28	3.65	8.86	---	---	---	---	---	---	---	10.14	2.01	3.29
29	3.25	13.92	---	---	---	---	---	2.39	---	8.34	2.00	2.90
30	3.02	16.80	---	---	---	---	---	2.25	---	6.38	1.97	2.66
31	2.87	---	---	---	---	---	---	2.20	---	5.12	1.93	---
MAX	15.59	16.80	---	---	---	---	---	---	---	---	3.94	5.33
MIN	2.35	1.93	---	---	---	---	---	---	---	---	1.93	1.68

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA

LOCATION.--Lat 30°41'55", long 92°53'35", in NE ¼ NE ¼ sec. 20, T. 4 S., R. 5 W., Allen Parish, Hydrologic Unit 08080204, near left bank on downstream side of bridge on State Highway 26, 1.0 mi downstream from Tenmile Creek, 8.0 mi upstream from Bundick Creek, and 10 mi northwest of Oberlin.

DRAINAGE AREA.--510 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WDR LA-84-1: 1983(M).

GAGE.--Water-stage recorder. Datum of gage is 46.24 ft above NGVD of 1929. Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

PEAK DISCHARGES 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)
Oct 15	0330	18,700	21.38	Dec 18	0700	3,400	12.39
Nov 30	0830	*37,900	*24.75				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	361	18800	670	724	527	921	258	197	324	343	204
2	237	349	9030	613	1180	2190	1020	252	215	251	302	199
3	227	337	6340	581	1080	2480	762	247	215	219	279	196
4	221	330	3380	554	726	2290	564	238	197	203	259	193
5	218	323	1480	542	599	2110	480	234	189	192	242	193
6	220	315	1090	582	1120	1310	427	231	186	187	230	190
7	215	305	928	811	1850	805	395	228	183	180	223	189
8	212	297	834	901	1860	690	693	226	183	175	215	189
9	220	290	760	704	1490	622	2610	224	188	170	213	188
10	218	286	743	607	942	568	2930	220	190	166	208	188
11	217	284	756	564	730	535	2790	217	219	165	205	189
12	279	282	665	539	659	496	2800	214	276	162	205	189
13	2330	282	668	523	595	462	1740	212	304	183	206	186
14	11400	281	1720	508	538	464	856	208	246	178	215	181
15	16900	278	2420	487	501	462	675	206	207	224	372	178
16	10100	274	2590	464	469	438	589	205	193	217	1350	177
17	6980	271	3020	446	444	424	528	209	189	213	1250	176
18	3400	268	3310	434	429	420	480	209	178	242	887	178
19	1200	265	2680	475	416	424	443	208	174	260	504	187
20	859	259	2090	552	535	400	410	207	172	227	372	1370
21	726	254	1380	580	848	378	382	213	172	196	322	1620
22	644	252	983	576	1210	392	359	208	167	177	286	1520
23	585	251	1390	517	1360	552	338	201	170	166	259	1500
24	536	247	2040	560	1110	449	323	197	170	163	245	1060
25	499	244	1930	1130	802	383	313	195	167	405	282	481
26	469	249	1620	1350	619	827	300	192	181	2020	284	363
27	450	888	1050	1170	533	2080	288	192	367	2040	244	317
28	443	3730	907	771	479	1940	280	189	349	2280	226	294
29	410	13500	877	610	---	1490	271	187	416	1680	219	284
30	389	33900	814	551	---	855	264	194	401	1010	213	271
31	374	---	747	528	---	701	---	197	---	437	209	---
TOTAL	61430	59452	77042	19900	23848	28164	25231	6618	6661	14712	10869	12650
MEAN	1982	1982	2485	641.9	851.7	908.5	841.0	213.5	222.0	474.6	350.6	421.7
MAX	16900	33900	18800	1350	1860	2480	2930	258	416	2280	1350	1620
MIN	212	244	665	434	416	378	264	187	167	162	205	176
AC-FT	121800	117900	152800	39470	47300	55860	50050	13130	13210	29180	21560	25090
CFSM	3.89	3.89	4.87	1.26	1.67	1.78	1.65	0.42	0.44	0.93	0.69	0.83
IN.	4.48	4.34	5.62	1.45	1.74	2.05	1.84	0.48	0.49	1.07	0.79	0.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	415.5	668.5	1101	1238	1290	1190	1058	1057	639.7	485.1	397.3	380.5
MAX	2877	4075	6076	3781	3326	3354	3630	12090	4192	4063	4264	2314
(WY)	1985	1958	1983	1974	1984	1995	1949	1953	1989	1989	1940	1958
MIN	99.1	135	144	162	148	230	228	180	155	126	106	115
(WY)	1957	1955	1955	2000	2000	2000	1963	2001	1970	1970	2000	1954

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	366918		346577			
ANNUAL MEAN	1005		949.5		824.8	
HIGHEST ANNUAL MEAN					1643	1953
LOWEST ANNUAL MEAN					258	2000
HIGHEST DAILY MEAN	33900	Nov 30	33900	Nov 30	108000	May 19 1953
LOWEST DAILY MEAN	158	Jun 3	162	Jul 12	87.1	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	162	May 30	170	Jun 19	90	Oct 14 1956
MAXIMUM PEAK FLOW			37900	Nov 30	144000	May 18 1953
MAXIMUM PEAK STAGE			24.75	Nov 30	32.80	May 18 1953
INSTANTANEOUS LOW FLOW			161	Jul 12	86	Sep 6 2000
ANNUAL RUNOFF (AC-FT)	727800		687400		597500	
ANNUAL RUNOFF (CFSM)	1.97		1.86		1.62	
ANNUAL RUNOFF (INCHES)	26.76		25.28		21.97	
10 PERCENT EXCEEDS	1970		1780		1820	
50 PERCENT EXCEEDS	357		378		368	
90 PERCENT EXCEEDS	186		189		164	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.97	3.63	21.35	4.87	5.05	4.32	5.76	3.19	2.80	3.49	3.51	2.68
2	2.88	3.58	18.41	4.65	6.61	9.51	6.09	3.16	2.94	3.15	3.29	2.64
3	2.82	3.52	16.08	4.53	6.29	10.33	5.20	3.14	2.93	2.97	3.16	2.62
4	2.77	3.49	12.06	4.43	5.07	9.82	4.47	3.10	2.80	2.84	3.05	2.60
5	2.74	3.46	7.53	4.38	4.60	9.33	4.14	3.08	2.74	2.76	2.97	2.59
6	2.76	3.41	6.43	4.54	6.39	7.02	3.93	3.06	2.72	2.73	---	2.58
7	2.72	3.37	5.96	5.37	8.61	5.36	3.78	3.03	2.70	2.68	---	2.57
8	2.69	3.32	5.67	5.69	8.66	4.94	4.85	3.02	2.70	2.65	---	2.57
9	2.76	3.29	5.45	4.99	7.59	4.69	10.63	3.00	2.73	2.61	2.75	2.56
10	2.74	3.27	5.39	4.63	5.83	4.48	11.44	2.97	2.75	2.58	2.71	2.56
11	2.74	3.25	5.43	4.47	5.09	4.35	11.12	2.95	2.96	2.58	2.69	2.57
12	3.13	3.24	5.11	4.37	4.83	4.20	11.14	2.93	3.27	2.55	2.68	2.57
13	9.17	3.24	5.12	4.31	4.59	4.07	8.27	2.91	3.40	2.70	2.70	2.55
14	18.78	3.24	8.24	4.25	4.37	4.08	5.53	2.88	3.12	2.67	2.77	2.52
15	20.97	3.23	10.16	4.17	4.22	4.07	4.89	2.86	2.87	3.00	3.57	2.50
16	18.97	3.21	10.61	4.08	4.10	3.97	4.56	2.85	2.77	2.95	7.14	2.48
17	16.73	3.19	11.61	4.01	4.00	3.91	4.33	2.89	2.74	2.92	6.84	2.48
18	11.95	3.18	12.21	3.95	3.93	3.89	4.14	2.89	2.67	3.11	5.63	2.49
19	6.67	3.16	10.82	4.12	3.88	3.91	4.00	2.88	2.64	3.20	4.23	2.56
20	5.54	3.13	9.30	4.42	4.35	3.81	3.86	2.87	2.63	3.02	3.65	6.96
21	5.08	3.11	7.23	4.53	5.50	3.71	3.74	2.92	2.62	2.79	3.40	7.96
22	4.77	3.10	5.97	4.51	6.71	3.77	3.65	2.88	2.59	2.66	3.20	7.66
23	4.55	3.09	7.25	4.29	7.19	4.42	3.56	2.83	2.61	2.59	3.05	7.62
24	4.36	3.08	9.14	4.45	6.40	4.02	3.49	2.80	2.61	2.56	2.99	6.21
25	4.21	3.06	8.85	6.45	5.34	3.73	3.45	2.78	2.59	3.64	3.18	4.13
26	4.10	3.09	7.96	7.16	4.68	5.30	3.38	2.76	2.69	9.09	3.19	3.61
27	4.02	5.36	6.19	6.58	4.35	9.26	3.33	2.76	3.67	9.15	2.97	3.38
28	3.99	12.83	5.72	5.23	4.14	8.89	3.29	2.74	3.60	9.81	2.86	3.24
29	3.85	18.92	5.61	4.64	---	7.57	3.24	2.73	3.88	8.14	2.80	3.18
30	3.75	24.18	5.39	4.42	---	5.53	3.21	2.77	3.82	6.03	2.75	3.12
31	3.69	---	5.15	4.33	---	4.98	---	2.80	---	3.95	2.72	---
MAX	20.97	24.18	21.35	7.16	8.66	10.33	11.44	3.19	3.88	9.81	---	7.96
MIN	2.69	3.06	5.11	3.95	3.88	3.71	3.21	2.73	2.59	2.55	---	2.48

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1949, 1955-57, 1966-69, 1998 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1999 to September 2001.
WATER TEMPERATURE: August 1999 to September 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 73 microsiemens/cm, Feb. 27, 2001; minimum daily, 14 micorsiemens/cm, Nov. 25, 2000.
WATER TEMPERATURE: Maximum daily, 29.8°C, Aug. 30, 2000; minimum daily, 6.1°C, Jan. 4, 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT													
24...	0815	4.38	7.7	85	6.8	47	25.5	19.7	10	13	4.93	2.1	<.04
DEC													
11...	1045	5.51	9.1	88	6.6	40	13.0	14.2	8	10	4.82	1.8	<.04
FEB													
11...	1345	5.05	10.3	94	6.7	38	13.0	12.0	8	9	4.52	2.5	<.04
MAR													
18...	1045	3.91	8.5	94	7.0	47	26.5	20.4	11	13	5.18	1.7	<.04
APR													
17...	1230	4.31	--	--	7.1	44	--	29.0	11	13	4.61	1.8	E.02
JUN													
25...	1330	2.59	8.7	103	7.5	59	26.5	24.3	16	19	6.00	2.5	<.04
AUG													
27...	0900	2.99	7.4	90	7.1	56	27.0	24.9	13	16	5.05	3.5	<.04

Date	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT							
24...	.22	.08	<.02	.032	542	26	38.0
DEC							
11...	.34	E.04	<.02	.038	768	30	62.2
FEB							
11...	.30	.08	<.02	.030	728	38	74.7
MAR							
18...	.23	.08	<.02	.033	417	18	20.3
APR							
17...	.30	.08	<.02	.042	528	29	41.3
JUN							
25...	.33	.07	E.01	.043	167	27	12.2
AUG							
27...	.24	.06	E.01	.047	246	24	15.9

E Estimated value.
< Actual value is known to be less than the value shown.

08015500 CALCASIEU RIVER NEAR KINDER, LA

LOCATION.--Lat 30°30'10", long 92°54'55", in NW ¼ SE ¼ sec. 30, T. 6 S., R. 5 W., Allen Parish, Hydrologic Unit 08080203, near center of span on downstream side of bridge on U.S. Highway 190, 0.5 mi downstream from Whisky Chitto Creek, and 4.0 mi west of Kinder.

DRAINAGE AREA.--1,700 mi^2.

PERIOD OF RECORD.--August 1922 to January 1925, October 1938 to September 1957, October 1957 to September 1961 (annual maximums) from National Weather Service, October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 11.95 ft above NGVD of 1929. August 1922 to January 1925, water-stage recorder 400 ft downstream at datum 1.77 ft higher. October 1938 to July 9, 1939, nonrecording gage at present site and datum.

REMARKS.--Records good. Prior to November, 1981, paper mill at Elizabeth pumped about 11 ft^3/s from wells which was later discharged into Mill Creek 36 mi above station. Water is diverted during period April to September at points just above station and 5.0 mi above station for the irrigation of about 7,500 acres of rice, part of which is below station. The maximum rate of withdrawal is about 100 ft^3/s and this diversion results in marked regulation of the low-water flow.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1050	939	63900	3190	2120	3020	2800	814	515	1040	1370	390
2	890	892	47600	2900	2560	5600	2930	784	494	825	975	374
3	712	853	35100	2660	2900	7280	2980	749	521	649	789	360
4	589	820	29200	2290	2790	8050	2760	723	498	559	677	353
5	532	790	22300	1970	2360	7730	2520	699	479	510	598	327
6	737	764	15000	1850	2580	6720	2360	686	481	491	540	306
7	622	737	10700	1910	4300	4890	2230	662	473	462	503	311
8	530	714	8240	2110	4720	3710	2780	638	455	451	468	308
9	480	692	6610	2040	4770	3390	5660	633	458	426	446	311
10	465	673	5300	1820	4120	3350	7030	615	481	405	428	312
11	543	656	4310	1690	3160	3320	8060	596	550	382	398	312
12	1250	642	3410	1680	2690	3390	8170	582	729	381	399	314
13	2100	627	3410	1690	2560	3050	7640	575	828	400	398	305
14	7040	614	4230	1650	2520	2390	5890	569	716	438	428	295
15	20700	603	5090	1580	2510	1930	4290	557	571	449	586	285
16	29400	592	5470	1480	2500	1680	4070	541	496	530	1480	277
17	25200	580	5940	1370	2330	1540	4370	529	478	591	2210	296
18	18500	570	7040	1270	1950	1440	4450	548	441	570	2020	293
19	12000	561	8190	1320	1600	1390	4050	557	416	601	1470	292
20	7010	551	9680	2020	2080	1360	3200	549	391	581	1040	1330
21	5960	548	13600	2130	2860	1360	2140	540	390	509	870	3170
22	5910	537	11600	1880	2960	1430	1560	519	388	465	742	2890
23	5400	528	8910	1780	3130	1590	1300	509	392	420	651	2640
24	4550	529	8090	1800	3170	1830	1170	485	395	418	577	2550
25	3610	516	7870	2940	2820	1860	1080	473	404	550	538	1910
26	2580	513	7500	3900	2520	2100	1030	466	389	1360	569	1340
27	1740	778	6630	4030	2490	3610	974	491	890	2990	534	1120
28	1340	4200	5350	3940	2640	4490	925	509	1340	3850	481	910
29	1180	11200	4550	3460	---	4970	891	547	1110	4260	450	734
30	1070	45200	4100	2630	---	4510	856	513	1110	3380	426	634
31	995	---	3600	2150	---	3290	---	512	---	2180	406	---
TOTAL	164685	78419	382520	69130	79710	106270	100166	18170	17279	31123	23467	25249
MEAN	5312	2614	12340	2230	2847	3428	3339	586.1	576.0	1004	757.0	841.6
MAX	29400	45200	63900	4030	4770	8050	8170	814	1340	4260	2210	3170
MIN	465	513	3410	1270	1600	1360	856	466	388	381	398	277
AC-FT	326700	155500	758700	137100	158100	210800	198700	36040	34270	61730	46550	50080

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2002, BY WATER YEAR (WY)

MEAN	1042	1624	3726	4354	4487	4089	3632	3453	1872	1433	1005	921.8
MAX	9258	9475	20030	12880	11760	11880	14730	36390	9601	20130	12370	7285
(WY)	1985	1986	1983	1998	1950	1995	1923	1953	1950	1989	1940	1979
MIN	188	245	308	300	276	494	472	378	289	265	209	224
(WY)	2001	2000	1955	1981	2000	2000	1981	1963	1948	1956	2000	2000

08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1923 - 2002	
ANNUAL TOTAL	1223476		1096188			
ANNUAL MEAN	3352		3003		2634	
HIGHEST ANNUAL MEAN					4979	1983
LOWEST ANNUAL MEAN					629	2000
HIGHEST DAILY MEAN	63900	Dec 1	63900	Dec 1	166000	May 20 1953
LOWEST DAILY MEAN	288	Aug 26	277	Sep 16	140	Aug 15 1956
ANNUAL SEVEN-DAY MINIMUM	326	Aug 21	292	Sep 13	159	Sep 4 2000
MAXIMUM PEAK FLOW			66300	Dec 1	182000	May 19 1953
MAXIMUM PEAK STAGE			23.22	Dec 1	32.00	May 19 1953
INSTANTANEOUS LOW FLOW			260	Sep 16	136	Aug 15 1956
ANNUAL RUNOFF (AC-FT)	2427000		2174000		1908000	
10 PERCENT EXCEEDS	7020		6220		6100	
50 PERCENT EXCEEDS	1250		1250		1040	
90 PERCENT EXCEEDS	425		419		329	

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.53	4.01	22.99	9.71	7.50	9.38	8.73	3.51	2.59	4.20	5.17	2.19
2	4.07	3.87	21.45	9.16	8.47	12.15	8.98	3.42	2.52	3.54	4.00	2.14
3	3.56	3.75	20.07	8.69	9.15	14.20	9.08	3.31	2.60	3.00	3.43	2.09
4	3.20	3.66	19.31	7.90	8.94	14.66	8.64	3.23	2.53	2.73	3.09	2.07
5	3.02	3.57	18.27	7.13	8.06	14.48	8.14	3.16	2.47	2.57	2.85	1.99
6	3.63	3.49	16.87	6.83	8.50	13.82	7.78	3.12	2.48	2.51	2.67	1.92
7	3.30	3.40	15.72	6.97	10.99	12.01	7.45	3.05	2.45	2.42	2.55	1.93
8	3.01	3.33	14.75	7.47	11.94	10.41	8.62	2.97	2.40	2.39	2.44	1.93
9	2.86	3.27	13.76	7.30	12.01	9.88	12.21	2.96	2.41	2.30	2.37	1.93
10	2.81	3.21	12.64	6.74	11.15	9.80	14.04	2.90	2.48	2.24	2.31	1.94
11	3.04	3.16	11.55	6.42	9.63	9.75	14.67	2.84	2.70	2.16	2.22	1.94
12	5.05	3.11	10.25	6.39	8.75	9.89	14.72	2.80	3.25	2.16	2.22	1.95
13	7.02	3.07	10.22	6.43	8.49	9.22	14.43	2.78	3.55	2.22	2.22	1.92
14	12.89	3.03	11.44	6.32	8.40	7.82	13.08	2.76	3.21	2.34	2.31	1.88
15	17.50	2.99	12.45	6.13	8.38	6.71	11.26	2.72	2.76	2.38	2.80	1.85
16	19.34	2.96	12.83	5.85	8.36	6.07	10.96	2.67	2.53	2.64	5.44	1.83
17	18.73	2.92	13.24	5.55	8.00	5.70	11.37	2.63	2.47	2.83	7.39	1.89
18	17.61	2.89	14.07	5.30	7.08	5.44	11.48	2.69	2.35	2.76	6.91	1.88
19	16.08	2.86	14.74	5.43	6.16	5.30	10.92	2.72	2.27	2.86	5.45	1.88
20	13.99	2.83	15.36	7.23	7.37	5.22	9.50	2.70	2.19	2.79	4.19	4.92
21	13.19	2.82	16.57	7.52	9.08	5.21	7.21	2.67	2.19	2.57	3.68	9.46
22	13.15	2.79	16.01	6.90	9.27	5.40	5.68	2.60	2.19	2.43	3.29	8.91
23	12.63	2.76	15.06	6.64	9.59	5.85	4.96	2.57	2.20	2.29	3.01	8.39
24	11.60	2.76	14.68	6.69	9.67	6.47	4.59	2.49	2.21	2.28	2.78	8.21
25	10.22	2.72	14.56	8.88	9.00	6.54	4.33	2.46	2.24	2.70	2.66	6.66
26	8.23	2.71	14.35	10.85	8.41	7.15	4.17	2.43	2.19	5.06	2.76	5.18
27	6.22	3.51	13.77	11.04	8.36	9.68	4.00	2.51	3.72	9.08	2.65	4.55
28	5.18	9.80	12.62	10.90	8.64	11.54	3.85	2.57	5.07	10.62	2.48	3.92
29	4.71	14.71	11.72	10.16	---	12.15	3.75	2.69	4.41	11.22	2.38	3.40
30	4.40	20.61	11.13	8.61	---	11.56	3.63	2.58	4.43	9.83	2.31	3.09
31	4.18	---	10.40	7.57	---	9.66	---	2.58	---	7.30	2.24	---
MAX	19.34	20.61	22.99	11.04	12.01	14.66	14.72	3.51	5.07	11.22	7.39	9.46
MIN	2.81	2.71	10.22	5.30	6.16	5.21	3.63	2.43	2.19	2.16	2.22	1.83

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES

LOCATION.--Lat 30°14'13", long 93°14'50", T. 9 S., R. 9 W., sec. 36, Calcasieu Parish, Hydrologic Unit 08080206, on right downstream side of bridge pier below I-10 in Lake Charles.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.70 ft, Oct. 13, 2001; minimum, -1.76 ft, Dec. 28, 30, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.70 ft, Oct. 13; minimum, -1.73 ft, Jan. 7.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.75	0.88	1.35	2.00	1.00	1.53	2.50	1.20	1.81	1.43	-0.50	0.54
2	1.77	0.83	1.25	2.00	0.60	1.45	2.60	1.50	2.12	1.07	-0.51	0.47
3	1.80	0.71	1.24	2.10	0.70	1.56	2.60	1.50	2.07	0.86	-1.22	-0.09
4	1.94	0.97	1.44	1.90	0.40	1.29	2.40	1.40	1.96	1.04	-0.52	0.30
5	1.99	0.99	1.57	1.90	0.30	1.19	2.40	1.30	1.92	1.50	0.74	1.09
6	1.81	-0.09	0.79	---	---	---	2.20	1.00	1.60	1.20	-1.43	-0.46
7	1.74	0.56	1.21	---	---	---	2.00	0.70	1.32	-0.23	-1.73	-0.89
8	1.93	0.87	1.51	---	---	---	1.70	0.10	0.97	0.63	-0.98	0.07
9	2.47	1.20	2.01	---	---	---	0.80	0.0	0.38	0.77	-0.63	0.24
10	2.70	1.60	2.26	---	---	---	1.10	0.30	0.78	0.98	-0.57	0.36
11	3.20	1.70	2.67	---	---	---	1.80	0.20	0.94	0.93	-0.64	0.39
12	2.70	1.70	2.17	---	---	---	2.10	1.00	1.63	1.14	-0.88	0.33
13	3.70	1.70	2.62	---	---	---	---	---	---	1.33	-0.75	0.40
14	2.20	1.00	1.61	---	---	---	---	---	---	1.54	-0.35	0.86
15	2.80	1.20	2.14	2.10	0.70	1.51	---	---	---	1.25	-0.92	0.42
16	2.30	1.10	1.81	2.00	0.50	1.38	---	---	---	1.52	0.30	1.00
17	2.60	1.30	1.86	1.50	-0.10	0.77	---	---	---	1.30	0.20	0.81
18	2.50	1.40	1.98	1.20	-0.30	0.55	1.53	-0.22	0.60	1.30	0.0	0.56
19	2.50	1.20	1.89	1.20	-0.20	0.64	1.59	-0.06	0.85	1.20	-0.20	0.53
20	2.20	1.00	1.69	0.90	-0.90	-0.06	1.25	0.03	0.52	1.60	0.0	0.65
21	2.30	1.10	1.81	1.10	0.0	0.56	1.43	0.51	1.01	1.60	0.40	0.80
22	2.20	1.00	1.66	1.60	0.70	1.13	1.81	1.32	1.52	1.40	0.30	0.96
23	2.30	1.10	1.81	1.90	1.00	1.51	2.00	0.58	1.12	---	---	---
24	2.30	1.30	1.93	2.10	0.50	1.31	1.36	0.18	0.85	---	---	---
25	1.90	0.70	1.37	1.50	0.40	0.89	1.46	0.48	1.04	---	---	---
26	1.80	0.70	1.50	1.80	1.10	1.49	1.30	-0.22	0.51	---	---	---
27	1.80	0.80	1.46	1.90	0.80	1.41	1.17	-0.87	0.16	---	---	---
28	1.70	0.80	1.32	2.00	1.30	1.67	1.76	0.04	1.06	---	---	---
29	1.70	0.90	1.23	1.70	0.70	1.28	1.74	-0.01	1.13	1.70	0.29	1.19
30	1.80	0.60	1.25	2.10	0.60	1.26	1.53	-0.37	0.72	1.85	0.72	1.36
31	2.00	1.00	1.55	---	---	---	1.51	-0.35	0.72	1.87	0.87	1.43
MONTH	3.70	-0.09	1.68	---	---	---	---	---	---	---	---	---

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.16	-1.00	-0.16	2.41	1.19	1.96	1.64	-0.11	0.97	2.61	0.80	1.78
2	1.24	-0.71	0.30	3.05	1.12	2.29	2.02	0.45	1.39	2.44	0.98	1.69
3	1.24	0.45	0.81	1.12	-0.86	0.06	1.39	0.44	0.90	2.15	0.70	1.51
4	0.86	-0.25	0.45	1.30	-0.63	0.58	1.23	-0.37	0.56	1.93	0.65	1.38
5	1.51	0.07	0.82	1.44	-0.12	0.79	1.44	-0.15	0.74	1.95	0.57	1.30
6	1.58	0.35	1.01	1.78	0.31	1.12	1.82	0.12	0.99	2.23	1.28	1.74
7	0.81	-0.75	0.13	1.82	0.34	1.17	2.47	1.16	1.85	2.31	1.43	1.93
8	1.34	-0.29	0.59	2.16	0.81	1.57	2.55	1.72	2.13	2.78	1.52	2.39
9	1.62	0.44	1.15	2.09	0.44	1.19	2.30	1.59	2.01	2.73	1.14	2.15
10	1.40	-0.56	0.44	1.27	-0.71	0.32	2.07	1.24	1.66	2.18	1.02	1.62
11	0.71	-1.07	-0.14	2.08	0.80	1.43	2.18	1.54	1.85	2.63	0.96	2.00
12	1.21	-0.10	0.66	1.99	0.40	1.17	2.08	1.39	1.70	2.75	1.31	2.20
13	1.07	-0.15	0.63	1.37	0.19	0.78	1.97	1.09	1.56	2.14	0.42	1.38
14	1.19	-0.20	0.47	1.72	0.87	1.33	2.06	0.97	1.61	2.01	-0.42	0.97
15	1.38	0.52	1.04	1.95	1.28	1.61	2.12	0.93	1.63	2.42	0.67	1.73
16	1.25	-0.05	0.37	1.70	1.00	1.39	2.32	1.13	1.75	2.38	0.93	1.79
17	1.02	0.02	0.50	1.79	0.82	1.40	2.12	0.73	1.53	2.40	0.76	1.49
18	1.77	0.23	1.05	1.90	0.77	1.46	2.04	0.56	1.41	0.96	-0.08	0.43
19	2.40	0.97	1.66	2.21	0.82	1.69	2.12	0.62	1.47	1.47	-0.63	0.58
20	2.28	1.01	1.42	2.21	0.86	1.56	2.14	0.70	1.49	1.75	0.28	1.12
21	1.77	0.48	1.26	0.98	-0.45	0.44	2.32	0.99	1.67	1.97	0.60	1.32
22	1.40	-0.02	0.79	1.32	-0.77	0.43	1.74	0.54	1.23	2.06	0.81	1.40
23	1.68	0.02	0.96	1.82	-0.04	1.03	1.94	0.62	1.29	2.18	0.84	1.69
24	1.75	0.26	1.10	2.03	0.57	1.43	2.02	1.01	1.50	2.30	0.81	1.68
25	2.05	0.63	1.44	1.96	0.66	1.46	1.93	0.54	1.22	2.02	0.66	1.51
26	1.38	-0.95	0.19	1.63	0.10	0.90	1.88	0.37	1.35	2.00	0.48	1.46
27	0.54	-1.66	-0.50	1.58	0.13	0.91	2.64	0.65	1.97	2.08	0.34	1.56
28	1.60	0.25	0.92	1.80	0.84	1.36	2.51	1.03	1.81	2.32	0.52	1.63
29	---	---	---	1.91	0.89	1.38	2.07	0.47	1.47	2.19	0.63	1.55
30	---	---	---	1.94	0.74	1.43	2.33	0.59	1.63	2.26	0.49	1.54
31	---	---	---	2.00	0.67	1.33	---	---	---	2.28	0.56	1.54
MONTH	2.40	-1.66	0.69	3.05	-0.86	1.19	2.64	-0.37	1.48	2.78	-0.63	1.55

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.09	0.67	1.49	---	---	---	1.39	0.47	1.09	1.91	0.73	1.41
2	2.07	0.88	1.53	1.70	0.90	1.26	1.46	0.31	1.02	1.99	0.75	1.58
3	2.25	1.03	1.64	1.60	0.60	1.22	1.39	0.33	1.12	2.40	0.75	1.92
4	1.98	1.07	1.58	1.50	0.30	1.14	1.77	0.33	1.29	2.36	1.00	1.93
5	2.27	1.07	1.67	---	---	---	1.89	0.38	1.39	2.63	1.04	2.01
6	1.83	0.86	1.54	---	---	---	1.69	0.06	1.08	3.11	1.46	2.50
7	1.90	0.66	1.40	---	---	---	1.92	-0.15	1.11	3.14	1.80	2.55
8	2.00	0.53	1.51	---	---	---	2.04	0.24	1.32	3.07	2.02	2.65
9	2.11	0.53	1.52	---	---	---	2.29	0.29	1.37	2.92	2.06	2.46
10	2.38	0.41	1.72	1.78	0.29	1.28	2.47	0.74	1.80	2.84	1.72	2.21
11	2.59	0.89	1.89	1.69	0.14	1.17	2.57	1.29	2.04	2.69	1.23	1.93
12	2.26	0.71	1.69	2.02	0.17	1.29	2.55	1.48	2.06	2.30	0.75	1.57
13	2.12	0.67	1.54	1.91	0.24	1.14	2.33	1.54	1.88	2.12	0.85	1.57
14	1.79	0.36	1.19	1.66	0.09	1.00	2.28	1.58	1.91	2.39	1.13	1.92
15	1.70	-0.13	1.07	1.71	0.50	0.97	3.31	1.78	2.33	2.29	0.47	1.55
16	2.09	0.73	1.35	1.91	0.55	1.06	2.44	1.34	2.06	2.01	0.52	1.49
17	1.57	0.38	0.96	1.82	0.52	1.20	2.43	1.14	1.95	1.93	0.67	1.50
18	1.80	0.50	1.05	1.50	0.17	1.05	2.34	1.06	1.87	2.06	0.77	1.61
19	2.00	0.80	1.44	1.55	0.02	1.00	2.23	0.99	1.75	2.30	1.08	1.94
20	1.80	0.40	1.24	1.56	-0.07	1.02	2.19	0.91	1.69	2.37	1.20	1.88
21	1.70	0.30	1.21	1.51	-0.07	0.96	2.12	0.86	1.65	2.18	1.15	1.62
22	1.80	0.30	1.38	1.52	0.0	1.02	2.09	0.78	1.58	1.97	1.25	1.62
23	2.00	0.50	1.50	1.57	-0.10	0.97	1.91	0.77	1.51	2.24	1.23	1.73
24	2.10	0.50	1.42	1.71	-0.08	1.04	1.92	0.80	1.48	2.35	1.53	1.81
25	2.20	0.40	1.47	1.56	0.12	1.02	1.77	0.84	1.38	2.40	1.18	1.88
26	2.20	0.50	1.52	1.58	0.36	1.11	1.67	0.75	1.20	1.85	0.41	1.09
27	2.60	0.80	1.87	1.72	0.39	1.24	1.57	0.73	1.07	2.08	1.05	1.68
28	2.30	1.20	1.73	1.65	0.64	1.29	1.55	0.68	1.17	2.31	1.28	1.91
29	2.30	1.00	1.70	1.73	0.75	1.29	1.60	0.63	1.13	2.34	0.79	1.67
30	2.10	1.20	1.60	1.71	0.85	1.22	1.64	0.67	1.25	2.04	0.79	1.56
31	---	---	---	1.54	0.78	1.16	1.84	0.66	1.35	---	---	---
MONTH	2.60	-0.13	1.48	---	---	---	3.31	-0.15	1.51	3.14	0.41	1.82

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1998 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1998 to current year.
WATER TEMPERATURE: December 1998 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 41,400 microsiemens/cm, Sept. 12, 2000; minimum, 27 microsiemens/cm, Dec. 6, 7, 2001.
WATER TEMPERATURE: Maximum, 34.0°C, July 24, 2001; minimum, 6.7°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 24,500 microsiemens/cm, Sept. 9; minimum, 27 microsiemens/cm, Dec. 6, 7.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 4; minimum, 7.2°C, Jan. 8.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11900	6230	8160	4910	2870	3670	218	71	143	2430	1450	1990
2	10800	5930	7930	6590	2910	3810	135	57	100	5550	1550	2480
3	8850	5670	6720	7400	3380	4620	77	40	64	3930	2190	2870
4	8660	5340	6480	7870	4380	5290	47	29	41	3630	1680	2530
5	11800	4620	7010	10700	4870	6610	40	28	34	5790	2770	3680
6	9510	5520	6940	---	---	---	38	27	32	5770	2510	4130
7	10700	5480	8120	---	---	---	39	27	33	5320	3520	4630
8	11600	6430	9160	---	---	---	41	29	35	7760	2460	4350
9	10700	8020	9540	---	---	---	41	30	37	5020	2630	3470
10	14700	8310	12400	---	---	---	43	33	39	4440	2800	3240
11	19800	9490	15100	---	---	---	59	34	41	4120	2040	2970
12	14100	7220	11000	---	---	---	574	49	287	4840	2260	3520
13	15000	5510	9010	---	---	---	---	---	---	6960	3480	4310
14	5510	689	2170	---	---	---	---	---	---	4430	2440	3630
15	1300	176	480	15900	8410	10900	---	---	---	6840	2940	5130
16	336	64	165	21600	9100	13700	---	---	---	7950	2980	5620
17	109	52	79	22400	9280	12400	---	---	---	5770	2760	3740
18	88	43	67	15200	10100	12300	253	135	191	7060	2720	4020
19	85	36	59	19600	11000	13500	516	92	256	6840	3030	4630
20	78	38	58	16900	13100	14900	233	88	169	5620	2270	3520
21	78	42	61	17700	11800	15100	894	151	456	4010	2010	2780
22	195	49	92	18000	14000	15100	1490	358	670	3360	1860	2400
23	182	89	118	19700	12700	16500	1300	246	596	---	---	---
24	1020	97	261	19900	10500	15400	365	70	171	---	---	---
25	303	139	206	15800	9010	11900	323	86	177	---	---	---
26	573	178	386	19800	12000	14900	790	199	495	---	---	---
27	1520	573	777	18700	9180	13600	497	119	349	---	---	---
28	1950	567	1230	12700	5760	9170	846	108	488	---	---	---
29	3950	1380	2560	5760	1050	2920	1190	397	676	4700	2260	3170
30	5630	2390	3820	1080	107	404	1510	532	931	3810	2110	3030
31	5040	2690	3750	---	---	---	2080	835	1470	3700	1590	2530
MONTH	19800	36	4320	---	---	---	---	---	---	---	---	---

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2530	1360	1940	7020	2710	4130	2760	2200	2410	2360	1660	1960
2	3190	1620	2170	7460	2650	4790	4220	2160	2890	2150	1700	1970
3	3610	1880	2520	2650	405	1180	5430	2730	4170	1870	1320	1640
4	5410	2530	3540	705	257	444	5480	3500	4520	1820	1090	1350
5	7000	2820	4530	808	307	584	9380	4240	6150	2630	1030	1530
6	9410	3290	5210	971	406	614	9380	5270	7460	2170	1410	1870
7	4050	1910	2710	1190	471	816	8310	5270	6560	2560	1900	2330
8	4360	2410	3340	1380	498	938	8590	2860	5780	3080	2370	2750
9	4620	2560	3360	1340	453	720	3440	1250	2390	3200	2540	2990
10	4690	1980	3240	1560	772	1020	1260	315	641	2650	1400	2320
11	3030	1680	2150	2440	1170	1770	620	231	404	3080	1260	2240
12	4150	1580	2740	3370	1610	2450	542	170	306	3460	2280	2930
13	2640	1930	2290	2450	1370	1780	352	157	239	3300	2060	2620
14	3380	2380	2820	2900	1550	2280	254	138	196	2560	1820	2120
15	5220	2790	3780	2800	1700	2120	420	120	205	3240	2170	2680
16	11100	3290	6140	2720	1560	2070	586	124	309	3780	2680	3200
17	9160	3410	6080	2770	1710	2470	435	118	234	4460	3050	3770
18	7680	3520	6510	2870	2060	2520	413	89	203	4170	2520	3090
19	9190	7100	8120	3650	1540	2440	302	87	183	5960	2760	4360
20	9190	3980	6340	3500	2050	2740	450	80	227	8980	4580	5860
21	4220	3130	3710	2700	1880	2140	454	87	243	10500	5510	6980
22	3180	2530	2820	4240	2170	3170	305	71	145	8640	6010	7110
23	4610	2170	3180	6120	3490	4470	251	72	115	8140	6060	6870
24	4950	2390	3580	4830	3430	4280	320	194	249	8220	7010	7490
25	4270	2460	3430	4860	2540	3960	291	182	239	10300	5740	8070
26	3620	2410	3050	4590	2590	3720	538	266	395	11800	5740	9120
27	3130	2440	2800	6200	4060	5460	2520	437	1080	12800	6690	10100
28	4070	2700	3320	8690	5210	6750	2110	1460	1790	11200	8320	9910
29	---	---	---	7760	4120	6260	1920	1460	1680	12400	8080	9940
30	---	---	---	6300	3860	5290	2250	1330	1700	10700	7310	9200
31	---	---	---	5040	2550	3900	---	---	---	11000	6600	8630
MONTH	11100	1360	3760	8690	257	2820	9380	71	1770	12800	1030	4740

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10100	8010	9090	---	---	---	2700	1600	2180	10500	5730	7930
2	12300	6930	8590	2280	1430	2050	3130	1470	2540	14000	7390	10100
3	12000	7460	8870	2530	1550	2200	3980	2650	3310	16000	8170	11800
4	9520	7940	9010	2200	900	1580	4110	2660	3460	19500	9620	14500
5	9940	7190	8490	---	---	---	8040	3710	5870	21200	12100	17800
6	13700	7450	9880	---	---	---	11100	5340	7840	23600	17600	20500
7	13000	6530	9520	---	---	---	11400	7080	9550	19900	17300	18500
8	11600	7430	10400	---	---	---	15900	8980	12000	24300	16800	19400
9	11500	6160	9820	---	---	---	13400	9530	11600	24500	15600	19600
10	11300	6160	9170	7040	3540	5470	19300	9580	13100	23000	14100	17800
11	11700	6740	9600	8350	3630	6230	18900	11000	14800	22100	12300	17300
12	11100	7700	9780	9340	3350	6430	19000	11900	15200	19900	11500	15700
13	11000	7600	9510	8960	3960	6540	16200	10200	13100	17800	13300	16100
14	10600	6820	9220	6610	3180	4440	13600	10100	12400	21300	15100	17900
15	11100	6200	8170	8120	2960	4610	16600	8780	13100	19600	11900	16200
16	10400	7270	8350	6410	2660	4080	8860	4910	6700	17100	12700	15400
17	12500	7390	9480	5810	2400	4400	5280	2420	4040	16800	13600	15500
18	13700	8490	9940	5140	2990	4280	2890	1790	2190	17000	14700	16100
19	13500	9180	10700	4770	2520	3730	2750	1120	1880	18000	15900	16700
20	15000	9270	10500	4940	2410	3740	3100	1090	1820	17700	11300	15200
21	15700	9550	11900	6010	2840	4290	2930	1250	1980	13000	8850	10700
22	16700	10200	13800	6670	3230	5070	3020	1230	1940	9360	4530	6340
23	18300	11600	15300	7240	4390	5810	3980	2130	3100	5120	3530	4300
24	17400	10400	15000	8320	5020	6680	3450	2540	2730	5310	3520	4230
25	17300	10400	14300	8140	5470	6790	4480	1810	2710	8400	5010	6420
26	17100	10700	13700	6900	4250	4960	4560	1950	3260	6330	3700	4480
27	12900	6460	9410	5730	4400	5160	4570	2090	3570	9750	5150	7230
28	6460	1810	4000	5010	2440	3950	5490	2300	3600	9750	5670	7260
29	3990	1060	1900	4260	2460	3610	5420	2630	3910	12000	5800	8180
30	2250	806	1380	3830	2530	3220	8650	4530	6370	9430	6220	7650
31	---	---	---	3190	1710	2620	9820	5000	6860	---	---	---
MONTH	18300	806	9630	---	---	---	19300	1090	6350	24500	3520	12900

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.9	24.0	25.2	20.6	19.4	19.9	13.7	13.1	13.3	10.5	9.8	10.2
2	25.8	23.8	25.0	21.0	19.4	20.0	13.3	13.2	13.3	9.9	9.1	9.6
3	25.4	23.5	24.5	21.5	19.1	20.0	13.5	13.0	13.2	9.4	8.1	8.9
4	25.1	24.0	24.6	21.0	19.0	19.9	13.6	13.0	13.3	9.4	7.5	8.5
5	24.9	23.6	24.4	20.6	18.5	19.8	14.1	13.5	13.7	9.3	7.9	8.6
6	24.9	23.3	23.8	---	---	---	14.5	13.9	14.2	9.8	8.3	9.1
7	24.1	22.4	23.3	---	---	---	15.1	14.4	14.7	9.4	8.0	8.8
8	24.6	23.3	23.7	---	---	---	15.3	15.1	15.2	9.7	7.2	8.4
9	24.4	23.1	23.7	---	---	---	15.3	14.8	15.1	10.4	8.3	9.1
10	25.7	24.0	24.6	---	---	---	14.9	14.5	14.7	10.1	9.4	9.7
11	25.2	24.3	24.8	---	---	---	14.5	14.2	14.3	10.3	9.9	10.1
12	24.7	24.0	24.4	---	---	---	15.8	14.3	14.7	11.2	9.9	10.6
13	24.6	22.5	23.7	---	---	---	---	---	---	11.8	9.9	10.8
14	22.5	20.6	21.4	---	---	---	---	---	---	12.0	10.5	11.2
15	20.7	19.8	20.2	21.1	19.5	20.6	---	---	---	12.6	10.2	11.3
16	19.8	19.3	19.6	21.1	19.7	20.6	---	---	---	12.2	10.4	11.3
17	19.3	18.4	18.8	21.2	18.7	20.3	---	---	---	12.9	11.2	11.8
18	18.4	18.0	18.1	21.0	18.8	20.2	17.1	16.8	16.9	13.7	11.9	12.4
19	18.1	17.7	17.9	20.9	19.4	20.3	16.8	16.0	16.4	13.3	11.9	12.5
20	17.9	17.6	17.8	20.6	18.8	19.9	16.0	15.3	15.6	12.2	11.2	11.8
21	18.4	17.8	18.0	20.2	18.1	19.2	15.3	14.5	14.9	13.1	11.9	12.3
22	19.9	18.1	18.6	20.3	17.4	18.4	14.6	14.3	14.4	13.1	12.1	12.6
23	21.0	18.8	19.5	20.5	18.0	19.2	14.4	14.1	14.3	---	---	---
24	21.1	19.4	20.1	21.1	19.8	20.4	14.1	13.0	13.6	---	---	---
25	20.5	19.9	20.2	20.5	18.9	20.0	13.0	11.9	12.5	---	---	---
26	20.7	19.8	20.3	21.7	19.2	20.3	11.9	11.0	11.5	---	---	---
27	20.3	19.6	20.0	21.6	20.3	21.0	11.4	10.6	10.9	---	---	---
28	20.1	19.0	19.5	20.5	18.6	20.0	12.1	10.3	10.9	---	---	---
29	19.9	18.3	19.1	18.6	15.4	17.1	11.3	10.6	11.0	16.6	14.8	15.4
30	20.5	18.2	19.4	15.4	13.7	14.5	11.3	10.9	11.0	17.9	15.1	15.9
31	20.7	18.4	19.5	---	---	---	11.0	10.4	10.8	18.0	15.9	16.5
MONTH	25.9	17.6	21.4	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.3	15.2	15.7	13.7	12.9	13.4	19.5	19.0	19.2	27.5	26.1	26.7
2	15.8	14.7	15.2	13.7	12.4	13.3	20.4	19.0	19.5	28.2	26.3	27.0
3	16.2	15.0	15.5	12.4	10.6	11.3	20.0	19.1	19.6	28.4	26.6	27.3
4	15.3	14.7	15.0	10.6	10.1	10.3	19.7	18.7	19.2	28.9	26.7	27.5
5	14.7	13.2	14.1	10.6	9.6	10.0	20.0	18.2	19.1	28.5	27.0	27.7
6	13.7	12.9	13.2	12.1	9.7	10.3	20.2	18.6	19.3	28.7	27.2	27.9
7	12.9	12.0	12.5	13.9	10.4	11.5	19.5	18.4	19.1	29.0	27.5	28.2
8	12.8	11.5	12.1	13.9	11.4	12.4	19.6	18.6	19.1	28.6	27.4	28.0
9	13.3	11.0	11.8	13.8	12.7	13.3	18.8	18.1	18.4	28.5	27.4	28.0
10	11.8	10.6	11.2	14.5	13.4	13.9	18.7	17.9	18.3	29.8	27.8	28.5
11	11.3	10.5	10.9	14.4	13.2	14.0	19.2	18.3	18.7	28.8	27.5	28.1
12	12.0	10.4	11.3	15.0	14.4	14.7	20.0	19.1	19.4	28.7	27.9	28.3
13	12.3	11.1	11.6	16.7	14.4	15.2	20.6	19.5	19.9	28.2	26.9	27.7
14	13.6	11.1	11.9	17.6	15.1	16.0	21.0	20.0	20.4	27.5	26.2	26.8
15	12.2	11.4	11.9	18.4	16.2	17.2	21.9	20.6	21.0	27.0	26.0	26.4
16	13.3	11.6	12.2	19.5	16.8	18.3	22.5	21.0	21.7	27.6	26.2	26.7
17	14.2	11.6	12.6	21.1	17.9	19.6	23.8	21.4	22.4	26.9	25.7	26.4
18	14.4	12.1	13.4	21.7	19.8	20.7	24.1	22.0	23.0	25.7	24.7	25.5
19	15.2	13.4	14.5	22.0	20.3	21.4	24.5	22.5	23.3	25.6	24.1	24.8
20	15.6	13.8	14.5	21.9	19.3	21.1	25.1	23.1	23.9	26.0	23.2	24.7
21	15.4	13.9	14.5	19.7	18.9	19.2	25.5	23.4	24.4	25.7	23.9	24.8
22	15.7	14.8	15.1	19.7	18.4	18.9	25.3	23.8	24.4	25.8	24.0	25.2
23	16.4	14.7	15.4	18.9	17.6	18.3	26.1	23.9	24.5	25.2	23.4	24.4
24	16.1	14.7	15.4	19.4	18.1	18.6	27.0	24.4	25.2	25.2	24.2	24.6
25	16.4	15.2	15.8	20.1	18.6	19.2	25.8	24.5	25.3	26.9	24.9	25.5
26	15.9	14.2	15.0	19.8	18.4	19.0	26.7	24.2	25.0	27.5	25.1	25.8
27	14.8	13.6	14.2	20.5	18.3	19.2	26.1	25.1	25.5	27.5	25.4	26.3
28	14.4	13.0	13.7	19.8	18.7	19.1	26.7	25.4	25.9	27.4	26.0	26.7
29	---	---	---	20.0	19.1	19.4	27.9	25.9	26.5	26.3	25.2	25.7
30	---	---	---	20.4	19.0	19.6	27.6	26.3	26.9	26.6	24.8	25.7
31	---	---	---	20.4	18.8	19.5	---	---	---	26.1	24.6	25.3
MONTH	16.4	10.4	13.6	22.0	9.6	16.4	27.9	17.9	21.9	29.8	23.2	26.5

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	25.6	---	---	---	29.8	28.4	28.9	31.3	29.0	29.8
2	28.8	25.6	26.7	28.6	26.7	27.5	30.6	28.8	29.2	31.1	29.5	30.0
3	28.9	26.0	27.5	28.3	26.8	27.4	32.3	29.6	30.8	30.1	29.3	29.7
4	28.6	27.3	28.0	28.5	27.1	27.8	32.5	29.7	30.7	29.9	28.6	29.3
5	28.8	27.3	27.9	---	---	---	32.3	30.3	30.9	29.4	28.3	29.0
6	28.6	26.7	27.4	---	---	---	31.9	30.5	31.1	29.2	27.2	28.7
7	29.0	27.1	28.1	---	---	---	31.4	29.9	30.6	27.9	27.2	27.5
8	29.5	27.4	28.0	---	---	---	32.1	30.3	30.8	28.0	27.2	27.7
9	29.4	28.4	28.9	---	---	---	32.2	30.6	31.1	28.7	27.2	28.0
10	29.0	27.9	28.4	31.9	28.6	29.7	31.0	29.9	30.5	29.1	27.5	28.5
11	29.4	27.8	28.5	31.8	29.1	30.1	31.1	29.8	30.4	29.6	28.6	29.1
12	29.8	28.0	28.8	30.4	29.4	29.8	30.8	29.7	30.3	29.9	29.1	29.5
13	29.8	28.1	28.6	30.0	28.5	29.2	30.4	29.4	29.9	30.8	29.2	29.7
14	30.2	28.4	29.2	30.0	28.2	28.9	30.1	29.1	29.7	31.0	29.3	29.8
15	29.0	28.2	28.6	29.4	28.2	28.8	30.1	28.4	29.4	30.5	29.3	29.8
16	29.8	28.3	28.9	29.8	28.3	28.8	28.8	27.9	28.4	29.6	28.4	29.2
17	29.4	28.2	28.7	31.2	27.9	28.9	28.0	26.8	27.5	28.7	28.3	28.6
18	30.2	28.1	28.9	30.7	28.3	29.3	27.7	26.6	27.0	30.0	28.0	28.9
19	30.4	28.4	29.2	30.9	28.8	29.4	27.9	27.1	27.5	29.2	28.5	28.8
20	30.1	29.1	29.5	31.7	29.5	30.2	27.8	27.0	27.4	28.9	28.0	28.4
21	30.3	28.7	29.4	31.9	29.7	30.8	28.5	27.1	27.7	28.4	27.7	28.0
22	30.2	29.0	29.5	32.2	30.0	30.9	28.5	27.8	28.1	27.7	26.5	27.1
23	30.5	29.4	29.7	32.2	30.6	31.3	28.9	28.1	28.4	26.6	26.0	26.3
24	30.0	29.0	29.6	31.9	30.2	30.8	29.1	27.6	28.1	26.0	25.5	25.7
25	29.3	28.8	29.1	30.7	29.1	29.8	30.1	28.2	28.8	25.7	24.9	25.3
26	29.1	28.2	28.7	29.4	28.5	28.9	29.8	28.3	28.9	24.9	24.3	24.6
27	28.5	25.6	27.3	30.1	28.5	29.1	29.6	28.2	29.1	25.7	24.7	25.1
28	26.0	24.9	25.7	30.5	29.4	29.9	30.6	27.6	28.8	26.2	25.1	25.5
29	27.2	24.8	25.6	30.3	29.1	29.7	30.8	28.1	29.3	26.8	25.7	26.1
30	27.0	25.5	26.1	30.1	29.3	29.6	31.0	28.8	29.6	27.8	25.6	26.3
31	---	---	---	29.5	28.8	29.1	31.0	28.9	29.7	---	---	---
MONTH	30.5	24.8	28.2	---	---	---	32.5	26.6	29.3	31.3	24.3	28.0

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA

LOCATION.--Lat 30°01'55", long 93°17'58", T. 12 S., R. 9 W., Calcasieu Parish, Hydrologic Unit 08080206, on a wellhead platform in the north end of Calcasieu Lake, 4.0 miles north, northeast of Hackberry.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to September 1993, October 1997 to current year

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.-Stage affected by wind and tide. Satellite telemetry at station. Records rated good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.49 ft, Sep. 12, 1998; minimum, -1.93 ft, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.55 ft, Oct. 13; minimum, -1.57 ft, Jan. 7.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.50	0.83	1.21	1.90	1.04	1.53	2.09	0.67	1.47	1.02	-0.52	0.37
2	1.49	0.85	1.13	1.90	0.75	1.46	2.12	0.81	1.57	0.89	-0.41	0.36
3	1.56	0.74	1.15	1.99	0.81	1.55	2.16	0.96	1.60	0.41	-0.80	-0.15
4	1.73	0.92	1.34	1.76	0.58	1.29	2.27	1.01	1.67	0.98	-0.11	0.36
5	1.76	0.95	1.45	1.79	0.46	1.18	2.27	1.18	1.78	1.63	0.75	1.18
6	1.55	-0.17	0.58	1.89	0.72	1.41	2.13	1.02	1.60	1.22	-1.17	-0.50
7	1.49	0.54	1.02	1.74	0.47	1.14	2.00	0.84	1.37	-0.15	-1.57	-0.96
8	1.80	0.82	1.37	1.74	0.67	1.30	1.74	0.23	1.01	0.66	-0.63	0.09
9	2.29	1.36	1.93	1.76	0.53	1.17	0.86	0.07	0.48	0.72	-0.40	0.28
10	2.64	1.60	2.24	1.57	0.54	1.08	1.19	0.49	0.89	0.93	-0.35	0.38
11	3.21	1.77	2.64	1.46	0.86	1.15	2.09	0.41	1.15	0.79	-0.46	0.30
12	2.53	1.65	2.10	1.49	0.66	1.14	2.21	1.13	1.70	0.91	-0.44	0.33
13	3.55	1.75	2.51	1.73	0.67	1.29	2.08	0.78	1.46	1.29	-0.33	0.44
14	1.75	0.76	1.28	1.94	0.76	1.46	1.25	-0.07	0.74	1.50	-0.04	0.80
15	2.49	0.95	1.93	2.16	0.97	1.72	2.07	0.42	1.19	1.12	-0.52	0.36
16	2.03	0.62	1.37	2.23	0.83	1.56	2.38	0.88	1.68	1.37	0.32	0.94
17	2.23	0.95	1.59	1.54	0.24	0.97	2.41	0.36	1.25	1.08	-0.02	0.58
18	2.23	1.14	1.71	1.40	0.0	0.76	1.57	0.14	0.73	0.81	-0.37	0.24
19	2.10	0.95	1.63	1.47	0.17	0.86	1.59	-0.08	0.74	0.69	-0.49	0.10
20	2.06	0.91	1.51	0.86	-0.62	0.08	1.26	0.13	0.55	1.06	0.0	0.43
21	2.09	1.02	1.63	1.35	0.33	0.80	1.61	0.73	1.11	1.06	0.0	0.49
22	2.04	0.97	1.53	1.89	0.97	1.36	2.07	1.43	1.66	0.85	0.07	0.54
23	2.13	1.14	1.69	2.10	1.29	1.74	2.07	0.55	0.99	0.79	-0.18	0.37
24	2.19	1.39	1.85	2.24	0.94	1.55	1.36	0.28	0.84	0.70	-0.42	0.04
25	1.89	0.70	1.22	1.86	0.72	1.16	1.32	0.56	1.00	0.36	-1.18	-0.40
26	1.59	1.06	1.38	2.02	1.47	1.72	1.38	0.10	0.55	1.04	-0.32	0.35
27	1.65	0.92	1.37	2.07	1.28	1.71	1.32	-0.41	0.33	1.05	-0.40	0.50
28	1.56	0.97	1.27	2.28	1.43	1.83	1.56	0.27	1.10	1.16	-0.39	0.40
29	1.50	0.87	1.21	1.64	0.70	1.16	1.63	0.16	1.00	0.87	-0.47	0.25
30	1.59	0.76	1.24	1.87	0.39	1.12	1.21	-0.16	0.61	0.71	-0.67	0.12
31	1.87	1.09	1.52	---	---	---	1.18	-0.27	0.59	0.64	-0.52	0.09
MONTH	3.55	-0.17	1.54	2.28	-0.62	1.27	2.41	-0.41	1.11	1.63	-1.57	0.28

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	-0.39	-1.29	-0.80	2.24	1.14	1.75	1.15	-0.44	0.58	2.26	0.79	1.58
2	0.66	-0.92	-0.07	2.82	0.25	1.88	1.56	0.19	1.04	2.07	0.88	1.49
3	0.67	0.03	0.31	0.25	-1.36	-0.67	0.90	0.05	0.51	1.84	0.65	1.32
4	0.46	-0.46	0.06	0.98	-0.85	0.30	0.83	-0.62	0.16	1.69	0.58	1.18
5	1.13	-0.18	0.45	1.07	-0.19	0.58	1.00	-0.42	0.38	1.60	0.48	1.12
6	1.20	0.00	0.55	1.43	0.21	0.91	1.46	-0.16	0.68	1.87	1.22	1.56
7	0.60	-0.66	-0.05	1.54	0.30	1.00	2.08	0.94	1.55	2.01	1.48	1.74
8	0.96	-0.22	0.42	1.96	0.72	1.43	2.17	0.91	1.69	2.52	1.67	2.24
9	1.11	0.06	0.64	1.96	0.21	0.90	1.87	1.15	1.54	2.54	0.97	1.93
10	0.91	-0.87	0.01	1.02	-0.94	0.07	1.65	0.80	1.24	1.82	0.97	1.44
11	0.45	-0.98	-0.25	1.86	0.70	1.31	1.78	1.15	1.45	2.36	0.97	1.82
12	0.87	-0.15	0.47	1.98	0.42	1.02	1.72	0.87	1.35	2.45	1.26	2.02
13	0.83	-0.11	0.49	1.13	0.22	0.69	1.54	0.78	1.21	1.89	0.02	1.17
14	1.03	-0.22	0.34	1.55	0.85	1.26	1.64	0.77	1.28	1.65	-0.45	0.73
15	1.22	0.51	0.92	1.83	1.21	1.54	1.71	0.73	1.35	2.16	0.60	1.51
16	0.88	-0.13	0.26	1.59	1.06	1.34	1.93	0.85	1.46	1.92	0.70	1.49
17	0.83	0.07	0.42	1.61	0.88	1.36	1.70	0.62	1.25	1.93	0.18	1.05
18	1.65	0.28	0.99	1.68	0.92	1.30	1.62	0.44	1.16	0.56	-0.53	0.15
19	2.16	1.01	1.60	1.92	0.63	1.41	1.73	0.51	1.22	1.15	-0.72	0.32
20	2.01	0.93	1.29	1.91	0.26	1.20	1.73	0.59	1.25	1.43	0.12	0.86
21	1.63	0.50	1.10	0.46	-0.60	0.03	1.96	0.88	1.45	1.62	0.53	1.11
22	1.23	-0.17	0.59	0.83	-1.14	-0.02	1.48	0.43	0.99	1.69	0.78	1.22
23	1.42	0.08	0.84	1.44	-0.23	0.68	1.48	0.45	1.04	1.86	0.83	1.50
24	1.80	0.18	0.98	1.58	0.34	1.09	1.66	0.82	1.27	2.01	0.72	1.49
25	1.91	0.55	1.28	1.58	0.44	1.11	1.52	0.25	0.93	1.71	0.60	1.35
26	1.32	-1.30	-0.28	1.39	-0.23	0.45	1.48	0.25	1.06	1.76	0.54	1.31
27	0.30	-1.43	-0.66	1.11	-0.09	0.58	2.31	0.67	1.77	1.94	0.44	1.43
28	1.24	0.16	0.76	1.36	0.55	1.01	2.15	0.81	1.61	2.19	0.60	1.49
29	---	---	---	1.51	0.56	1.04	1.71	0.45	1.29	2.03	0.63	1.44
30	---	---	---	1.53	0.44	1.12	2.02	0.63	1.43	1.96	0.59	1.38
31	---	---	---	1.67	-0.01	0.93	---	---	---	2.04	0.52	1.37
MONTH	2.16	-1.43	0.45	2.82	-1.36	0.92	2.31	-0.62	1.17	2.54	-0.72	1.35

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.83	0.64	1.33	1.80	0.83	1.32	1.31	0.61	1.04	1.83	0.72	1.35
2	1.86	0.88	1.41	1.63	0.91	1.24	1.29	0.40	0.94	1.91	0.81	1.49
3	2.01	1.07	1.54	1.53	0.84	1.21	1.29	0.50	1.01	2.34	1.07	1.85
4	1.82	1.12	1.50	1.45	0.51	1.12	1.59	0.51	1.17	2.26	1.07	1.88
5	1.97	1.18	1.55	1.24	0.10	0.78	1.78	0.42	1.31	2.46	1.15	2.00
6	1.64	0.80	1.40	1.00	-0.04	0.56	1.61	0.0	0.98	3.07	1.59	2.57
7	1.79	0.60	1.27	1.29	-0.01	0.88	1.77	-0.03	1.01	---	---	---
8	1.84	0.60	1.39	1.48	0.23	1.07	1.87	0.29	1.23	---	---	---
9	1.83	0.58	1.42	1.86	0.41	1.35	2.09	0.35	1.32	---	---	---
10	2.26	0.55	1.65	1.71	0.38	1.20	2.37	0.80	1.77	2.55	1.72	2.25
11	2.40	0.96	1.80	1.60	0.24	1.12	2.50	1.34	2.03	2.50	1.25	1.89
12	2.08	0.77	1.59	2.06	0.30	1.22	2.48	1.56	2.07	2.12	0.84	1.52
13	1.92	0.72	1.44	1.60	0.38	1.07	2.24	1.65	1.90	1.97	0.87	1.54
14	1.57	0.46	1.05	1.36	0.25	0.92	2.34	1.54	1.93	2.40	1.24	1.89
15	1.56	-0.13	0.90	1.42	0.62	0.95	3.51	1.62	2.25	2.19	0.66	1.53
16	1.84	0.76	1.26	1.75	0.64	1.01	---	---	---	1.75	0.97	1.44
17	1.25	0.23	0.82	1.58	0.57	1.10	---	---	---	---	---	---
18	1.50	0.52	0.98	1.29	0.33	0.94	---	---	---	---	---	---
19	1.73	0.92	1.35	1.26	0.19	0.87	---	---	---	---	---	---
20	1.59	0.47	1.18	1.30	0.07	0.89	---	---	---	---	---	---
21	1.48	0.48	1.14	1.24	0.09	0.84	---	---	---	---	---	---
22	1.80	0.48	1.35	1.36	0.09	0.91	---	---	---	---	---	---
23	1.93	0.64	1.47	1.33	-0.02	0.83	---	---	---	---	---	---
24	1.96	0.62	1.41	1.57	0.06	0.94	---	---	---	---	---	---
25	1.98	0.45	1.44	1.41	0.16	0.93	---	---	---	---	---	---
26	2.16	0.59	1.51	1.43	0.35	0.99	1.45	0.89	1.24	---	---	---
27	2.45	0.91	1.72	1.66	0.42	1.17	1.35	0.68	1.02	---	---	---
28	2.18	0.99	1.56	1.52	0.73	1.22	1.39	0.67	1.09	---	---	---
29	2.19	0.90	1.63	1.57	0.82	1.22	1.37	0.68	1.05	---	---	---
30	2.01	1.08	1.55	1.75	0.90	1.15	1.47	0.70	1.18	---	---	---
31	---	---	---	1.39	0.79	1.10	1.70	0.69	1.27	---	---	---
MONTH	2.45	-0.13	1.39	2.06	-0.04	1.04	---	---	---	---	---	---

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1992 to September 1993, July 1997 to current year.

REMARKS.--Records rated good.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1992 to September 1993, July 1997 to current year.
WATER TEMPERATURE: July 1992 to September 1993, July 1997 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 48,400 microsiemens/cm, Sept. 8-9, 2000; minimum, 189 microsiemens/cm, Jan. 19, 1998.
WATER TEMPERATURE: Maximum, 33.3°C, Aug. 2, 1998; minimum, 4.5°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 34,000 microsiemens/cm, Aug. 11; minimum, 517 microsiemens/cm, Dec. 5.
WATER TEMPERATURE: Maximum, 32.7°C, July 24; minimum, 7.6°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22400	20100	21500	16100	14600	15400	25700	6490	16700	22500	12500	18000
2	22200	21300	21900	19100	14900	17100	26200	25600	25900	21000	16200	18700
3	21600	20800	21400	20800	16300	19400	26300	25200	26100	19900	16200	17700
4	21500	18300	19900	22500	19100	21600	26000	4620	21100	19500	15700	17700
5	20100	18900	19400	24700	21000	23300	15300	517	2520	26900	17600	20800
6	23500	18000	20700	25000	22400	23800	5920	624	1250	26700	14200	20300
7	24200	17500	20600	24800	22800	23800	2110	656	1280	15000	10100	12400
8	25900	22500	24500	24700	23400	23900	2570	884	1560	19300	13200	15400
9	25700	22000	23600	25000	23200	24200	5450	2000	3330	20100	17700	18900
10	24200	21900	22700	24900	24100	24500	6860	3090	4940	19700	16800	18300
11	25600	21400	22700	24400	24100	24400	7520	5190	6420	18900	15000	17900
12	25900	24100	25000	24700	24100	24300	8880	6330	7220	23100	15000	20800
13	24700	22100	23600	25600	24400	24900	9750	6560	8670	22400	17900	21300
14	23300	14800	20400	27600	25400	26300	11800	6770	9490	23900	20000	22400
15	22800	15300	20300	29700	26800	28400	10200	6580	8930	24800	19000	22900
16	20600	7180	11900	32900	27200	30700	11400	8910	9760	24200	20000	22200
17	9810	5700	8200	32100	30100	30600	13400	8320	10800	23600	21300	22200
18	9130	5160	6640	30500	28600	29400	10600	6550	8290	22600	18900	21100
19	5940	3550	4320	29100	28000	28600	10500	5690	8080	21300	15900	18800
20	3980	2450	3130	29600	26800	28200	8430	5660	7310	18500	14400	15800
21	4560	2310	3540	29900	25000	28600	11100	6380	9110	21100	18500	20000
22	5180	3490	4450	30300	29100	29700	13000	8410	10300	20700	19600	20200
23	5800	3780	4870	29600	28000	29200	11200	5900	8870	20500	19100	19800
24	4910	4330	4660	30500	27700	28900	8970	4840	7020	19100	15500	17500
25	8100	4420	6150	30900	29500	30400	9970	5680	8310	19000	12500	15000
26	13300	6110	9490	29500	28700	29100	8740	4490	7130	18800	16100	17800
27	14800	10400	12300	28900	27700	28500	6710	4460	5490	20200	16200	18700
28	13800	12100	12900	28900	27600	28100	12200	5870	9410	19200	17100	18000
29	13600	12400	13100	29300	21500	24600	13000	9930	11800	17900	15500	16500
30	13900	13200	13600	26000	13400	21900	15700	10100	14200	17200	15600	16200
31	16200	13700	14700	---	---	---	18900	10500	16600	17200	15000	16200
MONTH	25900	2310	14900	32900	13400	25700	26300	517	9610	26900	10100	18700

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15000	9600	12700	23900	16800	18600	17200	14800	15400	11900	11000	11300
2	16200	10200	14000	26700	20600	24000	16700	14800	15600	13700	11700	12400
3	17200	14100	15700	20600	12600	15400	17900	12200	16100	13200	12600	13000
4	17000	13300	15100	18200	13200	15100	20700	13400	16800	15100	13000	13400
5	22500	16000	19200	13900	10200	12500	21100	17800	20200	15300	12400	13800
6	24500	20100	23500	12500	10000	11400	23300	20600	22200	15000	13700	14800
7	22900	17500	20500	12300	8910	10500	22700	20300	21800	15800	15000	15300
8	21500	17500	20100	12300	8870	10100	21000	18400	20000	17900	15400	16700
9	21000	19300	19900	13200	9290	11700	20100	13900	18200	17600	15900	16500
10	21000	13300	19000	13100	9090	11000	15700	11000	13000	16400	15000	15500
11	20400	13900	17200	15700	12000	14200	18400	11000	15800	16300	14700	15900
12	19800	13900	17300	15900	12700	14600	13100	8080	10700	16700	16000	16300
13	19200	17100	18500	15200	13700	14100	18000	7350	15500	16200	11300	14400
14	19700	17000	18700	14500	13900	14100	9140	4490	6820	12600	9830	11200
15	21500	16700	19100	14800	12300	13900	7090	4510	5900	14200	12600	13700
16	22100	19800	21200	13300	12400	13000	11100	5230	6680	14100	13100	13500
17	21700	19100	20600	13400	13000	13200	13500	10100	11600	13500	12500	13100
18	20400	19000	19900	13400	13000	13200	12000	8390	10900	14200	10700	12200
19	20400	19300	19900	16500	13100	14200	12000	5760	8990	16600	11000	13400
20	20000	18000	19500	18700	13900	15700	12000	7210	10100	18300	15600	17300
21	19100	16200	18500	15200	11300	13100	11300	10100	10600	18900	17400	18200
22	20200	13900	17000	19900	10900	14200	12600	4520	10300	18600	18300	18500
23	20300	18400	19400	19900	16000	17500	7010	3670	5030	18600	17000	18300
24	19500	17300	18100	17100	16200	16700	9030	3650	6170	17900	16900	17300
25	18200	17200	17600	16400	15300	15800	8570	3530	5910	18400	17200	17700
26	19700	10800	16100	22700	15900	18900	7720	3530	5230	18800	17200	17800
27	15200	11400	13300	19600	18100	19000	8030	4460	6090	19300	17600	18300
28	18900	13200	17200	19300	18600	18900	10600	6860	9370	19600	18300	18800
29	---	---	---	19300	18600	18900	11900	9150	10900	19700	18400	18900
30	---	---	---	19300	18400	18800	11100	9160	10700	20100	18700	19200
31	---	---	---	18400	16700	17800	---	---	---	21000	19800	20500
MONTH	24500	9600	18200	26700	8870	15200	23300	3530	12100	21000	9830	15700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23400	20300	22200	21500	17500	19600	17000	14700	16100	22300	18500	20300
2	22500	21300	21800	18300	15100	16500	16200	13800	14900	24400	20700	22000
3	22000	20200	21400	20300	15200	18900	18800	14100	15400	25700	22500	23700
4	21200	20100	20500	19800	15700	18800	23200	16400	19300	27000	24100	25300
5	21100	20100	20700	18800	15800	17600	25200	21200	22600	28100	25900	26500
6	22300	20900	21500	18700	16000	17800	27400	22400	24600	28400	27200	27700
7	22600	21800	22200	17800	14100	16300	28800	24800	26500	---	---	---
8	22600	21900	22300	17900	14100	15700	31000	27300	28300	---	---	---
9	22500	21900	22300	19700	16400	17900	29900	26700	28700	---	---	---
10	22500	21900	22200	19900	18700	19500	33500	27600	29500	---	---	---
11	22400	21000	22000	22000	19500	20300	34000	29500	32300	28000	27000	27500
12	22400	20800	21700	22100	21000	21500	31400	26300	29800	27500	25600	26600
13	22200	20500	21600	22700	21400	21900	27100	26300	26500	26500	25000	25700
14	21800	20800	21600	21700	19700	21000	27800	27000	27400	26900	25200	25700
15	22000	20000	21000	21000	18900	20100	32300	26600	28300	26800	25100	26100
16	22700	19900	20800	19400	16400	18300	---	---	---	26200	23400	25200
17	22200	19500	20800	18400	15300	17100	---	---	---	---	---	---
18	23100	21700	22600	16300	14600	15700	---	---	---	---	---	---
19	23100	22300	22600	15400	13800	14900	---	---	---	---	---	---
20	23300	22300	22800	17900	13900	15000	---	---	---	---	---	---
21	25400	22900	23600	18000	14800	16100	---	---	---	---	---	---
22	25600	23300	24400	19100	15500	16500	---	---	---	---	---	---
23	25900	24100	24900	20100	16700	18200	---	---	---	---	---	---
24	25100	24500	24900	20100	18800	19500	---	---	---	---	---	---
25	24900	23900	24300	21900	18800	19500	---	---	---	---	---	---
26	24600	23500	24100	22000	19800	20500	---	---	---	---	---	---
27	23800	22300	23200	21000	19800	20300	13000	9870	10900	---	---	---
28	23200	22100	22700	21000	20000	20500	14500	11100	12700	---	---	---
29	22200	21100	21700	20300	18800	19800	16200	13000	14600	---	---	---
30	21700	19800	20900	19100	16900	18200	18800	14400	16500	---	---	---
31	---	---	---	18000	16200	17200	21300	15900	18300	---	---	---
MONTH	25900	19500	22300	22700	13800	18400	---	---	---	---	---	---

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.1	22.7	23.4	21.1	19.9	20.5	17.8	16.0	17.0	10.8	9.5	10.4
2	24.1	22.8	23.5	21.3	20.7	21.0	17.6	17.1	17.3	10.5	8.7	9.6
3	24.5	23.3	23.9	22.3	21.3	21.9	17.3	16.9	17.1	9.1	8.1	8.7
4	24.7	23.7	24.2	22.1	20.8	21.5	17.8	14.9	16.5	9.4	7.6	8.6
5	25.0	23.8	24.4	21.2	19.9	20.6	18.7	14.3	15.7	9.9	8.1	9.1
6	24.5	22.8	23.5	21.4	19.5	20.6	18.7	14.6	15.5	10.4	8.8	9.7
7	23.6	21.2	22.4	21.6	20.2	20.8	16.3	15.1	15.5	10.1	8.5	9.2
8	24.0	21.4	23.1	22.2	20.4	21.2	16.7	15.1	15.8	10.4	8.4	9.3
9	24.0	22.9	23.5	22.1	20.9	21.6	15.4	14.8	15.0	12.0	9.6	10.6
10	25.3	23.2	23.9	22.0	20.5	21.2	16.1	14.7	15.2	13.4	11.4	12.4
11	24.7	24.0	24.3	22.0	20.8	21.3	15.5	14.5	14.9	13.5	11.7	12.4
12	25.0	23.6	24.3	22.5	21.0	21.6	16.4	15.0	15.8	13.5	12.0	12.7
13	24.9	22.7	23.9	22.6	21.5	22.0	17.5	16.3	16.9	13.0	11.7	12.6
14	22.7	21.8	22.2	21.9	21.1	21.6	16.8	15.9	16.3	13.7	12.4	13.3
15	23.1	21.7	22.2	22.0	20.8	21.5	16.8	15.8	16.3	13.3	11.7	12.4
16	22.8	20.2	21.5	22.0	20.6	21.6	18.7	16.7	17.8	13.2	11.7	12.4
17	21.1	19.1	20.2	21.8	20.3	21.0	18.4	17.4	18.2	14.4	13.0	13.5
18	20.5	19.2	19.8	21.5	20.3	20.9	18.0	16.8	17.4	14.4	13.6	13.9
19	20.3	18.9	19.6	21.7	20.3	20.9	17.7	15.8	17.0	14.8	13.0	14.1
20	20.8	19.0	19.7	21.1	19.0	20.1	16.9	15.1	15.9	13.1	12.2	12.7
21	21.6	19.4	20.4	19.6	18.1	18.8	17.0	15.2	16.1	14.2	12.9	13.5
22	22.3	20.4	21.0	18.8	18.0	18.5	17.0	15.8	16.4	14.8	13.8	14.2
23	23.3	21.3	22.0	19.1	18.3	18.7	17.0	14.9	16.0	16.1	14.8	15.4
24	24.6	22.9	23.5	20.4	19.0	19.6	14.9	13.8	14.3	17.3	14.6	16.4
25	23.8	21.4	22.6	20.0	18.7	19.6	13.8	13.1	13.6	14.8	13.7	14.3
26	21.7	19.7	20.9	20.8	19.3	20.1	13.7	11.2	12.7	14.6	13.2	13.8
27	21.6	19.3	20.6	21.4	20.6	21.0	12.4	10.5	11.5	15.2	13.6	14.4
28	20.1	18.3	19.0	21.8	20.4	21.3	14.5	12.2	13.1	16.7	14.9	15.8
29	19.3	18.3	18.8	20.4	17.5	18.5	14.5	13.1	13.9	18.5	15.9	16.8
30	20.0	18.6	19.1	18.0	16.5	17.4	13.5	12.1	12.5	20.4	17.3	18.6
31	20.6	18.8	19.8	---	---	---	12.1	10.3	11.5	20.4	18.0	19.5
MONTH	25.3	18.3	22.0	22.6	16.5	20.6	18.7	10.3	15.4	20.4	7.6	12.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18.0	14.0	15.8	12.8	12.1	12.5	20.5	19.7	20.1	27.2	26.0	26.6
2	15.5	13.3	14.5	13.4	12.2	12.9	22.1	19.8	20.7	27.9	26.2	27.0
3	15.7	14.7	15.2	12.2	9.8	10.9	21.4	19.4	20.7	28.6	27.0	27.7
4	15.4	14.0	14.6	11.5	9.1	9.9	19.8	17.7	18.7	29.0	27.8	28.4
5	14.0	12.2	13.0	12.1	9.5	10.7	19.6	17.5	18.4	29.3	27.6	28.6
6	12.6	11.7	12.3	12.2	10.8	11.5	18.5	16.9	17.9	28.8	27.5	28.2
7	12.3	11.1	11.8	14.8	11.8	13.3	19.2	17.6	18.4	28.8	27.5	28.1
8	13.1	10.9	12.0	16.2	14.0	15.2	19.3	18.5	18.9	28.4	27.1	27.8
9	14.0	11.9	13.0	16.9	13.6	15.7	20.7	18.5	19.2	28.4	27.0	27.6
10	14.0	12.1	13.4	14.9	12.3	13.6	20.4	19.1	19.6	28.7	27.5	28.0
11	13.2	11.6	12.4	14.3	13.2	13.8	21.8	19.7	20.2	28.5	27.6	28.0
12	13.5	11.8	12.8	15.9	14.1	15.1	21.8	20.8	21.3	28.6	27.1	27.8
13	14.7	13.1	13.9	16.2	14.1	15.1	22.9	20.6	21.1	28.0	26.6	27.3
14	14.4	12.1	13.2	17.2	15.2	16.1	23.4	22.1	22.6	26.8	24.4	25.7
15	13.7	12.8	13.3	19.9	17.2	18.5	25.4	22.5	24.0	25.8	24.3	25.1
16	14.6	12.5	13.4	22.3	19.9	20.8	24.9	23.8	24.3	26.2	24.8	25.6
17	14.9	12.9	13.8	23.2	21.6	22.4	26.1	24.5	25.1	26.3	24.8	25.7
18	15.3	13.6	14.6	23.2	22.3	22.8	27.0	25.3	26.0	25.0	22.9	23.9
19	16.0	14.9	15.5	23.8	22.5	23.1	27.2	24.6	25.9	23.8	21.2	22.2
20	17.6	15.9	16.5	23.6	21.7	23.0	27.5	25.0	26.5	23.4	21.0	21.9
21	17.7	15.6	16.5	22.0	19.9	20.8	27.3	26.0	26.6	23.5	21.5	22.6
22	16.5	15.1	15.7	20.4	17.7	18.8	26.5	25.2	25.9	24.2	22.6	23.5
23	15.9	14.7	15.3	18.6	16.7	17.6	26.1	24.3	25.1	24.3	22.8	23.5
24	16.8	15.3	16.1	19.6	17.7	18.7	26.7	25.1	25.8	24.1	23.2	23.7
25	17.7	16.0	16.9	20.7	19.0	19.8	26.6	25.2	26.2	26.2	23.6	24.5
26	17.5	12.9	14.9	20.7	17.9	18.9	26.1	24.1	25.1	27.0	25.3	25.9
27	13.8	11.8	12.6	19.3	17.1	18.2	26.3	24.8	25.7	27.6	25.9	26.6
28	13.2	10.3	12.1	20.0	18.5	19.3	27.1	25.6	26.3	26.8	26.1	26.6
29	---	---	---	20.7	19.8	20.2	27.6	26.1	26.7	26.9	25.6	26.2
30	---	---	---	21.5	20.5	21.0	27.6	26.5	27.0	26.6	25.3	25.9
31	---	---	---	22.6	20.5	21.4	---	---	---	26.7	24.7	25.5
MONTH	18.0	10.3	14.1	23.8	9.1	17.1	27.6	16.9	23.0	29.3	21.0	26.0

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

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

08017118 CALCASIEU RIVER AT CAMERON, LA

LOCATION.--Lat 29°48'55", long 93°21'01", T. 14 S., R. 10 W., Cameron Parish, Hydrologic Unit 08080206, on a channel marker 0.3 miles north of the Cameron ferry located on State Highway 82.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.14 ft, Sep. 11, 1998; minimum, -3.00 ft, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 3.58 ft, Oct. 13; minimum recorded, -2.19 ft, Aug. 28, 31.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1.61	0.71	1.31	1.87	0.66	1.47	2.12	0.20	1.38	1.45	-0.59	0.63
2	1.46	0.67	1.16	1.97	0.50	1.46	2.07	0.22	1.36	1.27	-0.42	0.55
3	1.59	0.59	1.22	2.09	0.48	1.56	2.07	0.25	1.40	0.49	-1.00	-0.02
4	1.72	0.71	1.39	2.02	0.50	1.42	2.23	0.44	1.50	1.26	-0.26	0.53
5	1.89	0.72	1.48	1.92	0.27	1.32	2.23	0.66	1.60	1.80	-0.19	1.26
6	1.70	0.03	0.88	2.04	0.46	1.37	1.95	0.64	1.46	-0.19	-1.17	-0.83
7	1.73	0.44	1.27	1.68	0.25	1.10	1.79	0.62	1.26	0.19	-1.42	-0.69
8	2.19	0.78	1.51	1.75	0.52	1.29	---	---	---	0.68	-0.83	0.13
9	2.48	1.08	1.95	1.75	0.46	1.21	---	---	---	0.67	-0.70	0.21
10	2.66	1.40	2.21	1.62	0.38	1.09	---	---	---	0.92	-0.84	0.33
11	3.07	1.23	2.45	1.47	0.70	1.16	---	---	---	0.90	-0.72	0.38
12	2.63	1.18	2.02	1.52	0.51	1.15	---	---	---	0.98	-0.86	0.43
13	3.58	0.89	2.28	1.80	0.45	1.31	---	---	---	1.46	-0.55	0.53
14	1.72	0.21	1.03	2.15	0.50	1.53	---	---	---	1.60	-0.27	0.78
15	2.42	1.38	1.93	2.35	0.79	1.79	---	---	---	1.08	-0.73	0.43
16	2.40	0.23	1.38	2.42	0.32	1.52	---	---	---	1.44	0.21	0.99
17	2.21	0.73	1.60	1.79	-0.04	1.01	---	---	---	1.32	0.15	0.88
18	2.08	0.65	1.56	1.52	-0.26	0.81	1.55	-0.10	0.82	1.08	0.02	0.70
19	2.03	0.41	1.41	1.57	-0.06	0.88	1.63	-0.38	0.66	---	---	---
20	2.01	0.47	1.38	1.17	-0.46	0.43	1.39	-0.03	0.75	---	---	---
21	2.08	0.57	1.51	1.68	0.39	1.02	1.78	0.64	1.21	---	---	---
22	2.01	0.61	1.39	2.10	1.06	1.56	2.06	1.18	1.67	---	---	---
23	2.03	0.82	1.56	2.18	1.25	1.73	1.88	0.52	1.08	1.54	0.32	1.03
24	2.10	0.97	1.62	2.11	0.96	1.54	1.58	0.10	0.95	1.52	0.24	0.95
25	2.17	0.46	1.32	1.97	0.76	1.29	1.49	0.58	1.12	0.87	-1.02	0.19
26	1.85	1.21	1.58	2.09	1.29	1.65	1.33	0.07	0.41	1.45	-0.56	0.69
27	1.86	0.72	1.45	2.01	1.07	1.63	1.52	-0.67	0.49	1.64	-0.34	0.87
28	1.64	0.82	1.29	2.44	0.99	1.70	1.71	-0.16	1.08	1.70	-0.40	0.92
29	1.57	0.63	1.19	1.90	0.22	1.01	1.74	-0.18	1.02	1.60	-0.22	0.97
30	1.67	0.46	1.24	1.82	-0.13	1.10	1.63	-0.29	0.90	1.69	-0.09	1.10
31	1.75	0.77	1.47	---	---	---	1.56	-0.67	0.84	1.95	0.19	1.13
MONTH	3.58	0.03	1.52	2.44	-0.46	1.30	---	---	---	---	---	---

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

ELEVATION, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	0.46	-0.88	-0.13	2.27	1.35	1.94	1.35	-0.46	0.83	2.02	0.29	1.37
2	1.03	-0.35	0.48	2.68	-0.71	1.64	1.61	0.02	1.14	1.96	0.59	1.36
3	1.02	0.31	0.70	0.58	-1.31	-0.41	1.46	-0.24	0.81	1.86	0.41	1.31
4	0.97	-0.25	0.52	0.81	-1.21	0.29	1.19	-0.34	0.67	1.57	0.47	1.16
5	1.83	0.21	1.16	1.12	-0.59	0.47	1.21	-0.13	0.74	1.58	0.68	1.24
6	1.62	0.07	0.76	1.17	-0.09	0.74	1.66	-0.05	0.96	1.81	1.07	1.49
7	0.67	-0.93	0.0	1.44	-0.05	0.84	2.10	1.07	1.55	1.97	1.34	1.69
8	1.28	-0.69	0.46	1.74	0.31	1.19	2.10	0.97	1.70	2.29	1.74	2.06
9	1.34	-0.10	0.89	1.65	0.24	0.89	2.22	1.28	1.70	2.42	0.87	1.83
10	1.30	-1.12	0.03	1.27	-0.59	0.43	1.74	0.88	1.42	1.87	0.79	1.47
11	0.74	-1.45	-0.17	1.67	0.22	1.22	1.90	1.00	1.53	2.18	0.88	1.75
12	0.96	-0.43	0.42	1.74	0.27	0.82	1.88	0.68	1.45	2.34	0.88	1.87
13	0.93	-0.49	0.43	1.02	-0.11	0.61	1.67	0.56	1.26	2.04	-0.58	1.14
14	0.85	-0.41	0.41	1.47	0.39	1.10	1.78	0.48	1.31	1.89	-0.52	1.11
15	1.21	0.41	0.90	1.61	0.73	1.25	1.67	0.50	1.30	2.12	0.47	1.61
16	0.60	-0.12	0.28	1.47	0.50	1.14	1.80	0.41	1.33	---	---	---
17	0.69	-0.14	0.35	1.43	0.50	1.11	1.68	0.31	1.20	2.02	0.08	1.17
18	1.48	0.09	0.91	1.50	0.53	1.19	1.62	0.23	1.16	1.20	-0.84	0.56
19	1.73	0.77	1.30	1.66	0.53	1.30	1.73	0.25	1.21	1.40	-0.85	0.78
20	1.36	0.56	1.08	1.89	-0.13	1.24	1.74	0.42	1.25	1.62	0.30	1.09
21	1.53	0.23	1.01	0.90	-0.57	0.38	1.92	0.69	1.39	1.71	0.58	1.23
22	1.33	-0.49	0.62	1.15	-0.63	0.51	1.56	0.31	1.09	1.67	0.77	1.28
23	1.27	-0.23	0.74	1.54	-0.18	0.90	1.64	0.31	1.10	1.92	0.64	1.47
24	1.68	-0.52	0.77	1.78	0.11	1.08	1.61	0.57	1.19	1.96	0.43	1.49
25	1.70	-0.20	0.97	1.60	0.19	1.15	1.67	0.28	1.06	1.88	0.24	1.34
26	1.58	-1.59	-0.27	1.75	-0.42	0.66	1.61	0.15	1.15	1.76	0.18	1.29
27	0.64	-1.66	-0.43	1.31	-0.23	0.81	2.12	0.66	1.60	1.94	0.25	1.42
28	1.35	-0.28	0.75	1.55	0.39	1.04	2.15	0.06	1.44	2.13	0.26	1.49
29	---	---	---	1.56	0.13	0.96	1.80	0.10	1.26	2.03	0.08	1.45
30	---	---	---	1.64	0.31	1.08	1.81	0.12	1.26	2.03	0.08	1.37
31	---	---	---	1.75	-0.47	1.03	---	---	---	2.09	0.43	1.55
MONTH	1.83	-1.66	0.53	2.68	-1.31	0.92	2.22	-0.46	1.24	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1.84	0.69	1.43	1.63	0.79	1.26	1.60	0.69	1.31	2.31	-1.91	1.28
2	1.79	0.92	1.46	1.45	0.89	1.14	1.64	0.45	1.26	2.49	0.08	1.79
3	1.90	1.16	1.57	1.37	0.63	1.09	1.73	0.74	1.39	---	---	---
4	1.75	1.05	1.47	1.34	0.27	0.97	2.04	0.76	1.61	---	---	---
5	2.11	1.24	1.70	1.14	-0.16	0.68	2.24	0.49	1.65	---	---	---
6	1.77	0.85	1.53	0.94	-0.24	0.55	1.94	0.16	1.36	---	---	---
7	1.75	0.49	1.38	1.39	-0.09	0.88	2.27	0.40	1.58	---	---	---
8	1.83	0.31	1.39	1.63	0.08	1.10	2.28	0.42	1.69	---	---	---
9	1.88	0.32	1.37	1.88	-0.20	1.22	2.42	0.65	1.79	---	---	---
10	2.40	0.71	1.69	1.75	-0.24	1.09	2.84	1.26	2.39	---	---	---
11	2.40	0.38	1.77	1.64	-0.12	1.06	2.86	1.71	2.56	---	---	---
12	2.20	0.41	1.58	1.71	-0.25	1.08	2.70	1.83	2.38	---	---	---
13	2.00	0.13	1.42	1.50	-0.25	0.98	2.54	1.74	2.21	---	---	---
14	1.69	-0.17	1.13	1.35	-0.10	0.81	2.61	1.52	2.13	---	---	---
15	1.61	-0.27	1.04	1.41	0.20	0.87	3.22	1.67	2.44	---	---	---
16	1.76	0.35	1.19	1.42	0.42	0.90	2.81	1.22	2.13	---	---	---
17	1.47	0.15	0.98	1.74	0.66	1.23	2.28	0.54	1.64	---	---	---
18	1.47	0.56	1.07	1.62	0.30	1.17	2.22	0.53	1.56	---	---	---
19	1.59	0.76	1.22	1.57	0.14	1.12	2.04	0.41	1.46	---	---	---
20	1.49	0.22	1.05	1.68	0.03	1.13	2.04	0.54	1.52	---	---	---
21	1.58	0.19	1.13	1.61	0.00	1.08	2.24	0.73	1.54	---	---	---
22	1.93	0.32	1.36	1.70	-0.14	1.14	2.15	0.80	1.65	---	---	---
23	1.99	0.24	1.42	1.71	0.01	1.10	2.04	0.78	1.51	---	---	---
24	1.95	-0.02	1.32	1.74	0.07	1.20	2.08	0.71	1.60	---	---	---
25	2.02	0.13	1.36	1.61	0.10	1.18	1.90	-1.47	1.21	---	---	---
26	1.94	-0.02	1.33	1.75	0.43	1.30	2.03	-1.57	1.10	---	---	---
27	2.11	0.07	1.48	1.76	0.55	1.40	1.76	-0.27	1.19	---	---	---
28	1.94	0.38	1.35	1.69	0.80	1.41	1.84	-2.19	0.95	---	---	---
29	2.04	0.46	1.51	1.75	0.99	1.49	1.92	-2.03	1.08	---	---	---
30	1.80	0.96	1.46	1.77	1.03	1.46	2.08	-2.15	1.18	---	---	---
31	---	---	---	1.69	0.90	1.38	2.19	-2.19	0.85	---	---	---
MONTH	2.40	-0.27	1.37	1.88	-0.25	1.11	3.22	-2.19	1.61	---	---	---

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1997 to current year.

REMARKS.--Records rated good.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1997 to current year.
WATER TEMPERATURE: May 1997 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 55,800 microsiemens/cm, Sept. 7, 2000; minimum, 2,690 microsiemens/cm, Jan. 23, 1998.
WATER TEMPERATURE: Maximum, 33.8°C, Sep. 14, 1998; minimum, 2.5°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 42,000 microsiemens/cm, Nov. 24, Aug. 4; minimum, 4,900 microsiemens/cm, Dec. 7.
WATER TEMPERATURE: Maximum, 33.1°C, July 21; minimum, 5.4°C, Jan. 3.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28200	14800	20600	34000	13600	24800	35100	23400	29100	38500	13800	23100
2	30100	15200	20700	31900	14400	24600	28900	16000	21600	36300	13700	21800
3	38200	15700	24600	32200	15200	24700	21900	9740	14800	38100	12600	18500
4	36400	17300	26600	32300	15300	23100	21900	5540	12000	39100	18100	28200
5	35700	18900	28700	36100	14700	23700	23700	5940	11700	40500	20300	33300
6	36100	17500	22800	36200	16200	26000	16200	5700	9560	25800	18500	21000
7	36900	20100	29600	37700	18000	25000	18500	4900	8550	37000	17900	23900
8	37400	18500	29100	39000	21400	30600	---	---	---	40300	24300	35700
9	37300	27400	33500	40900	22100	28500	---	---	---	40100	22600	33900
10	36900	27900	33600	40800	22700	29500	---	---	---	40000	23700	33900
11	36400	27400	32800	39100	24400	30400	---	---	---	39900	21200	30800
12	33500	26500	29100	39700	24000	31000	---	---	---	35900	21000	28100
13	29700	27400	28600	41000	25500	34100	---	---	---	35900	20400	26800
14	27400	22500	24100	41200	27100	36200	---	---	---	32300	22200	28300
15	38100	22500	31100	41200	29300	36700	---	---	---	38500	20900	27800
16	27500	19800	23200	39700	29200	34900	---	---	---	38700	27300	34500
17	37400	17500	23300	36300	28800	32400	---	---	---	37600	25900	31400
18	35700	17900	22500	36300	28000	31900	35100	11000	18000	34900	24800	28700
19	33000	15300	21100	35900	28500	33000	35300	12700	20200	---	---	---
20	36300	12600	18500	38400	26700	30900	31400	10700	15200	---	---	---
21	37600	10600	21600	39900	29800	35700	33600	12000	19700	---	---	---
22	35300	11300	19400	40200	32100	37800	36100	16000	24800	---	---	---
23	33600	11700	23000	40800	35100	38300	26600	12400	16600	32900	23800	28900
24	32200	17400	24200	42000	31500	36400	17500	8560	12200	31900	23800	26400
25	27700	11000	17200	38200	30600	34000	17700	8720	11900	27700	19800	23700
26	32100	11800	21400	38300	35000	37300	14600	9630	10800	32500	20300	27100
27	28000	9250	16400	37600	33600	36200	36700	9150	20100	34300	21900	29100
28	27300	8980	15600	36600	32600	35100	37100	12200	27000	35100	23000	30600
29	28400	12000	17500	33600	29200	30700	37000	11700	22600	35600	22700	30500
30	33000	10900	21100	35700	27200	30400	38000	12300	22200	34000	24000	29800
31	36200	13800	24700	---	---	---	38500	11700	23800	30200	25100	28500
MONTH	38200	8980	24100	42000	13600	31500	---	---	---	---	---	---

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	25100	18400	21500	38300	35400	37100	36400	21000	30900	25100	14300	21000
2	39000	18700	27900	39000	26700	33200	36000	23100	31400	24500	13700	20000
3	39000	22400	27200	29400	20500	23900	32400	22500	26400	19000	15600	17500
4	25900	18800	22000	39800	21500	33100	36000	20400	28000	20400	14900	17900
5	39000	18700	27900	40400	23900	33500	36000	20000	28300	19500	15400	17700
6	37300	20100	24800	38600	24100	32100	35900	21600	29500	19800	16300	18500
7	39100	18700	26100	39600	24100	31900	35700	25500	33100	18400	11700	14500
8	40400	19200	30500	39600	24400	33000	36400	25500	31000	15000	10200	11300
9	40400	26000	35100	39100	21200	27400	28300	21800	24600	14200	9260	11700
10	39200	24600	29300	36000	17200	25000	26600	20000	21700	14400	9310	11900
11	39200	21600	28400	36200	24200	32900	25800	20300	22300	14200	9050	11200
12	39900	26000	34900	36200	22300	29300	24700	18600	20400	13800	8960	12800
13	39100	24300	32000	32200	18900	24500	22300	17600	19800	14200	13000	13500
14	40500	23600	29600	35200	25100	31500	23900	17100	20200	23300	13700	20000
15	40600	27000	35500	35300	27700	32900	23100	15000	20100	26100	17800	23500
16	33000	23300	26800	31600	24600	27400	19200	13400	17100	27400	19700	25100
17	35000	24000	27700	30700	23200	26900	18600	12100	16100	28800	19500	23400
18	40600	25600	34300	26300	22000	24900	19300	11800	16600	28200	16400	19700
19	40400	32400	37900	24100	19800	22700	18100	12000	16000	32100	15800	25700
20	39000	29000	31700	23400	18000	20900	16700	11800	15100	32800	18900	26000
21	36600	25400	31200	28300	20700	23500	16700	10900	14000	33600	19500	26200
22	34600	25300	29500	35900	20300	28500	19200	11400	14200	32800	22000	27000
23	35700	23800	30000	38000	20000	31500	23300	11100	15300	34700	21100	30200
24	36000	25800	32100	38000	26600	34300	23100	15500	19200	31300	21100	28300
25	35600	28500	33400	37800	27500	33500	21200	12200	16200	27300	21600	26000
26	35400	21700	26900	37000	24700	29900	21400	12300	17600	27300	22600	25900
27	38100	20700	27200	38500	20900	29100	24200	15000	22200	28600	23200	26400
28	38600	29000	36400	39200	25800	32700	19700	15100	17000	28800	23800	26500
29	---	---	---	38400	27300	32500	16900	14100	15600	25800	23100	25000
30	---	---	---	38800	26900	33800	27300	14500	21600	29500	22800	26700
31	---	---	---	35600	22600	29700	---	---	---	32600	22000	27900
MONTH	40600	18400	29900	40400	17200	29800	36400	10900	21400	34700	8960	21300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29600	21800	26400	22600	18400	20900	27600	21800	24900	35900	21000	27800
2	31700	24000	27900	22200	18000	20700	32300	22400	26500	37000	23200	30800
3	28800	22500	25500	21800	19000	20600	36100	23700	29500	---	---	---
4	26600	21400	25200	21100	16100	19000	42000	24400	32600	---	---	---
5	25800	19300	21900	22500	20100	21000	41400	25100	33400	---	---	---
6	24400	19700	22100	31100	20700	23800	---	---	---	---	---	---
7	24500	20500	22900	38300	21100	31800	---	---	---	---	---	---
8	23500	18900	21300	36000	25200	32100	---	---	---	---	---	---
9	23200	17100	20100	32500	26200	30800	---	---	---	---	---	---
10	23000	16000	18500	32400	26600	30000	---	---	---	---	---	---
11	20800	15700	17500	34100	25200	30600	---	---	---	---	---	---
12	20100	14700	17200	38600	25200	34100	---	---	---	---	---	---
13	22700	16100	19000	36900	26200	31200	---	---	---	---	---	---
14	31600	22600	25900	36000	23900	28600	---	---	---	---	---	---
15	38800	23200	32500	34000	25700	28300	---	---	---	---	---	---
16	37500	27400	33200	34100	23700	27500	---	---	---	---	---	---
17	38700	27100	30800	32200	22200	25900	---	---	---	---	---	---
18	37800	26500	30900	29000	22100	25500	---	---	---	---	---	---
19	37700	31800	34600	34700	21300	27400	---	---	---	---	---	---
20	36400	28500	33000	36700	22700	29800	---	---	---	---	---	---
21	30000	26400	27400	37400	23100	31000	29600	25500	27900	---	---	---
22	28300	21700	23600	38800	23800	32700	29400	25000	27200	---	---	---
23	26500	21600	23400	40100	25500	33300	28800	24400	26500	---	---	---
24	24900	21500	23100	40800	25800	35500	29600	23100	25900	---	---	---
25	24600	21600	23200	41600	27100	36100	28600	22100	24400	---	---	---
26	24400	22000	23500	41000	27200	35200	25900	20200	22600	---	---	---
27	24500	22700	23600	41000	26900	36000	24000	18000	20600	---	---	---
28	24200	18600	21800	39200	28300	34800	26100	18000	21100	---	---	---
29	23800	17500	20300	39000	28100	33100	26100	17800	20800	---	---	---
30	22500	21000	21800	34700	24600	28700	32100	17100	24000	---	---	---
31	---	---	---	29600	22800	25600	34200	18500	26000	---	---	---
MONTH	38800	14700	24600	41600	16100	29100	---	---	---	---	---	---

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.3	22.1	22.7	20.7	18.8	19.8	18.5	15.6	16.8	12.8	8.2	9.5
2	23.6	22.6	23.0	21.0	20.1	20.6	17.8	15.9	16.4	10.8	6.8	8.1
3	24.4	22.8	23.4	21.7	20.5	21.1	17.5	15.3	16.0	11.4	5.4	6.9
4	24.5	23.3	23.8	21.6	20.6	21.0	18.6	15.2	16.2	10.8	6.5	8.2
5	25.0	23.7	24.3	20.8	19.4	20.2	18.5	16.5	17.1	10.3	7.7	9.1
6	24.8	22.7	23.5	20.9	19.0	20.2	19.5	17.0	17.8	8.8	7.6	8.2
7	24.0	20.4	22.3	21.4	19.6	20.6	20.0	17.7	18.5	10.1	8.5	9.0
8	23.2	20.6	22.2	22.2	20.9	21.5	20.2	17.9	18.4	11.0	8.2	10.0
9	23.7	23.0	23.3	22.5	21.2	21.8	18.2	15.5	16.5	11.5	9.4	10.6
10	24.8	23.7	24.2	22.4	21.2	21.8	18.0	14.6	15.8	12.0	11.2	11.6
11	24.4	24.0	24.2	22.2	21.4	21.8	18.5	14.3	16.3	13.1	12.0	12.7
12	25.2	23.7	24.4	22.0	21.4	21.8	18.9	16.6	17.7	13.0	12.0	12.6
13	25.0	22.6	23.6	22.1	21.3	21.8	19.6	17.2	18.2	12.8	11.9	12.3
14	22.7	21.3	22.1	22.0	20.9	21.6	19.0	16.1	17.4	13.8	12.3	12.8
15	23.6	22.1	23.0	22.0	20.8	21.6	18.9	15.6	17.0	12.9	12.2	12.5
16	23.1	20.0	21.6	21.9	20.8	21.4	18.8	17.8	18.3	12.8	11.8	12.3
17	21.4	18.5	19.8	21.3	20.0	20.7	18.9	18.3	18.7	14.1	12.3	13.1
18	20.9	18.3	19.2	21.3	19.6	20.6	18.5	16.7	17.4	14.7	13.4	14.1
19	20.9	18.9	19.6	21.5	20.3	21.0	18.4	16.3	17.2	---	---	---
20	21.6	19.8	20.6	21.2	19.4	20.0	17.3	14.8	15.6	---	---	---
21	22.0	20.8	21.5	20.4	17.4	18.9	17.1	14.2	15.5	---	---	---
22	22.7	21.8	22.3	19.9	17.8	19.0	17.1	15.6	16.5	---	---	---
23	24.1	22.4	23.1	20.0	19.2	19.5	16.9	15.5	16.1	15.3	13.8	14.9
24	24.9	23.2	24.0	20.9	20.0	20.4	15.7	12.6	13.6	16.7	14.9	15.9
25	24.5	22.7	23.2	20.5	19.3	19.9	13.3	11.6	12.3	16.4	14.0	14.8
26	22.8	20.8	21.7	20.5	19.9	20.1	12.3	10.8	11.3	14.7	12.4	13.7
27	21.6	19.1	20.1	21.3	20.2	20.9	14.6	10.1	12.2	15.0	12.9	14.0
28	20.3	17.6	18.5	22.0	20.3	21.3	15.2	12.1	13.7	15.6	14.8	15.1
29	19.3	16.3	17.6	20.3	16.8	18.2	15.1	13.0	13.8	17.0	15.5	16.2
30	19.4	16.9	18.2	18.6	15.2	17.0	14.3	11.8	12.9	18.2	16.8	17.4
31	20.0	17.7	18.9	---	---	---	13.4	10.1	11.4	18.8	17.5	18.0
MONTH	25.2	16.3	21.9	22.5	15.2	20.5	20.2	10.1	15.9	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.9	13.9	16.0	13.0	12.2	12.5	21.7	19.8	20.3	27.2	26.4	26.7
2	15.1	12.8	14.0	13.0	11.1	12.5	21.5	19.8	20.3	27.9	26.4	27.0
3	15.1	12.6	13.8	11.1	7.7	8.9	21.4	20.4	21.1	27.8	26.9	27.3
4	14.2	12.7	13.4	11.0	7.3	9.6	20.4	17.8	19.3	28.3	27.2	27.7
5	13.7	11.9	12.7	11.8	8.2	10.3	19.3	16.5	18.0	28.7	27.7	28.1
6	13.0	9.0	10.5	12.1	10.3	11.2	18.9	16.4	17.8	28.4	27.6	28.1
7	12.9	8.7	10.3	13.1	11.6	12.4	19.5	17.4	18.6	28.4	27.8	28.1
8	13.1	9.5	11.2	14.2	13.0	13.8	19.6	18.5	19.0	28.0	27.6	27.8
9	13.1	10.6	12.2	16.5	13.9	15.5	20.3	18.3	18.9	28.3	27.3	27.7
10	13.0	11.8	12.4	15.7	13.3	13.9	21.0	19.9	20.4	28.8	27.6	28.1
11	13.1	10.3	11.7	13.8	12.7	13.4	22.1	20.5	21.1	28.7	27.9	28.2
12	13.3	11.3	12.4	15.6	13.7	14.7	23.6	21.8	22.4	28.5	27.7	28.1
13	13.7	12.4	13.0	15.6	14.8	15.1	24.9	22.9	23.8	28.1	25.9	27.3
14	13.8	12.6	13.2	16.2	14.8	15.3	25.1	23.0	24.2	26.7	25.4	26.1
15	13.8	13.0	13.5	18.2	15.8	16.8	25.5	23.5	24.5	26.2	24.6	25.6
16	13.9	12.8	13.3	20.0	17.5	18.8	25.0	24.0	24.4	26.7	24.6	25.8
17	14.7	13.0	13.6	20.9	18.7	19.9	25.6	24.0	24.6	26.2	24.2	25.5
18	15.6	13.8	14.6	21.3	19.7	20.4	25.9	24.3	25.0	24.7	21.4	23.2
19	15.7	15.1	15.4	21.6	20.6	21.1	25.8	24.7	25.3	24.1	19.6	22.3
20	17.6	15.7	16.4	22.0	21.1	21.6	26.1	24.9	25.6	23.7	20.0	22.2
21	17.3	16.4	16.8	21.6	19.6	20.6	26.3	25.1	25.8	23.8	20.8	22.6
22	17.1	15.8	16.5	19.6	17.5	18.6	26.0	25.4	25.7	24.2	22.3	23.3
23	16.0	15.0	15.6	18.2	15.8	17.3	26.2	25.1	25.6	24.2	22.9	23.6
24	16.1	14.8	15.6	18.7	16.9	17.9	26.3	25.2	25.8	24.0	23.1	23.5
25	16.8	15.8	16.3	19.3	18.6	18.9	26.1	25.3	25.9	25.8	23.4	24.2
26	16.7	12.4	15.0	19.1	18.2	18.7	25.7	24.9	25.4	27.0	24.5	25.5
27	14.3	9.5	12.0	18.4	16.8	17.7	26.5	25.2	26.0	27.4	25.4	26.4
28	13.9	10.8	12.7	18.8	17.7	18.3	27.1	25.9	26.6	27.0	26.0	26.4
29	---	---	---	20.0	18.7	19.2	27.8	26.4	27.0	26.5	25.7	26.1
30	---	---	---	20.9	19.4	20.0	27.6	26.8	27.1	26.5	25.3	25.8
31	---	---	---	22.6	20.3	21.4	---	---	---	26.2	24.9	25.5
MONTH	17.9	8.7	13.7	22.6	7.3	16.3	27.8	16.4	23.2	28.8	19.6	25.9

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.1	25.6	26.3	29.5	28.6	29.0	31.6	30.0	30.9	31.2	29.5	30.3
2	28.4	26.9	27.5	30.1	29.3	29.6	32.7	30.3	31.4	30.8	29.7	30.3
3	28.6	27.5	28.1	30.9	29.5	30.1	32.5	30.7	31.6	---	---	---
4	29.2	27.9	28.5	31.4	29.7	30.6	32.5	30.7	31.6	---	---	---
5	29.3	28.5	28.9	32.3	30.3	31.2	32.8	30.8	31.7	---	---	---
6	30.6	28.6	29.4	32.3	29.8	31.2	---	---	---	---	---	---
7	29.5	28.4	29.1	32.3	29.2	30.8	---	---	---	---	---	---
8	30.6	28.8	29.8	31.8	29.9	30.9	---	---	---	---	---	---
9	30.6	29.7	30.1	31.2	30.0	30.5	---	---	---	---	---	---
10	30.3	29.7	30.0	32.7	30.7	31.4	---	---	---	---	---	---
11	30.3	29.4	29.8	31.8	30.7	31.1	---	---	---	---	---	---
12	30.6	29.1	29.7	30.9	30.0	30.3	---	---	---	---	---	---
13	31.0	29.5	30.1	30.1	28.0	29.2	---	---	---	---	---	---
14	31.4	29.4	30.3	29.6	28.0	28.9	---	---	---	---	---	---
15	30.2	28.8	29.3	29.2	28.4	28.8	---	---	---	---	---	---
16	29.8	28.6	29.1	29.3	28.1	28.6	---	---	---	---	---	---
17	29.5	27.7	28.6	30.6	28.0	29.4	---	---	---	---	---	---
18	29.5	27.5	28.6	31.5	29.6	30.4	---	---	---	---	---	---
19	30.1	28.4	29.0	32.5	29.8	31.1	---	---	---	---	---	---
20	30.2	29.1	29.6	32.9	30.0	31.4	---	---	---	---	---	---
21	30.8	29.1	29.9	33.1	30.3	31.6	30.5	29.7	30.1	---	---	---
22	30.7	29.5	30.2	32.9	30.5	31.5	31.1	30.0	30.4	---	---	---
23	30.7	29.3	29.9	32.9	30.0	31.4	31.2	30.3	30.7	---	---	---
24	29.7	29.0	29.3	32.1	30.1	31.1	31.1	30.6	30.9	---	---	---
25	29.1	28.5	28.9	31.6	29.5	30.2	31.1	30.2	30.6	---	---	---
26	29.1	28.4	28.8	30.2	29.3	29.7	31.5	30.7	31.1	---	---	---
27	28.6	27.8	28.2	30.6	29.4	29.9	31.2	30.3	30.9	---	---	---
28	28.0	27.3	27.7	31.2	29.8	30.4	30.3	29.3	29.8	---	---	---
29	28.1	27.5	27.9	31.7	30.1	30.8	30.0	29.1	29.5	---	---	---
30	29.1	27.7	28.3	31.0	30.5	30.7	30.6	28.6	29.6	---	---	---
31	---	---	---	31.1	30.0	30.6	31.1	29.2	30.1	---	---	---
MONTH	31.4	25.6	29.0	33.1	28.0	30.4	---	---	---	---	---	---

08023080 BAYOU GRAND CANE NEAR STANLEY, LA

LOCATION.--Lat 31°58'45", long 93°56'02", in SW ¼ SE ¼ sec.6, T.11 N., R.15 W., De Soto Parish, Hydrologic Unit 12010004, near center of span on downstream side of bridge on U.S. Highway 84, 2.8 mi upstream from Bayou Castor, 2.9 mi west of Stanley, and 3.2 mi east of Logansport.

DRAINAGE AREA.--72.5 mi^2.

PERIOD OF RECORD.--January 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 172.40 ft above NGVD of 1929.

REMARKS.-- Records good above 100 ft^3/s, fair between 100 ft^3/s and 50 ft^3/s, and poor below.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Oct 14	2200	945	10.46	Jan 25	2200	1,180	10.74
Dec 13	0130	*9,560	*14.38	Feb 7	0830	1,070	10.61
Dec 18	1030	1,230	10.79	Apr 9	0530	3,960	12.58

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	3.7	444	14	121	10	669	8.8	1.3	1.3	0.59	0.00
2	2.9	3.3	115	13	132	12	407	9.4	3.8	0.99	0.40	0.00
3	2.5	3.0	40	13	65	15	107	9.9	2.7	0.52	0.24	0.00
4	2.0	3.0	24	12	42	14	53	9.5	1.9	3.6	0.19	0.00
5	3.0	2.7	17	42	80	11	32	9.3	1.3	9.5	0.15	0.00
6	37	2.6	14	255	596	9.7	23	9.7	0.80	3.7	0.14	0.00
7	104	3.0	12	284	948	9.4	18	9.4	0.53	0.55	0.11	0.00
8	26	3.0	43	100	477	9.1	1060	8.7	0.30	0.27	0.09	0.00
9	8.4	3.1	190	54	152	11	2730	7.6	0.20	0.24	0.04	0.00
10	5.4	2.9	140	40	86	11	835	7.2	0.26	0.17	0.03	0.00
11	5.6	2.6	51	31	57	11	314	7.3	0.18	0.13	0.02	0.00
12	6.9	2.6	3000	26	40	24	110	6.5	0.14	0.08	0.02	0.00
13	262	2.4	5040	21	32	69	62	7.6	0.10	0.23	0.03	0.00
14	652	2.2	1390	19	27	49	41	7.4	0.06	5.7	0.03	0.00
15	659	2.4	741	16	23	27	29	6.4	0.05	3.3	0.04	0.00
16	173	2.9	394	14	20	19	22	5.6	0.07	66	0.06	0.00
17	35	2.9	574	13	18	16	17	7.8	0.10	163	0.07	0.00
18	18	3.1	1040	12	16	13	14	8.0	0.10	62	0.09	0.00
19	14	3.3	552	19	16	13	12	19	0.09	9.7	0.07	0.00
20	11	3.5	169	82	29	108	11	12	0.08	4.5	0.06	0.00
21	9.6	3.5	80	86	57	494	10	8.7	0.08	2.7	0.04	0.00
22	8.5	3.6	56	45	34	588	8.8	7.7	0.06	1.7	0.03	0.00
23	7.2	3.8	45	31	22	233	8.4	5.3	0.04	1.1	0.02	0.00
24	6.7	4.4	37	223	16	69	8.0	2.9	0.04	0.63	0.02	0.00
25	5.9	4.4	29	851	14	45	8.1	1.5	0.13	5.2	0.01	0.00
26	5.3	5.0	25	812	12	338	9.1	1.1	0.19	13	0.00	0.00
27	5.1	8.4	22	271	11	464	8.4	1.8	1.0	9.4	0.00	0.00
28	4.8	47	20	98	9.8	263	9.0	0.94	20	4.6	0.00	0.00
29	4.2	324	19	67	---	83	8.4	0.97	6.8	2.6	0.00	0.00
30	4.0	464	18	55	---	57	8.2	1.3	3.2	1.6	0.00	0.00
31	4.1	---	16	51	---	424	---	1.4	---	1.0	0.00	---
TOTAL	2096.7	926.3	14357	3670	3152.8	3519.2	6652.4	207.11	45.60	379.01	2.59	0.00
MEAN	67.64	30.88	463.1	118.4	112.6	113.5	221.7	6.681	1.520	12.23	0.084	0.000
MAX	659	464	5040	851	948	588	2730	19	20	163	0.59	0.00
MIN	2.0	2.2	12	12	9.8	9.1	8.0	0.94	0.04	0.08	0.00	0.00
AC-FT	4160	1840	28480	7280	6250	6980	13200	411	90	752	5.1	0.00
CFSM	0.93	0.43	6.39	1.63	1.55	1.57	3.06	0.09	0.02	0.17	0.00	0.00
IN.	1.08	0.48	7.37	1.88	1.62	1.81	3.41	0.11	0.02	0.19	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2002, BY WATER YEAR (WY)

MEAN	22.96	35.97	132.9	167.8	200.0	152.9	116.6	90.35	68.58	16.48	8.210	4.189
MAX	128	220	463	703	514	555	451	388	433	290	125	50.4
(WY)	1998	1987	2002	1999	1987	2001	1991	1990	1989	1989	1997	2001
MIN	0.000	0.000	0.036	0.39	1.94	0.90	0.49	0.043	0.033	0.000	0.000	0.000
(WY)	1991	1996	1982	1981	1996	1996	1981	1996	1996	1984	1985	1982

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	53398.72		35008.71			
ANNUAL MEAN	146.3		95.91		84.18	
HIGHEST ANNUAL MEAN					156	1989
LOWEST ANNUAL MEAN					3.90	1996
HIGHEST DAILY MEAN	5040	Dec 13	5040	Dec 13	6230	May 18 1989
LOWEST DAILY MEAN	a0.00		a0.00		b0.00	
ANNUAL SEVEN-DAY MINIMUM	a0.00		a0.00		b0.00	
MAXIMUM PEAK FLOW			9560	Dec 13	9740	Jan 29 1999
MAXIMUM PEAK STAGE			14.38	Dec 13	15.48	Jan 29 1999
INSTANTANEOUS LOW FLOW	a0.00		a0.00		b0.00	
INSTANTANEOUS LOW STAGE			2.39	Sep 30	*	
ANNUAL RUNOFF (AC-FT)	105900		69440		60980	
ANNUAL RUNOFF (CFSM)	2.02		1.32		1.16	
ANNUAL RUNOFF (INCHES)	27.40		17.96		15.78	
10 PERCENT EXCEEDS	433		203		188	
50 PERCENT EXCEEDS	8.5		8.4		4.3	
90 PERCENT EXCEEDS	0.09		0.01		0.00	

a Many days
b Most years
* Not determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.45	3.34	8.94	3.70	5.71	3.61	10.14	3.48	3.07	3.11	2.97	2.62
2	3.41	3.31	5.59	3.66	5.87	3.69	8.70	3.51	3.24	3.09	2.93	2.61
3	3.38	3.29	4.41	3.65	4.87	3.79	5.54	3.53	3.17	3.01	2.89	2.59
4	3.35	3.29	4.02	3.62	4.44	3.76	4.66	3.51	3.12	3.18	2.87	2.58
5	3.39	3.27	3.84	4.28	4.97	3.65	4.22	3.50	3.07	3.53	2.85	2.56
6	4.40	3.27	3.74	7.25	9.53	3.60	4.00	3.52	3.01	3.26	2.84	2.55
7	5.56	3.30	3.69	7.53	10.46	3.59	3.88	3.51	2.96	3.02	2.83	2.55
8	4.16	3.30	4.39	5.42	9.00	3.58	9.48	3.48	2.90	2.96	2.81	2.59
9	3.67	3.30	6.57	4.67	6.11	3.64	11.90	3.44	2.87	2.95	2.78	2.59
10	3.54	3.29	5.94	4.36	5.23	3.63	10.23	3.41	2.89	2.92	2.76	2.58
11	3.54	3.27	4.61	4.16	4.73	3.65	7.74	3.42	2.86	2.90	2.74	2.57
12	3.61	3.27	11.04	4.05	4.40	4.01	5.53	3.38	2.85	2.87	2.75	2.55
13	7.03	3.26	12.86	3.91	4.23	4.94	4.77	3.43	2.82	2.91	2.77	2.54
14	9.86	3.24	10.93	3.84	4.10	4.58	4.37	3.42	2.79	3.35	2.77	2.53
15	9.86	3.26	10.12	3.74	4.00	4.10	4.10	3.38	2.78	3.25	2.78	2.51
16	6.23	3.29	8.49	3.68	3.92	3.89	3.91	3.34	2.79	4.48	2.79	2.50
17	4.28	3.29	9.44	3.64	3.87	3.81	3.77	3.44	2.81	6.25	2.80	2.50
18	3.88	3.30	10.57	3.62	3.81	3.73	3.68	3.45	2.81	4.74	2.80	2.49
19	3.73	3.31	9.43	3.84	3.81	3.71	3.63	3.81	2.80	3.53	2.80	2.50
20	3.65	3.33	6.29	5.13	4.14	5.22	3.58	3.60	2.80	3.32	2.79	2.53
21	3.60	3.33	5.13	5.20	4.74	9.46	3.53	3.48	2.80	3.22	2.77	2.53
22	3.55	3.33	4.71	4.47	4.27	9.90	3.48	3.44	2.79	3.15	2.76	2.52
23	3.50	3.34	4.48	4.16	3.98	7.01	3.47	3.32	2.78	3.10	2.75	2.50
24	3.48	3.37	4.29	6.49	3.83	4.94	3.45	3.19	2.78	3.03	2.73	2.48
25	3.44	3.37	4.12	10.26	3.75	4.51	3.46	3.08	2.84	3.31	2.72	2.47
26	3.41	3.40	4.00	10.19	3.70	8.15	3.49	3.04	2.86	3.66	2.71	2.45
27	3.40	3.55	3.92	7.33	3.64	9.32	3.47	3.11	3.04	3.50	2.69	2.44
28	3.39	4.38	3.87	5.39	3.60	7.37	3.49	3.03	3.81	3.29	2.68	2.43
29	3.36	7.91	3.84	4.92	---	5.18	3.47	3.03	3.42	3.17	2.66	2.41
30	3.35	9.12	3.80	4.71	---	4.73	3.46	3.06	3.24	3.10	2.65	2.40
31	3.36	---	3.76	4.62	---	8.87	---	3.08	---	3.04	2.63	---
MAX	9.86	9.12	12.86	10.26	10.46	9.90	11.90	3.81	3.81	6.25	2.97	2.62
MIN	3.35	3.24	3.69	3.62	3.60	3.58	3.45	3.03	2.78	2.87	2.63	2.40

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA

LOCATION.--Lat 31°52'30", long 93°39'30", in sec.38, T.10 N., R.13 W., De Soto Parish, Hydrologic Unit 12010004, near right bank on downstream side of bridge on State Highway 512, 2.2 mi east of Benson, and 3.9 mi upstream from Bear Creek.

DRAINAGE AREA.--80.2 mi^2.

PERIOD OF RECORD.--Annual maximums, water years, 1954-68. Occasional low-flow measurements, water years 1954-63, October 1977 to current year.

REVISED RECORDS.--WDR LA-80-1: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 208.67 ft above NGVD of 1929. Oct. 29, 1953 to Sept. 30, 1968, crest-stage gage at same site and datum.

REMARKS.--Records good above 50 cfs and fair below. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec 13	0400	*7,500	*18.85	Apr 9	0730	3,490	16.79
Jan 25	1630	2,640	16.12				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	15	288	28	83	21	905	4.8	1.1	1.5	1.0	0.12
2	1.8	17	65	26	74	27	439	6.0	0.36	0.86	1.1	0.06
3	3.6	15	40	26	54	31	108	6.2	0.02	1.1	1.7	0.00
4	4.9	18	32	27	43	26	64	6.2	0.13	1.5	2.2	0.01
5	5.6	19	28	65	93	23	46	5.3	0.08	1.4	2.1	0.16
6	6.1	17	25	327	996	24	38	5.1	0.00	1.8	0.91	0.21
7	17	15	24	204	1270	23	32	4.4	0.23	1.5	0.49	0.25
8	6.7	14	49	76	487	22	1200	4.5	0.36	1.3	0.34	0.39
9	5.0	14	133	51	132	28	2980	3.8	0.18	1.1	0.13	0.32
10	3.7	15	78	42	80	33	1240	3.6	0.91	1.2	0.12	0.22
11	3.4	19	48	38	55	30	273	4.4	1.2	2.8	0.82	0.14
12	5.7	20	2730	31	44	60	92	5.0	1.5	2.0	0.92	1.4
13	65	20	5280	27	43	131	60	3.7	2.6	2.2	0.93	1.6
14	214	20	2540	24	37	65	47	2.7	2.5	11	0.72	1.1
15	107	20	1260	21	34	43	37	4.8	2.0	8.5	1.3	0.72
16	33	20	402	21	31	35	32	e5.0	1.7	16	9.6	0.55
17	21	19	639	21	28	32	27	3.5	1.5	83	6.9	0.55
18	16	18	816	19	27	32	21	3.1	1.4	23	4.4	0.54
19	15	21	343	20	32	30	18	2.9	2.7	5.9	2.0	0.40
20	15	20	102	27	102	50	15	2.9	2.3	3.0	1.1	0.71
21	13	19	64	28	69	354	13	3.1	1.4	2.2	0.88	2.6
22	14	18	55	23	42	585	12	2.7	0.67	1.7	0.66	1.9
23	14	18	89	27	34	156	11	0.98	0.33	1.5	0.57	1.6
24	17	21	63	340	30	57	12	0.27	0.09	1.2	0.68	1.5
25	18	20	45	2090	27	47	11	0.0	0.00	11	0.78	1.4
26	17	20	38	1360	25	526	8.9	0.33	0.29	134	0.62	1.1
27	13	255	34	384	23	594	8.2	0.12	2.9	49	0.41	0.98
28	12	319	33	129	21	161	8.5	0.00	3.2	5.4	0.35	0.81
29	14	807	33	80	---	74	6.5	0.00	5.9	1.8	0.23	0.66
30	17	758	32	67	---	56	5.3	0.00	4.8	0.83	0.24	0.52
31	17	---	32	59	---	553	---	0.18	---	0.63	0.18	---
TOTAL	717.1	2611	15440	5708	4016	3929	7770.4	95.58	42.35	379.92	44.38	22.52
MEAN	23.13	87.03	498.1	184.1	143.4	126.7	259.0	3.083	1.412	12.26	1.432	0.751
MAX	214	807	5280	2090	1270	594	2980	6.2	5.9	134	9.6	2.6
MIN	1.6	14	24	19	21	21	5.3	0.00	0.00	0.63	0.12	0.00
AC-FT	1420	5180	30630	11320	7970	7790	15410	190	84	754	88	45
CFSM	0.29	1.09	6.21	2.30	1.79	1.58	3.23	0.04	0.02	0.15	0.02	0.01
IN.	0.33	1.21	7.16	2.65	1.86	1.82	3.60	0.04	0.02	0.18	0.02	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2002, BY WATER YEAR (WY)

MEAN	15.91	39.40	132.3	190.9	205.8	165.3	144.5	105.4	67.19	17.79	7.826	10.94
MAX	126	305	478	971	592	595	544	530	574	288	65.8	85.0
(WY)	1998	1987	1983	1999	1983	2001	1991	1983	1989	1989	1996	1991
MIN	0.000	0.000	0.000	0.18	1.76	8.84	1.50	0.11	0.000	0.000	0.000	0.000
(WY)	1981	1981	1981	1981	1981	1996	1981	2001	1988	1978	1980	1980

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1978 - 2002	
ANNUAL TOTAL	48235.34		40776.25			
ANNUAL MEAN	132.2		111.7		91.40	
HIGHEST ANNUAL MEAN					190	1989
LOWEST ANNUAL MEAN					10.6	1981
HIGHEST DAILY MEAN	5280	Dec 13	5280	Dec 13	10700	May 18 1989
LOWEST DAILY MEAN	0.00	Apr 27	0.00	May 25	0.00	Oct 1 1977
ANNUAL SEVEN-DAY MINIMUM	0.00	May 9	0.09	May 25	0.00	Oct 1 1977
MAXIMUM PEAK FLOW			7500	Dec 13	21300	Sep 20 1958
MAXIMUM PEAK STAGE			18.85	Dec 13	21.19	May 18 1989
INSTANTANEOUS LOW FLOW			a.00		b.00	
INSTANTANEOUS LOW STAGE			7.18	Oct 1		
ANNUAL RUNOFF (AC-FT)	95670		80880		66210	
ANNUAL RUNOFF (CFSM)	1.65		1.39		1.14	
ANNUAL RUNOFF (INCHES)	22.37		18.91		15.48	
10 PERCENT EXCEEDS	281		143		184	
50 PERCENT EXCEEDS	17		15		6.8	
90 PERCENT EXCEEDS	0.00		0.36		0.00	

a Many days
b At times most years
e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.31	7.48	12.64	8.21	10.11	7.88	14.95	7.39	7.89	7.95	7.54	7.40
2	7.34	7.63	9.58	8.13	9.85	8.16	13.59	7.53	7.74	7.85	7.55	7.39
3	7.55	7.52	8.74	8.13	9.23	8.36	10.67	7.59	7.57	7.90	7.64	7.37
4	7.68	7.68	8.39	8.15	8.86	8.10	9.56	7.62	7.66	7.95	7.70	7.38
5	7.74	7.72	8.19	9.28	9.84	7.94	8.97	7.57	7.64	7.94	7.69	7.44
6	7.77	7.62	8.06	13.19	14.92	8.00	8.63	7.58	7.58	8.00	7.52	7.46
7	8.43	7.49	7.99	12.05	15.24	7.96	8.39	7.55	7.69	7.95	7.44	7.48
8	7.82	7.42	9.00	9.92	13.83	7.89	13.57	7.60	7.74	7.92	7.39	7.53
9	7.69	7.44	11.22	9.21	11.17	8.21	16.40	7.56	7.67	7.89	7.32	7.51
10	7.56	7.50	9.95	8.92	10.01	8.45	15.11	7.57	7.86	7.90	7.31	7.48
11	7.52	7.75	9.03	8.80	9.27	8.30	12.59	7.68	7.91	8.12	7.51	7.45
12	7.75	7.78	15.55	8.57	8.89	9.35	10.34	7.78	7.95	8.02	7.54	7.69
13	9.77	7.79	17.77	8.43	8.83	11.18	9.49	7.68	8.09	8.04	7.54	7.76
14	12.46	7.79	16.04	8.30	8.63	9.58	9.08	7.61	8.09	8.66	7.51	7.70
15	10.53	7.78	15.20	8.19	8.48	8.86	8.74	7.86	8.02	8.49	7.57	7.64
16	8.41	7.77	13.49	8.22	8.35	8.51	8.55	---	7.98	8.73	8.25	7.60
17	7.85	7.71	14.35	8.19	8.22	8.38	8.35	7.80	7.96	10.59	8.11	7.61
18	7.56	7.66	14.81	8.10	8.15	8.39	8.07	7.79	7.94	8.97	7.94	7.61
19	7.48	7.87	13.13	8.14	8.36	8.32	7.93	7.79	8.11	8.17	7.72	7.58
20	7.47	7.82	10.55	8.51	10.57	8.96	7.80	7.83	8.06	7.90	7.59	7.63
21	7.40	7.76	9.56	8.56	9.69	13.26	7.71	7.89	7.94	7.78	7.57	7.90
22	7.42	7.70	9.26	8.32	8.80	14.30	7.64	7.87	7.82	7.69	7.52	7.83
23	7.42	7.65	10.25	8.52	8.49	11.26	7.63	7.67	7.73	7.64	7.51	7.80
24	7.63	7.84	9.52	11.35	8.32	9.35	7.75	7.54	7.64	7.58	7.54	7.79
25	7.68	7.81	8.90	15.75	8.15	8.98	7.68	7.43	7.60	8.17	7.56	7.77
26	7.61	7.77	8.63	15.23	8.07	13.83	7.57	7.63	7.68	11.34	7.54	7.73
27	7.37	12.25	8.46	13.43	7.93	14.29	7.55	7.58	8.13	9.49	7.49	7.71
28	7.30	13.13	8.43	11.09	7.86	11.51	7.61	7.43	8.16	7.98	7.47	7.67
29	7.41	14.76	8.45	10.04	---	9.85	7.47	7.36	8.40	7.66	7.43	7.65
30	7.63	14.71	8.40	9.64	---	9.31	7.40	7.39	8.30	7.51	7.44	7.62
31	7.60	---	8.41	9.40	---	13.97	---	7.57	---	7.47	7.43	---
MAX	12.46	14.76	17.77	15.75	15.24	14.30	16.40	7.89	8.40	11.34	8.25	7.90
MIN	7.30	7.42	7.99	8.10	7.86	7.88	7.40	7.36	7.57	7.47	7.31	7.37

08025500 BAYOU TORO NEAR TORO, LA

LOCATION.--Lat 31°18'25", long 93°30'56, in SW ¼ sec.20, T.4 N., R.11 W., Sabine Parish, Hydrologic Unit 12010005, near right bank on downstream side of bridge on state highway 473, 0.2 mi upstream from Hamby Creek, 2.5 mi northeast of Toro, and 7.8 mi west of Hornbeck.

DRAINAGE AREA.--148 mi^2.

PERIOD OF RECORD.--October 1955 to September 1986, October 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 138.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Nonrecording gage at same site and datum read once daily from Dec. 2, 1985 to May 15, 1986 and twice daily May 16, 1986 to Sept. 30, 1986. Prior to Dec. 2, 1985 at site 500 ft downstream at same datum.

REMARKS.--Records good above 10 cfs and fair below, except for periods of estimated record, which are poor. Satellite telemetry at station.

PEAK DISCHARGES 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)
Nov 29	2030	*8,940	*21.70	Dec 23	1130	1,820	12.05
Dec 14	1400	4,960	18.29	Apr 8	1800	2,420	13.74

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	19	1890	e115	99	258	427	29	14	13	7.7	4.2
2	14	19	399	e104	92	1100	165	28	14	11	6.1	3.6
3	13	18	250	e94	79	604	99	26	12	9.5	5.3	3.4
4	12	18	189	e85	72	221	73	24	11	8.7	4.8	3.4
5	11	18	153	e90	122	151	60	23	11	8.0	3.9	3.4
6	12	18	134	436	1470	126	52	23	11	8.5	3.2	3.1
7	12	17	123	310	1440	112	48	22	10	7.6	2.8	3.0
8	13	17	124	167	520	103	1390	21	9.9	6.6	3.1	3.1
9	14	16	231	e134	249	96	1920	19	9.4	5.8	2.4	3.4
10	12	16	185	e120	185	87	1290	18	8.8	5.4	2.1	3.5
11	16	16	132	e107	143	76	308	17	10	5.5	1.9	3.6
12	103	16	1020	e95	120	78	191	17	11	5.2	1.8	3.8
13	777	16	2730	e84	109	83	144	17	9.8	6.9	2.0	3.6
14	1370	17	4680	e80	99	82	123	16	9.0	11	2.6	2.9
15	721	17	3050	e76	90	74	108	16	8.0	21	5.5	2.6
16	150	16	924	e73	85	79	92	16	7.2	24	19	2.2
17	85	16	1160	70	80	93	81	15	6.5	21	91	6.3
18	60	16	1080	76	75	82	73	24	6.3	25	44	18
19	48	16	445	97	113	69	65	39	8.8	18	19	24
20	42	16	282	164	741	62	58	25	9.9	15	16	29
21	37	15	211	126	458	62	54	19	10	13	13	31
22	33	15	230	99	186	64	51	16	15	9.7	13	23
23	31	16	1590	88	129	57	48	14	13	7.9	10	16
24	29	19	1570	99	105	52	47	13	17	6.1	7.8	11
25	28	19	776	576	93	51	44	13	26	6.8	6.7	8.7
26	26	45	289	396	84	208	42	12	9.5	26	6.2	6.9
27	26	2390	212	173	72	117	41	12	9.9	19	6.4	6.1
28	23	3200	179	131	67	78	39	12	10	15	5.3	5.7
29	21	7840	159	113	---	64	36	12	12	12	4.8	5.6
30	20	6000	143	105	---	58	33	13	14	10	4.6	5.5
31	19	---	e129	99	---	298	---	13	---	9.0	4.5	---
TOTAL	3794	19897	24669	4582	7177	4745	7202	584	334.0	371.2	326.5	249.6
MEAN	122.4	663.2	795.8	147.8	256.3	153.1	240.1	18.84	11.13	11.97	10.53	8.320
MAX	1370	7840	4680	576	1470	1100	1920	39	26	26	91	31
MIN	11	15	123	70	67	51	33	12	6.3	5.2	1.8	2.2
AC-FT	7530	39470	48930	9090	14240	9410	14290	1160	662	736	648	495
CFSM	0.83	4.48	5.38	1.00	1.73	1.03	1.62	0.13	0.08	0.08	0.07	0.06
IN.	0.95	5.00	6.20	1.15	1.80	1.19	1.81	0.15	0.08	0.09	0.08	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2002, BY WATER YEAR (WY)

MEAN	49.30	102.4	195.9	312.9	307.3	271.6	243.1	185.2	107.8	55.72	26.68	50.72
MAX	695	660	1166	1228	1117	789	1354	1223	1202	886	198	928
(WY)	1985	2002	1983	1999	1975	1961	1968	1975	1989	1989	1958	1961
MIN	1.70	5.12	7.96	11.5	10.5	18.0	13.1	9.33	4.14	2.62	0.92	0.76
(WY)	1964	1982	1982	2000	2000	1996	1981	1963	1971	1956	1956	1956

08025500 BAYOU TORO NEAR TORO, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1956 - 2002	
ANNUAL TOTAL	94905.0		73931.3			
ANNUAL MEAN	260.0		202.6		158.3	
HIGHEST ANNUAL MEAN					409	1975
LOWEST ANNUAL MEAN					23.2	1996
HIGHEST DAILY MEAN	7840	Nov 29	7840	Nov 29	21600	Apr 9 1968
LOWEST DAILY MEAN	5.4	Aug 26	1.8	Aug 12	0.10	Sep 29 1956
ANNUAL SEVEN-DAY MINIMUM	7.7	Aug 20	2.3	Aug 8	0.13	Sep 27 1956
MAXIMUM PEAK FLOW			8940	Nov 29	31200	Apr 9 1968
MAXIMUM PEAK STAGE			21.70	Nov 29	25.73	Apr 9 1968
INSTANTANEOUS LOW FLOW			a1.8	Aug 11	b0.10	Sep 29 1956
INSTANTANEOUS LOW STAGE			a2.77	Aug 11	c2.40	Sep 30 1956
ANNUAL RUNOFF (AC-FT)	188200		146600		114700	
ANNUAL RUNOFF (CFSM)	1.76		1.37		1.07	
ANNUAL RUNOFF (INCHES)	23.85		18.58		14.53	
10 PERCENT EXCEEDS	729		302		292	
50 PERCENT EXCEEDS	46		25		32	
90 PERCENT EXCEEDS	11		5.5		5.6	

a Also occurred Aug 12,13
b Also occurred Sep 30, Oct 1, 1956
c Also occurred Oct 1, 1956
e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.36	3.45	12.06	---	4.63	5.43	6.70	3.77	3.47	3.33	3.13	2.95
2	3.31	3.45	6.56	---	4.56	9.57	5.21	3.75	3.46	3.26	3.06	2.91
3	3.27	3.44	5.77	---	4.41	7.50	4.63	3.70	3.40	3.21	3.02	2.90
4	3.23	3.44	5.39	---	4.33	5.59	4.35	3.67	3.36	3.18	2.99	2.90
5	3.22	3.43	5.13	---	4.70	5.11	4.18	3.65	3.35	3.15	2.93	2.90
6	3.24	3.42	4.97	6.75	10.89	4.90	4.07	3.64	3.36	3.17	2.88	2.88
7	3.25	3.41	4.88	6.09	10.80	4.77	4.01	3.63	3.34	3.13	2.85	2.87
8	3.28	3.40	4.89	5.23	7.11	4.67	10.02	3.60	3.32	3.08	2.88	2.88
9	3.29	3.38	5.65	---	5.76	4.61	12.35	3.57	3.30	3.04	2.83	2.90
10	3.25	3.37	5.36	---	5.36	4.50	10.17	3.55	3.28	3.02	2.80	2.90
11	3.35	3.37	4.95	---	5.05	4.37	6.09	3.52	3.33	3.03	2.78	2.91
12	4.64	3.37	8.96	---	4.85	4.39	5.41	3.51	3.37	3.01	2.77	2.93
13	7.98	3.38	14.15	---	4.74	4.46	5.07	3.51	3.32	3.10	2.79	2.91
14	10.60	3.39	17.92	---	4.63	4.44	4.90	3.50	3.29	3.25	2.84	2.87
15	7.94	3.39	15.03	---	4.54	4.36	4.75	3.51	3.25	3.53	3.02	2.84
16	5.08	3.38	8.77	---	4.48	4.41	4.58	3.51	3.21	3.63	3.49	2.81
17	4.47	3.37	9.77	4.31	4.43	4.57	4.46	3.49	3.18	3.57	4.57	3.02
18	4.18	3.37	9.51	4.37	4.37	4.44	4.37	3.68	3.17	3.67	3.98	3.46
19	4.02	3.38	6.79	4.61	4.63	4.29	4.28	4.00	3.27	3.48	3.52	3.63
20	3.91	3.38	5.95	5.21	8.16	4.21	4.20	3.74	3.32	3.39	3.42	3.75
21	3.83	3.36	5.54	4.90	6.83	4.21	4.14	3.60	3.33	3.32	3.35	3.78
22	3.77	3.34	5.62	4.63	5.37	4.24	4.11	3.53	3.50	3.22	3.33	3.61
23	3.72	3.37	11.30	4.51	4.93	4.14	4.07	3.47	3.44	3.14	3.23	3.43
24	3.68	3.45	11.26	4.62	4.70	4.07	4.04	3.44	3.46	3.06	3.14	3.28
25	3.66	3.47	8.19	7.40	4.57	4.05	4.01	3.41	3.58	3.09	3.09	3.17
26	3.63	3.73	5.99	6.53	4.47	5.45	3.98	3.40	3.21	3.65	3.06	3.10
27	3.62	13.60	5.54	5.28	4.34	4.81	3.97	3.40	3.22	3.52	3.07	3.06
28	3.57	15.36	5.32	4.95	4.27	4.40	3.94	3.39	3.24	3.41	3.02	3.04
29	3.51	20.87	5.18	4.78	---	4.23	3.88	3.40	3.31	3.32	2.99	3.03
30	3.48	19.07	5.04	4.69	---	4.16	3.83	3.42	3.36	3.23	2.98	3.03
31	3.46	---	---	4.63	---	5.86	---	3.45	---	3.19	2.97	---
MAX	10.60	20.87	17.92	7.40	10.89	9.57	12.35	4.00	3.58	3.67	4.57	3.78
MIN	3.22	3.34	---	---	4.27	4.05	3.83	3.39	3.17	3.01	2.77	2.81

08028000 BAYOU ANACOCO NEAR ROSEPINE, LA

LOCATION.--Lat 30°57'10", long 93°21'10", on line between secs.25 and 26, T.1 S., R.10 W., Vernon Parish, Hydrologic Unit 12010005, near center of span on downstream side of bridge on parish road from Rosepine to Evans, just downstream from Pocosin Creek, and 4.8 mi northwest of Rosepine.

DRAINAGE AREA.--365 mi^2.

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 2122: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 118.09 ft above NGVD of 1929. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good above 10 ft^3/s and fair below. Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Vernon Lake (usable capacity, 580,000 acre-ft) since May 1963. Effected by occasional regulation July to September in most years caused by temporary lowering of the reservoirs upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	86	8310	448	389	500	1110	92	49	56	40	14
2	51	82	5320	401	384	2310	1320	83	41	50	32	13
3	47	82	3670	352	346	2500	1130	80	35	66	26	14
4	44	80	1830	320	307	1840	862	76	32	59	24	14
5	43	78	1120	375	306	1170	629	81	28	48	22	14
6	59	72	824	851	1130	866	480	71	45	41	21	13
7	80	67	649	854	1830	696	373	63	43	39	19	13
8	58	64	559	679	1530	587	1360	57	39	33	18	16
9	47	62	564	568	1130	512	3360	51	38	31	17	24
10	45	60	484	499	883	463	3710	47	69	28	18	21
11	68	58	423	454	710	371	3600	46	82	36	15	17
12	303	58	591	416	565	344	2250	43	69	66	14	14
13	2560	57	2540	370	466	346	1280	40	51	58	15	13
14	4840	56	14500	332	394	329	911	45	39	38	19	12
15	6920	56	15300	306	333	307	692	49	34	34	55	11
16	4650	55	7170	275	303	387	549	39	30	42	128	11
17	1850	53	4850	255	264	751	447	39	26	75	73	14
18	787	50	4270	274	241	585	374	61	29	64	67	44
19	542	48	3540	310	252	461	317	77	26	43	49	103
20	411	47	2230	366	1920	389	e274	60	33	33	48	910
21	328	54	1440	398	2320	415	e238	43	79	27	62	1110
22	273	44	1100	395	2040	378	e208	36	54	25	72	537
23	232	43	2440	383	1450	296	e184	33	36	22	38	311
24	203	64	2990	385	1000	244	e163	31	28	21	28	198
25	196	74	2300	607	745	234	e145	31	29	24	25	138
26	196	72	1320	657	601	1250	e129	30	51	59	22	114
27	160	2340	965	580	482	2150	e124	30	94	98	21	82
28	132	3990	807	494	384	1690	e117	47	71	77	21	68
29	112	6810	704	435	---	1020	e110	47	69	70	18	57
30	100	10100	610	393	---	750	101	44	70	71	17	48
31	91	---	522	357	---	703	---	50	---	52	16	---
TOTAL	25487	24862	93942	13789	22705	24844	26547	1622	1419	1486	1060	3968
MEAN	822.2	828.7	3030	444.8	810.9	801.4	884.9	52.32	47.30	47.94	34.19	132.3
MAX	6920	10100	15300	854	2320	2500	3710	92	94	98	128	1110
MIN	43	43	423	255	241	234	101	30	26	21	14	11
AC-FT	50550	49310	186300	27350	45040	49280	52660	3220	2810	2950	2100	7870
CFSM	2.25	2.27	8.30	1.22	2.22	2.20	2.42	0.14	0.13	0.13	0.09	0.36
IN.	2.60	2.53	9.57	1.41	2.31	2.53	2.71	0.17	0.14	0.15	0.11	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2002, BY WATER YEAR (WY)

MEAN	148.5	335.3	695.7	786.0	882.1	741.2	731.0	597.1	291.6	231.2	151.1	167.1
MAX	1114	2418	6006	2741	4220	1901	2402	6181	2628	2665	2286	1698
(WY)	1985	1958	1983	1990	1966	1973	1952	1953	1989	1989	1955	1958
MIN	7.95	13.5	40.1	25.8	24.6	92.7	42.9	36.6	15.7	14.8	9.17	9.18
(WY)	1964	1968	1955	2000	2000	2000	1981	1978	1971	1998	2000	1993

08028000 BAYOU ANACOCO NEAR ROSEPINE, LA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1952 - 2002	
ANNUAL TOTAL	298282		241731			
ANNUAL MEAN	817.2		662.3		477.9	
HIGHEST ANNUAL MEAN					1265	1983
LOWEST ANNUAL MEAN					102	1981
HIGHEST DAILY MEAN	15300	Dec 15	15300	Dec 15	49900	Apr 30 1953
LOWEST DAILY MEAN	20	May 30	a11	Sep 15	4.9	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	21	May 29	13	Sep 11	5.3	Sep 2 2000
MAXIMUM PEAK FLOW			20400	Dec 14	64300	May 19 1953
MAXIMUM PEAK STAGE			23.65	Dec 14	28.38	May 19 1953
INSTANTANEOUS LOW FLOW			b11	Sep 15	c4.0	Sep 28 1981
INSTANTANEOUS LOW STAGE			d2.93	Aug 11	*	
ANNUAL RUNOFF (AC-FT)	591600		479500		346200	
ANNUAL RUNOFF (CFSM)	2.24		1.81		1.31	
ANNUAL RUNOFF (INCHES)	30.40		24.64		17.79	
10 PERCENT EXCEEDS	2330		1750		1080	
50 PERCENT EXCEEDS	215		100		145	
90 PERCENT EXCEEDS	46		24		19	

a Also occurred Sep. 16.
b Also occurred Sep. 16, 17.
c Also occurred Sep. 29, 30, 1981.
d Also occurred Aug. 12, 13.
e Estimated
* Not Determined

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.44	3.67	21.51	5.61	5.34	5.79	8.33	3.65	3.33	3.35	3.20	2.98
2	3.37	3.63	19.97	5.39	5.31	12.47	9.10	3.59	3.27	3.30	3.13	2.97
3	3.33	3.63	16.76	5.16	5.13	13.11	8.41	3.56	3.22	3.43	3.07	2.98
4	3.30	3.62	11.10	5.01	4.94	10.88	7.37	3.54	3.19	3.38	3.04	2.98
5	3.29	3.59	8.66	5.26	4.93	8.55	6.41	3.57	3.15	3.28	3.01	2.98
6	3.43	3.54	7.56	7.33	8.32	7.39	5.75	3.50	3.30	3.22	3.00	2.97
7	3.61	3.50	6.85	7.35	10.86	6.70	5.26	3.44	3.28	3.20	2.98	2.97
8	3.42	3.48	6.46	6.63	9.86	6.22	8.98	3.39	3.25	3.14	2.97	3.00
9	3.33	3.46	6.48	6.13	8.41	5.89	15.81	3.35	3.24	3.12	2.96	3.08
10	3.31	3.45	6.11	5.83	7.46	5.68	16.87	3.31	3.48	3.09	2.97	3.05
11	3.50	3.43	5.80	5.64	6.76	5.25	16.53	3.31	3.58	3.17	2.94	3.01
12	5.11	3.43	6.54	5.46	6.12	5.12	12.25	3.28	3.49	3.44	2.93	2.98
13	13.19	3.42	12.77	5.25	5.69	5.13	8.95	3.25	3.35	3.37	2.94	2.96
14	19.16	3.41	22.59	5.06	5.36	5.05	7.57	3.30	3.25	3.19	2.98	2.95
15	21.09	3.41	22.79	4.94	5.07	4.94	6.68	3.33	3.21	3.15	3.32	2.94
16	18.94	3.40	21.11	4.78	4.92	5.31	6.05	3.25	3.17	3.23	3.90	2.94
17	11.09	3.38	19.48	4.67	4.72	6.93	5.60	3.25	3.13	3.51	3.51	2.98
18	7.41	3.36	18.38	4.77	4.60	6.21	5.27	3.42	3.16	3.42	3.46	3.26
19	6.38	3.34	16.33	4.95	4.65	5.67	4.99	3.55	3.13	3.23	3.32	3.72
20	5.74	3.33	12.18	5.23	11.14	5.34	---	3.41	3.18	3.14	3.30	7.45
21	5.29	3.39	9.53	5.38	12.50	5.46	---	3.28	3.56	3.08	3.41	8.30
22	4.97	3.30	8.30	5.37	11.57	5.29	---	3.23	3.37	3.05	3.50	6.00
23	4.73	3.29	12.86	5.31	9.55	4.88	---	3.20	3.23	3.02	3.22	4.96
24	4.53	3.47	14.68	5.32	7.92	4.62	---	3.18	3.15	3.00	3.13	4.35
25	4.49	3.56	12.43	6.31	6.91	4.56	---	3.18	3.16	3.04	3.09	3.97
26	4.49	3.55	9.11	6.53	6.28	8.66	---	3.17	3.35	3.36	3.06	3.80
27	4.23	12.31	7.78	6.19	5.76	11.93	---	3.17	3.66	3.70	3.04	3.58
28	4.02	17.62	7.16	5.81	5.31	10.36	---	3.31	3.48	3.53	3.04	3.48
29	3.86	20.94	6.74	5.55	---	7.99	---	3.31	3.46	3.47	3.02	3.39
30	3.77	21.87	6.32	5.35	---	6.93	3.71	3.29	3.47	3.47	3.01	3.32
31	3.70	---	5.93	5.19	---	6.73	---	3.34	---	3.31	3.00	---
MAX	21.09	21.87	22.79	7.35	12.50	13.11	16.87	3.65	3.66	3.70	3.90	8.30
MIN	3.29	3.29	5.80	4.67	4.60	4.56	3.71	3.17	3.13	3.00	2.93	2.94

08028200 BAYOU ANACOCO NEAR KNIGHT, LA

LOCATION.--Lat 30°52'14", long 93°30'38", in SE 1/4 sec. 20, T. 2 S., R. 11 W., Beauregard-Vernon Parish line, near right bank of low-water channel at downstream side of bridge on State Highway 111, 4.9 mi southwest of Knight, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--425 mi^2.

PERIOD OF RECORD.--Water years 1958, 1961, 1969 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1969 to September 1972.
WATER TEMPERATURES: December 1969 to September 1971.
COLOR: December 1969 to July 1972.

REMARKS.--Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Lake Vernon (usable capacity, 58,000 acre-ft) since May 1963. Water used by paper mill at De Ridder is pumped from wells and discharged later as waste into bayou above station. This discharge is not continuous but is stored in a reservoir and is released whenever flow of bayou is sufficient to dilute effluent from mill.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 910 micromhos Oct. 31, 1970; minimum daily, 40 micromhos Jan. 1, 1970, Jan. 7, 1972.
WATER TEMPERATURES: Maximum daily, 33.0°C June 15, 1970; minimum daily, 7.0°C Jan. 9, 10, 1970.
COLOR: Maximum daily, 600 units Mar. 16, 1971; minimum daily, 5 units June 20, 27-30, 1970.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 6.0°C was observed Jan. 19, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/100 ML) (31673)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)
NOV													
28...	1150	68	6.4	16.1	80	7.2	2.7	6100	7200	10	2.90	.57	9.20
FEB													
07...	1130	119	7.0	8.2	100	14.6	6.2	2000	3200	17	5.60	.85	15.0
MAR													
27...	1300	83	7.0	15.5	60	8.1	2.1	--	890	13	4.10	.65	11.0
MAY													
30...	1200	422	7.3	24.4	140	5.3	.6	82k	80	31	9.80	1.50	75.0
AUG													
01...	1525	562	7.8	30.9	160	6.6	--	84k	33k	39	13.0	1.50	100
SEP													
24...	1015	557	6.7	24.1	160	8.4	--	48k	58k	37	12.0	1.60	99.0

Date	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
NOV													
28...	2.30	10	13.0	4.5	<.10	4.30	65	43	<.01	.020	.03	E.90cl	E.08cl
FEB													
07...	1.70	20	19.0	6.90	<.1	9.60	89	68	<.01	.350	.12	1.1	.10
MAR													
27...	1.50	14	13.0	5.50	<.1	6.70	--	51	<.01	.080	.04	1.0	.09
MAY													
30...	3.00	65	95.0	17.0	<.1	15.0	274	256	.04	.250	.04	.80	.08
AUG													
01...	4.10	79	140	23.0	.1	15.0	379	344	.050	.280	.010	1.1	.070
SEP													
24...	4.60	71	150	20.0	.1	12.0	381	342	.02	.150	.03	.90	.05

Date	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)
NOV			
28...	.050	290	120
FEB			
07...	--	232	97
MAR			
27...	.040	304	78
MAY			
30...	.100	175	143
AUG			
01...	.09	220	199
SEP			
24...	.070	103	29

08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ACE-NAPHTH-YLENE TOTAL (UG/L) (34200)	ACE-NAPHTH-ENE TOTAL (UG/L) (34205)	ANTHRA-CENE TOTAL (UG/L) (34220)	BENZO B FLUOR-AN-THENE TOTAL (UG/L) (34230)	BENZO K FLUOR-AN-THENE TOTAL (UG/L) (34242)	BENZO-A-PYRENE TOTAL (UG/L) (34247)	BIS(2-CHLORO-ETHYL) ETHER UNFLTRD RECOVER (UG/L) (34273)	BIS(2-CHLORO-ETHOXY) METHANE TOTAL (UG/L) (34278)	BIS(2-CHLORO-ISO-PROPYL) ETHER TOTAL (UG/L) (34283)	N-BUTYL BENZYL PHTHAL-ATE TOTAL (UG/L) (34292)	CHRY-SENE TOTAL (UG/L) (34320)	DIETHYL PHTHAL-ATE TOTAL (UG/L) (34336)
NOV 28...	18.1	<2	<2	<2	<3	<3	<3	<2	<3	<2	<4	<3	<2

Date	DI-METHYL PHTHAL-ATE TOTAL (UG/L) (34341)	FLUOR-ANTHENE TOTAL (UG/L) (34376)	FLUOR-ENE TOTAL (UG/L) (34381)	CYCLOPENTADIEN HEXA-CHLORO-UNFLTRD RECOVER (UG/L) (34386)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	INDENO (1,2,3-CD) PYRENE TOTAL (UG/L) (34403)	ISO-PHORONE TOTAL (UG/L) (34408)	N-NITRO-SODI-N-PROPYL-AMINE TOTAL (UG/L) (34428)	N-NITRO-SODI-PHENYL-AMINE TOTAL (UG/L) (34433)	N-NITRO-SODI-METHYL-AMINE TOTAL (UG/L) (34438)	BENZENE NITRO-WATER UNFLTRD RECOVER (UG/L) (34447)	PARA-CHLORO-META CRESOL TOTAL (UG/L) (34452)	PHENAN-THRENE TOTAL (UG/L) (34461)
NOV 28...	<2	<2	<2	<2	<2	<3	M	<2	<3	<3	<2	<3	<2

Date	PYRENE TOTAL (UG/L) (34469)	BENZO-[GHI]-PERY-LENE TOTAL (UG/L) (34521)	BENZO-[A]-ANTHRA-CENE WAT UNF (UG/L) (34526)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	1,2,5,6-DIBENZ-ANTHRA-CENE TOTAL (UG/L) (34556)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	2-CHLORO-NAPH-THALENE TOTAL (UG/L) (34581)	2-CHLORO-PHENOL TOTAL (UG/L) (34586)	2-NITRO-PHENOL TOTAL (UG/L) (34591)	DI-N-OCTYL PHTHAL-ATE TOTAL (UG/L) (34596)	2,4-DI-CHLORO-PHENOL TOTAL (UG/L) (34601)	2,4-DI-METHYL-PHENOL TOTAL (UG/L) (34606)
NOV 28...	<2	<3	<2	<2	<3	<2	<2	<2	<2	<3	<5	<3	<3.0

Date	2,4-DI-NITRO-TOLUENE TOTAL (UG/L) (34611)	2,4,-DI-NITRO-PHENOL TOTAL (UG/L) (34616)	2,4,6-TRI-CHLORO-PHENOL TOTAL (UG/L) (34621)	2,6-DI-NITRO-TOLUENE TOTAL (UG/L) (34626)	3,3'-DI-CHLORO-BENZI-DINE TOTAL (UG/L) (34631)	4-BROMO-PHENYL PHENYL ETHER TOTAL (UG/L) (34636)	4-CHLORO-PHENYL PHENYL ETHER TOTAL (UG/L) (34641)	4-NITRO-PHENOL TOTAL (UG/L) (34646)	4,6-DINITRO-ORTHO-CRESOL TOTAL (UG/L) (34657)	PHENOL UNFILT. WATER (UG/L) (34694)	NAPHTH-ALENE TOTAL (UG/L) (34696)	PENTA-CHLORO-PHENOL TOTAL (UG/L) (39032)	BIS(2-ETHYL HEXYL) PHTHAL-ATE TOTAL (UG/L) (39100)
NOV 28...	<3	<20	<3	<2	<3	<2	<2	<3	<3	<3.0	<5	<4	E1

Date	DI-N-BUTYL PHTHAL-ATE TOTAL (UG/L) (39110)	BENZI-DINE TOTAL (UG/L) (39120)	HEXA-CHLORO-BENZENE TOTAL (UG/L) (39700)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	1,2-DI-PHENYL-HYDRA-ZINE WATER TOT.REC (UG/L) (82626)
NOV 28...	<3	<40	<2	<3	<2

Remark codes used in this report:
- < -- Less than
- E -- Estimated value
- M -- Presence verified, not quantified

Value qualifier codes used in this report:
- c -- See laboratory comment
- k -- Counts outside acceptable range
- l -- Sample lab preparation problem

091325300 OVERBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE, LA

LOCATION.--Lat 30°05'24", long 91°32'53", St. Martin Parish, Hydrologic Unit 08080101, on three-pile platform 14.6 mi north northwest of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to January 1998, April 2001 to current year.

GAGE.--Water-stage recorder. Gage is below recordable stage much of the year. Limited access to site. Datum of gage is to an assumed elevation.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 18.45 ft, June 7, 8, 2002; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.45 ft, June 7, 8; minimum, not determined.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	11.78	13.94	15.87	15.95	18.26	13.23	10.91	---
2	---	---	---	---	12.00	13.77	16.15	15.87	18.26	13.00	10.89	---
3	---	---	---	---	12.32	13.86	16.42	15.83	18.26	12.79	10.90	---
4	---	---	---	---	12.77	13.69	16.66	15.83	18.27	12.60	10.86	---
5	---	---	---	---	13.30	13.49	16.89	15.83	18.28	12.40	10.82	---
6	---	---	---	---	13.87	13.30	17.10	15.82	18.34	12.22	10.80	---
7	---	---	---	---	14.37	13.11	17.26	15.84	18.40	12.06	10.78	---
8	---	---	---	---	14.82	12.95	17.60	15.87	18.45	11.93	10.79	---
9	---	---	---	---	15.26	12.81	17.92	15.89	18.42	11.82	10.82	---
10	---	---	---	---	15.66	12.70	18.04	15.95	18.36	11.72	10.79	---
11	---	---	---	---	16.03	12.59	18.14	16.06	18.18	11.61	10.75	---
12	---	---	---	---	16.30	12.48	18.23	16.17	17.84	11.52	10.73	---
13	---	---	---	---	16.51	12.40	18.28	16.26	17.46	11.46	10.72	---
14	---	---	---	---	16.66	12.31	18.33	16.31	17.15	11.45	10.71	---
15	---	---	---	---	16.73	12.23	18.38	16.35	16.84	11.43	10.71	---
16	---	---	---	13.28	16.69	12.16	18.43	16.40	16.50	11.42	10.70	---
17	---	---	---	13.04	16.55	12.11	18.43	16.49	16.24	11.37	10.71	---
18	---	---	---	12.82	16.34	12.07	18.39	16.60	15.96	11.29	10.73	---
19	---	---	---	12.65	16.08	12.08	18.29	16.62	15.64	11.22	10.71	---
20	---	---	---	12.48	15.82	12.12	18.03	16.67	15.37	11.15	10.71	---
21	---	---	---	12.32	15.60	12.18	17.77	16.76	15.08	11.09	10.79	---
22	---	---	---	12.18	15.36	12.25	17.53	16.89	14.79	11.04	10.84	---
23	---	---	---	12.07	15.13	12.33	17.29	17.06	14.56	11.00	10.91	---
24	---	---	---	11.97	14.89	12.42	17.05	17.23	14.40	10.98	10.99	---
25	---	---	---	11.88	14.67	12.59	16.83	17.39	14.23	11.02	10.96	---
26	---	---	---	11.79	14.50	12.88	16.63	17.54	14.07	11.00	10.94	---
27	---	---	---	11.70	14.34	13.39	16.47	17.71	13.90	10.98	10.92	---
28	---	---	---	11.64	14.14	13.99	16.34	17.89	13.75	10.94	---	---
29	---	---	---	11.58	---	14.56	16.20	18.02	13.62	10.91	---	---
30	---	---	---	11.54	---	15.10	16.06	18.13	13.44	10.89	---	---
31	---	---	---	11.58	---	15.54	---	18.23	---	10.89	---	---
MAX	---	---	---	---	16.73	15.54	18.43	18.23	18.45	13.23	---	---
MIN	---	---	---	---	11.78	12.07	15.87	15.82	13.44	10.89	---	---

091360000 LAKE FAUSSE POINT CUT NEAR LITTLE GONSOLIN BAYOU NEAR CHARENTON, LA

LOCATION.--Lat 30°04'44", long 91°36'00", in sec. 24, T. 11 S., R. 8 E., St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 14.2 mi northwest of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.12 ft below NGVD of 1929 (by levels from U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 17.76 ft, Apr. 4, 1997; minimum recorded, 2.45 ft, Sept. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.62 ft, Apr. 16, 17; minimum gage height, 4.46 ft, Sept. 17, 25, 26.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.54	6.12	6.31	---	9.57	9.73	13.18	13.17	15.43	---	5.30	5.04
2	4.53	6.29	6.50	---	10.04	9.76	13.45	13.10	15.43	---	5.15	5.13
3	4.57	6.52	6.72	---	10.57	9.45	13.72	13.11	15.43	---	5.10	5.45
4	4.63	6.58	7.18	---	10.94	9.02	13.97	13.12	15.44	---	5.26	5.45
5	4.74	6.49	7.82	---	11.28	8.69	14.20	13.12	15.45	---	5.43	5.49
6	4.70	6.48	8.59	---	11.65	8.55	14.39	13.12	15.51	---	5.61	5.63
7	4.54	6.30	9.40	---	12.02	8.50	14.54	13.15	15.57	---	5.62	5.60
8	4.64	6.08	9.89	---	12.33	8.47	14.80	13.17	15.60	---	5.57	5.66
9	4.87	6.00	10.21	---	12.64	8.35	15.12	13.19	15.57	---	5.54	5.62
10	5.19	5.78	10.46	---	12.90	8.11	15.24	13.28	15.51	---	5.42	5.54
11	5.55	5.41	10.65	---	13.08	8.09	15.34	13.39	15.33	---	5.37	5.26
12	5.19	5.25	10.80	---	13.23	8.08	15.43	13.48	14.99	---	5.35	5.13
13	5.98	5.34	10.86	---	13.35	7.88	15.48	13.55	14.63	---	5.22	5.08
14	5.58	5.26	11.02	---	13.37	7.95	15.52	13.61	14.33	---	5.22	5.20
15	5.51	5.19	11.06	9.40	13.23	8.06	15.57	13.65	13.96	---	5.24	5.06
16	5.76	5.16	11.12	9.08	13.01	8.15	15.60	13.70	13.62	---	5.14	---
17	5.67	4.92	11.23	8.69	12.70	8.39	15.61	13.78	13.37	---	5.07	---
18	5.90	4.69	11.29	8.23	12.39	8.58	15.57	13.88	13.01	---	5.14	4.82
19	5.95	4.62	11.39	7.86	12.09	8.66	15.46	13.92	12.67	---	5.12	4.82
20	5.95	4.52	11.53	7.52	11.83	8.85	15.20	13.98	12.42	---	5.10	4.92
21	6.01	4.49	11.77	7.39	11.57	9.03	14.95	14.07	---	---	4.99	4.76
22	6.11	4.58	12.06	7.31	11.29	9.13	14.72	14.20	---	---	4.95	4.79
23	6.44	4.80	12.39	7.30	11.03	9.50	14.47	14.35	---	5.90	4.97	4.67
24	6.72	4.98	12.66	7.29	10.85	10.19	14.22	14.50	---	5.92	4.97	4.69
25	6.78	4.55	12.93	7.27	10.68	10.71	14.01	14.65	---	5.81	4.86	4.67
26	6.55	4.52	13.10	7.33	10.43	11.24	13.82	14.79	---	5.74	---	4.57
27	6.50	4.61	13.26	7.42	10.10	11.62	13.66	14.94	---	5.82	---	5.08
28	6.43	5.30	13.58	7.52	9.82	12.06	13.54	15.11	---	5.69	---	5.66
29	6.35	5.98	13.79	7.79	---	12.43	13.39	15.22	---	5.49	---	5.73
30	6.25	5.94	---	8.24	---	12.70	13.26	15.32	---	5.44	4.93	5.68
31	6.19	---	---	8.92	---	12.95	---	15.40	---	5.38	5.03	---
MAX	6.78	6.58	---	---	13.37	12.95	15.61	15.40	---	---	---	---
MIN	4.53	4.49	---	---	9.57	7.88	13.18	13.10	---	---	---	---

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA

LOCATION.-- Lat. 29°15'19", long 90°47'28", Terrebonne Parish, Hydrologic Unit 08090302, mounted to channel marker #43 (green), approximately 12.0 miles southwest of Dulac.

DRAINAGE AREA.-- Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 2001 to September 2002.

GAGE.-- Water-stage recorder. Datum of gage is assumed.

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.24 ft, Oct. 13, 2001; minimum, 1.95 ft, Jan. 9, 2002.

EXTREMES FOR CURRENT YEAR.--2001 W.Y.: Maximum gage height, 5.72 ft, June 6; minimum gage height, 2.03 ft, Apr. 18.
2002 W.Y.: Maximum gage height, 6.24 ft, Oct. 13; minimum gage height, 1.95 ft, Jan. 9.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							4.11	2.70	3.52	4.34	3.13	3.78
2							4.16	2.98	3.61	4.26	3.57	3.97
3							4.23	3.12	3.78	4.13	3.60	3.85
4							4.18	3.11	3.69	4.02	3.57	3.80
5							4.23	3.31	3.79	4.30	3.38	3.91
6							4.11	3.40	3.78	4.27	3.20	3.92
7							4.08	3.51	3.85	4.21	3.18	3.84
8							4.18	3.37	3.87	4.20	2.96	3.71
9							4.15	3.21	3.85	4.33	2.94	3.80
10							4.26	3.19	3.89	4.33	3.03	3.79
11							4.76	3.38	4.17	4.42	3.11	3.90
12							4.38	3.45	4.01	4.31	3.22	3.82
13							4.38	3.37	3.91	4.25	3.10	3.71
14							4.22	3.03	3.72	3.98	3.03	3.58
15							4.10	3.20	3.71	4.02	3.17	3.64
16				4.01	2.99	3.42	4.13	2.88	3.51	3.88	3.25	3.61
17				---	---	---	4.00	2.78	3.34	3.99	3.53	3.69
18				---	---	---	3.68	2.03	2.88	4.11	3.68	3.85
19				---	---	---	3.74	3.18	3.48	4.04	3.42	3.73
20				---	---	---	3.88	3.28	3.61	4.08	3.45	3.79
21				---	---	---	4.14	3.50	3.86	4.29	3.33	3.94
22				---	---	---	4.18	3.35	3.86	3.98	2.59	3.49
23				---	---	---	4.18	3.28	3.84	4.27	2.58	3.51
24				---	---	---	4.29	2.82	3.74	4.37	2.89	3.72
25				---	---	---	3.86	2.47	3.30	4.19	2.81	3.53
26				---	---	---	3.99	2.69	3.53	4.21	2.64	3.61
27				---	---	---	4.04	2.95	3.58	4.23	2.93	3.64
28				---	---	---	4.07	2.77	3.54	4.25	3.03	3.75
29				4.65	3.76	4.21	4.03	2.91	3.54	3.92	3.02	3.53
30				4.28	3.31	3.90	4.14	3.06	3.67	3.89	3.10	3.44
31				4.22	3.06	3.67	---	---	---	3.91	3.32	3.60
MONTH				---	---	---	4.76	2.03	3.68	4.42	2.58	3.72

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.67	2.83	3.36	4.09	3.14	3.72	3.95	2.63	3.41	4.55	3.32	4.10
2	4.00	2.89	3.54	---	---	---	4.05	2.65	3.52	4.44	3.39	4.06
3	3.98	2.88	3.56	---	---	---	4.38	3.00	3.88	4.24	3.33	3.90
4	4.58	2.97	3.93	---	---	---	4.87	3.47	4.38	4.12	3.43	3.85
5	4.73	3.16	4.11	---	---	---	4.94	4.01	4.47	4.04	3.34	3.71
6	5.72	4.03	4.84	---	---	---	5.06	3.78	4.52	3.97	3.45	3.72
7	5.01	3.81	4.49	---	---	---	4.88	4.07	4.52	4.11	3.75	3.93
8	4.60	3.51	4.04	---	---	---	4.28	3.61	3.99	4.39	3.49	3.96
9	4.49	3.35	3.95	---	---	---	4.17	3.62	3.96	4.49	3.05	3.88
10	5.30	3.05	4.25	---	---	---	3.98	3.57	3.77	4.16	3.19	3.73
11	4.86	3.19	3.95	---	---	---	4.02	3.28	3.68	3.92	2.89	3.51
12	3.99	2.95	3.60	---	---	---	4.22	3.09	3.69	4.28	3.18	3.81
13	4.05	3.38	3.74	---	---	---	4.10	2.68	3.53	4.69	3.63	4.22
14	4.14	3.69	3.87	---	---	---	4.09	2.88	3.54	4.99	3.81	4.50
15	3.91	3.28	3.70	---	---	---	4.28	3.00	3.72	5.02	3.86	4.49
16	3.68	2.82	3.29	---	---	---	4.47	3.13	3.94	4.65	3.66	4.25
17	3.53	2.74	3.15	---	---	---	4.29	2.96	3.79	4.29	3.66	4.03
18	3.80	2.66	3.38	---	---	---	4.43	2.96	3.87	4.58	3.67	4.16
19	4.04	2.65	3.47	4.48	2.86	3.82	4.55	3.15	3.99	4.49	3.75	4.14
20	4.10	2.59	3.48	4.35	2.80	3.72	4.27	3.21	3.85	4.25	3.34	3.85
21	4.12	2.59	3.49	4.26	2.77	3.71	4.18	3.41	3.86	4.59	3.49	4.11
22	4.11	2.62	3.49	4.25	2.88	3.74	4.08	3.55	3.81	4.53	3.66	4.13
23	4.15	2.56	3.45	4.51	3.10	3.95	4.35	3.63	4.01	4.72	3.55	4.20
24	4.06	2.60	3.51	4.45	3.54	4.07	4.21	3.41	3.89	4.65	3.44	4.09
25	4.09	2.86	3.63	4.27	3.79	4.05	4.35	3.18	3.83	3.95	3.27	3.66
26	3.96	3.03	3.55	4.37	3.59	3.97	4.37	3.16	3.86	4.17	3.24	3.72
27	3.88	2.92	3.34	4.28	3.40	3.88	4.24	3.12	3.72	4.15	3.36	3.83
28	3.74	3.02	3.37	4.25	3.23	3.79	4.24	2.90	3.69	4.23	3.44	3.91
29	3.88	3.11	3.52	4.13	3.00	3.71	4.33	3.07	3.84	4.25	3.60	3.96
30	4.12	2.97	3.65	4.17	2.79	3.60	4.52	3.31	3.94	4.34	3.70	4.02
31	---	---	---	4.07	2.72	3.48	4.49	3.32	4.00	---	---	---
MONTH	5.72	2.56	3.69	---	---	---	5.06	2.63	3.89	5.02	2.89	3.98

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.16	3.53	3.90	4.44	3.37	3.93	4.53	3.00	3.81	3.94	2.09	2.89
2	4.00	3.53	3.72	4.57	3.29	3.98	4.45	2.78	3.65	3.60	2.22	2.96
3	4.06	3.39	3.75	4.63	3.34	4.08	4.29	2.74	3.54	3.42	2.19	2.83
4	4.12	3.37	3.82	4.69	3.26	4.03	4.28	2.71	3.55	3.32	2.32	2.80
5	4.38	3.56	4.02	4.52	3.13	3.92	4.39	3.04	3.76	4.20	3.14	3.56
6	4.40	3.31	3.85	4.61	3.22	3.97	4.15	2.95	3.60	4.16	2.44	2.98
7	4.21	3.28	3.83	4.33	3.09	3.78	4.05	3.03	3.58	3.06	2.08	2.55
8	4.46	3.34	3.94	4.49	3.35	4.00	3.97	3.04	3.62	3.03	2.07	2.68
9	4.79	3.77	4.29	4.40	3.10	3.78	3.64	2.78	3.19	3.19	1.95	2.65
10	5.12	4.11	4.66	4.10	3.21	3.67	3.75	3.20	3.54	3.79	2.20	3.02
11	5.51	4.18	4.85	4.01	3.70	3.87	4.12	2.76	3.37	3.76	2.41	3.16
12	5.03	4.37	4.69	4.10	3.39	3.79	4.28	3.13	3.75	3.69	2.21	2.98
13	6.24	4.92	5.57	4.18	3.32	3.81	4.75	3.05	3.82	3.93	2.32	3.11
14	5.25	3.89	4.39	4.35	3.21	3.90	4.75	2.84	3.74	3.98	2.68	3.39
15	4.84	3.97	4.45	4.57	3.18	3.95	4.45	2.75	3.58	3.84	2.16	3.02
16	4.56	3.21	3.90	4.58	3.13	3.88	4.61	3.13	3.93	3.80	2.61	3.26
17	4.22	2.96	3.56	4.23	2.75	3.54	4.73	3.20	3.91	3.63	2.59	3.12
18	4.28	3.16	3.83	4.16	2.60	3.42	4.08	2.76	3.39	3.64	2.77	3.22
19	4.26	2.99	3.72	4.19	2.82	3.51	4.18	2.83	3.55	3.60	2.52	3.30
20	4.45	3.19	3.88	3.95	2.53	3.27	3.66	2.58	2.94	3.57	2.54	3.03
21	4.56	3.16	3.93	4.05	2.98	3.50	3.72	2.99	3.38	3.57	2.97	3.26
22	4.40	3.16	3.86	4.52	3.51	3.92	4.03	3.58	3.80	3.75	2.78	3.29
23	4.58	3.47	4.06	4.67	3.80	4.18	4.03	3.34	3.61	3.82	2.83	3.42
24	4.64	3.79	4.23	4.76	3.92	4.39	3.89	2.86	3.41	4.18	2.76	3.52
25	4.49	3.28	3.90	4.23	3.51	3.81	3.88	3.02	3.52	4.03	2.26	3.08
26	4.00	3.54	3.78	4.23	3.68	3.93	3.57	2.61	3.15	4.00	2.17	3.09
27	4.04	3.28	3.68	4.41	3.53	3.98	3.93	2.14	3.01	4.21	2.28	3.27
28	3.51	3.20	3.38	4.89	3.76	4.27	4.27	2.40	3.44	4.25	2.61	3.47
29	3.58	3.11	3.39	4.99	4.17	4.62	4.23	2.78	3.62	4.19	2.69	3.51
30	4.06	3.19	3.66	4.53	3.00	3.81	4.23	2.38	3.36	4.13	2.78	3.54
31	4.08	3.41	3.81	---	---	---	4.08	2.27	3.25	4.09	3.11	3.67
MONTH	6.24	2.96	4.01	4.99	2.53	3.88	4.75	2.14	3.53	4.25	1.95	3.15

MISSISSIPPI RIVER DELTA

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	4.69	3.26	4.01
2	---	---	---	---	---	---	---	---	---	4.47	3.43	4.05
3	---	---	---	---	---	---	---	---	---	4.56	3.47	4.09
4	---	---	---	---	---	---	---	---	---	4.25	3.37	3.82
5	---	---	---	---	---	---	3.94	2.86	3.40	4.03	3.23	3.71
6	---	---	---	---	---	---	3.92	2.79	3.32	4.21	3.76	3.99
7	---	---	---	---	---	---	4.11	3.29	3.74	4.27	3.93	4.04
8	---	---	---	---	---	---	4.73	3.75	4.23	4.52	3.93	4.25
9	---	---	---	---	---	---	4.71	4.16	4.44	4.45	3.51	4.12
10	---	---	---	---	---	---	4.27	3.67	4.03	4.32	3.49	3.95
11	---	---	---	---	---	---	4.25	3.92	4.08	4.52	3.55	4.13
12	---	---	---	---	---	---	4.36	3.70	4.08	4.78	3.54	4.24
13	---	---	---	---	---	---	4.16	3.47	3.90	4.49	3.16	4.08
14	---	---	---	---	---	---	4.31	3.45	3.95	4.20	2.60	3.50
15	---	---	---	4.33	3.64	3.97	4.36	3.20	3.89	4.40	3.07	3.87
16	---	---	---	4.39	3.91	4.10	4.25	3.14	3.84	---	---	---
17	---	---	---	4.27	3.66	4.06	4.21	3.28	3.85	4.66	3.27	4.01
18	---	---	---	4.34	3.61	4.02	4.18	3.22	3.78	3.87	3.13	3.60
19	---	---	---	4.32	3.61	4.05	4.25	3.05	3.76	4.16	2.43	3.41
20	---	---	---	4.87	3.91	4.45	4.21	3.19	3.76	3.84	2.94	3.35
21	---	---	---	4.40	3.51	3.94	4.30	3.29	3.92	3.83	2.96	3.38
22	---	---	---	4.21	2.69	3.48	4.03	3.24	3.72	3.78	3.01	3.46
23	---	---	---	4.26	3.06	3.66	4.01	3.20	3.67	4.15	3.29	3.83
24	---	---	---	4.47	3.02	3.78	---	---	---	4.14	3.26	3.86
25	---	---	---	4.48	3.42	4.03	4.18	3.23	3.69	4.52	3.25	4.03
26	---	---	---	4.47	3.46	3.92	4.11	3.30	3.84	4.57	3.25	4.09
27	---	---	---	4.12	3.14	3.65	4.80	3.30	4.25	4.77	3.35	4.18
28	---	---	---	---	---	---	4.61	3.35	4.17	4.78	3.41	4.20
29	---	---	---	---	---	---	4.47	3.26	4.00	4.81	3.42	4.21
30	---	---	---	---	---	---	4.50	3.24	4.03	4.88	3.55	4.26
31	---	---	---	---	---	---	---	---	---	4.84	3.61	4.26
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.54	3.60	4.21	4.06	3.38	3.77	4.45	3.14	3.78	4.50	3.28	3.93
2	4.49	3.65	4.13	3.95	3.35	3.69	4.58	2.46	3.75	4.65	3.70	4.19
3	4.40	3.84	4.19	3.86	3.31	3.62	4.15	2.87	3.68	4.99	3.59	4.41
4	4.34	3.88	4.14	3.85	3.16	3.58	4.79	3.16	4.03	5.07	3.70	4.46
5	4.58	4.06	4.34	3.80	2.71	3.38	4.87	3.36	4.15	5.04	3.79	4.54
6	4.39	3.69	4.14	3.82	2.88	3.41	5.04	3.47	4.15	5.03	3.95	4.57
7	4.50	3.50	4.14	4.28	2.90	3.70	4.54	3.23	4.05	5.20	3.95	4.83
8	4.26	3.41	3.92	4.23	2.96	3.76	4.56	3.16	3.99	5.30	4.64	4.96
9	4.45	3.41	4.02	4.47	3.07	3.92	4.74	3.12	4.16	4.95	4.51	4.75
10	5.03	3.44	4.41	4.50	3.04	3.90	4.76	3.71	4.35	4.93	4.27	4.63
11	4.81	3.50	4.29	4.71	3.11	4.05	4.84	3.93	4.50	4.92	3.89	4.48
12	4.83	3.42	4.22	4.59	3.28	4.10	4.65	4.12	4.39	4.81	3.73	4.32
13	4.74	3.40	4.18	4.47	3.26	3.97	4.56	3.99	4.18	4.94	3.86	4.41
14	4.55	3.33	4.08	4.24	3.24	3.79	4.45	3.68	4.15	5.31	4.01	4.68
15	4.60	2.91	3.86	3.94	3.22	3.63	4.71	3.83	4.27	4.73	3.40	4.18
16	4.41	3.41	4.01	3.94	3.16	3.55	4.61	3.47	4.16	4.53	3.50	4.10
17	4.24	3.80	3.99	4.01	3.16	3.58	4.75	3.47	4.18	4.44	3.42	4.01
18	4.14	3.73	3.89	3.75	2.86	3.40	4.63	3.38	4.11	4.49	3.55	4.10
19	4.27	3.70	4.03	3.99	2.84	3.50	4.70	3.26	4.11	4.58	3.68	4.26
20	4.13	3.22	3.85	4.16	2.80	3.58	4.54	3.32	4.06	4.76	3.89	4.39
21	4.27	3.05	3.79	4.18	2.66	3.60	4.64	3.32	4.07	4.66	3.89	4.32
22	4.44	3.20	3.98	---	---	---	4.57	3.39	4.02	4.75	4.27	4.47
23	4.68	3.27	4.13	4.29	2.84	3.77	4.45	3.37	3.97	4.74	4.27	4.49
24	4.73	3.36	4.16	4.38	2.81	3.78	4.35	3.43	3.99	4.75	4.26	4.43
25	4.84	3.36	4.21	4.29	2.93	3.63	4.19	3.54	3.93	5.02	4.13	4.48
26	4.83	3.50	4.23	4.17	3.04	3.70	4.10	3.43	3.83	5.38	4.53	4.88
27	4.90	3.31	4.26	4.16	3.09	3.77	---	---	---	5.00	4.09	4.57
28	4.61	3.44	4.09	3.91	3.26	3.70	---	---	---	5.13	3.91	4.54
29	4.41	3.49	3.98	4.00	3.35	3.79	---	---	---	4.78	3.53	4.20
30	4.25	3.46	3.91	4.12	3.44	3.73	4.29	3.38	3.86	4.90	3.77	4.37
31	---	---	---	3.97	3.23	3.61	4.41	3.22	3.87	---	---	---
MONTH	5.03	2.91	4.09	---	---	---	---	---	---	5.38	3.28	4.43

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2001 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 2001 to September 2002.
WATER TEMPERATURE: March 2001 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 34,700 microsiemens/cm, Nov. 29, 2001; minimum recorded, 754 microsiemens/cm, Jan. 20, 2002.
WATER TEMPERATURE: Maximum, 35.2°C, July 18, 2002; minimum, 4.3°C, Jan. 3, 4, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: 2001 W.Y.: Maximum, 31,400 microsiemens/cm, May 21; minimum, 1,180 microsiemens/cm, June 28.
2002 W.Y.: Maximum, 34,700 microsiemens/cm, Nov. 29; minimum, 754 microsiemens/cm, June 20.
WATER TEMPERATURE: 2001 W.Y.: Maximum, 34.2°C, July 31; minimum, 13.9°C, Mar. 29.
2002 W.Y.: Maximum, 35.2°C, July 18; minimum, 4.3°C, Jan. 3, 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							16600	14100	15400	27200	14900	20200
2							19600	14200	16100	26700	18700	21800
3							19400	9160	14400	25000	20100	23000
4							17400	9750	13500	25800	22200	23500
5							16100	6480	11100	26200	22400	24600
6							13700	6330	9330	29600	20700	26000
7							12700	5560	9020	26800	18300	23500
8							14100	6000	9590	26100	15200	21300
9							15500	5810	10200	26200	13700	21300
10							17900	4920	11400	27000	15800	22500
11							28000	5210	17600	28000	14500	22300
12							26100	13600	19400	27300	16800	22700
13							22300	10400	15800	25600	15700	21300
14							19500	8440	13700	23200	15000	19400
15							19400	9400	14800	23400	11600	17900
16				18000	10300	13600	17500	6580	12200	24200	15100	20500
17				---	---	---	14100	3890	7770	26200	20500	23400
18				---	---	---	12700	3880	6980	26000	24100	25100
19				---	---	---	17600	8220	12300	25500	22600	24300
20				---	---	---	20900	10000	14700	29600	23600	27400
21				---	---	---	22300	12900	18700	31400	26500	29900
22				---	---	---	23800	14900	19900	30000	20100	27200
23				---	---	---	21800	19000	20200	29100	17500	24900
24				---	---	---	22900	14600	19400	30200	24600	28200
25				---	---	---	15800	9970	14300	29800	25400	27800
26				---	---	---	19100	8540	13600	29400	22300	27100
27				---	---	---	18100	7780	13700	29600	24900	28100
28				---	---	---	19300	8530	13400	30100	27000	28900
29				15600	11800	14300	20600	9090	13700	29500	27400	28700
30				16200	14200	14800	24600	11300	16700	29300	26000	27800
31				18400	14200	16100	---	---	---	29200	25600	28000
MONTH				---	---	---	28000	3880	14000	31400	11600	24500

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28400	24600	27100	5990	1490	3930	10800	4800	8710	17100	12900	15700
2	29400	24600	28200	8780	1700	5590	13200	3670	7670	17300	15000	16300
3	29000	28000	28700	9430	2350	6430	17900	3670	11100	17200	14200	15700
4	30700	28000	29000	10300	3440	7410	21700	9460	16600	16900	15000	15800
5	30900	27200	29300	10400	4060	7250	22000	16300	19700	15000	12600	14000
6	30000	24600	28100	9020	3600	5890	22700	18000	20600	11800	7260	9730
7	25300	20700	23500	8490	2630	5660	23200	20000	21700	13500	10700	12300
8	20800	15300	19300	7930	2590	5430	21000	13600	17700	16300	8510	12600
9	17100	9460	13700	8270	2450	5860	16500	13000	14600	13500	4370	9560
10	16000	8740	11400	10100	3380	7230	14500	12800	13500	9680	3340	6590
11	14000	5900	8370	11700	7400	9740	18500	13600	15600	8350	2900	5190
12	6900	5100	6010	11000	7570	9220	20100	13100	16400	12900	3760	8240
13	6460	3850	4880	9410	7090	8770	19200	11300	15400	18400	5840	12300
14	6670	3170	4670	9410	7480	8650	17500	11900	15000	21500	8960	16600
15	4200	2280	2970	9580	7340	8660	17300	12600	15900	21800	13200	17800
16	4690	2640	3500	10300	7090	9000	18000	14100	16500	19500	15900	17500
17	4390	2180	3540	12400	7170	9700	17100	14500	16100	16800	14400	15900
18	5270	1800	3760	11200	7520	9830	17400	14100	16200	19600	13500	15900
19	5580	1720	4170	12600	8350	11100	17700	15300	16700	19600	15700	17600
20	6290	1930	4570	13300	9430	11600	17500	15700	16500	16700	12700	14600
21	7020	2120	4940	13700	9410	11500	16800	14800	15900	18400	14600	16800
22	7230	2660	5330	13700	9010	11000	16000	13700	15200	18500	14600	17000
23	7650	2640	5360	13700	9080	11600	16600	13400	15400	19800	15300	17900
24	8470	2240	5280	15300	11200	13100	16500	10800	14200	19900	14400	17600
25	10200	1430	5400	14800	12000	13800	16800	11500	14600	15100	8110	11400
26	7940	2170	4640	15500	11000	13400	16900	12500	15300	16200	8250	12100
27	3500	1440	1960	13300	8200	10700	16600	11600	14800	16900	8580	14300
28	2190	1180	1570	12200	6980	9570	16000	9500	14000	18500	11700	15900
29	3560	1480	2160	11500	7070	9550	16000	9420	13400	19800	13800	17400
30	5070	1490	3540	12100	7160	9930	16000	10500	13900	22200	15600	17900
31	---	---	---	11600	6590	9530	16100	11400	14700	---	---	---
MONTH	30900	1180	10800	15500	1490	9050	23200	3670	15300	22200	2900	14300

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19700	16800	18500	28000	20600	23700	30100	23800	27300	15100	4110	7420
2	18400	16700	17500	28500	21700	25300	29300	23000	26400	9860	3070	5870
3	20800	17300	18300	28400	23000	26100	28200	21600	25300	8850	5080	6820
4	21900	18300	20000	28600	24200	26400	27800	19700	24600	9280	3500	6310
5	23300	19700	21600	28300	25000	26400	28100	20500	25300	11800	5830	8360
6	23800	18400	20800	28600	26000	27100	27800	16700	22800	12600	5000	7000
7	21200	18000	19100	28400	25700	27100	27100	15500	21100	9040	5300	6330
8	22800	19100	20900	29300	26900	28000	25100	12100	19900	9400	5110	7290
9	25500	20500	22600	29900	25600	28000	17300	10500	12500	9080	4120	6770
10	28500	21100	25500	28600	23300	26500	21500	12100	16800	9430	3320	6710
11	29200	23000	26600	28200	24500	26900	23100	12100	15500	9490	5540	8030
12	26500	22900	24600	27900	22400	25500	24800	13700	19100	9330	5550	7570
13	33300	23200	29500	30600	21100	25100	27800	17600	22700	9080	4580	7390
14	27900	23000	24400	31000	21200	25300	28400	19500	23300	9420	6280	8370
15	27000	22800	23800	32300	23800	27600	25000	15100	20200	9440	3820	7090
16	25300	22200	23300	32200	25400	28400	27300	18600	23300	8850	5050	7350
17	23200	20500	21700	29700	24800	27000	29200	21400	25000	8830	2890	6010
18	25000	18700	22300	29300	24300	26800	23500	13700	18300	8430	2610	5820
19	24500	16600	20800	29300	25000	27600	24700	17400	21400	9820	4860	7720
20	24700	18200	22100	29200	22500	26400	18900	11000	14800	6630	2870	4230
21	24200	17600	21500	28800	20800	25800	21900	11400	16100	6830	2790	4810
22	23100	16900	20700	32200	27400	29500	23800	13500	20900	10200	3660	6190
23	24900	19100	22400	31600	26400	28600	22900	12700	16900	14300	6990	10600
24	26300	21600	24200	30900	28800	30200	18100	9820	13400	17300	7080	12700
25	26700	17800	22900	29700	21900	24300	18600	11100	14900	16700	7520	10700
26	21200	12400	17300	26600	22700	24600	18400	10200	14400	12900	4620	8490
27	23100	11500	15800	28800	23000	25800	20200	9040	14000	14900	6850	10800
28	14800	9960	12400	33500	27700	30000	20800	11700	16700	16300	9990	13400
29	16300	10300	13300	34700	28600	31800	20100	13400	17500	17400	11500	14900
30	23300	14200	17900	30700	24500	27500	20200	8120	14600	19200	11200	15600
31	25700	20400	22400	---	---	---	18000	5480	11700	22400	11700	17100
MONTH	33300	9960	21100	34700	20600	27000	30100	5480	19200	22400	2610	8510

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18000	8570	11100	---	---	---	18300	8880	13900	19000	11100	15400
2	10900	6910	8050	---	---	---	24500	5780	15000	18700	13800	16500
3	12300	8900	10700	---	---	---	21600	10000	16300	18700	13100	16300
4	9080	5540	6660	---	---	---	15000	6890	11100	16500	8390	12800
5	10800	3240	5030	---	---	---	13800	4120	8220	10500	3820	6880
6	16900	10800	14100	---	---	---	17600	5010	9220	11900	4410	7060
7	15500	10100	13600	---	---	---	24500	5430	12100	7760	3610	5700
8	14700	11800	13900	---	---	---	25200	18300	22400	20200	7520	14300
9	15900	12500	14400	---	---	---	18700	15700	17000	16000	3370	10500
10	15900	9400	14000	---	---	---	17400	12100	14200	12600	2550	6150
11	14500	5280	9660	---	---	---	13800	7810	11300	19000	2550	11000
12	14400	8560	11500	---	---	---	11200	6500	8790	22000	4600	14400
13	---	---	---	---	---	---	10000	6220	7470	20800	6190	13300
14	---	---	---	---	---	---	13200	5630	10000	9540	3950	6300
15	---	---	---	19400	13400	17600	13100	6830	10000	15900	3520	9770
16	---	---	---	19100	13300	16600	15900	5580	9230	---	---	---
17	---	---	---	20200	12300	15800	12600	4130	7900	18000	6080	12100
18	---	---	---	18000	8350	14700	11800	3320	7330	13200	5270	8030
19	---	---	---	21600	7350	13700	13000	2870	7390	11000	2780	5880
20	---	---	---	24100	11900	18100	12800	3060	7820	10600	3620	7020
21	---	---	---	22700	12200	16000	14000	4080	9570	9290	3490	5820
22	---	---	---	15700	7580	11100	12100	4180	8720	7360	3090	5040
23	---	---	---	17300	8670	13400	12100	2940	7190	12000	4760	8210
24	---	---	---	20300	11200	16100	9310	3690	6660	12800	8180	10400
25	---	---	---	22800	14700	19600	9920	1200	5020	16300	9180	12600
26	---	---	---	23200	12900	17600	9230	1240	5450	16300	9710	13400
27	---	---	---	15800	9290	12800	17200	1840	10900	18800	10200	14600
28	---	---	---	17600	12700	15200	16900	11200	14900	19100	10900	15200
29	---	---	---	18400	12900	16600	15900	8450	12800	19000	11400	15600
30	---	---	---	23000	14800	19400	17500	8800	13800	18800	13100	16500
31	---	---	---	24600	14100	20300	---	---	---	18400	12600	15700
MONTH	---	---	---	---	---	---	25200	1200	10700	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15600	9150	12700	5930	2100	3510	13000	9250	11300	18000	10500	14500
2	15100	6220	9800	4460	2060	2850	12700	8500	10800	21300	12600	17100
3	14800	5760	9430	4560	1740	2640	13400	8170	11400	22400	15500	19600
4	8760	5530	6730	6100	2040	4390	14900	7860	11700	23000	16700	19900
5	14700	5730	10000	7210	2310	4570	14600	7950	12600	22900	17100	20000
6	11400	6320	8780	6330	2310	4300	14900	11900	13800	22300	18200	20800
7	15500	5090	10900	8130	2420	5460	15500	12100	14200	24700	19000	21600
8	14800	5090	10700	11400	3020	6540	15900	12400	14400	22700	18400	20500
9	12500	2890	8470	12100	3340	8150	20000	12500	15500	22400	19500	21200
10	19900	2700	11100	12100	5640	9290	21800	12700	16400	22500	20500	21700
11	16900	5930	10700	13200	6660	10500	20200	14500	17500	22200	21000	21700
12	16000	4250	9800	13900	9140	11900	18000	16100	17100	21900	20600	21500
13	14300	5040	10100	14400	9900	12200	18100	16200	17400	22600	21000	21500
14	14600	5540	10500	13900	10100	11900	17500	15500	16700	23000	21200	22000
15	13800	4970	9520	12700	10300	11500	18600	15700	17300	22100	20700	21400
16	13800	7320	10900	12000	8260	10200	18400	14800	16900	21100	20400	20900
17	12300	2800	7560	12200	8890	10300	18800	14900	17000	21300	18700	20600
18	3820	1360	2330	13100	6400	10400	19400	15000	17300	21400	18700	20600
19	9020	1040	4520	13700	7660	10700	19400	15000	17600	23100	19400	21500
20	5530	754	2630	14300	8820	12000	19700	14500	17500	23400	20900	22500
21	7410	940	3280	14200	9220	12300	18600	14000	16600	23600	21200	22300
22	10900	1220	5330	---	---	---	18100	13300	16100	23100	19000	21300
23	11300	2080	7060	14500	11300	13600	17300	11700	14600	25200	18500	21100
24	11700	4470	9060	14900	10400	13800	16500	10700	14100	26600	22600	24800
25	13200	6200	10200	14700	11400	13300	16800	11900	14500	26200	23800	25300
26	14300	7390	10900	14000	10900	13000	16400	11100	13500	25200	21300	23200
27	14300	7020	10900	14000	11300	13000	---	---	---	23900	21700	22900
28	12600	7520	10400	13600	12400	13100	---	---	---	23000	18900	21400
29	10500	4590	7850	13600	11500	12900	---	---	---	21800	13500	18400
30	7170	2580	4130	13800	11100	12500	15100	8960	12000	20700	13900	18000
31	---	---	---	12500	9390	10900	17300	10000	13200	---	---	---
MONTH	19900	754	8540	---	---	---	---	---	---	26600	10500	21000

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							21.8	19.4	20.6	24.5	22.6	23.5
2							23.3	20.2	21.5	25.7	22.9	24.1
3							25.0	21.3	23.1	25.8	23.7	24.7
4							26.1	23.3	24.6	25.8	24.0	24.8
5							26.1	23.8	25.0	25.2	24.0	24.6
6							25.6	23.8	24.8	26.2	24.0	25.0
7							25.7	23.9	24.8	26.6	24.7	25.6
8							26.1	24.6	25.4	27.3	25.1	26.0
9							27.9	25.3	26.3	27.3	25.3	26.1
10							28.1	25.8	26.7	27.4	25.5	26.2
11							26.8	25.4	26.0	27.3	25.6	26.4
12							27.8	25.3	26.4	27.9	25.7	26.8
13							28.3	26.0	27.0	28.6	26.4	27.5
14							28.9	26.4	27.5	29.1	26.9	27.8
15							28.8	26.9	27.8	29.5	27.1	28.3
16				20.3	18.0	19.3	28.3	26.8	27.6	28.9	26.9	27.9
17				---	---	---	26.9	22.6	25.0	28.4	26.1	27.5
18				---	---	---	22.6	17.6	19.5	28.9	26.8	27.6
19				---	---	---	21.2	17.7	19.4	29.2	26.4	27.7
20				---	---	---	22.8	19.2	21.1	28.2	27.0	27.5
21				---	---	---	25.3	22.1	23.4	28.0	26.1	27.0
22				---	---	---	25.0	22.9	24.1	27.3	25.7	26.6
23				---	---	---	25.7	23.6	24.7	26.9	24.0	25.3
24				---	---	---	25.5	22.8	24.7	27.9	24.2	25.9
25				---	---	---	22.8	21.1	21.9	27.5	25.7	26.6
26				---	---	---	23.2	20.6	21.7	28.7	26.4	27.5
27				---	---	---	24.0	21.4	22.2	29.4	26.9	27.9
28				---	---	---	23.9	22.1	22.7	28.4	27.2	27.8
29				16.6	13.9	15.1	24.0	21.8	22.7	30.1	26.8	28.3
30				17.9	15.8	16.7	24.4	22.2	23.0	31.3	28.3	29.3
31				20.6	17.9	19.0	---	---	---	29.8	28.5	29.1
MONTH				---	---	---	28.9	17.6	24.0	31.3	22.6	26.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.3	27.8	29.3	32.4	29.2	30.6	33.3	31.1	32.1	29.7	28.2	28.9
2	31.7	28.5	29.9	31.4	29.7	30.1	31.4	30.0	30.6	30.0	28.4	29.1
3	31.3	29.0	30.0	32.4	28.8	30.3	30.7	28.9	29.6	31.2	29.1	29.9
4	30.4	28.2	29.4	32.2	30.0	31.1	30.9	28.8	29.7	32.0	29.8	30.9
5	29.4	26.9	28.1	30.9	29.6	30.3	30.8	29.6	30.3	32.5	30.6	31.3
6	26.9	25.1	25.8	29.7	28.4	29.1	31.0	29.5	30.1	31.9	30.5	31.2
7	26.1	25.0	25.5	31.7	28.1	29.4	30.6	29.6	30.0	32.1	30.7	31.4
8	26.4	25.8	26.1	31.6	29.7	30.6	29.7	28.4	29.1	31.2	28.7	29.5
9	26.1	25.5	25.8	32.3	29.9	31.1	29.9	28.1	28.7	29.1	28.1	28.7
10	25.5	24.3	24.8	32.0	30.4	31.3	30.4	28.6	29.4	30.2	27.7	28.9
11	27.3	23.9	25.4	31.4	30.2	30.7	30.0	28.8	29.4	31.0	28.8	29.9
12	29.4	26.8	27.9	30.5	29.0	29.8	29.4	28.3	29.0	30.6	29.1	29.8
13	29.5	27.4	28.5	30.2	28.3	29.2	29.0	27.5	28.4	29.8	28.3	29.2
14	29.0	27.9	28.5	30.5	29.0	29.7	29.7	26.8	28.1	29.2	27.6	28.4
15	29.7	27.3	28.5	32.5	28.8	30.4	31.0	28.5	29.5	29.6	27.5	28.5
16	32.0	29.0	30.1	31.8	29.7	30.8	30.4	28.9	29.6	29.7	28.2	28.9
17	31.6	29.4	30.4	32.5	29.7	31.1	31.0	28.9	29.9	29.7	28.4	29.2
18	31.8	29.4	30.5	32.3	30.2	31.3	31.4	29.3	30.4	29.3	28.5	28.9
19	31.0	29.3	30.1	32.9	30.0	31.3	31.6	29.6	30.6	29.7	28.0	28.8
20	32.0	28.8	30.2	32.0	30.4	31.2	30.8	29.9	30.3	30.5	28.6	29.5
21	31.5	29.7	30.5	31.6	29.9	30.7	31.4	29.4	30.2	30.5	29.5	30.2
22	30.3	28.7	29.6	31.4	29.3	30.1	32.1	30.5	31.2	30.8	29.5	30.0
23	30.0	28.7	29.2	31.1	29.7	30.4	31.5	30.3	31.0	30.0	29.2	29.6
24	29.7	28.1	28.7	31.8	30.2	30.7	31.8	30.4	31.0	29.8	28.2	29.0
25	29.8	27.9	28.6	30.9	28.8	30.0	32.9	30.0	31.3	28.6	25.6	26.6
26	29.6	28.3	28.8	28.8	28.0	28.4	31.8	30.5	31.2	26.0	23.2	24.4
27	28.9	27.7	28.5	30.3	27.7	28.7	31.3	30.3	30.6	24.4	22.6	23.6
28	30.8	27.6	28.9	31.8	28.5	30.0	30.9	29.2	30.0	24.4	22.5	23.5
29	31.2	28.6	29.8	32.6	29.4	30.9	30.3	27.5	28.8	24.6	22.6	23.5
30	30.9	29.0	29.9	33.2	29.9	31.5	28.1	27.2	27.6	24.5	23.0	23.9
31	---	---	---	34.2	30.6	32.4	29.3	27.4	28.3	---	---	---
MONTH	32.0	23.9	28.6	34.2	27.7	30.4	33.3	26.8	29.9	32.5	22.5	28.5

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.8	23.0	23.8	22.0	19.6	20.8	18.3	16.7	17.5	9.9	6.6	8.2
2	24.9	23.3	24.1	23.4	21.5	22.5	18.2	17.0	17.8	6.8	5.5	6.2
3	25.5	23.9	24.7	23.9	22.5	23.3	19.0	17.4	18.3	6.6	4.3	5.3
4	25.5	24.4	25.2	23.5	22.4	23.0	20.3	18.4	19.4	6.5	4.3	5.4
5	26.5	25.2	25.7	22.6	20.5	21.3	21.8	19.8	20.8	8.0	5.9	6.9
6	26.5	24.0	25.6	21.5	19.8	20.7	22.3	20.9	21.6	10.4	7.9	9.2
7	24.1	21.9	23.0	22.0	20.3	21.2	22.7	21.4	22.1	9.8	8.1	9.2
8	24.4	21.7	23.0	22.7	21.0	21.7	23.3	21.2	22.3	9.6	7.6	8.6
9	25.2	23.3	24.2	22.9	21.4	22.1	21.4	18.8	19.8	11.6	8.1	9.7
10	25.1	24.7	24.9	22.5	20.9	21.8	18.8	17.4	18.0	13.2	10.2	11.7
11	25.9	24.5	25.1	22.9	21.3	22.1	17.5	17.0	17.3	15.1	12.8	13.7
12	26.4	25.0	25.7	22.7	21.6	22.2	19.8	17.3	18.4	14.9	14.2	14.7
13	26.2	24.5	25.6	22.4	21.1	21.6	21.6	19.7	20.5	14.2	13.0	13.6
14	24.6	22.4	23.1	21.6	20.5	21.2	21.2	19.8	20.2	14.4	13.8	14.0
15	24.1	22.6	23.3	21.7	20.3	21.1	20.0	18.5	19.3	14.1	12.3	13.2
16	23.8	21.3	22.8	21.3	20.2	20.8	21.9	19.9	20.7	14.3	12.5	13.5
17	21.3	18.6	19.5	21.1	19.3	20.3	21.9	21.2	21.6	15.7	13.6	14.4
18	19.9	17.7	19.0	21.2	19.8	20.6	21.2	18.3	19.4	17.4	15.4	16.2
19	21.4	18.8	20.1	22.3	20.4	21.4	19.4	17.3	18.5	20.1	17.4	18.5
20	23.0	20.8	21.8	21.8	19.7	20.4	17.3	15.0	16.0	17.8	14.7	15.4
21	24.6	22.2	23.3	19.7	17.6	18.4	15.8	14.1	15.3	16.6	14.8	15.7
22	26.2	23.9	24.9	18.3	17.4	17.9	17.9	15.1	16.3	18.8	16.0	17.2
23	27.3	25.0	26.0	19.8	17.9	18.8	17.7	16.1	17.3	21.0	18.4	19.6
24	27.9	25.9	26.8	21.9	19.8	20.9	16.2	14.3	15.0	22.8	20.5	21.5
25	27.2	24.5	25.9	21.5	20.4	20.8	14.3	11.9	12.9	22.1	18.0	19.4
26	24.5	21.9	22.8	22.4	20.5	21.4	12.3	10.5	11.2	18.2	15.0	16.4
27	21.9	19.8	20.9	23.3	22.0	22.6	11.6	9.1	10.4	18.0	15.7	16.7
28	20.1	17.8	18.7	24.1	23.0	23.5	12.8	10.7	11.5	20.0	17.8	18.7
29	19.0	17.5	18.1	23.8	19.9	22.3	14.1	12.0	12.9	22.1	19.8	20.9
30	19.5	17.8	18.6	19.9	16.7	18.0	13.7	11.5	12.3	23.4	21.7	22.4
31	20.1	18.2	19.2	---	---	---	12.4	9.9	10.6	24.1	22.1	23.2
MONTH	27.9	17.5	23.1	24.1	16.7	21.2	23.3	9.1	17.3	24.1	4.3	14.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23.7	15.6	19.2	---	---	---	24.1	21.8	22.7	28.3	26.2	27.1
2	15.6	13.3	14.2	---	---	---	24.0	21.0	22.6	28.4	26.5	27.3
3	15.4	14.1	14.8	---	---	---	25.2	23.2	24.2	28.6	27.0	27.7
4	15.2	13.8	14.6	---	---	---	23.5	19.1	20.8	29.5	27.1	28.2
5	13.9	11.7	12.7	---	---	---	19.9	16.9	18.4	30.5	27.7	28.9
6	11.7	10.5	11.4	---	---	---	19.0	16.9	18.0	29.5	27.7	28.5
7	11.2	9.0	10.1	---	---	---	20.8	17.2	19.0	29.7	27.3	28.2
8	11.0	9.1	10.0	---	---	---	21.8	20.3	21.0	29.2	27.3	28.3
9	13.0	9.8	11.0	---	---	---	22.1	19.7	20.7	30.0	27.3	28.6
10	14.7	12.3	13.4	---	---	---	22.7	20.8	21.6	30.4	28.0	29.3
11	13.9	11.5	12.6	---	---	---	22.7	21.4	22.1	30.2	27.8	28.8
12	14.0	11.3	12.5	---	---	---	23.5	21.3	22.1	29.6	27.4	28.3
13	---	---	---	---	---	---	24.1	22.1	22.8	29.1	26.3	28.0
14	---	---	---	---	---	---	25.5	23.0	23.9	26.3	23.0	23.8
15	---	---	---	22.9	18.7	20.5	26.4	24.0	25.1	25.6	22.9	24.0
16	---	---	---	25.0	22.0	23.3	26.7	25.0	25.6	---	---	---
17	---	---	---	25.7	23.4	24.5	27.4	24.7	25.8	27.5	26.0	26.6
18	---	---	---	26.5	24.3	25.1	27.7	24.9	26.2	26.0	22.1	24.5
19	---	---	---	26.6	23.8	25.0	28.0	25.2	26.6	22.1	19.7	21.1
20	---	---	---	25.5	24.4	24.9	28.3	25.5	26.9	22.2	19.7	20.8
21	---	---	---	24.6	20.4	22.6	28.0	25.8	27.0	23.1	20.9	21.8
22	---	---	---	20.4	16.6	18.0	28.7	25.9	27.3	24.0	21.8	22.6
23	---	---	---	18.1	15.0	16.8	28.6	26.4	27.5	24.6	22.0	23.2
24	---	---	---	19.3	16.4	17.8	28.3	26.5	27.5	25.8	23.5	24.6
25	---	---	---	21.9	18.5	20.0	29.1	26.6	27.6	27.9	24.8	26.1
26	---	---	---	23.2	21.4	22.1	29.1	27.3	28.1	29.0	26.0	27.2
27	---	---	---	21.6	18.9	20.5	28.4	26.9	27.7	29.3	26.7	27.8
28	---	---	---	21.8	20.1	20.9	28.4	26.6	27.5	29.1	27.1	27.9
29	---	---	---	23.7	21.4	22.5	29.3	27.0	28.0	29.4	27.5	28.4
30	---	---	---	25.0	23.0	23.8	28.5	27.1	27.8	28.8	27.4	28.1
31	---	---	---	25.6	23.6	24.4	---	---	---	28.9	27.2	28.0
MONTH	---	---	---	---	---	---	29.3	16.9	24.4	---	---	---

291519090472700 LOWER BAYOU GRAND CAILLOU SOUTH OF DULAC, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.6	27.5	28.4	31.8	29.6	30.5	29.7	28.6	29.2	30.2	29.0	29.6
2	30.9	27.8	29.0	30.9	30.2	30.6	31.3	28.3	29.7	29.6	28.3	28.7
3	30.8	28.4	29.3	31.4	29.8	30.4	31.0	28.7	30.0	28.4	27.4	27.7
4	31.5	28.8	29.7	32.4	29.5	30.7	30.7	29.1	29.9	27.6	26.6	27.0
5	30.0	28.5	29.1	32.2	30.0	31.2	31.1	28.5	29.6	26.6	26.3	26.5
6	29.9	27.9	28.9	31.9	30.1	31.0	30.0	28.7	29.4	26.7	26.3	26.5
7	31.9	28.7	30.0	32.5	29.8	31.1	32.2	28.8	30.2	26.5	25.4	25.9
8	32.4	29.6	30.9	32.0	30.1	31.0	32.3	30.4	31.4	25.5	24.9	25.3
9	32.0	29.4	30.9	31.4	29.6	30.5	31.7	29.4	30.8	27.0	25.4	26.1
10	30.0	28.8	29.3	31.4	29.8	30.5	29.4	28.2	28.5	28.3	26.7	27.4
11	30.2	28.1	28.9	32.9	30.0	31.1	28.2	27.3	27.6	30.3	27.6	28.8
12	31.6	28.4	29.5	31.9	30.6	31.3	28.1	27.1	27.5	30.8	28.9	29.8
13	31.3	29.3	30.1	31.6	30.1	30.8	28.1	26.7	27.6	30.4	29.3	29.9
14	31.3	29.4	30.4	31.2	29.6	30.4	27.9	27.5	27.7	31.0	29.0	29.9
15	30.5	28.7	29.6	31.6	29.7	30.5	28.8	26.9	27.8	30.6	29.5	30.1
16	29.3	28.2	28.7	32.9	30.3	31.4	30.9	28.0	29.3	31.0	29.0	30.1
17	29.2	27.3	28.1	34.5	31.2	32.7	32.2	29.2	30.7	30.7	29.1	30.0
18	30.0	27.0	28.4	35.2	31.4	33.1	32.7	30.1	31.5	31.4	29.0	30.1
19	29.6	28.2	29.1	34.9	31.9	33.3	32.3	30.6	31.4	30.7	29.0	29.8
20	30.4	28.9	29.6	34.5	32.5	33.5	31.3	30.2	30.6	30.8	29.1	29.8
21	30.3	28.7	29.5	34.5	32.2	33.1	32.0	29.3	30.3	31.3	29.6	30.4
22	29.6	28.2	28.7	---	---	---	30.9	29.5	30.3	30.9	29.6	30.4
23	28.3	26.8	27.4	32.5	29.9	31.0	30.9	29.7	30.3	29.6	27.8	28.4
24	29.5	26.8	27.9	31.9	30.5	31.3	31.2	29.9	30.4	27.9	24.7	26.4
25	30.3	27.7	28.8	30.8	29.0	29.9	31.7	30.3	30.9	24.7	24.1	24.4
26	29.3	27.7	28.5	30.9	28.4	29.4	32.2	30.5	31.0	24.3	23.4	23.7
27	28.6	27.5	27.9	32.2	29.6	30.7	---	---	---	25.5	23.1	24.2
28	28.9	27.1	28.0	32.9	30.5	31.6	---	---	---	27.4	24.9	26.0
29	30.4	27.9	28.9	32.1	30.2	31.1	---	---	---	28.4	26.0	27.1
30	31.1	29.0	29.7	30.3	29.6	29.9	31.2	29.6	30.5	29.4	27.1	28.2
31	---	---	---	29.6	28.9	29.2	30.8	29.3	30.2	---	---	---
MONTH	32.4	26.8	29.1	---	---	---	---	---	---	31.4	23.1	27.9

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA

LOCATION.--Lat 29°19'28", long 89°56'25", Jefferson Parish, Hydrologic Unit 08090301, on a three pile platform, 2.0 miles east of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 2001 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 4.60 ft, Sep. 14, 2002; minimum gage height recorded, 1.40 ft, Mar. 5, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.60 ft, Sept. 14; minimum gage height, 1.40 ft, Mar. 5.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1										3.76	2.01	2.75
2										3.67	2.03	2.72
3										3.51	1.85	2.46
4										2.89	1.93	2.41
5							4.15	2.73	3.39	4.05	2.77	3.25
6							3.91	2.69	3.29	3.22	2.33	2.60
7							3.84	2.79	3.30	2.48	1.90	2.20
8							3.74	3.14	3.43	2.64	1.63	2.15
9							3.32	2.77	3.09	2.97	1.61	2.29
10							3.46	3.03	3.24	3.54	1.85	2.67
11							3.91	2.60	3.24	3.39	1.96	2.67
12							4.03	2.76	3.38	3.46	1.95	2.69
13							4.30	2.76	3.50	3.59	1.93	2.67
14							4.13	2.56	3.29	3.58	2.32	2.94
15							4.29	2.56	3.36	3.44	1.93	2.54
16							4.54	2.75	3.56	3.12	2.10	2.57
17							4.47	2.80	3.52	3.09	2.14	2.56
18							3.90	2.54	3.14	3.04	2.30	2.66
19							3.94	2.64	3.14	3.01	2.05	2.69
20							3.36	2.23	2.64	2.97	2.36	2.60
21							3.39	2.62	3.00	2.94	2.36	2.65
22							3.81	3.23	3.45	3.13	2.27	2.72
23							3.81	3.00	3.38	3.35	2.29	2.86
24							3.50	2.92	3.14	3.69	2.27	3.00
25							3.55	2.95	3.25	3.13	1.71	2.52
26							3.27	2.45	2.89	3.39	1.85	2.59
27							3.65	2.03	2.81	3.72	1.86	2.75
28							4.11	2.44	3.22	3.65	2.00	2.78
29							4.06	2.48	3.27	3.63	2.14	2.86
30							3.85	2.14	2.99	3.63	2.26	2.90
31							3.76	2.02	2.94	3.63	2.48	2.99
MONTH							---	---	---	4.05	1.61	2.67

MISSISSIPPI RIVER DELTA

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.49	1.94	2.37	4.19	3.08	3.42	3.70	2.54	3.13	3.86	2.31	3.14
2	2.56	2.17	2.36	4.11	3.20	3.81	4.05	2.54	3.38	3.83	2.53	3.24
3	2.78	2.16	2.59	3.20	2.03	2.76	3.92	2.54	3.33	3.84	2.72	3.24
4	2.68	2.01	2.31	2.60	1.52	2.15	3.48	2.33	2.94	3.47	2.64	3.04
5	3.39	1.98	2.73	2.76	1.40	2.15	3.32	2.10	2.77	3.27	2.52	2.98
6	3.62	2.68	3.08	2.98	1.73	2.38	3.40	2.25	2.89	3.48	3.01	3.25
7	3.11	1.80	2.48	3.42	2.01	2.76	3.60	2.64	3.20	3.45	3.06	3.27
8	3.22	1.80	2.51	3.73	2.27	3.01	4.30	3.20	3.61	3.66	3.26	3.47
9	3.41	1.90	2.65	---	---	---	3.83	3.32	3.55	3.70	3.02	3.40
10	3.33	2.15	2.71	3.07	2.04	2.70	3.57	3.13	3.33	3.60	2.86	3.25
11	3.00	1.54	2.26	3.60	2.17	2.82	3.58	3.26	3.43	3.78	2.80	3.33
12	2.95	1.97	2.46	3.59	2.85	3.19	3.68	3.04	3.41	4.06	2.72	3.41
13	2.92	1.90	2.44	3.25	2.73	2.95	3.52	2.86	3.24	3.82	2.04	3.19
14	2.91	1.89	2.35	3.39	2.87	3.10	3.75	2.67	3.28	3.61	2.03	2.87
15	2.99	2.49	2.74	3.40	3.22	3.29	3.67	2.51	3.14	3.83	2.33	3.09
16	2.95	2.29	2.56	3.63	3.02	3.35	3.69	2.51	3.15	3.92	2.37	3.22
17	2.60	2.38	2.49	3.54	2.93	3.25	3.74	2.52	3.17	3.88	2.42	3.20
18	3.05	2.43	2.77	3.65	2.75	3.26	3.66	2.45	3.08	3.42	2.09	2.92
19	3.71	2.69	3.28	3.82	2.75	3.35	3.73	2.38	3.10	3.52	1.89	2.84
20	3.98	3.13	3.57	4.13	2.76	3.58	3.64	2.46	3.10	3.23	2.39	2.89
21	3.84	2.78	3.30	3.51	1.96	2.94	3.73	2.65	3.26	3.16	2.51	2.88
22	3.59	2.35	2.97	3.37	1.98	2.68	3.54	2.46	3.07	3.11	2.56	2.88
23	3.48	1.93	2.74	3.56	2.17	2.89	3.43	2.76	3.15	3.34	2.67	3.02
24	3.53	2.05	2.79	3.87	2.29	3.12	3.34	2.93	3.12	3.66	2.57	3.15
25	3.72	2.08	2.89	3.99	2.76	3.41	3.32	2.79	3.02	3.91	2.57	3.27
26	3.46	2.06	2.72	3.65	2.97	3.37	3.55	2.61	3.16	4.05	2.58	3.35
27	2.99	1.43	2.17	3.61	2.60	3.08	4.04	2.83	3.44	4.18	2.57	3.43
28	3.21	1.97	2.49	3.58	2.98	3.17	4.05	2.51	3.39	4.15	2.59	3.42
29	---	---	---	3.55	2.87	3.28	3.94	2.43	3.24	4.21	2.66	3.50
30	---	---	---	3.70	3.10	3.42	3.86	2.34	3.16	4.26	2.81	3.56
31	---	---	---	3.96	2.58	3.44	---	---	---	4.11	2.88	3.54
MONTH	3.98	1.43	2.67	---	---	---	4.30	2.10	3.21	4.26	1.89	3.20

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.81	2.98	3.42	3.33	2.82	3.06	3.29	2.59	2.99	3.63	2.62	3.13
2	3.69	3.04	3.36	3.18	2.87	3.04	3.32	2.66	3.00	3.88	2.79	3.35
3	3.66	3.06	3.40	3.19	2.74	2.95	3.63	2.68	3.08	4.02	2.73	3.38
4	3.52	3.26	3.39	3.26	2.61	2.93	4.10	2.79	3.43	4.16	2.81	3.48
5	3.92	3.48	3.68	3.19	2.31	2.77	4.10	2.67	3.26	4.10	2.91	3.49
6	3.81	3.16	3.49	3.35	2.40	2.88	4.13	2.64	3.43	4.01	3.02	3.51
7	3.87	2.87	3.39	3.68	2.33	3.04	4.20	2.56	3.42	4.51	3.24	3.94
8	4.00	2.66	3.35	3.85	2.69	3.33	3.98	2.58	3.29	4.16	3.59	3.85
9	3.94	2.86	3.36	4.01	2.46	3.34	4.28	2.87	3.63	3.91	3.55	3.72
10	4.52	2.99	3.72	4.06	2.49	3.34	4.33	3.21	3.81	3.91	3.31	3.59
11	4.28	2.71	3.54	4.23	2.59	3.43	---	---	---	3.88	2.79	3.37
12	4.26	2.58	3.48	4.26	2.69	3.44	---	---	---	3.85	2.89	3.38
13	4.10	2.60	3.40	3.98	2.69	3.34	3.74	3.30	3.47	4.27	3.12	3.67
14	3.94	2.54	3.27	3.58	2.65	3.09	3.83	2.99	3.41	4.60	3.02	3.70
15	3.79	2.46	3.16	3.18	2.66	2.94	4.04	3.10	3.56	3.86	2.43	3.14
16	3.66	2.53	3.17	3.09	2.68	2.95	4.06	2.65	3.40	3.71	2.56	3.13
17	3.57	2.76	3.28	3.22	2.62	2.98	3.82	2.56	3.20	3.58	2.61	3.10
18	3.51	3.19	3.38	3.17	2.44	2.83	3.79	2.52	3.17	3.56	2.66	3.11
19	3.70	3.09	3.40	3.48	2.24	2.90	3.77	2.50	3.16	3.58	2.93	3.24
20	3.62	2.77	3.25	3.62	2.21	2.96	3.73	2.54	3.16	3.66	2.99	3.33
21	3.73	2.54	3.19	---	---	---	3.70	2.58	3.15	3.62	3.01	3.38
22	4.12	2.74	3.43	3.71	2.14	2.99	3.63	2.57	3.12	3.85	2.98	3.44
23	4.23	2.68	3.49	3.68	2.22	2.98	3.50	2.68	3.08	3.90	3.19	3.47
24	4.22	2.61	3.47	3.77	2.02	3.05	3.42	2.69	3.11	3.88	3.36	3.65
25	4.28	2.68	3.50	3.72	2.29	3.02	3.29	2.72	3.06	---	---	---
26	4.07	2.59	3.37	3.55	2.54	3.03	3.16	2.93	3.04	---	---	---
27	4.03	2.59	3.37	3.59	2.57	3.11	3.20	2.87	2.98	---	---	---
28	3.90	2.59	3.30	3.32	2.69	3.06	3.21	2.72	2.94	---	---	---
29	3.70	2.74	3.25	3.46	2.92	3.18	3.22	2.54	2.91	---	---	---
30	3.53	2.83	3.19	3.27	2.85	3.09	3.35	2.57	2.97	---	---	---
31	---	---	---	3.19	2.72	2.97	3.50	2.49	3.00	---	---	---
MONTH	4.52	2.46	3.38	---	---	---	---	---	---	---	---	---

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2001 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 2001 to September 2002.
WATER TEMPERATURES: December 2001 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Record rated excellent, except for the periods Dec.6-9, Mar. 4-May 7, and July 1, which are rated good; Dec. 10-13 which is rated fair, and Dec. 14-23 is rated poor. WATER TEMPERATURE: Record rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 42,200 microsiemens/cm, July 25, 2002; minimum, 14,100 microsiemens/cm, May 13, 2002.
WATER TEMPERATURES: Maximum, 37.5°C, Sept. 13, 2002; minimum, 5.4°C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 42,200 microsiemens/cm, July 25; minimum, 14,100 microsiemens/cm, May 13.
WATER TEMPERATURE: Maximum, 37.5°C, Sept. 13; minimum, 5.4°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5							40800	38800	39700	---	---	---
6							40800	38200	39700	---	---	---
7							40300	39000	39700	---	---	---
8							39500	36900	38400	---	---	---
9							37500	34900	36400	---	---	---
10							37300	36700	37000	---	---	---
11							38200	33000	35500	---	---	---
12							39200	37000	38300	---	---	---
13							38800	36000	37600	---	---	---
14							38000	35700	36400	---	---	---
15							37200	34700	35500	---	---	---
16							35100	33200	34600	32900	26900	29600
17							34100	33000	33600	32200	26500	29200
18							33700	29200	31600	32300	26400	29400
19							32300	25400	30000	29200	24400	26900
20							36400	22200	26000	34100	24100	28200
21							38800	27600	33800	34900	28000	31200
22							38700	35600	37600	36700	26600	31800
23							37500	30200	33500	36700	30100	33900
24							---	---	---	34800	31900	33300
25							---	---	---	34000	29100	31700
26							---	---	---	33200	24500	29800
27							---	---	---	34500	22700	30500
28							---	---	---	34600	25400	31300
29							---	---	---	34300	29300	31700
30							---	---	---	33500	30500	31900
31							---	---	---	32700	30600	32000
MONTH							---	---	---	---	---	---

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	33200	21700	25900	37400	35600	36100	26800	25200	25600	29500	15900	23300
2	34000	21200	26500	37300	35300	36300	25500	24600	24900	25100	17900	20900
3	34600	25700	31600	35800	32900	34900	24700	22300	24400	19600	17500	18400
4	32500	17700	25400	33000	25400	31300	22300	19100	20500	19600	18000	18500
5	40600	28500	33400	30800	19800	25900	19100	17400	18200	20500	17200	19700
6	40500	33500	38500	30600	22600	27700	18600	16400	17200	17700	15300	16900
7	37500	28200	33000	32100	28200	30200	19100	18500	18900	21000	14700	17400
8	37400	28400	33900	32100	30500	31200	19000	17900	18600	19600	15300	16700
9	37300	28400	33500	---	---	---	17900	17800	17900	21400	16000	18300
10	36500	30100	33000	32700	25000	28900	17900	17800	17900	20100	15600	17800
11	33800	26100	29600	37400	30900	33500	18000	17800	17900	17100	14900	15900
12	34400	23400	29300	38100	32800	35800	17900	17700	17800	24900	14300	17900
13	33600	25300	28700	33700	31500	32400	17700	17500	17600	21900	14100	17400
14	33700	28600	30400	34800	32100	33400	17500	16800	17200	39200	16900	26900
15	35600	32800	34100	39500	34000	37200	16900	15600	16100	39300	21400	32700
16	36000	32000	33500	37500	31700	35300	25600	15100	18900	37300	29000	34200
17	33400	28800	30300	34300	28500	31900	20100	15800	18000	37400	31100	34600
18	34000	29500	32600	34700	25900	31100	16900	15800	16500	34100	22600	29700
19	34000	19400	26800	27900	23800	25500	15900	15500	15700	35600	18100	27900
20	24900	20900	23800	28800	22000	25300	15500	14600	15200	37300	30200	34200
21	26200	23600	25000	28100	22700	25200	17800	14600	16100	37300	30600	34500
22	26700	24200	25200	22700	20900	21300	19600	17600	18700	39900	31400	34700
23	31100	24300	26700	23900	20900	22200	19700	18700	19200	41700	34300	38600
24	32700	24800	27500	25400	22600	23800	19500	17700	18600	41500	34100	38700
25	32600	25600	28200	27400	25300	26000	19600	15800	18200	39500	34600	36700
26	31600	26000	28100	26600	25700	26100	16400	15900	16100	36800	31900	34300
27	33000	21500	25400	26800	25900	26600	16300	15500	15900	34200	30700	32300
28	35700	31800	34100	25900	25600	25700	16100	15400	15700	32500	30300	31100
29	---	---	---	25800	25600	25700	16000	15600	15700	31600	29900	30600
30	---	---	---	25800	25700	25800	18400	15800	16600	30800	28800	29900
31	---	---	---	26800	25400	25800	---	---	---	30400	29600	30100
MONTH	40600	17700	29800	---	---	---	26800	14600	18200	41700	14100	26800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29900	24400	28900	20100	18400	19100	32300	23400	27900	---	---	---
2	28700	25700	27700	20400	19600	20100	37100	26500	31000	---	---	---
3	28600	25900	27100	19800	18800	19500	39300	28100	32400	---	---	---
4	28600	22700	27700	21100	17300	18900	41000	31600	37200	---	---	---
5	24500	14600	17400	23200	16900	19000	40200	32400	37300	---	---	---
6	26300	18900	22500	24800	17300	20600	40300	33900	37900	---	---	---
7	26400	22300	24400	24100	18000	21800	41000	34500	38700	---	---	---
8	26000	23900	24900	23800	18000	22100	41000	32600	37700	---	---	---
9	26000	22500	24300	22900	20600	22200	40500	32400	37400	---	---	---
10	24700	21200	22500	23200	21300	22200	40200	34600	38100	---	---	---
11	22100	16400	19200	24300	21300	22500	---	---	---	---	---	---
12	21600	18600	19900	27000	21200	23700	---	---	---	---	---	---
13	22400	20000	20700	32500	20800	25400	36900	32600	34800	---	---	---
14	22200	20900	21600	36800	21200	25100	35000	28100	31100	---	---	---
15	29700	21400	24700	39800	20300	26700	33900	29200	31800	---	---	---
16	31900	22800	27500	31500	20000	22800	---	---	---	---	---	---
17	28100	24800	26200	29900	18800	24600	---	---	---	---	---	---
18	25600	21900	24600	35200	18900	26200	---	---	---	---	---	---
19	24000	20900	23000	37500	20800	30200	---	---	---	---	---	---
20	23400	21100	22500	36400	20000	31600	---	---	---	---	---	---
21	22600	19700	21900	---	---	---	---	---	---	---	---	---
22	22200	18300	20500	38600	25100	33700	---	---	---	---	---	---
23	21700	19400	20300	39500	29100	34700	---	---	---	---	---	---
24	23200	19300	21500	40800	29400	35800	---	---	---	---	---	---
25	26400	20400	22900	42200	29500	35400	---	---	---	---	---	---
26	25800	20600	23100	39800	28800	34700	---	---	---	---	---	---
27	26900	20100	23300	38300	28600	34300	---	---	---	---	---	---
28	25000	20500	22300	34400	30600	32800	---	---	---	---	---	---
29	22700	19700	20900	33500	30700	32300	---	---	---	---	---	---
30	19700	19400	19900	30700	27600	29600	---	---	---	---	---	---
31	---	---	---	31000	25900	29100	---	---	---	---	---	---
MONTH	31900	14600	23100	---	---	---	---	---	---	---	---	---

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1										13.6	9.0	10.4
2										11.4	7.6	8.6
3										10.9	6.0	7.4
4										12.1	5.4	8.0
5							21.1	19.5	20.2	13.5	9.3	11.5
6							21.7	20.1	20.8	12.6	9.6	10.5
7							21.9	20.8	21.4	15.4	8.2	10.2
8							22.8	21.2	21.8	14.1	7.3	10.5
9							22.1	20.1	20.6	16.1	8.4	12.7
10							20.1	19.3	19.7	15.7	12.2	14.4
11							19.3	18.4	18.9	15.4	13.3	14.5
12							20.0	18.7	19.3	15.2	14.0	14.4
13							21.0	19.5	20.1	15.2	12.9	13.9
14							20.6	19.9	20.3	14.8	14.0	14.3
15							20.2	19.3	19.7	14.5	12.8	13.7
16							20.7	19.8	20.2	14.7	13.3	13.9
17							20.9	20.4	20.6	15.0	13.8	14.4
18							20.4	19.3	19.7	16.3	14.5	15.1
19							19.7	17.8	19.1	17.4	15.5	16.6
20							18.7	16.1	16.9	16.0	15.4	15.7
21							19.4	16.1	17.4	16.7	15.7	16.1
22							19.8	17.8	18.9	17.4	16.3	16.7
23							19.5	16.7	18.3	18.5	17.3	17.8
24							16.7	15.0	15.8	19.3	18.3	19.0
25							15.4	13.9	14.8	19.5	17.8	18.6
26							13.9	11.8	12.8	17.8	16.6	17.2
27							17.8	10.7	13.5	17.4	16.8	17.1
28							17.5	12.4	14.9	18.1	17.1	17.6
29							17.4	13.3	15.0	19.8	18.0	18.7
30							15.3	12.9	14.1	21.1	19.0	19.9
31							14.9	11.9	12.9	21.8	19.8	20.8
MONTH							---	---	---	21.8	5.4	14.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	21.1	18.0	19.7	16.0	14.0	15.2	22.0	21.5	21.7	27.2	26.3	26.7
2	18.0	16.0	16.9	16.0	15.4	15.7	21.9	21.4	21.5	27.8	26.4	26.9
3	17.4	15.5	16.6	16.0	11.3	14.0	22.9	21.9	22.2	28.1	26.9	27.4
4	17.1	14.7	15.7	11.3	9.0	10.2	22.5	21.3	22.0	28.6	27.1	27.8
5	15.8	13.8	14.6	12.8	7.9	10.5	21.3	20.2	20.5	28.5	27.8	28.1
6	16.2	13.7	15.3	13.3	10.1	11.9	20.3	19.5	19.8	28.4	27.6	27.9
7	14.9	11.9	13.4	15.3	12.2	13.9	20.1	19.4	19.7	28.9	27.5	28.3
8	14.5	11.0	12.8	17.1	15.0	16.0	21.4	20.1	20.6	28.7	27.5	28.2
9	15.0	11.7	13.4	---	---	---	21.0	20.5	20.6	28.9	27.6	28.2
10	15.2	13.3	14.3	18.0	14.4	16.0	21.0	20.4	20.6	29.1	27.7	28.5
11	14.5	12.4	13.2	16.7	15.2	16.0	21.7	21.0	21.4	28.9	27.3	28.2
12	14.5	11.8	13.1	17.4	16.3	16.9	22.4	21.4	21.7	28.6	27.5	28.1
13	14.4	12.7	13.4	17.1	16.4	16.6	22.3	22.0	22.2	28.9	26.9	28.0
14	14.3	12.6	13.4	17.7	16.3	17.0	23.2	22.1	22.5	26.9	24.7	25.4
15	14.8	13.7	14.2	19.3	17.7	18.5	24.4	22.9	23.4	26.0	24.0	25.1
16	15.4	14.2	14.8	19.7	18.8	19.2	24.9	23.7	24.2	26.5	24.3	25.4
17	15.1	14.5	14.7	21.5	19.7	20.3	25.5	24.5	24.8	27.1	25.5	26.4
18	16.4	14.9	15.8	22.4	21.1	21.6	26.2	25.2	25.6	26.2	23.4	25.2
19	17.2	16.2	16.6	22.8	22.0	22.5	26.4	25.5	26.0	24.2	21.7	22.9
20	18.2	16.8	17.3	23.5	22.4	22.9	26.8	26.1	26.5	22.7	21.5	22.2
21	18.3	17.2	17.7	23.4	21.7	22.5	27.0	26.1	26.4	23.3	21.1	22.3
22	18.1	16.1	17.2	21.7	19.5	20.5	27.5	25.9	26.6	23.4	21.9	22.5
23	16.5	14.6	15.5	19.5	18.4	18.8	27.2	26.4	26.8	24.3	22.1	23.1
24	17.1	14.3	15.4	19.1	18.1	18.6	27.5	26.4	26.8	24.9	23.5	24.1
25	17.4	15.6	16.5	19.7	18.9	19.2	27.5	26.7	26.9	26.3	24.6	25.3
26	17.4	15.6	16.7	20.3	19.4	20.0	27.3	26.8	27.0	26.9	25.4	26.0
27	15.8	12.0	13.5	20.3	19.8	20.0	27.5	26.9	27.1	27.6	26.0	26.6
28	15.8	12.8	14.2	20.1	19.8	19.9	27.3	26.7	26.9	28.1	26.5	27.2
29	---	---	---	21.0	20.1	20.4	27.4	26.9	27.1	28.3	27.2	27.6
30	---	---	---	21.3	21.0	21.2	27.1	26.4	26.7	28.1	27.3	27.8
31	---	---	---	22.0	21.3	21.5	---	---	---	28.8	27.1	27.8
MONTH	21.1	11.0	15.2	---	---	---	27.5	19.4	23.9	29.1	21.1	26.3

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.8	27.6	28.2	30.6	29.2	29.8	30.1	29.4	29.7	29.8	28.8	29.4
2	29.3	28.0	28.6	30.9	29.7	30.2	30.0	29.2	29.6	29.4	28.6	28.9
3	30.2	28.4	29.1	30.9	30.1	30.4	30.7	29.6	30.2	29.1	28.3	28.8
4	30.4	29.2	29.5	31.4	30.0	30.8	30.3	29.0	29.7	28.6	27.5	28.1
5	30.1	28.9	29.5	31.1	30.2	30.7	29.9	29.0	29.5	29.4	27.5	28.8
6	29.0	28.6	28.8	31.4	30.1	30.7	30.0	29.0	29.4	29.9	27.2	28.6
7	30.0	28.8	29.2	31.3	30.2	30.8	30.6	29.1	30.0	29.1	27.0	27.7
8	30.1	28.8	29.5	31.2	29.4	30.7	31.7	29.8	30.7	29.2	28.5	28.9
9	30.1	29.0	29.7	31.4	29.4	30.4	30.7	28.4	29.8	30.8	26.5	29.1
10	29.6	28.6	29.1	31.3	30.3	30.7	29.6	27.6	28.6	31.5	30.2	30.8
11	29.5	28.4	28.9	31.7	29.9	30.7	---	---	---	32.8	28.8	31.0
12	30.1	28.5	29.1	31.4	30.7	31.0	---	---	---	33.9	28.3	30.7
13	30.8	29.3	29.8	30.8	30.1	30.4	28.6	27.7	28.2	37.5	33.1	35.2
14	31.0	29.4	30.0	30.3	29.4	29.7	28.5	28.0	28.2	36.9	31.0	33.0
15	30.1	28.4	29.1	30.5	29.0	29.6	29.1	28.1	28.5	35.3	30.0	33.6
16	29.1	28.0	28.5	31.1	29.4	29.9	29.9	28.8	29.3	33.0	30.9	31.6
17	28.8	27.3	28.0	31.2	30.1	30.6	31.0	29.5	30.2	32.9	31.5	32.0
18	28.8	27.5	28.1	32.6	30.7	31.4	31.1	30.1	30.6	35.0	31.6	33.4
19	28.7	27.9	28.1	32.2	31.2	31.6	31.4	30.6	30.9	34.9	32.7	33.5
20	29.1	28.0	28.5	32.9	31.9	32.3	31.5	30.8	31.2	35.6	33.7	34.8
21	29.2	28.2	28.6	---	---	---	32.0	30.9	31.3	35.4	29.3	32.0
22	28.7	27.5	28.2	32.4	30.9	31.8	31.8	30.7	31.2	30.4	29.6	29.9
23	28.5	27.4	27.9	32.2	30.6	31.3	31.9	30.3	31.1	29.6	28.4	28.8
24	29.1	27.4	28.1	32.5	30.8	31.8	32.9	30.4	31.4	28.6	26.3	27.4
25	29.2	27.8	28.5	32.4	30.3	31.3	32.4	30.6	31.3	---	---	---
26	29.1	27.9	28.6	32.2	29.8	30.8	31.7	30.5	31.1	---	---	---
27	29.2	27.6	28.3	32.2	30.0	31.1	31.4	30.4	30.9	---	---	---
28	29.5	27.9	28.6	32.0	30.3	31.0	31.2	30.6	31.0	---	---	---
29	30.0	28.2	28.9	31.8	30.6	31.0	31.3	30.1	30.7	---	---	---
30	30.3	28.5	29.3	30.6	29.5	30.0	30.7	29.5	30.0	---	---	---
31	---	---	---	30.4	29.1	29.6	30.8	29.5	30.0	---	---	---
MONTH	31.0	27.3	28.8	---	---	---	---	---	---	---	---	---

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA

LOCATION.--Lat 29°28'00", long 90°06'00", T. 19 S., R. 22 E., Jefferson Parish, Hydrologic Unit 08090301, located on a 4 ft x 4 ft platform, east of Galliano.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is -4.65 ft NAVD 88.

REMARKS.--Stage affected by tide. Satellite telemetry at station. Data for the period Aug. 24, 2001 to Sept. 30, 2001 available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 8.78 ft, Sept. 26, 2002; minimum gage height reccorded, 3.68 ft, Feb.27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.78 ft, Sept. 26; minimum gage height, 3.68 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.36	5.05	5.26	5.76	5.05	5.35	5.85	5.09	5.43	5.29	4.47	4.81
2	5.26	5.06	5.17	5.83	5.21	5.50	5.72	4.89	5.24	5.04	4.17	4.56
3	5.41	5.08	5.24	5.90	5.32	5.58	5.53	4.79	5.12	4.64	3.82	4.20
4	5.48	5.09	5.27	5.92	5.18	5.51	5.50	4.78	5.12	4.48	4.01	4.25
5	5.66	5.20	5.42	5.85	5.13	5.48	5.57	4.91	5.23	5.52	4.45	4.91
6	5.76	5.19	5.46	5.79	5.03	5.38	5.48	4.87	5.17	5.32	4.35	4.65
7	5.59	5.00	5.30	5.65	5.03	5.35	5.42	4.89	5.15	4.45	3.95	4.15
8	5.60	5.08	5.37	5.72	5.15	5.44	5.39	5.08	5.23	4.38	3.84	4.11
9	5.92	5.57	5.76	5.68	5.05	5.37	5.13	4.61	4.83	4.62	3.84	4.17
10	6.28	5.69	6.01	5.48	4.98	5.25	5.09	4.76	4.91	5.02	4.06	4.45
11	6.51	5.91	6.23	5.48	5.20	5.36	5.40	4.63	4.95	5.02	4.25	4.61
12	6.46	6.06	6.34	5.50	5.10	5.29	5.52	4.82	5.14	5.01	4.28	4.58
13	7.41	6.37	6.79	5.70	5.06	5.32	5.69	4.88	5.26	5.02	4.21	4.59
14	6.78	5.70	6.11	5.71	5.16	5.44	5.70	4.90	5.27	5.16	4.52	4.84
15	6.27	5.70	6.01	5.72	5.11	5.40	5.59	4.89	5.21	5.10	4.29	4.66
16	6.05	5.23	5.61	5.75	5.00	5.31	5.69	5.00	5.35	4.97	4.44	4.70
17	5.56	4.98	5.21	5.48	4.72	5.06	5.89	5.08	5.43	4.94	4.42	4.69
18	5.56	4.96	5.24	5.37	4.59	4.95	5.44	4.74	5.05	5.03	4.57	4.79
19	5.57	4.88	5.22	5.36	4.67	5.00	5.45	4.62	5.00	5.03	4.44	4.79
20	5.60	4.99	5.30	5.27	4.58	4.91	4.71	4.21	4.42	4.90	4.40	4.59
21	5.69	5.05	5.36	5.21	4.69	4.97	4.93	4.57	4.75	4.91	4.57	4.74
22	5.69	5.07	5.38	5.47	5.04	5.27	5.56	4.90	5.20	5.08	4.47	4.74
23	5.80	5.23	5.52	5.83	5.32	5.57	5.58	4.91	5.25	5.26	4.62	4.95
24	5.93	5.30	5.63	5.91	5.68	5.77	5.10	4.70	4.87	5.70	4.67	5.01
25	5.92	5.17	5.56	5.74	5.31	5.46	5.22	4.80	4.98	5.50	4.60	4.91
26	5.56	5.03	5.31	5.54	5.36	5.42	5.07	4.52	4.72	5.06	4.26	4.63
27	5.32	4.78	5.09	5.82	5.26	5.48	5.06	4.15	4.53	5.29	4.36	4.78
28	5.10	4.78	4.93	6.00	5.43	5.66	5.43	4.46	4.90	5.32	4.49	4.89
29	4.99	4.77	4.86	6.21	5.77	5.94	5.53	4.71	5.09	5.32	4.59	4.97
30	5.36	4.82	5.06	5.85	5.19	5.52	5.52	4.62	4.99	5.40	4.71	5.07
31	5.42	5.08	5.23	---	---	---	5.33	4.53	4.92	5.45	4.90	5.19
MONTH	7.41	4.77	5.49	6.21	4.58	5.38	5.89	4.15	5.06	5.70	3.82	4.68

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.65	4.36	4.91	5.91	4.70	5.23	5.45	4.91	5.15	5.79	5.00	5.41
2	4.50	4.24	4.35	5.91	5.60	5.77	5.59	4.83	5.23	5.91	5.23	5.60
3	4.76	4.42	4.61	5.67	4.51	5.03	5.65	4.98	5.28	5.92	5.41	5.66
4	4.59	4.20	4.39	4.51	4.02	4.23	5.24	4.72	4.99	5.72	5.31	5.52
5	5.21	4.20	4.64	4.58	3.76	4.17	5.03	4.38	4.72	5.59	5.17	5.38
6	5.21	4.72	4.98	4.77	4.00	4.39	5.12	4.45	4.77	5.69	5.39	5.53
7	4.86	4.12	4.50	5.12	4.27	4.66	5.39	4.77	5.01	5.64	5.42	5.55
8	4.90	4.10	4.45	5.37	4.54	4.90	6.21	5.14	5.55	5.87	5.60	5.73
9	5.10	4.24	4.63	5.37	4.90	5.13	6.01	5.58	5.72	5.85	5.44	5.71
10	5.10	4.37	4.75	5.12	4.34	4.63	5.58	5.32	5.44	5.77	5.36	5.57
11	4.97	4.00	4.36	5.27	4.48	4.79	5.68	5.47	5.57	5.88	5.38	5.63
12	4.76	4.13	4.45	5.37	4.94	5.11	5.73	5.35	5.62	6.05	5.40	5.73
13	4.79	4.18	4.47	5.00	4.63	4.80	5.53	5.12	5.36	5.84	5.17	5.59
14	4.82	4.24	4.48	5.28	4.94	5.07	5.63	5.10	5.39	5.56	4.92	5.18
15	4.89	4.60	4.73	5.33	5.20	5.25	5.59	5.07	5.34	5.63	4.85	5.26
16	4.90	4.44	4.63	5.39	5.20	5.32	5.66	5.04	5.36	---	---	---
17	4.63	4.40	4.51	5.33	5.08	5.24	5.66	5.11	5.38	5.86	5.07	5.43
18	5.05	4.47	4.77	5.48	5.06	5.29	5.59	5.01	5.30	5.45	4.85	5.17
19	5.62	4.93	5.20	5.57	5.05	5.33	5.59	4.93	5.28	5.32	4.49	4.88
20	5.75	5.35	5.55	5.79	5.32	5.58	5.57	4.97	5.29	5.20	4.67	4.98
21	5.61	5.09	5.36	5.49	4.84	5.15	5.61	5.06	5.35	5.21	4.75	5.02
22	5.40	4.84	5.09	5.01	4.35	4.67	5.52	5.01	5.28	5.21	4.80	5.05
23	5.09	4.38	4.73	5.15	4.33	4.72	5.54	5.07	5.30	5.40	5.05	5.24
24	5.19	4.40	4.77	5.49	4.56	4.95	5.54	5.20	5.33	5.59	5.07	5.34
25	5.35	4.56	4.92	5.61	4.99	5.31	5.48	5.04	5.23	5.75	5.09	5.47
26	5.37	4.48	4.82	5.61	5.08	5.23	5.53	5.00	5.31	5.84	5.13	5.52
27	4.51	3.68	4.06	5.17	4.62	4.89	5.86	5.01	5.50	5.92	5.16	5.56
28	4.70	4.14	4.40	5.21	4.89	5.03	5.95	5.29	5.66	5.91	5.17	5.55
29	---	---	---	5.33	4.95	5.19	5.82	5.20	5.49	5.93	5.20	5.59
30	---	---	---	5.49	4.99	5.33	5.73	5.05	5.41	5.96	5.33	5.64
31	---	---	---	5.69	5.15	5.42	---	---	---	5.98	5.37	5.68
MONTH	5.75	3.68	4.70	5.91	3.76	5.03	6.21	4.38	5.32	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.84	5.41	5.64	5.55	5.21	5.36	5.24	4.87	5.06	5.87	5.32	5.62
2	5.71	5.38	5.54	5.35	5.15	5.24	5.26	4.78	5.03	6.05	5.44	5.78
3	5.70	5.35	5.55	5.28	4.93	5.12	5.44	4.94	5.20	6.23	5.55	5.91
4	5.70	5.49	5.57	5.29	4.83	5.06	5.80	5.11	5.48	6.36	5.56	5.97
5	6.02	5.69	5.88	5.22	4.64	4.94	5.71	4.98	5.36	6.28	5.64	5.96
6	5.86	5.44	5.70	5.23	4.68	4.99	5.79	4.99	5.44	6.28	5.63	5.97
7	5.81	5.29	5.57	5.47	4.79	5.16	---	---	---	6.85	5.86	6.39
8	5.82	5.24	5.55	5.62	4.79	5.30	5.76	5.09	5.40	6.68	6.25	6.44
9	5.86	5.23	5.57	5.77	5.05	5.43	6.06	5.17	5.70	6.45	6.19	6.31
10	6.19	5.40	5.85	5.80	5.02	5.41	6.19	5.51	5.86	6.47	6.06	6.24
11	6.15	5.45	5.81	5.85	5.04	5.47	6.32	5.68	6.02	6.37	5.76	6.05
12	6.05	5.40	5.71	5.87	5.14	5.49	6.02	5.76	5.87	6.27	5.68	5.97
13	5.95	5.31	5.62	5.72	5.12	5.42	5.93	5.54	5.71	6.34	5.87	6.11
14	5.80	5.21	5.49	5.48	5.08	5.25	5.87	5.35	5.61	6.63	5.77	6.18
15	5.67	4.96	5.31	5.33	4.97	5.15	5.94	5.50	5.72	6.18	5.36	5.81
16	5.58	4.92	5.29	5.22	4.98	5.09	6.05	5.47	5.79	6.03	5.36	5.72
17	5.97	5.13	5.46	5.27	4.82	5.05	6.12	5.43	5.79	5.95	5.36	5.67
18	5.68	5.41	5.58	5.14	4.67	4.93	6.31	5.36	5.73	5.94	5.39	5.66
19	5.81	5.45	5.66	5.28	4.58	4.96	6.00	5.32	5.68	6.00	5.45	5.79
20	5.76	5.26	5.52	5.35	4.56	4.99	5.97	5.33	5.66	6.13	5.72	5.93
21	5.72	5.10	5.45	5.37	4.56	5.00	6.02	5.34	5.65	6.09	5.70	5.92
22	5.88	5.13	5.54	5.46	4.57	5.10	5.91	5.32	5.65	6.39	5.98	6.09
23	5.93	5.18	5.58	5.46	4.70	5.08	5.92	5.36	5.59	6.45	6.05	6.20
24	5.96	5.27	5.63	5.50	4.51	5.11	5.78	5.35	5.58	6.87	6.37	6.58
25	6.03	5.26	5.68	5.61	4.73	5.13	5.83	5.34	5.51	8.27	6.79	7.17
26	5.96	5.30	5.63	5.43	4.82	5.14	5.59	5.34	5.44	8.78	6.99	7.67
27	5.94	5.27	5.62	5.48	4.90	5.20	5.48	5.28	5.37	7.17	6.21	6.72
28	5.86	5.34	5.60	5.43	4.98	5.22	5.55	5.20	5.36	7.08	5.94	6.51
29	5.78	5.33	5.54	5.40	5.13	5.29	5.50	5.06	5.33	6.66	5.74	6.14
30	5.66	5.32	5.47	5.35	5.00	5.20	5.65	5.21	5.43	6.45	5.81	6.12
31	---	---	---	5.27	4.86	5.06	5.77	5.21	5.50	---	---	---
MONTH	6.19	4.92	5.59	5.87	4.51	5.17	---	---	---	8.78	5.32	6.15

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2001 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 2001 to current year.
WATER TEMPERATURE: August 2001 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--Stage affected by wind and tide. Specific Conductance record rated excellent except Oct. 1-Nov. 13, Jan. 16-Apr. 28, and Aug. 30-Sept. 30 record was rated good. Apr. 29-May 8 record rated fair. Water Temperature record rated good. Data for the period Aug. 24, 2001 to Sept. 30, 2001 available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 40,700 microsiemens/cm, Oct. 13, 2001; minimum, 1,580 microsiemens/cm, Feb. 7, 2002.
WATER TEMPERATURE: Maximum, 33.4°C, July 17, 2002; minimum, 4.0°C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 40,700 microsiemens/cm, Oct. 13; minimum, 1,580 microsiemens/cm, Feb. 7.
WATER TEMPERATURE: Maximum, 33.4°C, July 17; minimum, 4.0°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11300	6470	8820	16600	11800	14100	26100	18400	21900	5770	3500	4830
2	8850	6310	7020	23600	16600	19300	20700	14600	17800	5210	2650	3600
3	14500	7330	9700	26000	17300	20500	17700	13700	15200	2700	1990	2260
4	16000	10900	13300	26600	15700	19100	16500	13700	14900	2210	1990	2090
5	18400	12400	15600	22900	14100	17600	19200	15100	16500	5520	2060	3670
6	22100	12900	16300	23700	13000	18700	17200	13200	15600	5520	2360	3360
7	15400	10800	13300	21500	13400	17400	16200	12100	14700	2470	2060	2200
8	17800	12500	14600	24000	14800	19300	16000	12300	14000	2120	1980	2040
9	26100	16600	22300	22400	13900	18600	12300	9920	11000	2050	1760	1930
10	34800	26000	30800	16000	11600	14200	10700	9270	9860	2500	1710	1940
11	38000	29000	35400	16200	11700	13900	13000	8890	10100	2870	1970	2270
12	38400	33700	35200	18400	11900	13600	16100	12300	13400	2910	1890	2300
13	40700	35800	38500	20900	14500	17800	18200	14100	16600	2560	1980	2100
14	37500	29400	35000	25600	18300	22300	18500	13700	15400	5520	2560	4040
15	29800	25700	27900	27500	20700	23200	15400	11700	13800	4330	2160	2900
16	29300	18100	24000	27600	19200	22600	18200	15300	16700	2680	2230	2460
17	20000	13200	15600	21700	12200	17000	20500	15300	18000	2900	2360	2520
18	16500	10900	13000	18300	11800	14600	16100	8060	10900	3050	2480	2700
19	13700	9720	11900	17700	11800	13900	9880	7690	8580	4090	2460	3390
20	13000	10200	11400	13000	9740	11100	8580	5110	6730	2860	2400	2650
21	14500	10100	11700	12600	10100	10800	6790	5460	5880	2730	2550	2630
22	14400	10600	12000	21900	12600	18300	12500	6790	9620	3990	2330	2840
23	16800	10700	14100	26800	20100	23100	14900	8440	11400	7180	2890	4250
24	18000	13300	16100	31300	23500	27700	8710	5800	6970	8790	6300	7700
25	17800	12700	15300	27300	18400	23900	6210	4940	5640	8570	2400	4670
26	13300	8650	11700	23000	19700	21300	5550	3480	4370	3670	2100	2560
27	9670	6990	8120	25800	20700	22800	4750	3280	3750	4300	2240	2760
28	8660	5910	6990	30600	25400	27300	6850	3740	4710	5200	3720	4330
29	7970	6570	7140	33500	29000	31100	10800	6850	8970	7520	5200	6120
30	9330	7440	8020	30000	20100	25400	10900	6270	7210	10800	6840	8890
31	12600	8580	10900	---	---	---	6950	4520	5840	14800	10100	12900
MONTH	40700	5910	16800	33500	9740	19400	26100	3280	11500	14800	1710	3710

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12800	2670	7610	24500	6600	13700	20800	17000	18900	14800	11000	13000
2	3510	2040	2420	33300	21100	27900	20900	13400	17100	19200	14000	16800
3	2820	2280	2630	26600	7420	16900	20000	13300	15900	21600	18000	19800
4	2670	2020	2330	7420	2540	4450	13700	10600	12100	20000	17200	19000
5	5300	1980	3100	5470	2390	3560	11000	5880	8120	17500	13100	15500
6	5160	3140	4240	7120	3050	4510	11400	5320	7610	18600	16000	17100
7	3140	1580	2090	12300	4060	6190	16800	8510	12300	19900	18300	19200
8	2900	1660	2000	16900	8860	11100	23800	16800	21200	20900	19100	20100
9	4360	1800	2530	18000	12800	15400	22700	19500	21500	23300	19700	22200
10	8720	3100	4890	13600	5210	8820	20200	13300	16300	22300	21500	21900
11	4040	2530	3190	12500	6640	8150	17900	14600	15900	22400	20900	21800
12	3060	2370	2640	16300	10000	13500	18500	15300	17400	22600	20100	21700
13	3890	2250	2630	10700	6840	8950	15300	11100	13100	22700	19800	21900
14	3740	1990	2780	13800	9510	11700	12400	8300	10600	19900	15600	17600
15	11000	3560	6220	18100	13600	16400	11000	7540	9120	17400	14200	15600
16	12500	3060	6370	20100	17300	19200	12300	8040	9750	---	---	---
17	3800	2420	3010	19900	17500	19100	12000	9300	10800	19200	17200	18300
18	14700	2510	6410	20600	18200	19600	10900	8290	9770	18400	9830	14100
19	24700	11400	17100	22200	14400	19900	10300	7450	8800	14000	9190	10600
20	25200	20700	23300	27000	21400	24800	10200	7480	8880	11900	7000	9720
21	23000	15400	19600	26700	15000	21500	10200	8370	9540	12600	9020	10900
22	22200	14600	18400	15500	7920	10500	9520	7520	8300	13500	10100	11900
23	14600	7730	11000	12200	5250	8150	9580	7550	8160	15500	13200	14200
24	12900	6410	8680	18700	9270	12200	9730	8360	8890	18300	14400	15800
25	14600	10100	12600	22900	16300	20200	9710	7040	7820	20800	15700	17400
26	16900	6140	12000	24400	14100	19800	9000	6830	7950	22700	17600	19500
27	6140	2200	3330	15900	10400	13000	14500	7280	10800	24000	18500	20200
28	6600	3210	4090	16100	12500	14400	17100	12700	15100	22500	18200	20300
29	---	---	---	19400	16100	18100	16600	12700	14600	23300	19400	20500
30	---	---	---	23300	17000	19400	14500	10900	12400	22400	19100	20400
31	---	---	---	24900	19900	22200	---	---	---	24300	17800	20600
MONTH	25200	1580	7040	33300	2390	14600	23800	5320	12300	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22200	19800	21200	13600	10500	11800	6550	4260	5190	10700	8600	9940
2	21700	19400	20100	11000	9230	10200	4840	3820	4350	16600	9440	12900
3	20000	18900	19500	9590	6890	8470	7590	3790	4630	21100	13300	16000
4	21100	19200	19800	7560	4900	6170	12500	4710	7420	22700	15800	18500
5	26600	20700	23600	6610	3680	5200	11000	4710	8380	22000	17200	19100
6	27000	20300	25300	5930	3680	5050	15700	9230	11100	22200	15300	18000
7	20800	16100	19100	8010	4900	6390	---	---	---	27600	18300	22800
8	17900	15600	16900	8930	5970	7500	15200	10400	12100	26800	23700	25400
9	17700	15800	16700	12100	8170	9740	23700	11500	16200	25000	23000	24300
10	23300	16400	20000	12300	8180	9840	24300	17400	21300	24900	21900	23600
11	23700	21700	22500	13100	8690	10500	28400	23000	25600	23500	15100	20600
12	22600	21100	22100	11700	9920	10900	28300	24600	25700	18700	14200	15700
13	21600	19100	20000	11600	9000	10600	24900	17100	22600	18300	14300	15700
14	19900	16300	18100	11200	7880	9460	22100	15200	19000	21300	14500	18700
15	16600	15100	16100	8260	7520	7800	20700	15400	18300	17100	12700	14700
16	16300	14100	15100	7740	6700	7400	22100	18200	20600	14200	12600	13700
17	16300	13700	14900	7560	5190	6530	23300	18100	21000	13600	12100	13000
18	17500	15200	16500	6120	4020	5250	20900	14200	18000	13300	12000	12700
19	19900	16800	18700	4970	3860	4450	17000	13200	15100	14700	12000	13400
20	19100	17000	18200	5280	3970	4540	15600	13200	14400	18100	14300	16700
21	17600	14300	16400	7170	3990	4710	14900	12900	13800	17800	13500	16100
22	15900	12800	14400	9610	3900	5180	14800	12300	13400	19200	16900	18000
23	17100	13700	14900	9170	4070	5800	12900	10800	12400	18500	17000	17800
24	17100	15300	16100	9800	4560	6200	11000	9240	10200	20600	16800	18200
25	17500	16000	16800	7660	4780	6060	10100	8000	9090	20300	17000	18600
26	18000	16500	17500	7640	4840	6210	---	---	---	26200	19900	23000
27	17700	15100	16900	8500	5460	7140	7380	6160	6980	19900	12900	15600
28	17700	15600	16600	8810	7510	8220	7280	5610	6400	13600	8560	11400
29	16200	14400	15300	9130	8400	8750	6430	5560	5950	9450	6260	8080
30	14800	13100	14100	8490	7840	8210	7140	6260	6750	7450	5420	6490
31	---	---	---	7850	5230	6450	9000	6940	8240	---	---	---
MONTH	27000	12800	18100	13600	3680	7440	---	---	---	27600	5420	16600

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.2	22.3	23.3	22.0	19.2	20.4	19.5	18.6	19.0	9.5	5.9	8.2
2	25.2	22.5	23.6	23.1	21.0	21.8	18.9	18.1	18.5	6.8	5.4	6.0
3	25.6	23.3	24.3	23.6	21.7	22.5	19.6	18.0	18.7	5.8	4.3	5.2
4	25.4	24.3	24.7	23.0	21.8	22.4	20.0	18.5	19.2	6.2	4.0	5.1
5	25.6	24.4	24.8	21.9	20.5	21.0	20.9	19.5	20.2	7.7	5.5	6.5
6	25.3	22.6	24.5	20.9	20.2	20.5	21.7	20.3	20.8	8.3	7.3	7.8
7	22.6	20.7	21.9	21.5	20.3	20.9	21.6	20.9	21.3	8.5	7.1	7.8
8	23.6	21.2	22.3	21.7	20.7	21.1	23.2	21.1	21.7	8.8	6.8	7.8
9	24.4	22.6	23.4	22.1	21.3	21.6	21.4	18.5	19.8	10.6	7.6	9.0
10	24.2	23.7	24.0	22.3	20.7	21.3	18.8	17.7	18.3	12.1	9.4	10.7
11	24.6	23.9	24.2	22.0	20.9	21.4	18.1	17.3	17.8	13.5	11.1	12.2
12	25.6	24.2	24.8	22.9	21.1	21.8	19.4	17.4	18.5	13.6	12.3	12.8
13	25.8	24.6	25.1	22.2	20.8	21.7	20.9	19.3	20.0	12.9	11.8	12.4
14	24.6	23.1	23.7	21.6	20.7	21.1	20.7	19.2	20.0	13.3	12.8	13.0
15	23.9	22.4	23.2	22.0	20.5	21.1	19.5	18.6	19.0	13.5	11.9	12.6
16	23.5	20.7	22.4	21.1	19.9	20.7	21.3	19.4	20.2	14.1	11.8	12.7
17	20.7	18.1	19.0	21.9	19.3	20.5	21.2	20.0	20.9	14.9	12.8	13.7
18	19.3	17.1	18.3	21.4	20.2	20.6	20.5	18.5	19.4	16.4	14.2	15.0
19	20.8	18.0	19.1	22.2	20.5	21.1	18.7	17.1	18.2	18.1	15.3	16.7
20	22.4	19.4	20.3	21.6	19.1	20.5	17.1	15.0	15.8	15.6	13.8	14.3
21	22.5	20.4	21.3	19.1	17.4	18.2	15.7	14.0	14.9	16.4	14.1	15.0
22	24.7	21.8	22.7	18.3	17.1	17.8	16.8	14.7	15.7	17.9	15.3	16.4
23	24.9	23.2	23.9	19.7	18.1	18.8	16.9	15.3	16.5	20.4	17.4	18.9
24	26.4	24.8	25.5	21.4	19.6	20.6	15.3	13.2	14.2	21.9	19.4	20.7
25	25.8	23.1	24.6	21.0	20.0	20.4	13.4	11.6	12.5	21.1	17.6	19.2
26	23.1	20.6	21.8	21.9	20.3	21.0	12.0	10.8	11.4	17.6	16.0	16.9
27	20.6	18.6	19.7	23.0	21.3	22.2	11.3	9.6	10.5	17.5	16.5	16.9
28	18.6	16.3	17.4	23.8	22.6	23.2	11.9	10.3	11.0	19.2	17.2	17.9
29	17.8	15.9	16.8	23.3	20.8	22.4	13.3	11.5	12.1	21.1	18.9	19.7
30	18.7	16.5	17.6	20.8	18.8	19.6	12.9	10.8	11.8	22.2	20.6	21.3
31	20.4	17.8	18.9	---	---	---	11.4	9.5	10.3	23.1	21.3	22.1
MONTH	26.4	15.9	22.2	23.8	17.1	20.9	23.2	9.5	17.0	23.1	4.0	13.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.7	17.0	19.9	12.3	10.4	11.1	23.0	21.4	21.9	28.1	26.4	27.3
2	17.0	14.8	15.5	13.7	12.3	13.0	23.1	20.7	22.1	28.2	26.5	27.4
3	15.5	14.3	14.9	13.2	9.0	11.2	25.6	22.7	23.8	28.7	27.1	27.8
4	15.0	13.6	14.1	9.0	7.2	8.2	23.5	19.8	21.3	29.4	27.2	28.2
5	13.6	11.1	12.2	10.8	7.5	9.1	20.7	18.1	19.3	30.8	28.0	29.2
6	11.8	11.1	11.5	13.1	9.2	11.1	19.5	17.4	18.6	29.8	28.1	29.1
7	11.2	9.9	10.5	15.6	11.6	13.5	20.5	17.9	19.3	29.8	28.1	28.9
8	11.6	9.6	10.3	17.6	14.4	15.8	22.3	20.4	21.0	29.3	27.2	28.3
9	13.1	10.2	11.4	19.6	16.6	17.6	20.8	20.0	20.4	29.2	27.3	28.2
10	14.0	12.1	12.9	17.6	14.3	15.4	22.8	20.4	21.4	29.7	27.6	28.6
11	13.0	11.1	12.0	16.6	14.1	15.2	22.7	21.4	21.9	29.2	27.6	28.4
12	13.5	11.2	12.2	18.1	16.2	16.9	23.1	21.6	22.2	28.7	27.1	28.0
13	14.0	12.4	12.9	18.0	15.7	16.6	22.9	21.8	22.4	28.5	26.3	27.9
14	14.7	11.9	13.0	18.6	16.3	17.4	23.5	21.9	22.5	26.3	23.2	24.4
15	14.2	13.0	13.6	21.3	18.0	19.5	25.2	22.5	23.8	25.5	23.1	24.3
16	15.2	13.6	14.4	23.0	20.8	21.6	26.1	23.7	24.7	---	---	---
17	16.6	13.7	14.9	24.8	22.4	23.4	27.0	24.4	25.5	27.3	25.6	26.3
18	17.3	14.3	15.9	25.1	23.4	24.2	27.6	25.3	26.3	26.2	22.6	24.7
19	18.2	16.1	17.2	25.8	23.1	24.5	28.1	25.8	26.9	22.8	19.5	21.5
20	19.0	17.7	18.3	24.9	23.3	24.4	28.1	25.9	27.0	22.5	19.5	21.2
21	20.2	18.2	19.1	24.4	20.7	22.7	27.8	26.0	26.9	23.4	20.7	22.1
22	19.3	15.9	17.5	20.7	17.4	18.5	28.9	26.0	27.3	23.9	21.6	22.7
23	15.9	13.6	14.6	18.4	15.5	17.0	28.6	27.2	27.9	24.1	21.9	22.9
24	16.2	13.6	14.8	19.6	16.5	17.9	28.9	26.8	27.8	25.4	22.7	24.0
25	18.0	15.1	16.4	21.7	18.5	20.0	29.9	26.8	28.0	26.4	24.3	25.4
26	17.6	13.7	16.3	22.0	20.2	21.3	28.3	26.4	27.4	27.4	25.2	26.2
27	13.7	10.5	11.4	21.4	18.3	19.7	28.1	26.4	27.2	28.0	26.0	27.0
28	11.9	9.3	10.6	21.8	19.5	20.6	28.2	26.5	27.4	28.5	26.4	27.5
29	---	---	---	22.4	20.6	21.5	28.9	26.9	27.8	29.4	27.0	28.3
30	---	---	---	23.9	21.8	22.7	28.8	27.2	27.9	28.7	27.5	28.1
31	---	---	---	23.4	22.5	23.1	---	---	---	29.6	27.0	28.3
MONTH	22.7	9.3	14.2	25.8	7.2	17.9	29.9	17.4	24.3	---	---	---

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.3	27.6	29.0	31.4	29.2	30.3	30.1	28.8	29.3	29.3	28.5	28.9
2	31.6	28.4	29.5	31.3	27.7	30.2	30.0	27.7	29.0	28.8	28.0	28.5
3	31.1	28.5	29.9	31.3	29.4	30.2	30.4	28.3	29.3	28.3	27.8	28.1
4	31.7	29.0	30.2	31.8	29.5	30.6	29.9	28.9	29.3	28.1	27.3	27.6
5	30.4	28.9	29.5	31.2	30.0	30.6	29.4	28.0	28.6	27.4	26.8	27.1
6	31.3	28.3	29.2	31.2	29.7	30.5	29.0	28.2	28.6	27.4	26.9	27.2
7	30.6	29.1	29.8	31.6	29.8	30.6	---	---	---	27.0	26.2	26.4
8	30.5	29.2	29.8	31.1	29.7	30.3	31.3	29.6	30.3	26.2	25.7	26.0
9	30.2	29.1	29.6	30.3	29.0	29.7	30.4	28.9	29.6	27.8	26.0	26.8
10	29.3	27.9	28.7	30.9	29.3	30.0	29.3	27.4	28.6	29.0	27.0	27.8
11	29.8	27.9	28.8	31.9	29.9	30.7	29.2	27.6	28.3	31.0	27.8	28.9
12	30.5	28.5	29.5	31.8	29.7	30.9	28.9	27.5	28.2	29.9	28.2	29.2
13	31.4	29.2	30.2	30.8	29.4	30.1	28.7	27.5	28.1	29.8	28.5	29.1
14	32.2	29.5	30.5	30.5	29.0	29.6	28.5	27.7	28.0	29.2	28.2	28.7
15	30.6	28.2	29.6	31.2	29.0	29.9	29.2	27.5	28.2	29.6	28.6	29.0
16	29.5	27.9	28.9	32.3	30.0	30.9	30.2	28.5	29.2	30.5	28.6	29.4
17	29.7	27.3	28.5	33.4	30.4	31.5	31.4	29.0	29.9	30.0	28.8	29.3
18	29.5	27.4	28.5	32.3	30.4	31.2	30.7	29.5	30.1	30.0	28.6	29.2
19	28.9	27.9	28.5	33.0	30.1	31.2	31.1	29.6	30.2	30.0	28.4	29.2
20	29.1	27.9	28.6	32.6	30.5	31.5	31.3	29.8	30.5	30.0	28.7	29.4
21	29.3	27.6	28.5	32.0	30.8	31.4	30.9	30.0	30.4	31.0	29.0	29.9
22	28.6	27.5	28.1	31.5	30.1	30.7	30.6	29.5	30.1	31.0	29.4	30.0
23	27.7	26.9	27.3	31.1	29.2	30.1	30.9	29.4	30.2	29.4	27.5	28.2
24	29.0	26.9	27.9	31.5	29.7	30.6	32.5	29.6	30.7	27.5	25.0	26.2
25	29.4	27.7	28.5	30.8	28.6	29.9	32.9	30.5	31.4	25.3	24.5	24.8
26	28.6	28.0	28.3	30.9	28.8	29.9	---	---	---	25.6	24.4	25.0
27	29.0	27.3	28.1	32.0	29.9	30.9	31.9	29.9	30.8	25.7	23.9	24.8
28	29.6	27.6	28.5	32.7	30.4	31.3	31.5	30.1	30.7	26.6	25.0	25.7
29	30.6	28.2	29.3	31.3	30.3	30.8	30.7	29.4	30.0	27.5	25.6	26.3
30	31.2	29.1	29.9	30.3	29.2	29.7	30.4	28.8	29.6	28.1	26.5	27.1
31	---	---	---	30.6	28.8	29.3	29.7	29.0	29.3	---	---	---
MONTH	32.2	26.9	29.0	33.4	27.7	30.5	---	---	---	31.0	23.9	27.8

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA

LOCATION.--Lat 29°28'59", long 90°00'40", Jefferson Parish, Hydrologic Unit 08090301, on a channel mark #46.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Stage affected by wind and tide. Data for the period Aug. 24 to Sept. 30, 2001, is available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.51 ft, Sep. 26, 2002; minimum gage height, 1.94 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.51 ft, Sept. 26; minimum gage height, 1.94 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.99	3.62	3.85	4.53	3.59	4.00	4.61	3.38	3.95	4.02	2.53	3.11
2	3.91	3.70	3.80	4.63	3.64	4.10	4.46	3.17	3.73	3.54	2.36	2.93
3	4.10	3.64	3.87	4.63	3.66	4.14	4.27	3.08	3.66	3.29	2.18	2.69
4	4.25	3.63	3.92	4.63	3.45	4.01	4.28	3.12	3.68	3.19	2.49	2.85
5	4.47	3.80	4.11	4.53	3.39	3.97	4.37	3.31	3.83	4.33	3.19	3.68
6	4.51	3.55	3.96	4.53	3.44	3.96	4.18	3.24	3.74	3.93	2.72	3.13
7	4.20	3.42	3.85	4.40	3.50	3.96	4.17	3.38	3.77	3.03	2.32	2.63
8	4.40	3.53	3.98	4.44	3.60	4.06	4.08	3.50	3.84	3.11	2.27	2.71
9	4.74	4.15	4.43	4.41	3.43	3.92	3.61	3.03	3.31	3.39	2.26	2.83
10	5.04	4.23	4.68	4.09	3.43	3.82	3.75	3.33	3.53	3.90	2.50	3.16
11	5.36	4.53	4.94	4.09	3.88	3.99	4.15	3.05	3.55	3.80	2.63	3.23
12	5.25	4.75	5.07	4.20	3.61	3.91	4.36	3.31	3.83	3.81	2.62	3.18
13	5.98	5.12	5.60	4.44	3.48	3.94	4.68	3.35	3.97	3.94	2.61	3.21
14	5.31	4.03	4.46	4.46	3.60	4.04	4.57	3.17	3.81	3.97	2.96	3.47
15	4.91	4.18	4.61	4.54	3.48	4.00	4.49	3.22	3.78	3.94	2.60	3.16
16	4.57	3.48	3.87	4.54	3.35	3.85	4.70	3.46	4.04	3.72	2.89	3.29
17	4.19	3.16	3.63	4.20	3.06	3.59	4.72	3.48	4.04	3.73	2.87	3.27
18	4.19	3.32	3.73	4.13	2.93	3.51	4.18	3.13	3.60	3.78	3.07	3.39
19	4.24	3.16	3.72	4.17	3.10	3.61	4.23	2.90	3.51	3.71	2.66	3.34
20	4.33	3.34	3.85	4.07	2.94	3.45	3.46	2.60	2.90	3.62	2.73	3.18
21	4.41	3.40	3.91	4.07	3.21	3.63	3.74	3.05	3.38	3.62	3.11	3.33
22	4.38	3.46	3.94	4.33	3.70	4.00	4.36	3.69	3.93	3.83	2.99	3.41
23	4.57	3.73	4.18	4.85	3.96	4.30	4.26	3.35	3.78	3.98	3.18	3.60
24	4.69	3.91	4.32	4.75	4.33	4.52	3.81	3.11	3.45	4.32	3.19	3.72
25	4.57	3.52	4.01	4.35	3.80	4.00	3.87	3.25	3.57	3.91	2.69	3.20
26	4.03	3.49	3.76	4.27	3.98	4.08	3.53	2.95	3.28	3.86	2.56	3.19
27	3.86	3.18	3.57	4.63	3.78	4.20	3.87	2.54	3.18	4.17	2.74	3.41
28	3.66	3.27	3.44	4.94	4.03	4.40	4.33	2.95	3.59	4.23	2.85	3.50
29	3.64	3.22	3.39	4.99	4.36	4.66	4.28	3.11	3.73	4.23	3.04	3.61
30	4.01	3.31	3.66	4.62	3.49	4.05	4.14	2.84	3.46	4.20	3.20	3.72
31	4.10	3.59	3.83	---	---	---	4.09	2.62	3.36	4.24	3.43	3.86
MONTH	5.98	3.16	4.06	4.99	2.93	3.99	4.72	2.54	3.64	4.33	2.18	3.26

MISSISSIPPI RIVER DELTA

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.18	2.57	3.02	4.35	3.55	3.96	4.11	3.05	3.57	4.77	3.48	4.22
2	3.16	2.53	2.85	4.63	3.86	4.41	4.39	3.15	3.85	4.84	3.87	4.40
3	3.43	2.98	3.24	3.86	2.46	3.02	4.30	3.27	3.77	4.77	3.96	4.37
4	3.22	2.55	2.88	2.92	2.33	2.61	3.82	2.82	3.32	4.46	3.79	4.12
5	3.61	2.59	3.13	3.32	2.14	2.76	3.68	2.55	3.15	4.29	3.55	3.96
6	3.93	3.18	3.58	3.48	2.41	2.99	3.85	2.73	3.30	4.39	3.99	4.20
7	3.48	2.34	2.92	3.88	2.71	3.33	4.28	3.28	3.74	4.44	4.00	4.20
8	3.80	2.53	3.09	4.18	3.05	3.62	4.64	3.92	4.23	4.65	4.25	4.47
9	3.98	2.66	3.29	4.03	3.16	3.67	4.52	4.00	4.22	4.55	3.93	4.32
10	3.90	2.75	3.31	3.52	2.16	2.83	4.20	3.75	3.98	4.42	3.87	4.17
11	3.57	2.23	2.80	4.20	2.96	3.47	4.29	4.05	4.17	4.63	3.86	4.27
12	3.57	2.58	3.09	4.20	3.45	3.76	4.33	3.74	4.13	4.86	3.80	4.39
13	3.55	2.60	3.09	3.78	3.19	3.40	4.07	3.54	3.85	4.56	2.93	4.06
14	3.54	2.61	3.01	3.99	3.52	3.72	4.34	3.51	3.98	4.15	2.76	3.49
15	3.58	3.15	3.38	4.01	3.86	3.91	4.28	3.43	3.91	4.42	3.12	3.84
16	3.56	2.88	3.18	4.06	3.82	3.96	4.40	3.42	3.96	4.57	3.35	4.06
17	3.29	2.99	3.14	4.09	3.65	3.89	4.40	3.46	3.92	4.63	3.40	4.03
18	3.75	3.10	3.45	4.17	3.60	3.92	4.31	3.28	3.82	3.83	2.89	3.54
19	4.43	3.54	3.98	4.32	3.60	4.01	4.32	3.22	3.83	3.99	2.56	3.33
20	4.53	3.95	4.25	4.71	3.80	4.33	4.31	3.32	3.87	3.89	3.05	3.53
21	4.37	3.54	3.98	3.80	2.86	3.45	4.38	3.52	3.99	3.86	3.20	3.61
22	3.93	2.92	3.47	3.66	2.23	2.97	4.23	3.37	3.83	3.87	3.28	3.64
23	3.87	2.57	3.22	3.97	2.68	3.36	4.23	3.49	3.89	4.09	3.51	3.83
24	4.02	2.81	3.42	4.29	2.96	3.64	4.22	3.73	3.94	4.33	3.57	3.96
25	4.19	2.98	3.57	4.33	3.46	3.93	4.11	3.45	3.74	4.53	3.50	4.11
26	4.17	2.61	3.12	4.21	3.48	3.70	4.22	3.50	3.92	4.63	3.49	4.11
27	3.28	1.94	2.47	3.90	2.94	3.38	4.82	3.58	4.32	4.75	3.49	4.17
28	3.55	2.59	3.02	3.90	3.43	3.64	4.80	3.56	4.34	4.72	3.44	4.13
29	---	---	---	4.00	3.42	3.81	4.61	3.51	4.08	4.78	3.54	4.23
30	---	---	---	4.20	3.60	3.98	4.60	3.47	4.08	4.79	3.71	4.26
31	---	---	---	4.54	3.28	4.00	---	---	---	4.72	3.76	4.28
MONTH	4.53	1.94	3.25	4.71	2.14	3.59	4.82	2.55	3.89	4.86	2.56	4.04

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.56	3.84	4.21	4.17	3.63	3.90	3.87	3.39	3.63	4.55	3.69	4.16
2	4.39	3.79	4.11	3.94	3.62	3.79	3.83	3.31	3.57	4.79	4.00	4.41
3	4.40	3.89	4.17	3.85	3.40	3.64	4.12	3.39	3.76	4.99	3.90	4.50
4	4.36	4.07	4.20	3.88	3.31	3.61	4.45	3.23	3.95	5.07	4.02	4.56
5	4.71	4.25	4.52	3.83	3.02	3.44	4.53	3.43	4.00	5.03	4.01	4.54
6	4.50	3.92	4.26	3.85	3.16	3.53	4.60	3.42	4.05	5.03	4.02	4.57
7	4.51	3.71	4.15	4.19	3.14	3.72	4.78	3.48	4.07	5.74	4.44	5.10
8	4.56	3.59	4.12	4.37	3.25	3.89	4.63	3.51	4.08	5.37	4.76	5.05
9	4.56	3.60	4.16	4.51	3.31	3.97	4.90	3.71	4.42	5.03	4.68	4.87
10	5.07	3.93	4.53	4.52	3.31	3.93	4.96	4.02	4.52	5.05	4.50	4.76
11	4.87	3.68	4.35	4.63	3.32	4.06	5.06	4.20	4.74	4.99	4.07	4.53
12	4.82	3.67	4.26	4.59	3.50	4.08	4.70	4.34	4.53	4.88	3.99	4.45
13	4.74	3.62	4.18	4.47	3.48	4.01	4.61	4.14	4.34	5.02	4.18	4.64
14	4.52	3.47	4.01	4.15	3.49	3.81	4.63	3.82	4.24	5.36	4.10	4.72
15	4.38	3.14	3.79	3.99	3.47	3.72	4.76	4.10	4.43	4.84	3.56	4.26
16	4.35	3.35	3.92	3.80	3.50	3.66	4.80	3.94	4.42	---	---	---
17	4.38	3.55	4.04	3.88	3.28	3.59	4.90	3.76	4.38	---	---	---
18	4.34	3.97	4.20	3.74	3.10	3.47	4.81	3.70	4.30	4.58	3.85	4.22
19	4.45	3.94	4.25	3.94	3.01	3.52	4.78	3.67	4.27	4.67	3.98	4.39
20	4.38	3.62	4.05	4.04	2.95	3.56	4.73	3.71	4.25	4.78	4.12	4.49
21	4.29	3.40	3.91	4.06	2.82	3.54	4.74	3.72	4.25	4.69	4.13	4.46
22	4.52	3.44	4.05	4.18	2.98	3.64	4.66	3.78	4.24	4.67	4.44	4.57
23	4.70	3.52	4.19	4.28	3.00	3.65	4.56	3.79	4.17	4.91	4.41	4.62
24	4.76	3.63	4.25	4.26	3.03	3.71	4.48	3.80	4.18	5.21	4.77	4.92
25	4.86	3.63	4.31	4.27	3.03	3.70	4.33	3.86	4.09	6.98	5.16	5.65
26	4.85	3.70	4.24	4.13	3.17	3.71	4.23	3.90	4.06	7.51	4.98	5.90
27	4.76	3.66	4.27	4.21	3.34	3.80	4.18	3.83	3.98	5.35	4.22	4.77
28	4.65	3.69	4.20	4.04	3.50	3.79	4.19	3.71	3.93	5.22	3.94	4.54
29	4.45	3.76	4.09	4.09	3.67	3.89	4.16	3.64	3.93	4.91	3.70	4.30
30	4.32	3.73	4.01	3.95	3.48	3.75	4.32	3.66	3.99	4.91	3.86	4.41
31	---	---	---	3.86	3.33	3.61	4.43	3.57	4.04	---	---	---
MONTH	5.07	3.14	4.17	4.63	2.82	3.73	5.06	3.23	4.16	---	---	---

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2001 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 2001 to current year.
WATER TEMPERATURES: August 2001 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Record rated excellent, except for the periods Jan. 10-31, Mar. 31-Apr. 24, and Sept. 2-30 which rated good, and Apr. 25-May 8 which are rated fair. WATER TEMPERATURE: Record rated good, except for the period Aug. 7 to Sept. 30, which are rated fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 40,100 microsiemens/cm, Nov. 29, 2001; minimum, 2,250 microsiemens/cm, Jan. 8, 2002.
WATER TEMPERATURES: Maximum, 34.2°C, Jul. 20, 2002; minimum, 4.5°C, Jan. 3, 4, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 40,100 microsiemens/cm, Nov. 29; minimum, 2,250 microsiemens/cm, Jan. 8.
WATER TEMPERATURE: Maximum, 34.2°C, July 20; minimum, 4.5°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20500	12000	16400	31400	19000	22900	30700	23000	26200	11800	6430	9270
2	21300	12000	16100	32500	21800	27500	27900	20000	23600	7390	3990	5670
3	21500	15300	18000	32500	22900	27700	25200	17900	21700	4930	3150	4080
4	22800	16800	20100	31700	21300	26100	24800	18200	21500	4660	3830	4290
5	25200	20300	22900	30800	20200	25600	24300	19800	22300	11500	4660	7390
6	27700	16100	21900	31600	20000	25300	23300	18600	21200	11700	4840	8180
7	20800	13700	17100	30200	19800	25100	22800	18400	20400	4840	3360	3820
8	23600	17000	20200	30500	22000	26400	22200	18500	20600	3360	2250	2630
9	29200	22500	27300	30200	20000	25200	18500	13300	14800	3430	2400	2790
10	35400	28500	32400	26200	18200	22700	16400	13900	14800	7710	3000	3970
11	36300	30500	33400	29100	19300	25700	20200	14600	16300	11200	4420	6690
12	34400	29800	32800	28900	21600	24700	23300	18900	20700	11200	4240	7190
13	37800	33200	35700	33500	22700	27200	24000	20400	22400	11900	4500	8060
14	34900	25800	29500	33900	26900	30600	24800	18000	21200	12500	7290	10100
15	29200	25400	27500	34700	26100	30300	21200	17100	19000	12100	4440	7640
16	28200	19000	23100	34400	24600	28800	22000	19500	20700	9240	4560	6810
17	19900	15800	17400	29300	18900	24200	24700	20000	22500	9480	4150	6680
18	20200	13600	16800	27500	16900	22100	20000	14500	16900	9750	4930	7100
19	18800	11800	15800	26800	17400	22300	17500	11700	15100	10200	4050	8030
20	19300	12600	15900	24600	15100	20000	11700	8080	9510	4610	3040	3530
21	19900	13300	16500	23100	18200	20800	11000	9430	10500	7020	4150	5320
22	20000	13200	16500	30500	22400	27900	18000	10900	14300	11700	3230	5970
23	22500	15800	19000	35100	29900	32300	19000	13000	16900	14400	6970	10000
24	24200	17800	21200	37800	33300	36400	13000	9650	10900	15800	7920	11700
25	22700	13700	18800	33300	23500	26800	14000	10200	11700	15700	4290	7610
26	15000	10500	13600	28200	23800	24800	13600	7860	9950	8070	3070	4620
27	13400	8120	11100	34200	23900	27400	9870	5880	7130	12400	4610	6780
28	11800	8120	9550	38300	29600	33300	13500	9870	10900	13900	5900	9430
29	10400	7560	8890	40100	32000	37000	16000	11800	13500	14900	8090	11400
30	19900	9850	13100	32300	24600	27800	16700	10900	13400	16600	10300	13300
31	21600	17000	19000	---	---	---	14000	9100	11400	19300	12400	15800
MONTH	37800	7560	20200	40100	15100	26800	30700	5880	16800	19300	2250	7290

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17300	5170	9730	35100	14300	26400	21700	18100	19500	19500	11900	15900
2	5250	3890	4350	38900	31100	35900	24200	16700	20200	20700	14900	18200
3	8540	4300	6230	31100	11800	19700	23600	17500	20200	20500	16300	18500
4	6560	3950	4930	11800	7080	8740	19800	13700	15600	19200	14800	16400
5	16200	3720	7100	11600	5910	8490	15200	9620	12600	15700	12500	14000
6	17100	9370	14200	14000	8030	10600	18600	10800	13900	17100	14600	15700
7	13200	3500	6920	19100	9920	13400	25300	15000	18900	17000	15100	15800
8	15100	4290	7560	27500	13800	18400	27400	25300	26500	19100	17000	18200
9	19000	7900	12600	28000	18600	22100	26400	20300	23400	19900	16000	18500
10	20100	9470	14600	18600	9780	12300	20400	16000	17700	16700	13000	15700
11	16700	4190	7930	26800	11900	15600	19900	17000	18100	17800	12900	16200
12	16800	5510	9720	29900	17800	23500	20000	15300	18500	17800	15800	17000
13	17600	7300	12400	17800	11100	13800	15300	12000	13900	17100	13600	15900
14	19000	7590	12900	24000	16100	20400	15700	12000	14200	14600	13300	14000
15	21400	15100	18500	25400	23500	24400	16300	11900	14200	16000	13900	14800
16	22200	12200	16200	25900	22200	23900	16800	12100	14500	17400	14100	15600
17	19800	7910	11800	24100	19900	21900	16500	12700	14500	17800	14300	16000
18	25300	12100	19400	25400	19000	22100	15900	11100	13500	16200	10600	13000
19	33100	24700	28400	28500	17800	23300	15700	10400	12900	12800	9700	11000
20	33200	29900	31800	33200	26200	30000	15400	10300	12900	13300	10900	12300
21	31400	23200	27000	28400	15300	20000	16600	10500	13500	14300	11700	13000
22	27800	18800	21400	15900	12100	13900	15100	9580	12000	15000	12000	13600
23	20700	12900	16400	21600	11900	15200	14200	9150	11600	17500	15000	16300
24	24100	13800	17800	27600	15400	19700	14500	11700	12600	20800	14900	17500
25	24400	16600	20500	28100	22800	25300	13100	7250	9760	25600	16100	20900
26	25300	10400	18000	28100	19700	23400	13500	7530	10900	26100	17300	21700
27	10400	5770	7680	19700	15800	17100	19900	9860	15600	27300	17700	22400
28	14300	8860	10600	21200	18700	19600	20500	15700	18300	26600	18200	22200
29	---	---	---	24200	20400	22900	18200	13600	15600	27200	18400	22500
30	---	---	---	26200	19900	23500	17600	11700	14800	26800	19400	23000
31	---	---	---	27000	20800	24700	---	---	---	26200	20000	23100
MONTH	33200	3500	14200	38900	5910	20000	27400	7250	15700	27300	9700	17100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24900	20300	22600	12500	10500	11700	11000	5960	7910	18600	11900	15600
2	22800	19600	21100	11300	7910	10000	11800	5400	8100	21400	13800	18100
3	22400	19100	20600	10300	6860	8840	15300	5960	11800	25500	16100	20800
4	22300	19900	20800	9430	6340	7950	19800	11100	15900	26300	16500	21500
5	24900	22300	23900	8600	4870	6880	20200	10900	15500	26000	17100	21300
6	23400	18400	21600	8670	4870	7260	21600	13000	17400	27100	16700	22200
7	21700	16000	19700	11200	6820	9110	23000	13800	18000	32000	21400	27500
8	21800	16000	18900	12600	7700	10200	23000	12500	17300	29600	24900	28100
9	21200	15500	18600	13100	9290	11200	25200	14100	20600	26500	22000	24000
10	22900	17700	20500	13500	9370	11300	25700	19100	23100	26900	20900	23500
11	22600	19100	20700	14600	9480	11900	27400	22800	25100	24700	18400	21100
12	22000	18400	20000	14700	10000	12300	25100	20000	22500	22100	17600	20000
13	21600	17000	19300	14100	10000	12100	20900	18000	19600	22500	18100	20700
14	19200	15900	17500	12000	8760	9980	20200	16800	18600	24100	18300	21500
15	17900	13900	15700	9460	7520	8410	20700	16800	19400	21100	15700	18900
16	19200	13600	16200	7530	6120	7080	21100	17700	19800	---	---	---
17	19000	14600	16600	8580	5140	6740	21100	16700	19300	---	---	---
18	19500	16700	18200	7850	4720	6030	20600	15300	18300	19600	14000	16600
19	19800	16700	18800	8490	4720	6820	20200	14700	17400	20700	15300	18500
20	18000	13800	16600	10900	5580	8120	19700	13800	16900	21600	19100	20300
21	16200	12600	14500	14000	6100	10100	18900	13900	16300	20300	17700	19100
22	16100	12000	14400	15800	6600	11000	18700	13500	15800	20400	19200	20000
23	17400	12000	15000	16200	7660	11200	16500	12000	14300	21300	18100	19100
24	18600	12800	15800	17200	7640	11900	15300	11500	13500	25600	21100	23300
25	18200	13700	16300	16100	8190	11800	13100	10600	11800	30800	21700	24500
26	18300	14200	16200	14800	8190	11400	10600	8630	9620	33300	18900	25200
27	18000	13600	15800	15000	8390	11800	10700	7730	8710	20100	14000	16700
28	17000	13700	15100	14500	10200	12200	11700	7840	9860	17700	10200	13800
29	15300	13100	14200	14400	11100	12600	10900	8180	9580	13700	7060	10500
30	13900	11700	12800	12000	8580	10900	14000	9880	11800	11000	7430	9530
31	---	---	---	10700	5960	8270	16500	10400	13500	---	---	---
MONTH	24900	11700	17900	17200	4720	9910	27400	5400	15700	---	---	---

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.4	22.6	23.6	21.1	19.0	20.0	18.9	17.6	18.2	10.0	7.0	8.6
2	24.6	23.4	24.0	22.5	20.5	21.2	18.4	17.7	18.0	7.0	5.8	6.4
3	25.2	23.4	24.3	23.2	21.5	22.0	18.9	17.7	18.2	5.8	4.5	5.0
4	24.9	23.9	24.3	22.5	21.8	22.2	19.6	18.2	18.8	5.3	4.5	4.9
5	25.4	24.2	24.5	21.9	20.8	21.1	20.7	19.1	19.8	7.6	4.9	6.3
6	24.8	23.0	24.5	21.3	20.1	20.7	21.6	20.0	20.7	8.2	7.5	8.0
7	23.2	22.1	22.5	21.6	20.3	20.9	22.1	20.9	21.4	8.6	7.7	8.1
8	23.4	21.5	22.2	22.3	20.7	21.3	22.5	21.2	21.8	8.6	7.5	7.9
9	24.0	22.8	23.3	22.5	21.2	21.8	22.3	19.5	20.6	9.9	7.7	8.6
10	24.2	23.7	23.9	22.5	21.3	22.0	19.6	18.6	18.9	11.2	9.3	10.1
11	24.7	24.0	24.3	22.4	21.6	22.0	19.0	18.0	18.4	13.2	10.9	11.7
12	25.4	24.4	24.8	22.5	21.5	22.0	19.4	18.0	18.6	13.2	12.5	12.9
13	25.6	24.7	25.0	22.1	21.1	21.5	20.5	19.2	19.8	13.1	11.9	12.5
14	24.8	22.9	23.5	21.4	20.5	20.9	20.4	19.6	20.0	13.5	13.1	13.2
15	24.0	22.8	23.3	21.2	20.4	20.9	19.6	19.0	19.3	13.2	12.4	12.7
16	23.6	21.4	22.6	21.0	20.2	20.5	21.1	19.5	20.1	13.4	11.3	12.7
17	21.4	18.3	19.1	20.5	19.6	20.1	21.2	20.6	20.9	14.1	12.9	13.4
18	18.9	17.7	18.2	20.9	19.6	20.3	20.6	18.9	19.5	15.8	13.9	14.8
19	19.8	18.1	18.8	21.8	20.4	21.0	19.1	17.9	18.6	17.9	15.5	16.7
20	21.0	19.1	20.0	21.5	19.9	20.8	18.0	14.9	16.0	17.2	15.3	15.8
21	22.5	20.4	21.3	19.9	18.4	19.1	15.5	15.0	15.2	16.7	15.2	15.7
22	24.2	21.8	22.8	18.4	17.9	18.2	16.8	15.1	16.0	17.4	15.7	16.5
23	25.3	23.3	24.1	19.9	18.3	18.9	16.9	16.1	16.8	19.0	17.2	18.3
24	26.3	24.3	25.3	21.3	19.4	20.3	16.2	14.4	14.9	20.7	18.9	19.9
25	26.0	24.0	25.0	21.2	20.4	20.9	14.8	12.5	13.4	20.4	18.0	19.2
26	24.0	21.2	22.7	21.8	20.6	21.1	12.5	11.0	11.7	18.3	16.6	17.4
27	21.3	19.3	20.3	22.5	21.4	22.0	11.3	9.8	10.6	17.5	16.7	17.2
28	19.3	17.6	18.3	23.4	22.3	22.7	11.7	10.7	11.2	19.1	17.4	17.9
29	18.4	16.5	17.4	22.9	21.0	22.3	12.7	11.3	11.9	21.2	18.8	19.7
30	18.6	16.9	17.8	21.1	18.4	19.2	12.6	11.1	11.6	22.0	20.0	20.8
31	19.6	18.1	18.7	---	---	---	11.7	9.8	10.5	22.7	20.8	21.5
MONTH	26.3	16.5	22.3	23.4	17.9	20.9	22.5	9.8	17.1	22.7	4.5	13.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.0	17.5	20.0	12.9	11.1	11.7	23.3	21.8	22.3	28.0	26.8	27.5
2	17.5	14.9	15.6	14.7	12.8	13.6	23.2	21.1	22.1	28.2	26.7	27.6
3	15.8	14.8	15.2	14.5	9.3	12.1	24.7	22.9	23.7	28.5	27.4	28.0
4	15.3	14.0	14.5	9.3	7.2	7.8	23.9	20.6	21.6	29.0	27.4	28.2
5	14.1	12.5	13.1	9.8	7.5	8.6	20.6	18.0	19.2	30.6	28.4	29.0
6	12.6	12.0	12.4	11.8	8.8	10.3	19.6	17.8	18.8	29.6	28.3	29.0
7	12.0	10.2	10.7	14.4	11.4	12.8	20.2	18.1	19.3	29.4	28.0	28.8
8	11.0	9.5	10.2	16.1	14.1	15.0	21.4	20.0	20.5	29.5	28.0	28.6
9	12.7	10.2	11.3	18.3	15.4	16.7	20.7	20.1	20.4	29.6	27.9	28.7
10	13.6	12.2	12.8	17.3	14.7	15.6	22.1	20.5	21.0	30.5	28.3	29.1
11	13.0	11.4	12.0	16.4	14.4	15.5	22.1	21.1	21.7	29.4	28.3	28.9
12	13.2	11.2	12.1	17.8	15.6	16.7	23.0	21.5	22.1	29.1	27.6	28.4
13	13.0	12.5	12.8	17.6	16.2	16.7	23.0	22.2	22.6	29.1	27.2	28.6
14	13.3	12.2	12.6	18.2	16.5	17.3	23.8	22.5	23.0	27.2	23.8	25.0
15	14.2	13.1	13.5	20.2	18.0	19.0	24.8	23.1	23.9	25.3	23.8	24.5
16	15.1	13.7	14.3	22.3	19.7	20.7	25.7	24.5	25.1	26.7	24.2	25.4
17	16.8	14.0	14.9	24.2	21.5	23.0	26.7	25.0	25.9	27.3	26.0	26.7
18	16.7	15.5	16.1	24.9	23.5	24.1	27.4	25.5	26.5	27.0	23.3	25.2
19	17.3	16.0	16.6	25.2	24.2	24.7	27.9	26.0	27.0	23.3	20.6	21.7
20	18.5	17.2	17.8	24.8	24.1	24.6	28.1	26.3	27.3	22.0	19.9	21.4
21	19.1	18.0	18.5	24.6	21.3	23.0	28.0	26.4	27.3	22.7	21.0	22.0
22	18.8	16.5	17.6	21.3	17.8	18.7	28.4	26.3	27.3	23.1	21.8	22.5
23	16.5	13.7	14.8	18.1	15.9	17.1	28.1	26.7	27.5	23.8	22.2	22.9
24	16.1	13.8	14.7	18.9	16.8	17.8	28.7	27.1	27.7	25.4	23.2	24.0
25	17.3	15.1	16.0	20.7	18.4	19.4	28.2	26.9	27.5	26.5	24.6	25.4
26	17.2	15.2	16.5	21.7	20.5	21.1	28.3	26.7	27.6	27.2	25.6	26.5
27	15.2	10.4	11.7	21.2	18.8	19.8	28.0	26.8	27.5	28.4	26.5	27.4
28	11.8	10.2	11.0	21.3	19.9	20.6	28.5	26.9	27.6	28.7	27.2	28.0
29	---	---	---	22.9	20.8	21.9	29.1	27.5	28.2	29.5	27.8	28.6
30	---	---	---	23.2	22.2	22.7	28.7	27.7	28.2	29.2	27.9	28.7
31	---	---	---	23.3	22.8	23.1	---	---	---	29.3	27.8	28.7
MONTH	22.0	9.5	14.3	25.2	7.2	17.8	29.1	17.8	24.3	30.6	19.9	26.6

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.8	28.3	29.1	30.7	29.7	30.2	30.2	29.5	29.9	29.2	28.4	28.8
2	30.7	28.6	29.6	31.8	29.9	30.6	30.8	28.8	29.7	29.0	27.8	28.3
3	30.8	29.0	30.0	31.0	30.4	30.6	30.3	28.8	29.5	28.4	27.6	28.0
4	31.3	29.7	30.4	32.1	30.3	31.2	30.2	29.1	29.4	28.1	27.2	27.5
5	30.6	29.5	29.9	31.8	30.7	31.3	29.7	28.1	28.9	27.6	26.9	27.2
6	30.6	29.0	29.5	31.5	30.4	31.0	29.3	28.3	28.8	27.5	27.1	27.3
7	31.3	29.6	30.2	31.8	30.0	30.9	31.4	28.6	29.8	27.2	26.4	26.6
8	30.8	30.0	30.4	31.8	30.1	30.6	31.4	30.3	30.8	26.4	25.9	26.2
9	30.4	29.7	30.1	30.7	29.6	30.1	30.8	29.4	29.8	27.2	26.1	26.5
10	29.7	28.6	29.2	30.9	29.9	30.4	29.5	27.8	28.6	28.1	26.6	27.3
11	30.0	28.6	29.2	31.9	30.2	31.0	28.7	27.8	28.3	30.2	27.3	28.4
12	31.0	28.7	29.9	31.5	30.9	31.2	28.4	27.5	28.0	30.4	28.7	29.5
13	31.7	30.0	30.8	30.9	30.0	30.6	28.4	27.4	28.0	30.1	28.9	29.4
14	31.4	30.2	30.9	30.6	29.6	30.0	28.4	28.0	28.2	29.9	28.3	29.0
15	30.9	29.0	29.8	30.7	29.3	30.1	29.5	27.8	28.5	30.7	29.0	29.9
16	29.5	28.4	29.0	31.7	29.4	30.3	30.4	28.5	29.3	---	---	---
17	29.1	27.7	28.5	33.1	30.3	31.5	31.9	29.4	30.4	---	---	---
18	29.3	27.9	28.6	33.6	31.6	32.5	32.0	30.4	31.3	31.0	29.7	30.2
19	29.2	27.9	28.5	33.7	31.5	32.5	31.8	30.8	31.4	30.4	29.4	29.8
20	29.2	28.4	29.0	34.2	31.8	32.8	31.8	30.8	31.3	30.0	29.1	29.6
21	29.5	28.3	28.9	34.0	31.9	32.6	31.6	30.7	31.2	30.4	29.1	29.9
22	29.4	28.0	28.5	32.4	30.8	31.5	31.3	30.4	30.8	30.5	29.4	29.9
23	28.7	27.0	27.9	32.1	29.8	30.8	31.8	30.0	30.7	29.7	28.3	28.8
24	29.2	27.3	28.1	31.6	30.8	31.3	31.8	29.8	30.9	28.4	25.5	26.9
25	29.4	28.4	28.9	31.3	30.3	30.8	32.4	30.9	31.4	25.6	25.0	25.3
26	29.2	28.4	28.7	31.2	29.8	30.4	31.9	30.8	31.1	25.7	24.5	25.1
27	28.9	27.7	28.4	31.9	30.4	31.1	31.0	30.2	30.6	25.9	23.9	24.7
28	29.4	27.9	28.7	32.4	30.7	31.7	30.8	30.0	30.5	27.3	25.2	26.1
29	30.3	28.4	29.3	32.0	31.2	31.5	30.5	29.7	30.1	28.0	26.3	27.1
30	30.7	29.2	29.9	31.3	30.1	30.7	30.3	29.0	29.6	29.2	27.1	28.0
31	---	---	---	30.9	29.7	30.1	29.8	28.9	29.2	---	---	---
MONTH	31.7	27.0	29.3	34.2	29.3	31.0	32.4	27.4	29.9	---	---	---

294319089485900 ALLIGATOR PASS NEAR DELACROIX, LA

LOCATION.--Lat 29°43'19", long 89°48'59", Plaquemines Parish, Hydrologic Unit 08090203, on a four pipe platform, located 2.0 miles southwest of Delacroix.

PERIOD OF RECORD.--February 2002 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Site affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 8.82 ft, Sept. 26, 2002; but may have been higher during period of missing record, Aug. 17-28 and Sept. 26-30; minimum gage height, 2.58 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.82 ft, Sept. 26; minimum gage height, 2.58 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				5.14	3.90	4.52	4.70	3.93	4.32	4.13	3.56	3.86
2				5.65	5.06	5.41	4.78	4.06	4.42	4.22	3.59	3.88
3				5.06	3.86	4.42	4.62	4.09	4.36	4.24	3.68	3.95
4				3.86	3.18	3.45	4.41	3.96	4.20	4.10	3.62	3.86
5				3.72	2.98	3.29	4.23	3.78	4.04	4.27	3.55	3.86
6				4.06	3.21	3.56	4.51	3.85	4.16	4.39	3.92	4.14
7				4.40	3.61	3.93	4.65	4.01	4.24	4.36	4.06	4.23
8				4.64	3.86	4.20	5.22	4.65	4.86	4.41	4.19	4.30
9				4.69	4.12	4.33	5.48	5.16	5.36	4.36	4.12	4.26
10				4.40	3.87	4.09	5.16	4.72	4.89	4.53	4.10	4.35
11				4.49	4.08	4.30	4.99	4.58	4.75	4.68	4.29	4.50
12				4.62	3.86	4.25	5.09	4.75	4.91	4.81	4.32	4.56
13				4.08	3.65	3.83	4.93	4.60	4.77	4.52	4.01	4.34
14				4.36	4.01	4.20	4.80	4.52	4.70	4.79	3.71	4.24
15				4.49	4.28	4.41	4.69	4.25	4.47	4.99	4.26	4.62
16				4.41	4.22	4.32	4.74	4.20	4.47	---	---	---
17				4.45	4.15	4.29	4.70	4.17	4.44	4.76	4.34	4.55
18				4.65	4.12	4.40	4.58	4.04	4.34	4.59	3.94	4.18
19				4.82	4.19	4.50	4.51	3.90	4.22	4.74	4.13	4.37
20				4.78	4.37	4.59	4.41	3.86	4.14	4.78	4.38	4.57
21				4.54	3.99	4.25	4.25	3.77	4.02	4.66	4.25	4.47
22				4.30	3.66	3.98	4.12	3.52	3.83	4.68	4.15	4.43
23				4.43	3.76	4.07	4.63	4.04	4.29	4.63	4.35	4.48
24				4.60	3.83	4.15	4.59	4.15	4.32	4.90	4.49	4.69
25				4.77	4.24	4.52	4.22	3.96	4.11	4.98	4.53	4.75
26	---	---	---	4.80	4.06	4.38	4.77	4.12	4.52	5.00	4.49	4.74
27	---	---	---	4.27	3.91	4.11	4.84	4.32	4.59	4.99	4.44	4.72
28	3.90	3.06	3.54	4.34	4.08	4.23	4.60	4.24	4.43	4.96	4.38	4.66
29	---	---	---	4.27	3.82	4.09	4.44	3.85	4.15	5.06	4.45	4.74
30	---	---	---	4.45	3.71	4.09	4.31	3.71	4.02	5.04	4.46	4.76
31	---	---	---	4.47	4.03	4.26	---	---	---	5.07	4.56	4.81
MONTH	---	---	---	5.65	2.98	4.21	5.48	3.52	4.41	---	---	---

MISSISSIPPI RIVER DELTA

294319089485900 ALLIGATOR PASS NEAR DELACROIX, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.02	4.54	4.74	4.55	4.20	4.39	4.11	3.69	3.94	5.56	5.01	5.31
2	4.71	4.31	4.51	4.38	4.12	4.25	4.33	3.67	4.08	5.60	5.02	5.31
3	4.57	4.21	4.42	4.17	3.86	4.05	4.85	4.14	4.55	5.60	4.95	5.29
4	4.56	4.21	4.39	4.04	3.71	3.91	5.34	4.50	4.97	5.65	4.93	5.28
5	4.82	4.41	4.60	3.99	3.63	3.82	5.54	4.69	5.21	5.41	4.92	5.15
6	4.77	4.46	4.66	4.39	3.62	4.07	5.03	4.55	4.78	5.52	4.77	5.16
7	4.74	4.37	4.56	4.53	4.03	4.28	4.96	4.34	4.66	6.28	5.41	5.90
8	4.73	4.27	4.50	4.81	4.01	4.44	4.89	4.16	4.55	6.25	5.74	6.00
9	5.07	4.32	4.74	4.84	4.32	4.58	5.56	4.69	5.08	5.96	5.50	5.68
10	5.38	4.81	5.10	5.05	4.32	4.69	5.75	5.13	5.38	5.76	5.15	5.38
11	5.37	4.82	5.09	5.08	4.60	4.83	5.64	5.30	5.44	5.33	4.67	5.01
12	5.18	4.80	5.00	5.00	4.50	4.75	5.42	4.91	5.07	5.07	4.79	4.93
13	5.00	4.54	4.77	4.81	4.42	4.59	4.93	4.50	4.74	5.73	5.02	5.44
14	4.81	4.27	4.48	4.51	3.88	4.21	4.77	4.23	4.52	6.02	4.99	5.60
15	4.87	4.09	4.47	4.20	3.83	3.97	4.91	4.29	4.67	5.23	4.49	4.98
16	4.75	4.21	4.46	4.02	3.71	3.86	5.09	4.54	4.83	4.95	4.33	4.67
17	4.81	4.24	4.50	3.99	3.71	3.84	5.10	4.55	4.87	4.85	4.21	4.55
18	4.87	4.57	4.75	4.18	3.71	3.94	---	---	---	4.74	4.17	4.46
19	4.89	4.67	4.80	4.16	3.76	3.97	---	---	---	4.79	4.15	4.51
20	4.90	4.58	4.74	4.29	3.73	4.03	---	---	---	4.88	4.52	4.69
21	5.06	4.51	4.79	4.35	3.75	4.06	---	---	---	5.22	4.47	4.85
22	5.35	4.76	5.07	4.50	3.80	4.15	---	---	---	5.75	5.20	5.37
23	5.31	4.87	5.09	4.46	3.81	4.14	---	---	---	6.31	5.75	6.05
24	5.23	4.74	4.98	4.47	3.76	4.11	---	---	---	7.92	6.27	6.80
25	5.17	4.61	4.89	4.57	3.79	4.15	---	---	---	8.56	7.12	7.97
26	4.96	4.56	4.77	4.51	3.95	4.22	---	---	---	---	---	---
27	4.89	4.31	4.60	4.45	3.96	4.22	---	---	---	---	---	---
28	4.75	4.29	4.55	4.38	3.92	4.14	---	---	---	---	---	---
29	4.71	4.20	4.47	4.25	3.98	4.12	4.50	4.18	4.35	---	---	---
30	4.67	4.32	4.51	4.19	3.92	4.05	4.81	4.38	4.65	---	---	---
31	---	---	---	4.26	3.93	4.07	5.04	4.69	4.94	---	---	---
MONTH	5.38	4.09	4.70	5.08	3.62	4.19	---	---	---	---	---	---

294319089485900 ALLIGATOR PASS NEAR DELACROIX, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2002 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 2002 to September 2002.
WATER TEMPERATURE: February 2002 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Records excellent Feb. 27-Mar. 26, Apr. 11-Sept. 30; records good Mar. 27-Apr. 10.
WATER TEMPERATURE: Records good Feb. 27-Sept. 30.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 14,800 microsiemens, Sept. 25, 2002; minimum, 470 microsiemens Mar. 13, 1999.
WATER TEMPERATURE: Maximum recorded, 34.6°C, July 17, 2002; minimum, 7.3°C Mar. 4, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 14,800 microsiemens/cm, Sept. 25; minimum, 470 microsiemens/cm, Mar. 13.
WATER TEMPERATURE: Maximum, 34.6°C, July 17; minimum, 7.3°C, Mar. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				3330	563	1240	668	600	630	1380	1030	1230
2				8620	2220	5900	941	621	665	1320	1070	1220
3				3350	1490	2410	936	663	763	1410	1170	1260
4				1700	978	1310	799	651	688	1350	1120	1250
5				1940	963	1270	710	617	675	1530	1070	1230
6				1880	921	1210	744	637	687	2220	1220	1510
7				1540	848	1170	772	656	697	2220	1510	1870
8				1580	1050	1290	1620	769	1200	2670	2180	2570
9				1920	877	1330	3470	1010	2630	3080	2340	2810
10				1030	599	747	2470	1140	1580	3150	2130	2830
11				1030	628	749	1650	820	1200	4190	2870	3520
12				1100	547	815	1750	1040	1370	4920	3030	3940
13				625	470	545	1650	875	1290	3950	2590	3310
14				721	493	569	1290	953	1100	4210	2190	2770
15				640	493	554	1270	806	998	3760	2950	3280
16				747	495	576	1200	830	1020	---	---	---
17				611	488	517	1190	827	1040	3900	3620	3750
18				608	477	509	1100	839	985	3820	3160	3430
19				649	487	529	985	778	894	3350	3060	3180
20				602	501	540	975	798	892	3690	3260	3460
21				571	511	535	973	762	865	3660	3330	3490
22				583	509	529	888	727	822	3550	3300	3450
23				559	521	538	913	790	835	3700	3320	3490
24				663	532	563	1160	874	1040	5250	3330	4150
25				692	536	574	1120	859	979	5840	4200	4900
26				810	571	643	1860	914	1340	6180	4470	5200
27				621	556	584	2290	1290	1690	6360	4520	5320
28	604	507	563	631	583	607	1860	1460	1670	6410	4580	5390
29	---	---	---	647	603	625	1610	1090	1420	7840	5040	5940
30	---	---	---	705	572	614	1500	1100	1320	7560	5430	6140
31	---	---	---	759	611	639	---	---	---	7940	5540	6240
MONTH	---	---	---	8620	470	975	3470	600	1100	---	---	---

294319089485900 ALLIGATOR PASS NEAR DELACROIX, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7910	5620	6320	2750	2060	2360	1340	963	1110	6360	3140	4950
2	6260	4720	5350	2540	1970	2280	1280	888	1110	7160	3730	5480
3	5260	4110	4610	2360	1670	2000	1720	945	1210	6910	3520	5400
4	4510	3880	4280	2110	1580	1840	4440	1230	2340	6460	3890	5380
5	5770	4260	4700	2270	1430	1740	5110	3270	4160	6000	3290	5170
6	5820	4690	5090	2000	1520	1740	4250	2530	3330	6060	3070	4760
7	5420	4330	4800	2020	1550	1730	3660	2250	2960	9600	5560	7650
8	4630	3840	4250	3420	1670	2190	3120	1840	2530	10900	7240	9050
9	7330	3870	5010	3860	2320	2720	5880	2230	3490	9000	4840	7630
10	9750	5480	7520	5070	2480	3360	8400	3840	5750	7860	4340	6280
11	9830	6230	7780	5790	3590	4380	8200	4160	6530	6050	4360	5210
12	8640	6490	7520	5360	3670	4480	7060	4260	5460	5750	3420	4630
13	7440	5560	6490	4850	3400	4000	4750	3560	4210	7410	4010	5790
14	6330	4330	4990	3700	2160	2710	4570	2360	3540	9440	5230	7050
15	5220	3830	4290	2360	1700	2040	4170	2410	3510	6870	3940	5360
16	5060	3960	4370	1970	1570	1740	4680	2930	3880	6010	3890	4790
17	4280	3360	3950	1980	1530	1710	---	---	---	4980	3930	4450
18	5100	3720	4250	1850	1490	1670	---	---	---	4700	3870	4270
19	5650	4340	4860	1740	1550	1670	---	---	---	4560	3820	4190
20	4810	4000	4440	1800	1580	1660	---	---	---	5080	3920	4520
21	5800	3700	4460	1800	1590	1700	---	---	---	7050	4510	5110
22	8630	4090	5990	1800	1530	1650	---	---	---	9130	6360	7720
23	8270	5100	6150	1720	1550	1640	---	---	---	12600	8610	11100
24	6620	4780	5620	1850	1460	1620	---	---	---	14000	12100	13200
25	5690	4160	5020	1770	1480	1620	---	---	---	14800	13200	14200
26	5000	3870	4450	1690	1320	1540	---	---	---	---	---	---
27	4460	3130	3670	1700	1370	1530	---	---	---	---	---	---
28	3770	2600	3250	1530	1080	1370	---	---	---	---	---	---
29	3190	2240	2640	1460	1100	1270	2680	2170	2500	---	---	---
30	2660	2150	2370	1310	1050	1150	3200	2480	2770	---	---	---
31	---	---	---	1260	1020	1170	4370	2670	3520	---	---	---
MONTH	9830	2150	4950	5790	1020	2070	---	---	---	---	---	---

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				11.7	10.0	10.7	22.8	20.9	21.7	28.1	26.6	27.3
2				13.3	11.7	12.2	23.0	20.5	21.7	28.2	26.5	27.3
3				13.2	8.9	11.4	25.0	22.7	23.6	28.3	27.0	27.6
4				9.2	7.3	8.3	23.1	19.4	21.0	28.7	27.2	27.8
5				10.4	7.7	8.9	20.0	18.2	19.1	29.4	27.8	28.5
6				12.7	9.4	10.9	19.1	17.2	18.3	28.9	28.1	28.5
7				15.3	11.9	13.3	20.4	17.7	18.8	28.8	28.1	28.4
8				17.6	14.3	15.8	21.8	20.2	20.8	29.1	28.0	28.5
9				19.6	16.7	18.1	21.0	20.2	20.6	28.9	27.9	28.4
10				18.1	14.3	15.4	22.8	20.3	21.5	29.6	28.2	28.8
11				16.2	13.6	15.1	22.8	21.8	22.3	28.9	27.9	28.4
12				18.0	15.8	16.7	23.1	21.5	22.3	28.6	27.6	28.1
13				17.1	15.7	16.2	22.7	21.9	22.3	28.3	27.0	27.9
14				17.5	15.4	16.5	23.9	21.9	22.5	27.0	24.0	24.9
15				21.4	17.4	18.9	25.0	22.6	23.7	25.1	24.1	24.6
16				23.2	21.0	21.9	26.0	23.8	24.8	---	---	---
17				24.6	22.5	23.5	26.9	24.5	25.6	26.6	25.7	26.1
18				24.6	23.5	24.1	27.7	25.6	26.6	26.5	23.4	25.2
19				25.2	23.8	24.3	28.3	26.3	27.1	23.4	21.4	22.1
20				24.6	23.7	24.1	28.6	26.7	27.5	21.9	20.7	21.3
21				24.0	20.4	22.4	28.3	26.6	27.5	22.6	21.1	21.8
22				20.4	16.8	18.3	29.1	26.6	27.5	23.1	21.8	22.4
23				17.9	15.2	16.5	28.0	26.5	27.2	23.8	22.1	22.8
24				19.0	16.0	17.4	27.5	26.1	26.9	25.0	23.0	23.9
25				21.0	18.0	19.4	28.7	26.7	27.4	26.9	24.6	25.5
26				22.6	20.5	21.4	27.6	26.2	26.9	27.7	25.7	26.7
27				20.9	18.2	19.9	27.8	26.5	27.2	28.4	26.4	27.4
28	11.1	9.2	10.1	21.2	19.3	20.2	28.0	26.5	27.2	29.3	27.2	28.1
29	---	---	---	22.8	20.7	21.8	28.6	26.9	27.6	29.6	27.7	28.5
30	---	---	---	24.1	22.2	23.1	28.6	27.3	27.8	29.1	27.8	28.3
31	---	---	---	23.6	22.7	23.3	---	---	---	29.4	27.3	28.2
MONTH	---	---	---	25.2	7.3	17.7	29.1	17.2	24.2	---	---	---

294319089485900 ALLIGATOR PASS NEAR DELACROIX, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.4	27.8	28.9	31.4	29.9	30.5	30.8	29.6	30.1	29.4	28.4	28.7
2	30.7	28.4	29.4	31.8	29.9	30.6	31.1	28.8	29.8	28.5	27.7	28.2
3	31.7	29.0	30.2	32.4	30.4	30.9	30.7	29.0	29.9	28.3	27.7	28.1
4	32.0	29.6	30.7	31.6	30.2	30.8	30.3	28.4	29.3	28.1	27.3	27.7
5	30.8	29.3	30.0	31.5	29.9	30.7	29.5	27.6	28.4	28.1	27.0	27.4
6	31.1	28.9	29.6	31.3	29.2	30.4	29.2	28.3	28.8	28.0	27.5	27.7
7	30.8	29.6	30.1	31.7	29.8	30.7	31.5	28.5	29.4	27.5	26.8	27.0
8	30.9	29.6	30.2	31.0	29.7	30.5	31.1	30.0	30.5	27.0	26.5	26.7
9	30.4	29.5	30.0	31.3	29.6	30.5	30.6	29.1	29.6	28.3	26.6	27.2
10	30.1	28.2	29.3	31.8	29.9	30.9	29.2	27.8	28.6	29.3	27.6	28.3
11	30.4	28.5	29.4	32.5	30.2	31.2	28.7	28.0	28.3	30.6	28.1	29.3
12	31.3	29.1	30.0	32.1	30.9	31.4	28.5	27.4	27.9	31.4	29.5	30.3
13	32.0	30.0	30.7	31.2	30.1	30.5	29.2	27.5	28.1	30.5	29.1	29.7
14	31.8	29.8	30.8	30.4	29.4	29.9	28.9	28.5	28.7	29.8	28.3	29.0
15	30.8	28.2	29.6	30.6	29.1	30.0	29.6	28.0	28.8	31.0	28.9	29.6
16	29.9	28.5	29.2	32.9	29.8	30.9	29.4	28.7	29.1	31.1	29.2	29.8
17	29.4	27.8	28.5	34.6	31.0	32.0	---	---	---	30.6	29.4	29.7
18	29.4	27.4	28.4	33.1	31.7	32.4	---	---	---	30.6	29.3	29.8
19	29.2	28.0	28.6	33.1	30.9	31.8	---	---	---	30.5	29.1	29.8
20	29.7	28.0	28.8	33.4	31.4	32.3	---	---	---	30.3	29.0	29.6
21	29.7	28.1	28.9	33.3	31.4	32.2	---	---	---	31.1	29.2	30.0
22	29.0	27.8	28.2	31.8	29.9	30.8	---	---	---	31.0	29.5	30.2
23	28.4	26.8	27.6	31.4	28.8	29.9	---	---	---	29.5	27.7	28.3
24	29.1	27.1	28.0	31.6	30.1	30.8	---	---	---	27.9	25.3	26.6
25	29.8	28.1	28.7	31.4	29.4	30.3	---	---	---	25.3	24.6	24.9
26	29.2	28.2	28.7	31.0	29.1	30.0	---	---	---	---	---	---
27	29.3	27.8	28.3	32.0	29.9	30.8	---	---	---	---	---	---
28	29.6	27.7	28.5	32.8	30.8	31.5	---	---	---	---	---	---
29	31.2	28.4	29.5	32.1	31.1	31.5	31.9	30.2	31.0	---	---	---
30	31.6	29.0	30.1	31.3	29.8	30.6	31.0	29.9	30.3	---	---	---
31	---	---	---	31.2	29.0	30.0	30.2	29.3	29.6	---	---	---
MONTH	32.0	26.8	29.3	34.6	28.8	30.9	---	---	---	---	---	---

294638089472600 LAKE LERY NEAR DELACROIX, LA

LOCATION.--Lat 29°46'38", long 89°47'26", in sec. 33, T. 14 S., R. 14 E., St. Bernard Parish, Hydrologic Unit 08090203, on a four pipe platform, 2.0 miles northwest of Delacroix.

PERIOD OF RECORD.--March 2001 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is assumed.

REMARKS.--Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 4,550 ft^3/s, June 27, 2001; maximum gage height, 10.41 ft, Sept.26, 2002; maximum negative discharge, -5,030 ft^3/s, Mar. 29, 2001; minimum gage height, 3.37 ft, Mar. 6, 2001.

EXTREMES FOR CURRENT YEAR.--2001 W.Y: Maximum discharge, 4,550 ft^3/s, June 27, maximum gage height, 6.38 ft, Sept. 14; maximum negative discharge, -5,030 ft^3/s, Mar. 29, minimum gage height, 3.37 ft, Mar. 6.
2002 W.Y.: Maximum discharge, 3,930 ft^3/s, Oct. 13, gage height, 1.47 ft; maximum gage height, 10.41 ft, Sept. 26; maximum negative discharge, -- ft^3/s, minimum gage height, 3.72 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							1230	-1200	1550	-274	-350	501
2							288	-132	771	-266	-1470	544
3							207	-353	301	37	-1990	725
4							404	660	-228	665	-1460	685
5							76	1350	-769	1220	-681	863
6							-493	1090	-786	655	-153	751
7						-288	8.3	884	921	526	1710	529
8						1250	778	-27	1800	863	2160	327
9						1350	913	236	1500	1060	1860	84
10						1050	138	613	1340	1230	1950	364
11						749	-524	590	1880	1120	1160	587
12						1520	71	1130	1840	851	1290	-1240
13						2810	1050	1270	1250	850	948	-2940
14						1560	1060	913	724	718	705	-1970
15						1530	1430	1420	1590	-203	-50	350
16						3100	-248	1740	1060	-994	258	1930
17						2310	997	1370	-646	-353	466	1220
18						1880	-949	920	-783	149	421	838
19						2170	650	1430	-35	456	212	950
20						3000	-669	938	243	881	95	768
21						3480	-1380	296	329	891	110	-568
22						2800	-1250	877	918	-56	-197	42
23						1940	-418	-56	0.56	-594	426	200
24						863	1560	715	-99	-376	629	481
25						593	555	577	360	491	208	-379
26						-581	-110	332	339	1610	505	-110
27						-515	783	592	1220	1140	762	411
28						-1250	123	1140	1270	1160	618	6.1
29						-2000	-434	1230	547	1310	556	-494
30						1640	-1520	1030	-211	1200	202	-348
31						1450	---	1010	---	999	311	---
TOTAL						---	4326.3	22585	18196.56	16966	11211	5107.1

294638089472600 LAKE LERY NEAR DELACROIX, LA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1740	-12	385	514	2920	-2200	-226	617	724	765	---	---
2	679	-281	648	832	---	-2080	-103	217	877	778	---	---
3	507	-677	648	2400	1360	2120	569	72	742	810	---	---
4	-329	-110	714	1880	1250	2420	332	525	441	638	---	---
5	-733	-438	103	-230	57	1890	524	37	-386	581	---	---
6	-246	553	503	2400	625	1550	-337	-570	166	-283	---	---
7	-1030	884	351	2810	2920	1480	-118	-211	440	130	---	---
8	-892	623	554	2160	2390	1410	-1470	-120	528	-298	---	---
9	-2660	917	349	1930	2090	1970	-1500	129	-561	-26	---	---
10	-2330	868	349	1410	2190	2040	1420	-398	-1150	-268	---	---
11	-616	539	-390	1370	2700	1760	699	-473	-391	-255	---	---
12	201	444	262	1430	2090	2310	294	-399	488	127	---	---
13	208	-296	864	1350	1840	2700	886	1050	1080	663	---	---
14	2780	-997	1520	1060	1350	1870	856	-324	1860	---	---	---
15	194	306	458	1470	1540	1890	897	-904	399	---	---	---
16	2290	843	576	1580	1620	2400	411	---	915	---	---	---
17	932	1120	937	1300	1000	2400	576	---	439	---	---	---
18	1250	884	2320	1430	-516	1800	692	1360	-182	---	---	---
19	780	165	2060	1950	-928	913	730	-621	219	---	---	---
20	378	644	2010	871	-193	978	750	-516	470	---	---	---
21	32	-540	914	1590	39	1530	780	103	-30	---	---	---
22	162	-730	445	690	1130	957	898	14	-730	---	---	---
23	149	-362	1110	469	829	313	-1090	-70	-251	---	---	---
24	356	-716	1520	523	383	232	283	-659	504	---	---	---
25	314	456	1320	759	190	-490	645	-458	653	---	---	---
26	-509	432	2070	1060	1200	918	-1300	-249	1130	---	---	---
27	1790	---	1600	1170	1970	898	-776	-97	910	---	---	---
28	317	---	523	1480	-1170	230	458	27	929	---	---	---
29	827	---	880	1580	---	814	684	-289	771	---	---	---
30	432	1630	368	1720	---	-154	566	191	682	---	---	---
31	343	---	608	1870	---	221	---	112	---	---	---	---
TOTAL	7316	---	26579	42828	---	35090	7030	---	11686	---	---	---

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							5.03	5.66	4.59	5.12	4.74	5.12
2							4.93	5.70	4.45	5.21	5.21	5.10
3							5.09	5.75	4.50	5.30	5.65	5.03
4							5.05	5.72	4.71	5.22	5.92	5.03
5							5.10	5.59	4.94	5.09	5.94	5.03
6							5.23	5.48	5.66	4.95	5.99	5.08
7						3.72	5.32	5.38	5.61	4.95	5.77	5.13
8						4.21	5.27	5.40	5.50	4.86	5.42	5.20
9						4.67	5.13	5.50	5.30	4.69	5.11	5.33
10						4.90	5.06	5.46	5.27	4.49	4.86	5.32
11						5.19	5.18	5.48	5.60	4.28	4.75	5.23
12						5.66	5.31	5.43	5.18	4.30	4.76	5.33
13						5.52	5.23	5.27	5.04	4.18	4.80	5.91
14						5.33	4.95	5.18	4.95	4.42	4.77	6.21
15						5.81	4.76	5.07	4.71	4.64	4.88	6.10
16						5.52	4.61	4.87	4.29	5.00	4.99	5.77
17						5.27	4.64	4.65	4.34	5.19	4.94	5.52
18						5.44	4.53	4.66	4.54	5.18	4.92	5.35
19						5.49	4.57	4.58	4.82	5.14	4.94	5.42
20						5.40	4.80	4.43	4.74	5.03	5.00	5.25
21						4.84	5.13	4.56	4.71	4.84	5.05	5.41
22						4.62	5.40	4.62	4.62	4.92	5.13	5.50
23						4.50	5.54	4.69	4.56	5.22	5.21	5.50
24						4.64	5.38	4.82	4.78	5.33	5.15	5.44
25						4.56	5.14	4.75	4.88	5.46	5.12	5.41
26						4.61	5.14	4.80	4.85	5.24	5.09	5.49
27						4.74	5.10	4.91	4.89	5.22	4.99	5.47
28						5.03	4.98	4.81	4.79	5.13	4.98	5.46
29						5.86	5.15	4.65	4.81	4.95	5.03	5.56
30						5.60	5.36	4.55	4.96	4.77	5.08	5.70
31						5.24	---	4.55	---	4.68	5.14	---
MAX						---	5.54	5.75	5.66	5.46	5.99	6.21
MIN						---	4.53	4.43	4.29	4.18	4.74	5.03

294638089472600 LAKE LERY NEAR DELACROIX, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.47	5.36	5.33	5.18	5.37	4.87	5.07	4.79	5.59	5.34	4.80	5.93
2	5.16	5.53	5.26	5.26	5.03	5.83	5.17	4.75	5.43	5.19	4.83	6.08
3	5.07	5.60	5.11	4.87	4.94	5.60	5.22	4.78	5.31	4.96	5.19	6.10
4	5.19	5.63	5.14	4.47	4.82	4.77	5.00	4.73	5.24	4.80	5.51	6.10
5	5.35	5.59	5.22	4.74	4.93	4.37	4.86	4.62	5.34	4.71	5.88	6.07
6	5.46	5.50	5.17	5.28	5.75	4.51	4.85	4.86	5.47	4.81	5.63	5.99
7	5.50	5.39	5.07	4.63	5.42	4.81	4.98	5.00	5.41	5.07	5.51	6.44
8	5.54	5.38	4.99	4.29	5.11	5.08	5.45	5.09	5.36	5.16	5.38	6.73
9	5.88	5.31	4.84	4.22	5.03	5.32	5.99	5.05	5.45	5.37	5.62	6.61
10	6.30	5.20	4.80	4.38	5.12	5.06	5.81	5.07	5.76	5.43	5.94	6.39
11	6.48	5.13	4.83	4.58	4.80	5.20	5.58	5.23	5.84	5.60	6.14	6.08
12	6.70	5.14	5.20	4.67	4.66	5.38	5.69	5.32	5.85	5.59	6.03	5.83
13	6.68	5.26	5.28	4.72	4.73	5.02	5.62	5.25	5.71	5.51	5.74	6.06
14	6.50	5.61	5.32	4.90	4.76	5.08	5.54	4.96	5.51	5.29	5.50	6.37
15	6.18	5.65	5.26	4.91	4.79	5.31	5.37	5.27	5.31	5.01	5.51	6.04
16	6.05	5.47	5.50	4.82	4.68	5.30	5.30	---	5.39	4.83	5.68	5.73
17	5.66	5.22	5.62	4.73	4.41	5.29	5.28	---	5.34	4.77	5.73	5.54
18	5.57	5.03	5.23	4.78	4.48	5.31	5.20	5.17	5.53	4.78	5.68	5.42
19	5.48	4.99	5.09	4.80	5.03	5.36	5.09	5.04	5.63	4.86	5.64	5.38
20	5.40	4.88	4.75	4.64	5.40	5.49	5.02	5.27	5.59	4.88	5.61	5.52
21	5.39	4.93	4.90	4.85	5.34	5.27	4.90	5.26	5.57	4.93	5.61	5.58
22	5.38	5.10	5.07	4.80	5.21	4.88	4.70	5.20	5.77	4.98	5.60	5.98
23	5.45	5.38	5.39	4.95	4.88	4.88	4.90	5.25	5.88	5.00	5.55	6.44
24	5.54	5.51	5.09	4.97	4.78	4.97	5.13	5.39	5.86	4.98	5.46	7.04
25	5.41	5.33	4.98	4.84	4.84	5.23	4.92	5.49	5.80	5.03	5.32	8.13
26	5.51	5.31	4.86	4.90	4.86	5.36	5.12	5.51	5.75	5.09	5.28	9.76
27	5.34	5.30	4.45	5.02	4.01	4.97	5.31	5.51	5.60	5.09	5.21	8.26
28	5.18	5.55	4.71	5.15	4.13	5.03	5.31	5.47	5.54	5.03	5.18	7.23
29	5.13	5.81	5.00	5.19	---	5.00	5.06	5.50	5.43	5.02	5.16	6.58
30	5.22	5.41	5.07	5.30	---	4.87	4.92	5.59	5.41	4.92	5.38	6.16
31	5.25	---	5.18	5.42	---	5.08	---	5.59	---	4.91	5.64	---
MAX	6.70	5.81	5.62	5.42	5.75	5.83	5.99	---	5.88	5.60	6.14	9.76
MIN	5.07	4.88	4.45	4.22	4.01	4.37	4.70	---	5.24	4.71	4.80	5.38

294905089525100 BAYOU MANDEVILLE NEAR CAERNARVON, LA

LOCATION.--Lat 29°49'05", long 89°52'51", in sec. 26, T. 14 S., R. 13 E., St. Bernard Parish, Hydrologic Unit 08090203, on a four pipe platform, located 2.5 miles south of Caernarvon, La.

PERIOD OF RECORD.--March 2001 to Oct. 2001 (site destroyed). Nov. 2001 to Aug. 2002 (site destroyed).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is assumed. Prior to Oct. 2, 2001 datum of gage -5.288 ft NAVD 88.

REMARKS.--No estimated daily discharges. Records poor. Site affected by wind and tide. Diversion upstream of gage. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 3,380 ft^3/s, Mar. 21, 2001; maximum gage height, 7.22 ft, Mar. 15, 2001; maximum negative discharge, -1,750 ft^3/s, Apr. 8, 2002; minimum gage height, 2.65 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--2001 W.Y.:Maximum positive discharge, 3,380 ft^3/s, Mar. 21, maximum gage height, 7.22 ft, Mar. 15; minimum negative discharge, -1,670 ft^3/s, Mar. 28, minimum gage height, 4.27 ft, Mar. 6.
2002 W.Y.: Maximum positive discharge, 3,280 ft^3/s, Feb. 1, maximum gage height, 6.69 ft, Oct. 1; minimum negative discharge, -1,750 ft^3/s, Apr. 8, minimum gage height, 2.65 ft, Feb. 27.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							971	-366	1430	635	682	733
2							400	394	1420	587	93	815
3							291	412	1260	654	-280	989
4							446	728	1010	869	-221	1060
5							324	1090	255	1090	-146	1060
6							-51	1090	-512	1070	-200	969
7						1240	24	1060	372	934	506	843
8						3110	521	744	---	1030	506	825
9						3100	780	904	---	1100	---	774
10						3070	444	1080	---	1180	---	895
11						2900	-14	1060	1200	1240	---	849
12						2760	213	1210	1310	1090	---	127
13						2870	716	1340	857	1150	---	-956
14						2630	872	1300	500	1030	---	-1170
15						2720	910	1470	737	460	---	-235
16						2960	490	1600	615	108	902	774
17						3000	830	1600	-156	535	893	771
18						2890	267	1410	-231	705	909	536
19						2850	647	1490	-105	833	842	350
20						---	22	1490	266	1010	771	526
21						3250	-381	1280	602	1150	778	49
22						2750	-482	1440	975	746	692	552
23						1940	-11	1230	921	421	868	641
24						1180	932	1270	735	452	917	796
25						871	856	1270	811	572	839	653
26						238	423	1120	873	1200	909	404
27						96	661	1140	1050	1230	916	648
28						-96	482	1350	1140	1180	886	624
29						-976	96	1440	985	1260	852	523
30						636	-476	1390	722	1260	786	393
31						1090	---	1340	---	1140	676	---
TOTAL	-					---	11203	35376	---	27921	---	15818

294905089525100 BAYOU MANDEVILLE NEAR CAERNARVON, LA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	875	---	---	---	3150	-683	378	---	419	1020	194	---
2	---	---	---	---	3060	-958	315	---	749	1060	329	---
3	---	---	---	---	2990	860	564	---	764	982	---	---
4	---	---	---	---	2980	1510	667	---	648	351	---	---
5	---	---	---	---	2740	2460	684	---	308	242	---	---
6	---	---	---	---	2420	---	298	---	427	398	---	---
7	---	---	---	---	2690	2180	55	---	688	232	---	---
8	---	---	---	---	2780	1850	-371	-2.8	973	304	---	---
9	---	---	---	---	2870	1660	-746	432	573	472	---	---
10	---	---	---	2370	2900	2680	---	150	131	463	---	---
11	---	---	---	2290	2910	2420	691	50	328	319	---	---
12	---	---	---	2210	2780	2590	441	147	678	502	---	---
13	---	---	---	2110	2690	2410	770	754	1060	689	---	---
14	---	---	---	2070	2610	2510	692	428	1250	977	---	---
15	---	---	---	2210	2370	2490	810	---	1110	855	---	---
16	---	---	---	2140	1560	2560	580	---	963	---	---	---
17	---	---	---	1560	1200	2630	598	---	862	---	---	---
18	---	---	---	2120	577	2030	607	915	592	---	---	---
19	---	---	---	2240	79	1160	675	389	667	---	---	---
20	---	---	---	1940	318	898	601	73	776	---	---	---
21	---	---	---	1320	320	1160	661	361	717	509	---	---
22	---	---	---	991	735	1140	674	365	319	573	---	---
23	---	---	---	426	811	705	-89	367	303	---	---	---
24	---	---	---	327	558	532	206	15	643	685	---	---
25	---	---	---	1220	433	286	573	60	---	713	---	---
26	---	---	---	2300	838	641	-249	185	---	700	---	---
27	---	---	---	2350	1000	1010	-169	279	---	777	---	---
28	---	---	---	2490	252	454	321	359	---	761	---	---
29	---	---	---	2710	---	569	582	228	---	504	---	---
30	---	---	---	2790	---	418	---	248	988	347	---	---
31	---	---	---	2930	---	364	---	256	---	441	---	---
TOTAL	---	---	---	---	50621	---	---	---	---	---	---	---

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							6.14	6.67	5.75	6.18	5.88	6.20
2							6.06	6.76	5.60	6.27	6.29	6.18
3							6.12	6.81	5.66	6.34	6.61	6.12
4							6.11	6.82	5.86	6.29	6.81	6.14
5							6.14	6.71	6.18	6.18	6.90	6.18
6							6.28	6.60	6.70	6.06	6.97	6.20
7						5.02	6.38	6.49	6.70	6.04	6.86	6.23
8						6.14	6.32	6.48	---	5.96	6.62	6.29
9						6.51	6.20	6.56	---	5.80	6.40	6.39
10						6.68	6.12	6.57	---	5.62	6.17	6.40
11						6.87	6.26	6.58	6.70	5.43	6.03	6.34
12						7.11	6.35	6.52	6.41	5.42	6.00	6.38
13						7.12	6.26	6.40	6.19	5.33	6.00	6.76
14						7.00	6.02	6.32	6.06	5.56	5.92	7.05
15						7.20	5.81	6.23	5.80	5.70	5.97	7.10
16						7.14	5.64	6.08	5.33	6.07	6.05	6.90
17						7.04	5.65	5.89	5.34	6.23	6.03	6.63
18						7.08	5.57	5.85	5.57	6.23	5.99	6.43
19						7.09	5.64	5.76	5.83	6.21	5.98	6.44
20						7.05	5.86	5.62	5.79	6.12	6.06	6.26
21						6.87	6.19	5.71	5.77	5.96	6.10	6.40
22						6.51	6.46	5.74	5.71	6.02	6.19	6.50
23						5.99	6.58	5.79	5.66	6.25	6.29	6.51
24						5.79	6.43	5.92	5.86	6.38	6.23	6.46
25						5.60	6.18	5.88	5.96	6.51	6.21	6.43
26						5.61	6.17	5.91	5.97	6.39	6.19	6.50
27						5.79	6.15	6.00	6.02	6.37	6.10	6.48
28						6.13	6.06	5.94	5.93	6.28	6.08	6.46
29						6.70	6.20	5.83	5.90	6.12	6.12	6.55
30						6.64	6.44	5.74	6.03	5.95	6.17	6.68
31						6.35	---	5.71	---	5.84	6.21	---
MAX						---	6.58	6.82	---	6.51	6.97	7.10
MIN						---	5.57	5.62	---	5.33	5.88	6.12

294905089525100 BAYOU MANDEVILLE NEAR CAERNARVON, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.51	---	---	---	5.00	3.75	3.90	---	4.39	4.15	3.65	---
2	---	---	---	---	4.83	4.54	4.04	---	4.22	4.04	3.66	---
3	---	---	---	---	4.72	4.31	4.03	---	4.11	3.87	---	---
4	---	---	---	---	4.60	3.88	3.83	---	4.05	3.69	---	---
5	---	---	---	---	4.61	3.99	3.70	---	4.15	3.58	---	---
6	---	---	---	---	4.92	4.22	3.72	---	4.23	3.66	---	---
7	---	---	---	---	4.79	4.44	3.92	---	4.18	3.89	---	---
8	---	---	---	---	4.67	4.61	4.32	3.90	4.16	4.01	---	---
9	---	---	---	---	4.64	4.75	4.74	3.85	4.27	4.18	---	---
10	---	---	---	3.81	4.66	4.66	---	3.89	4.57	4.24	---	---
11	---	---	---	3.92	4.50	4.70	4.51	4.06	4.65	4.38	---	---
12	---	---	---	3.94	4.33	4.79	4.56	4.14	4.63	4.37	---	---
13	---	---	---	3.96	4.30	4.56	4.47	4.01	4.51	4.31	---	---
14	---	---	---	4.07	4.26	4.63	4.38	3.78	4.33	4.14	---	---
15	---	---	---	4.14	4.19	4.78	4.25	4.08	4.15	3.89	---	---
16	---	---	---	4.06	3.76	4.82	4.20	---	4.19	3.70	---	---
17	---	---	---	3.77	3.43	4.82	4.15	---	4.19	3.60	---	---
18	---	---	---	4.01	3.46	4.69	4.07	3.96	4.34	3.59	---	---
19	---	---	---	4.03	3.98	4.45	3.96	3.82	4.42	3.66	---	---
20	---	---	---	3.96	4.23	4.42	3.88	4.07	4.39	3.66	---	---
21	---	---	---	4.06	4.20	4.17	3.74	4.07	4.37	3.71	---	---
22	---	---	---	3.86	4.06	3.81	3.56	4.04	4.51	3.79	---	---
23	---	---	---	3.78	3.74	3.78	3.74	4.06	4.64	---	---	---
24	---	---	---	3.78	3.68	3.87	3.95	4.19	4.66	3.79	---	---
25	---	---	---	3.77	3.74	4.11	3.73	4.28	---	3.84	---	---
26	---	---	---	4.14	3.64	4.19	3.91	4.30	---	3.93	---	---
27	---	---	---	4.28	2.92	3.88	4.13	4.28	---	3.93	---	---
28	---	---	---	4.50	2.99	3.90	4.11	4.25	---	3.87	---	---
29	---	---	---	4.70	---	3.86	3.88	4.29	---	3.86	---	---
30	---	---	---	4.82	---	3.76	---	4.35	4.24	3.78	---	---
31	---	---	---	4.97	---	3.90	---	4.40	---	3.76	---	---
MAX	---	---	---	---	5.00	4.82	---	---	---	---	---	---
MIN	---	---	---	---	2.92	3.75	---	---	---	---	---	---

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA--Continued

LOCATION.--Lat 29°51'24", long 89°54'21", IN SEC. 27, T. 14 S., R. 13 E., St. Bernard Parish, Hydrologic Unit 08090203, on a four pipe platform 500 yards downstream of the outfall channel of the Caernarvon control diversion structure.

PERIOD OF RECORD.--January 2001 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 0.148 ft below NAVD 88.

REMARKS.--Records poor. Site affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 9,480 ft^3/s, Feb. 1, 2002; maximum gage height recorded,6.00 ft, Sept. 26; but may have been higher during period of missing record, Sept. 26-30; maximum negative discharge, -1,330 ft^3/s, Feb. 8, 2001; minimum gage height, -1.16 ft, Mar. 6, 2001.

EXTREMES FOR CURRENT YEAR.--2001 W.Y.: Maximum discharge, 8,360 ft^3/s, Mar. 14; minimum discharge, -1,330 ft^3/s, Feb. 8, maximum gage height, 2.90 ft, Mar. 14; minimum gage height, -1.16 ft, Mar. 6.
2002 W.Y.: Maximum discharge, 9,480 ft^3/s, Feb. 1; minimum discharge, -571 ft^3/s, Nov. 24; Maximum gage height, 5.91 ft, Sept. 26; minimum gage height, 0.22 ft, Feb. 27, 28.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					5140	102	477	991	1970	1400	1150	1060
2					5090	-65	272	1400	1970	1390	1210	1140
3					5170	-97	216	1380	1950	1360	361	1300
4					5030	241	521	1310	1850	1350	90	1360
5					4920	153	690	1240	1210	1350	-4.2	1360
6					4790	96	690	1200	60	1410	47	1340
7					2810	5480	644	1180	-27	1350	117	1410
8					1140	7400	627	1200	-43	1310	1040	1400
9					-127	7420	653	1700	79	1310	1660	1360
10					128	7330	661	1850	54	1400	1650	1260
11					27	7300	606	1810	133	1420	1770	1220
12					102	7270	527	1770	90	1460	1820	561
13					91	7110	672	1750	-84	1440	1550	-3.3
14					-29	5620	685	1850	-127	1320	1400	69
15					446	7330	650	2000	60	1310	1400	31
16					504	6990	681	2010	46	1290	1400	89
17					621	6810	763	1990	-10	1290	1320	105
18					653	6720	776	1930	98	1320	1280	61
19					660	6640	745	1930	62	1300	1290	18
20					541	6600	724	1970	374	1270	1320	80
21					566	6660	724	1990	768	1330	1330	398
22					464	2210	735	2070	1220	1290	1390	1100
23					473	610	767	2090	1410	1240	1500	1010
24				3080	419	528	688	1960	1400	1260	1400	1030
25				2800	455	478	631	1890	1420	1320	1340	1140
26				3050	435	544	678	1850	1420	1250	1260	811
27				3150	387	529	654	1860	1420	1270	1290	922
28				3410	234	517	675	1900	1500	1360	1210	1110
29				3970	---	213	694	1990	1520	1370	1100	1290
30				4270	---	264	640	1970	1460	1350	1070	1090
31				4860	---	545	---	1990	---	1190	974	---
TOTAL				---	41140	109548	19166	54021	23253	41280	35734.8	25121.7
MEAN				---	1469	3534	638.9	1743	775.1	1332	1153	837.4

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	488	1550	116	2490	8020	232	605	226	781	1250	1210	88
2	177	900	95	3020	6720	140	635	238	793	1390	1240	185
3	39	-49	1760	3610	6190	206	561	281	790	1380	1200	172
4	131	-93	2330	3640	5680	2470	596	384	805	1260	1050	167
5	89	-12	81	3610	5650	5340	645	471	807	1170	96	161
6	98	---	92	3530	5500	6030	637	399	813	1110	203	119
7	96	---	99	3700	5370	6240	620	321	1070	1090	144	148
8	89	1710	54	4040	5710	6160	588	263	1390	1220	85	198
9	71	1600	-2.3	4110	5950	6060	626	702	1390	1250	174	228
10	163	1550	73	4170	5940	5900	568	733	1370	1240	178	102
11	152	1580	1330	4050	4930	5690	577	694	1390	1210	140	99
12	114	1490	3250	3830	4530	5910	617	698	1340	1220	191	19
13	84	1500	3400	3620	4440	4320	533	729	1320	1170	174	11
14	195	1600	3300	3950	4450	6670	593	739	1310	1150	175	108
15	172	840	3360	4350	2740	6500	623	778	1300	1140	63	110
16	63	62	3370	2790	623	6530	644	---	1270	1210	79	128
17	119	---	3170	2560	631	6530	676	670	1350	1200	96	68
18	120	---	3160	4120	652	2300	690	636	1390	1180	115	129
19	78	---	3230	4020	613	798	707	705	1350	1160	90	33
20	8.0	---	2810	3840	501	573	604	664	1360	1150	87	-2.1
21	100	---	2560	3720	541	566	580	711	1350	1150	159	185
22	616	---	2570	1110	500	713	588	705	1340	1200	109	117
23	1590	---	2660	-160	616	738	621	726	1330	1110	175	81
24	1470	-120	2710	-128	560	709	568	744	1330	1200	131	155
25	1400	37	2730	3050	556	919	585	710	1350	1200	68	90
26	1460	7.7	2600	4790	733	856	518	727	1330	1240	-23	---
27	1340	14	2510	4950	768	916	318	729	1280	1260	91	---
28	1360	-2.7	2540	5740	662	679	493	691	1300	1220	28	---
29	1390	62	2520	6520	---	388	569	698	1380	1250	-45	---
30	1470	124	2500	7330	---	472	373	676	1320	1230	53	---
31	1470	---	2490	8500	---	515	---	741	---	1180	156	---
TOTAL	16212.0	---	63467.7	118472	89776	92070	17558	---	36699	37390	7692	---
MEAN	523.0	---	2047	3822	3206	2970	585.3	---	1223	1206	248.1	---

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					1.80	-0.25	1.11	1.59	1.04	1.17	0.92	1.21
2					1.93	-0.83	1.01	1.70	0.96	1.25	1.22	1.21
3					1.87	-0.93	1.09	1.75	0.99	1.32	1.43	1.19
4					1.75	-0.46	1.07	1.78	1.10	1.30	1.62	1.23
5					1.68	-0.57	1.09	1.71	1.21	1.24	1.73	1.26
6					1.58	-0.90	1.22	1.61	1.60	1.14	1.82	1.25
7					1.29	0.94	1.35	1.50	1.62	1.10	1.76	1.28
8					0.47	2.19	1.30	1.45	1.61	1.04	1.65	1.31
9					-0.40	2.42	1.19	1.58	1.42	0.94	1.57	1.39
10					-0.53	2.52	1.10	1.61	1.37	0.85	1.40	1.40
11				-0.20	-0.51	2.59	1.24	1.62	1.68	0.77	1.26	1.34
12				-0.10	-0.43	2.74	1.33	1.58	1.43	0.76	1.23	1.27
13				-0.32	-0.48	2.75	1.25	1.49	1.17	0.71	1.17	1.53
14				-0.28	-0.73	2.55	1.03	1.42	1.01	0.76	1.04	1.81
15				-0.62	-0.03	2.81	0.85	1.40	0.75	0.80	1.04	1.94
16				-0.45	0.93	2.79	0.60	1.32	0.24	1.05	1.11	1.81
17				-0.32	0.65	2.72	0.63	1.19	0.20	1.20	1.07	1.55
18				-0.65	0.53	2.72	0.52	1.11	0.43	1.23	1.04	1.35
19				-0.80	0.34	2.70	0.65	1.07	0.69	1.22	1.02	1.33
20				-0.62	0.27	2.67	0.83	0.99	0.71	1.16	1.08	1.15
21				---	0.21	2.64	1.14	1.01	0.75	1.05	1.12	1.30
22				---	0.21	2.07	1.40	1.01	0.80	1.04	1.19	1.48
23				---	0.32	1.26	1.51	1.02	0.78	1.20	1.31	1.50
24				0.94	0.65	0.86	1.36	1.14	0.89	1.33	1.26	1.46
25				0.86	0.88	0.56	1.12	1.07	1.00	1.49	1.24	1.44
26				0.74	0.87	0.52	1.09	1.07	1.04	1.43	1.23	1.44
27				0.80	0.36	0.69	1.09	1.15	1.09	1.42	1.16	1.45
28				0.93	0.08	0.99	0.99	1.19	1.04	1.35	1.14	1.45
29				1.03	---	1.53	1.11	1.11	0.99	1.24	1.13	1.53
30				1.21	---	1.54	1.34	1.03	1.06	1.09	1.18	1.62
31				1.51	---	1.32	---	1.01	---	0.96	1.21	---
MAX				---	1.93	2.81	1.51	1.78	1.68	1.49	1.82	1.94
MIN				---	-0.73	-0.93	0.52	0.99	0.20	0.71	0.92	1.15

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.45	1.47	1.24	1.62	3.15	0.76	1.01	0.86	1.54	1.46	1.09	1.65
2	1.10	1.48	1.18	1.74	2.91	1.48	1.16	0.78	1.41	1.38	1.08	1.82
3	0.97	1.40	1.37	1.88	2.78	1.26	1.14	0.78	1.30	1.25	1.26	1.88
4	1.03	1.43	1.74	1.84	2.64	1.35	0.95	0.73	1.25	1.10	1.50	1.93
5	1.17	1.37	1.19	1.89	2.56	2.05	0.85	0.61	1.31	0.99	1.67	1.93
6	1.23	---	1.11	2.01	2.67	2.42	0.83	0.82	1.39	0.97	1.54	1.87
7	1.26	---	1.01	1.93	2.62	2.57	1.06	0.94	1.40	1.13	1.42	2.11
8	1.35	1.62	0.89	1.95	2.63	2.66	1.47	1.12	1.46	1.26	1.31	2.41
9	1.57	1.57	0.70	1.95	2.67	2.72	1.80	1.05	1.52	1.40	1.50	2.54
10	1.90	1.49	0.66	1.97	2.68	2.66	1.81	1.06	1.75	1.45	1.74	2.37
11	2.26	1.43	0.96	1.96	2.52	2.66	1.69	1.23	1.82	1.55	1.92	2.13
12	2.55	1.39	1.71	1.92	2.34	2.76	1.67	1.32	1.84	1.56	1.96	1.83
13	2.62	1.42	1.90	1.86	2.28	2.47	1.60	1.19	1.78	1.54	1.79	1.85
14	2.51	1.65	1.94	1.94	2.23	2.71	1.53	0.94	1.67	1.44	1.54	2.07
15	2.18	1.63	1.93	2.06	1.98	2.83	1.43	1.21	1.49	1.26	1.43	2.00
16	2.00	1.44	2.03	1.87	1.14	2.86	1.36	---	1.49	1.12	1.50	1.73
17	1.69	---	2.08	1.46	0.78	2.87	1.31	1.36	1.46	1.03	1.55	1.50
18	1.53	---	2.01	1.93	0.68	2.33	1.23	1.14	1.57	0.99	1.50	1.37
19	1.38	---	1.97	2.00	1.08	1.73	1.14	0.95	1.65	1.03	1.44	1.31
20	1.27	---	1.80	1.88	1.29	1.64	1.05	1.18	1.64	1.04	1.40	1.42
21	1.24	---	1.66	1.90	1.26	1.33	0.94	1.21	1.60	1.07	1.40	1.44
22	1.34	---	1.70	1.33	1.14	1.01	0.74	1.19	1.68	1.10	1.40	1.73
23	1.58	---	1.81	0.90	0.88	0.94	0.84	1.21	1.80	1.12	1.34	1.99
24	1.62	1.41	1.76	0.93	0.81	1.03	1.09	1.31	1.85	1.12	1.25	2.45
25	1.50	1.24	1.72	1.32	0.87	1.23	0.87	1.41	1.85	1.15	1.11	3.65
26	1.52	1.25	1.67	2.09	0.77	1.32	1.01	1.42	1.84	1.23	1.04	---
27	1.50	1.25	1.52	2.20	0.37	1.09	1.29	1.42	1.78	1.25	0.97	---
28	1.37	1.47	1.50	2.41	0.32	1.05	1.27	1.39	1.74	1.21	0.93	---
29	1.34	1.66	1.56	2.65	---	1.04	1.05	1.43	1.61	1.22	0.92	---
30	1.36	1.40	1.57	2.85	---	0.92	0.93	1.49	1.53	1.16	1.14	---
31	1.39	---	1.60	3.11	---	1.03	---	1.54	---	1.13	1.39	---
MAX	2.62	---	2.08	3.11	3.15	2.87	1.81	---	1.85	1.56	1.96	---
MIN	0.97	---	0.66	0.90	0.32	0.76	0.74	---	1.25	0.97	0.92	---

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA

LOCATION.--Lat 29°51'19", long 90°12'17", T. 14 S., R. 9 E., Jefferson Parish, Hydrologic Unit 08090302, located on a 4 ft x 4 ft platform, six miles southwest of Bayou Segnette State Park at Waggaman.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--November 2000 to Current Year.

GAGE.--Water-stage recorder. Datum of gage is 2.96 ft below NAVD 88.

REMARKS.--Stage affected by tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.23 ft, Sept. 26, 2002; minimum recorded, 2.07 ft, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.23 ft, Sept. 26; minimum gage height, 2.53 ft, Jan. 3, Feb. 5.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.93	3.67	3.78	3.96	3.79	3.88	4.38	4.11	4.25	3.28	2.97	3.18
2	3.81	3.62	3.69	4.09	3.94	4.02	4.22	3.91	4.09	2.98	2.77	2.88
3	3.83	3.72	3.78	4.11	3.93	4.02	4.05	3.78	3.94	2.78	2.53	2.65
4	3.91	3.83	3.88	4.07	3.77	3.96	4.02	3.78	3.89	2.90	2.60	2.77
5	4.13	3.89	4.03	3.86	3.77	3.81	4.12	3.81	3.97	3.79	2.77	3.20
6	4.14	3.62	3.91	4.04	3.78	3.90	4.04	3.77	3.92	3.71	3.40	3.52
7	3.80	3.56	3.67	4.05	3.81	3.95	3.99	3.77	3.88	3.44	2.87	3.07
8	3.91	3.62	3.78	4.12	3.87	4.00	4.01	3.56	3.85	2.97	2.84	2.90
9	4.32	3.82	4.10	4.05	3.83	3.95	3.60	3.22	3.40	3.03	2.91	2.97
10	4.65	4.32	4.52	3.91	3.72	3.81	3.49	3.24	3.38	3.17	3.01	3.08
11	5.34	4.59	4.82	3.87	3.66	3.77	3.54	3.35	3.46	3.35	3.15	3.24
12	5.18	4.84	5.01	3.87	3.72	3.80	3.95	3.53	3.81	3.39	3.14	3.25
13	5.67	5.15	5.40	3.91	3.70	3.83	4.42	3.95	4.08	3.38	3.16	3.28
14	5.60	4.96	5.22	3.98	3.87	3.93	4.30	3.85	4.04	3.56	3.24	3.42
15	4.96	4.76	4.85	4.06	3.93	3.99	3.96	3.79	3.88	3.41	3.20	3.30
16	4.81	4.07	4.40	4.09	3.84	3.98	4.35	3.96	4.20	3.43	3.20	3.32
17	4.07	3.85	3.92	3.94	3.68	3.83	4.56	4.06	4.32	3.50	3.26	3.39
18	3.99	3.85	3.92	3.85	3.55	3.72	4.06	3.78	3.91	3.54	3.35	3.44
19	4.01	3.85	3.94	3.79	3.54	3.65	3.97	3.30	3.75	4.05	3.13	3.53
20	4.03	3.84	3.93	3.56	3.22	3.39	3.30	3.03	3.17	3.21	3.09	3.13
21	4.09	3.84	3.97	3.51	3.19	3.38	3.39	3.01	3.24	3.40	3.20	3.27
22	4.12	3.88	4.00	3.89	3.46	3.71	4.14	3.27	3.67	3.58	3.22	3.35
23	4.32	3.93	4.13	4.38	3.86	4.23	4.21	3.66	3.94	3.83	3.58	3.69
24	4.53	4.14	4.33	---	---	---	3.71	3.39	3.49	4.10	3.66	3.93
25	4.29	3.89	4.04	---	---	---	3.46	3.35	3.41	3.68	3.21	3.36
26	3.89	3.55	3.69	---	---	---	3.57	3.22	3.43	3.24	3.06	3.16
27	3.63	3.34	3.50	---	---	---	3.29	3.13	3.21	3.40	3.22	3.33
28	3.48	3.21	3.34	4.81	4.49	4.65	3.58	3.29	3.44	3.62	3.39	3.51
29	3.40	3.20	3.28	5.37	4.62	4.88	3.77	3.44	3.63	3.82	3.49	3.69
30	3.59	3.35	3.42	4.62	4.26	4.41	3.58	3.39	3.50	4.11	3.71	3.94
31	3.79	3.59	3.70	---	---	---	3.51	3.23	3.37	4.31	4.01	4.17
MONTH	5.67	3.20	4.06	---	---	---	4.56	3.01	3.73	4.31	2.53	3.32

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.23	3.06	3.58	3.56	2.90	3.25	4.09	3.86	3.94	4.64	4.37	4.47
2	3.06	2.88	2.98	4.40	3.47	4.10	4.15	3.84	3.97	4.67	4.54	4.62
3	3.29	3.01	3.11	4.20	3.16	3.46	4.15	3.61	3.88	4.71	4.52	4.62
4	3.29	2.87	2.98	3.21	2.89	3.05	3.64	3.29	3.45	4.70	4.43	4.52
5	2.96	2.53	2.71	3.06	2.86	2.92	3.34	3.11	3.22	4.45	4.12	4.26
6	3.27	2.80	3.15	3.19	3.03	3.08	3.43	3.04	3.22	4.48	4.34	4.39
7	3.24	2.72	2.91	3.37	3.17	3.23	4.03	3.43	3.71	4.53	4.35	4.45
8	3.09	2.72	2.95	3.71	3.37	3.54	4.69	4.03	4.29	4.77	4.51	4.65
9	3.29	3.09	3.21	3.94	3.25	3.73	4.65	4.37	4.49	4.74	4.60	4.69
10	3.48	2.82	3.27	3.25	2.91	3.06	4.37	4.18	4.24	4.60	4.42	4.50
11	2.91	2.74	2.86	3.61	3.10	3.35	4.38	4.21	4.28	4.70	4.47	4.58
12	3.04	2.84	2.95	4.02	3.47	3.77	4.38	4.27	4.33	4.83	4.62	4.72
13	3.20	2.99	3.07	3.50	3.36	3.41	4.28	3.99	4.10	4.75	3.93	4.45
14	3.07	2.94	3.02	3.90	3.49	3.70	4.26	3.95	4.09	4.03	3.76	3.87
15	3.34	3.05	3.23	4.22	3.88	4.06	4.32	4.02	4.17	4.12	3.75	3.93
16	3.39	3.09	3.21	4.27	4.08	4.17	4.38	4.13	4.25	---	---	---
17	3.17	3.00	3.08	4.27	4.12	4.20	4.37	4.13	4.25	4.39	4.17	4.27
18	3.53	3.09	3.25	4.31	4.06	4.18	4.32	4.06	4.19	4.23	3.22	3.73
19	4.31	3.53	3.89	4.55	4.10	4.28	4.28	4.04	4.17	3.34	3.08	3.17
20	4.32	4.05	4.17	4.83	4.34	4.55	4.35	4.07	4.21	3.64	3.24	3.38
21	4.21	3.97	4.09	4.34	3.47	3.91	4.35	4.19	4.25	3.71	3.41	3.57
22	4.19	3.33	3.71	3.49	3.06	3.19	4.30	3.79	4.03	3.78	3.52	3.65
23	3.36	3.15	3.25	3.51	3.18	3.28	4.09	3.91	3.99	4.06	3.77	3.90
24	3.53	3.36	3.44	3.79	3.51	3.64	4.19	4.06	4.12	4.23	3.83	4.00
25	3.73	3.53	3.67	4.11	3.79	3.99	4.13	3.67	3.89	4.47	4.00	4.18
26	3.84	2.96	3.36	4.24	3.52	3.98	4.18	3.63	3.89	4.36	4.06	4.21
27	2.96	2.56	2.71	3.57	3.44	3.50	4.60	4.02	4.31	4.42	4.08	4.24
28	2.90	2.57	2.78	3.89	3.52	3.76	4.63	4.40	4.54	4.38	4.06	4.22
29	---	---	---	4.21	3.87	4.05	4.52	4.20	4.35	4.49	4.10	4.27
30	---	---	---	4.31	3.91	4.11	4.45	4.15	4.32	4.49	4.16	4.31
31	---	---	---	4.42	4.09	4.23	---	---	---	4.48	4.21	4.35
MONTH	4.32	2.53	3.24	4.83	2.86	3.70	4.69	3.04	4.07	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.47	4.24	4.36	4.31	4.05	4.17	3.75	3.63	3.66	4.05	3.80	3.93
2	4.46	4.20	4.32	4.19	3.98	4.04	3.84	3.45	3.57	4.29	3.91	4.10
3	4.43	4.18	4.32	4.06	3.78	3.89	3.84	3.45	3.64	4.45	4.15	4.31
4	4.45	4.22	4.33	3.82	3.68	3.74	3.81	3.63	3.72	4.51	4.20	4.36
5	4.67	4.38	4.52	3.68	3.49	3.59	4.22	3.65	3.92	4.53	4.25	4.40
6	4.58	4.36	4.47	3.64	3.34	3.49	4.22	3.91	4.08	4.47	4.21	4.38
7	4.50	4.23	4.31	3.88	3.51	3.68	4.32	3.96	4.13	4.84	4.44	4.63
8	4.39	4.17	4.27	4.01	3.57	3.78	4.18	3.96	4.07	5.04	4.80	4.92
9	4.57	4.09	4.26	4.20	3.82	3.98	4.35	4.03	4.16	4.99	4.78	4.84
10	4.75	4.34	4.51	4.12	3.83	3.96	4.42	4.19	4.30	4.84	4.69	4.78
11	4.75	4.38	4.53	4.23	3.88	4.01	4.69	4.40	4.53	4.75	4.56	4.69
12	4.63	4.37	4.49	4.26	3.91	4.07	4.73	4.55	4.61	4.58	4.37	4.46
13	4.61	4.27	4.40	4.22	4.00	4.09	4.64	4.40	4.53	4.48	4.32	4.40
14	4.50	4.05	4.25	4.25	3.87	4.05	4.59	4.30	4.40	4.61	4.40	4.52
15	4.16	3.80	3.94	4.06	3.86	3.93	4.62	4.24	4.44	4.67	4.37	4.50
16	4.22	3.92	4.04	3.95	3.78	3.87	4.67	4.40	4.52	4.45	4.21	4.32
17	4.20	3.90	4.05	3.85	3.64	3.76	4.62	4.45	4.53	4.39	4.13	4.25
18	4.36	4.10	4.22	3.68	3.46	3.58	4.55	4.35	4.44	4.50	4.16	4.31
19	4.56	4.34	4.41	3.66	3.42	3.53	4.50	4.27	4.36	4.54	4.26	4.41
20	4.45	4.23	4.33	3.71	3.38	3.54	4.44	4.19	4.30	4.71	4.51	4.59
21	4.31	4.02	4.12	3.88	3.40	3.57	4.39	4.13	4.27	4.56	4.37	4.45
22	4.02	3.81	3.93	3.82	3.46	3.62	4.41	4.23	4.31	4.50	4.08	4.39
23	4.39	3.85	4.04	3.83	3.57	3.71	4.38	4.15	4.26	4.32	4.16	4.22
24	4.49	4.11	4.29	3.90	3.55	3.70	4.31	4.10	4.20	4.50	4.14	4.33
25	4.59	4.21	4.38	3.94	3.66	3.81	4.30	3.92	4.09	5.06	4.35	4.57
26	4.62	4.36	4.49	3.94	3.69	3.81	4.10	3.85	3.95	6.23	5.06	5.87
27	4.75	4.42	4.54	4.09	3.76	3.90	3.95	3.72	3.82	5.88	5.41	5.63
28	4.64	4.44	4.54	4.09	3.82	3.96	3.91	3.67	3.81	5.41	5.11	5.27
29	4.64	4.30	4.43	4.11	3.89	4.00	3.82	3.67	3.75	5.11	4.87	5.00
30	4.40	4.20	4.27	4.09	3.85	3.95	3.88	3.72	3.81	4.94	4.79	4.85
31	---	---	---	3.99	3.70	3.81	4.01	3.75	3.89	---	---	---
MONTH	4.75	3.80	4.31	4.31	3.34	3.83	4.73	3.45	4.13	6.23	3.80	4.59

2951190901217 LAKE CATAOUCTCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 2000 to current year.

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

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.-- Specific Conductance: record rated excellent except Nov. 11 - 27 and May 5 - 9 when it was rated good. Water Temperature: record rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 9,820 microsiemens/cm, Nov. 8, 2000; minimum recorded, 709 microsiemens/cm, Sep. 30, 2002.
WATER TEMPERATURE: Maximum recorded, 35.4°C, July 28, 2002; minimum recorded, 3.3°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 3,530 microsiemens/cm, Nov. 29; minimum, 709 microsiemens/cm, Sept. 30.
WATER TEMPERATURE: Maximum, 35.4°C, July 28; minimum, 4.6°C, Jan. 4.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1290	1240	1260	1160	1150	1150	2300	1900	2010	1990	1820	1910
2	1300	1260	1280	1170	1150	1160	1980	1840	1900	1830	1600	1670
3	1350	1300	1330	1210	1170	1180	1890	1510	1820	1690	1560	1630
4	1350	1340	1340	1250	1180	1200	1840	1460	1580	1680	1630	1660
5	1340	1320	1340	1260	1180	1220	1840	1700	1800	1780	1620	1710
6	1400	1280	1330	1610	1180	1460	1800	1740	1770	1750	1490	1600
7	1340	1280	1320	1560	1270	1360	1770	1590	1680	1580	1290	1440
8	1320	1310	1320	1290	1200	1220	1780	1540	1590	1470	1260	1360
9	1320	1270	1300	1250	1200	1230	1960	1530	1730	1340	1300	1330
10	1310	1280	1290	1310	1230	1270	1940	1640	1730	1500	1340	1420
11	1300	1200	1240	1340	1230	1280	1700	1540	1630	1770	1500	1640
12	1230	999	1140	1260	1230	1240	1600	1540	1560	1770	1730	1750
13	1170	908	1030	1230	1210	1220	2330	1570	1840	1800	1740	1780
14	1050	970	1010	1210	1200	1210	2730	2010	2280	1800	1740	1780
15	1040	993	1010	1250	1200	1220	2200	1650	1860	1740	1650	1690
16	1170	973	1060	1270	1220	1240	3060	1810	2300	1780	1690	1750
17	1170	1020	1110	1360	1220	1280	3400	2600	3060	1820	1760	1790
18	1240	1030	1130	1350	1240	1270	3290	2200	2810	1820	1800	1810
19	1050	1000	1020	1260	1220	1240	2450	1850	2190	1810	1770	1800
20	1060	1000	1020	1570	1250	1340	2160	1850	2020	1800	1780	1790
21	1050	1010	1030	1500	1240	1300	2140	1990	2110	1790	1770	1780
22	1080	1050	1070	1290	1220	1260	2200	2080	2140	1800	1760	1780
23	1120	1080	1100	1320	1240	1260	2320	1970	2120	1790	1660	1740
24	1180	1110	1130	---	---	---	2750	2080	2400	1780	1650	1680
25	1160	1090	1120	---	---	---	2430	2160	2280	1800	1700	1740
26	1250	1110	1150	---	---	---	2330	1750	2140	1840	1740	1790
27	1350	1110	1220	---	---	---	2160	1870	2060	1800	1700	1740
28	1360	1100	1150	3320	1860	2420	2160	2060	2100	1830	1660	1700
29	1340	1100	1170	3530	1970	2760	2130	2070	2110	1730	1620	1710
30	1160	1100	1120	2470	1910	2240	2080	2040	2070	1620	1370	1540
31	1160	1110	1130	---	---	---	2050	1940	2010	1560	1350	1440
MONTH	1400	908	1170	---	---	---	3400	1460	2020	1990	1260	1680

2951190901217 LAKE CATAOUCTCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1690	1460	1590	1590	1530	1570	1700	1650	1680	1680	1440	1590
2	1680	1580	1620	1560	1520	1540	1700	1590	1650	1620	1200	1350
3	1650	1580	1610	1580	1430	1550	1710	1570	1660	1560	1200	1360
4	1720	1580	1650	1560	1410	1480	1820	1560	1690	1620	1200	1440
5	1690	1600	1640	1580	1470	1530	1800	1610	1710	1710	1530	1620
6	1690	1570	1630	1590	1520	1560	1740	1550	1650	1620	1600	1610
7	1700	1310	1470	1590	1550	1570	1680	1520	1570	1650	1610	1630
8	1620	1320	1530	1600	1540	1560	1810	1530	1670	1640	1590	1620
9	1630	1540	1590	1560	1470	1520	1740	1680	1710	1620	1550	1580
10	1620	1560	1590	1540	1510	1520	1700	1620	1670	1670	1570	1610
11	1610	1470	1570	1540	1510	1520	1710	1620	1680	1640	1570	1590
12	1630	1570	1600	1520	1400	1480	1670	1630	1650	1600	1570	1590
13	1620	1590	1610	1480	1420	1470	1640	1450	1600	1780	1580	1620
14	1620	1600	1610	1470	1260	1420	1660	1580	1640	1790	1580	1670
15	1630	1600	1620	1380	1250	1320	1620	1550	1590	1800	1580	1660
16	1690	1620	1630	1340	1150	1210	1600	1560	1590	---	---	---
17	1650	1610	1630	1420	1150	1250	1590	1580	1590	1660	1610	1630
18	1640	1600	1620	1640	1420	1520	1590	1570	1580	1970	1610	1760
19	1650	1460	1590	1580	1480	1530	1590	1580	1580	2030	1550	1670
20	1480	1400	1440	1690	1500	1580	1610	1570	1590	1640	1570	1600
21	1560	1480	1510	1600	1550	1580	1620	1590	1610	1610	1570	1590
22	1670	1550	1610	1650	1460	1560	1630	1600	1610	1660	1600	1620
23	1680	1530	1620	1560	1500	1540	1620	1590	1610	1650	1620	1630
24	1600	1530	1550	1530	1500	1510	1610	1590	1600	1650	1630	1640
25	1570	1520	1540	1560	1510	1520	1660	1600	1630	1650	1630	1640
26	1730	1520	1590	1590	1540	1560	1650	1620	1630	1680	1630	1660
27	1680	1550	1590	1600	1520	1570	1670	1620	1640	1700	1660	1690
28	1610	1570	1590	1610	1530	1560	1700	1630	1680	1720	1690	1700
29	---	---	---	1750	1600	1650	1690	1660	1680	1710	1700	1700
30	---	---	---	1770	1690	1740	1700	1660	1680	1720	1700	1710
31	---	---	---	1760	1690	1730	---	---	---	1730	1710	1720
MONTH	1730	1310	1590	1770	1150	1520	1820	1450	1640	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1730	1710	1720	2000	1950	1970	1970	1730	1890	1290	1140	1210
2	1740	1710	1720	1990	1960	1970	1960	1700	1830	1150	1080	1110
3	1780	1700	1740	2000	1960	1970	1930	1870	1890	1190	1100	1150
4	1790	1750	1770	2030	1970	2000	1930	1870	1900	1140	964	1080
5	1810	1760	1780	2150	1980	2040	1920	1780	1850	1150	979	1070
6	1820	1730	1770	2190	1970	2050	1900	1850	1870	1220	1100	1140
7	1820	1760	1790	2060	2000	2020	1880	1840	1870	1290	1100	1220
8	1820	1760	1780	2020	1980	2000	1890	1770	1850	1270	1010	1110
9	1820	1800	1810	1990	1930	1960	1860	1790	1830	1180	1070	1100
10	1830	1790	1820	1960	1930	1950	1790	1570	1660	1280	1110	1170
11	1850	1810	1830	1960	1910	1950	1700	1350	1460	1360	1280	1340
12	1860	1820	1850	1970	1910	1950	1460	1170	1360	1430	1230	1310
13	1880	1820	1860	1970	1950	1960	1310	927	1060	1480	1430	1450
14	1970	1830	1880	1960	1930	1940	1170	1040	1100	1470	1420	1440
15	2000	1890	1950	1980	1930	1950	1220	1050	1120	1460	1400	1430
16	1930	1850	1900	2000	1920	1940	1200	1130	1160	1400	1340	1380
17	1930	1860	1900	1980	1930	1960	1170	1130	1140	1400	1350	1380
18	1900	1870	1890	2060	1960	2000	1260	1130	1180	1470	1390	1420
19	1910	1840	1880	2120	1970	2010	1240	1160	1190	1470	1420	1460
20	1890	1820	1860	2120	1980	2010	1340	1180	1260	1490	1460	1470
21	1860	1800	1830	2040	1940	1980	1340	1280	1310	1490	1430	1460
22	1960	1800	1850	2050	1940	1970	1400	1320	1360	1440	1390	1420
23	1890	1820	1850	1970	1960	1970	1380	1240	1340	1400	1120	1240
24	1860	1800	1830	2000	1970	1990	1270	1120	1180	1300	1090	1160
25	1880	1850	1860	2000	1950	1990	1280	1110	1160	1470	1170	1260
26	1930	1860	1890	1980	1920	1950	1320	1150	1240	1280	1050	1140
27	2000	1880	1930	2000	1930	1960	1300	1180	1250	1200	1030	1110
28	2090	1900	1950	2010	1970	2000	1320	1270	1290	1410	884	1200
29	2110	1970	2050	2000	1770	1930	1340	1310	1320	1220	840	1040
30	2060	1980	2020	1990	1730	1950	1340	1280	1300	1020	709	887
31	---	---	---	1970	1490	1730	1300	1270	1280	---	---	---
MONTH	2110	1700	1850	2190	1490	1970	1970	927	1440	1490	709	1250

2951190901217 LAKE CATAOUCTCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	24.3	22.3	23.3	20.6	18.7	19.6	17.9	16.7	17.3	9.9	7.4	8.6
2	25.2	22.1	23.7	20.8	19.4	20.0	17.8	16.9	17.2	7.4	6.1	6.7
3	25.4	23.9	24.5	21.8	20.0	20.9	17.9	16.7	17.2	7.2	4.7	5.6
4	25.9	24.1	24.9	22.2	20.6	21.4	19.6	17.5	18.4	7.2	4.6	5.8
5	26.3	24.6	25.2	21.5	19.6	20.5	20.3	18.7	19.4	8.4	5.9	6.9
6	25.7	22.8	24.8	20.2	19.2	19.7	21.0	19.7	20.1	9.4	8.3	8.8
7	22.8	21.0	21.9	21.6	18.7	19.9	21.8	19.7	20.6	9.8	7.5	8.8
8	23.1	20.5	21.9	21.1	20.4	20.7	21.8	20.3	21.0	9.7	7.0	8.5
9	23.5	21.9	22.7	21.1	20.0	20.5	20.9	18.4	19.4	11.8	8.4	10
10	23.3	22.8	23.1	21.1	19.8	20.4	18.6	17.8	18.1	13.2	10.1	11.4
11	24.0	22.9	23.4	21.4	20.0	20.6	18.0	17.0	17.4	11.9	10.9	11.3
12	24.9	23.4	24.1	21.2	20.2	20.7	19.1	16.9	17.9	12.4	11.0	11.5
13	25.0	23.5	24.3	20.6	19.4	20.1	20.6	18.7	19.5	12.0	10.7	11.5
14	23.5	21.6	22.4	20.7	19.2	19.9	20.0	18.7	19.7	12.3	11.6	11.9
15	23.3	21.6	22.5	20.8	19.3	20.1	19.2	17.6	18.5	13.6	11.8	12.7
16	22.9	20.7	21.9	20.2	19.0	19.7	21.0	19.1	20.0	13.7	10.6	12.3
17	20.7	18.2	19.1	19.9	18.2	19.2	21.0	20.2	20.7	15.6	12.8	14.0
18	18.7	17.4	18.1	20.8	18.5	19.3	20.6	18.8	19.6	15.0	14.1	14.4
19	19.4	18.3	18.9	20.3	19.1	19.7	19.2	17.5	18.6	17.1	14.4	15.6
20	19.5	18.5	19.0	20.3	18.7	19.6	17.5	14.8	15.8	15.1	13.2	13.6
21	21.5	18.9	20.0	18.8	16.5	17.7	15.6	14.1	14.9	15.1	13.4	14.2
22	22.7	20.9	21.6	17.3	16.0	16.9	16.5	14.4	15.5	16.6	14.4	15.4
23	25.1	21.9	23.4	19.3	17.2	18.1	17.0	15.5	16.5	20.0	16.6	18.5
24	25.9	23.9	24.9	---	---	---	15.5	13.8	14.7	21.8	19.4	20.5
25	25.5	23.3	24.5	---	---	---	13.8	12.0	12.9	21.4	17.2	19.2
26	23.3	20.9	21.8	---	---	---	12.6	11.0	11.6	17.2	15.7	16.6
27	21.0	18.9	19.9	---	---	---	11.7	9.7	10.7	16.9	15.9	16.5
28	18.9	17.1	18.0	23.1	22.1	22.6	12.4	10.4	11.3	19.1	16.7	17.5
29	18.7	16.6	17.6	22.6	19.4	21.5	13.5	11.3	12.3	20.7	18.4	19.4
30	18.3	16.9	17.7	19.4	16.4	17.5	12.8	10.9	11.9	22.0	19.7	20.7
31	19.6	17.4	18.5	---	---	---	11.7	9.9	10.6	22.9	20.9	21.8
MONTH	26.3	16.6	21.9	---	---	---	21.8	9.7	16.8	22.9	4.6	13.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.1	15.5	19.2	11.8	10.8	11.5	23.1	21.4	22.1	28.7	26.8	27.9
2	15.8	14.0	15.1	14.5	11.6	12.5	23.6	20.5	22.1	28.9	26.7	27.9
3	15.2	14.3	14.8	14.3	7.9	11.0	24.4	22.5	23.6	29.2	27.2	28.2
4	15.0	13.6	14.1	9.8	6.0	7.7	22.5	20.2	21.4	30.2	27.7	28.8
5	13.6	10.9	12.2	11.3	6.9	9.0	20.7	18.9	19.8	33.1	29.0	30.2
6	11.2	10.6	11.0	13.9	9.4	11.4	19.8	17.5	19.0	31.0	29.3	30.1
7	11.0	9.1	9.8	15.8	11.9	13.7	20.9	18.1	19.4	30.9	28.4	29.6
8	11.2	8.6	9.8	18.0	14.1	15.8	21.3	19.9	20.4	30.0	28.1	29.2
9	13.3	9.7	11.3	19.8	16.2	17.8	21.0	19.6	20.0	30.5	27.7	29.1
10	14.5	11.9	13.1	19.1	15.2	16.1	24.0	20.4	21.6	31.8	28.8	29.9
11	14.0	11.4	12.7	17.0	13.9	15.5	23.3	22.5	22.9	30.5	29.1	29.6
12	13.9	11.0	12.4	18.7	16.0	17.1	23.3	22.0	22.6	29.9	28.1	29.0
13	13.9	12.6	13.2	18.7	15.9	17.4	24.0	22.1	23.0	29.3	26.6	28.4
14	14.4	12.3	13.2	18.6	16.5	17.7	25.2	22.7	23.7	26.6	23.6	24.8
15	14.2	12.7	13.4	22.2	18.2	19.9	26.5	23.7	25.1	26.0	23.6	24.8
16	16.0	13.3	14.4	24.2	21.3	22.5	26.9	25.0	26.1	---	---	---
17	15.7	13.6	14.6	25.8	23.2	24.3	27.5	25.3	26.3	28.2	26.2	27.2
18	16.3	14.1	15.2	25.4	24.4	24.8	29.3	25.4	27.4	27.4	22.4	25.3
19	17.6	14.8	16.1	25.6	24.0	24.8	30.2	27.1	28.6	23.1	19.9	21.8
20	19.2	17.0	18.1	24.9	24.2	24.5	29.8	27.4	28.6	23.1	20.0	21.6
21	18.6	17.2	17.9	24.2	19.8	21.9	29.0	26.9	28.0	24.0	21.2	22.6
22	18.4	14.7	16.7	19.9	15.6	18.2	29.1	26.6	27.6	24.6	21.6	23.1
23	15.3	13.0	14.2	20.5	15.5	18.0	28.2	25.9	27.0	25.3	22.4	23.8
24	16.0	13.4	14.6	20.8	17.6	19.3	28.9	26.5	27.6	25.7	23.8	24.6
25	17.8	14.4	15.9	21.8	18.9	20.3	28.2	26.9	27.4	27.5	24.5	25.8
26	16.9	14.4	16.3	22.6	20.9	21.7	28.5	25.9	27.2	27.7	25.7	26.5
27	15.1	10.1	11.9	20.9	18.4	19.2	28.5	26.6	27.6	30.0	26.4	27.9
28	13.0	9.2	11.0	21.1	17.7	19.5	28.7	26.7	27.7	29.2	27.6	28.4
29	---	---	---	23.2	20.1	21.6	30.8	27.0	28.7	30.3	28.0	29.0
30	---	---	---	24.1	22.5	23.2	29.7	28.2	29.0	29.8	28.2	29.0
31	---	---	---	23.7	23.0	23.4	---	---	---	30.2	28.2	29.0
MONTH	22.1	8.6	14.0	25.8	6.0	18.1	30.8	17.5	24.7	---	---	---

2951190901217 LAKE CATAOUCTCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.6	28.4	29.5	31.2	29.9	30.5	31.1	30.0	30.5	30.6	29.3	30.0
2	32.3	29.6	30.8	31.5	29.9	30.7	31.6	29.0	30.0	29.8	29.0	29.3
3	33.4	29.7	31.2	33.4	30.2	31.4	31.3	29.6	30.4	29.0	28.4	28.6
4	33.4	30.8	31.7	32.0	30.9	31.5	31.2	29.9	30.4	28.5	27.8	28.0
5	31.6	30.3	30.9	31.7	30.5	31.1	30.8	28.8	29.7	28.3	27.4	27.8
6	30.4	29.6	30.0	32.0	29.6	30.7	30.1	28.7	29.4	28.1	27.4	27.8
7	30.8	29.5	30.0	32.0	30.3	31.0	32.8	28.5	30.1	27.4	26.8	27.1
8	32.0	29.4	30.4	31.4	30.2	30.8	31.3	30.4	30.6	26.9	26.5	26.7
9	30.8	29.8	30.3	30.5	29.7	30.0	30.7	29.6	30.2	28.1	26.4	27.1
10	30.3	28.9	29.6	30.8	29.3	29.9	30.0	28.7	29.4	28.6	27.6	28.0
11	30.5	28.4	29.5	32.0	29.2	30.4	29.0	28.0	28.5	29.0	28.0	28.4
12	32.1	29.1	30.5	31.3	30.1	30.7	28.1	27.3	27.6	29.7	28.8	29.4
13	33.0	30.3	31.5	31.2	29.3	30.2	28.8	26.8	27.7	29.8	28.3	29.0
14	32.5	30.6	31.7	30.5	29.2	29.8	28.3	27.6	28.0	29.6	28.6	29.1
15	31.3	29.4	30.4	31.5	29.2	30.2	29.6	27.4	28.5	31.4	28.6	29.8
16	30.2	28.4	29.5	33.3	29.3	31.3	29.5	28.4	29.0	31.8	29.4	30.3
17	29.4	28.3	28.8	34.3	31.1	32.6	29.2	28.5	28.9	30.8	29.1	30.1
18	29.1	27.6	28.4	33.8	32.0	32.6	30.1	28.6	29.2	31.4	29.3	30.3
19	30.1	27.8	29.0	34.1	31.2	32.3	30.5	29.1	29.8	30.8	29.4	30.1
20	30.2	28.7	29.4	34.8	31.7	32.6	30.4	28.9	29.6	30.6	29.2	29.9
21	30.6	28.8	29.7	33.8	31.8	32.6	30.6	29.3	29.9	31.1	29.3	30.1
22	30.1	28.2	29.1	31.8	30.5	31.3	30.5	29.5	30.0	31.0	29.8	30.3
23	28.4	27.5	28.0	32.0	29.6	30.8	32.1	29.4	30.5	29.8	28.0	28.8
24	29.4	26.6	28.0	32.2	30.8	31.5	32.6	30.1	31.3	28.5	25.6	26.9
25	30.3	27.9	29.0	33.3	30.4	31.4	32.4	30.8	31.6	25.6	24.6	24.9
26	29.3	28.2	28.8	31.3	30.2	30.8	31.7	30.5	31.1	24.6	23.6	24.2
27	28.7	27.5	28.1	33.5	29.4	31.5	31.3	29.9	30.6	25.0	23.2	24.0
28	29.1	27.5	28.3	35.4	31.2	32.8	31.7	29.9	30.8	26.1	24.4	24.9
29	31.1	28.0	29.4	33.1	31.8	32.4	31.2	29.8	30.3	27.2	25.4	25.9
30	31.4	29.7	30.4	31.8	30.3	31.1	31.2	28.9	29.9	28.0	26.4	27.1
31	---	---	---	32.0	29.5	30.6	31.1	29.5	30.3	---	---	---
MONTH	33.4	26.6	29.7	35.4	29.2	31.2	32.8	26.8	29.8	31.8	23.2	28.1

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA

LOCATION.--Lat 29°55'00", long 90°19'04", Jefferson Parish, Hydrologic Unit 08090301, at U.S. Highway 90 bridge, 11.5 miles from Boutte.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--April 2002 to September 2002.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is 6.96 ft below NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 10.02 ft, Jun. 11, 2002; minimum recorded, 7.92 ft, May 28-30, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.02 ft, June 11; minimum gage height, 7.92 ft, May 28, 29, 30.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										8.09	8.08	8.09
2										8.10	8.08	8.09
3										8.12	8.09	8.10
4										8.11	8.10	8.11
5							8.05	7.99	8.02	8.12	8.11	8.12
6							8.10	8.00	8.04	8.14	8.11	8.12
7							8.17	8.01	8.08	8.13	8.11	8.12
8							8.36	8.11	8.20	8.13	8.11	8.12
9							8.38	8.31	8.33	8.14	8.11	8.12
10							8.31	8.29	8.30	8.14	8.12	8.13
11							8.37	8.30	8.32	8.15	8.13	8.14
12							8.36	8.32	8.34	8.97	8.14	8.25
13							8.32	8.28	8.31	8.25	8.16	8.20
14							8.29	8.25	8.27	8.17	8.15	8.16
15							8.31	8.26	8.28	8.15	8.12	8.14
16							8.33	8.28	8.31	8.13	8.11	8.12
17							8.31	8.27	8.29	8.13	8.10	8.11
18							8.28	8.25	8.26	8.12	8.08	8.10
19							8.27	8.24	8.25	8.08	8.05	8.07
20							8.25	8.22	8.23	8.05	8.02	8.04
21							8.22	8.20	8.21	8.02	7.99	8.01
22							8.20	8.17	8.19	8.00	7.97	7.99
23							8.19	8.17	8.18	8.62	7.96	8.04
24							8.18	8.15	8.16	8.07	8.01	8.03
25							8.15	8.11	8.13	8.02	7.98	7.99
26							8.13	8.10	8.11	7.99	7.96	7.98
27							8.13	8.10	8.11	7.96	7.93	7.94
28							8.10	8.09	8.09	7.93	7.92	7.93
29							8.09	8.08	8.09	7.95	7.92	7.93
30							8.10	8.08	8.09	7.95	7.92	7.93
31							---	---	---	8.51	7.94	8.07
MONTH							---	---	---	8.97	7.92	8.07

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA--Continued

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.10	8.03	8.06	8.44	8.39	8.41	9.81	9.57	9.72	9.69	9.31	9.53
2	8.03	8.02	8.03	8.39	8.37	8.38	9.82	9.55	9.69	9.78	9.34	9.59
3	8.02	8.00	8.01	8.37	8.34	8.35	9.94	9.57	9.78	9.81	9.33	9.65
4	8.01	7.99	8.00	8.38	8.31	8.34	9.81	9.59	9.71	9.90	9.48	9.73
5	8.03	7.99	8.00	8.36	8.34	8.36	9.66	9.50	9.56	9.92	9.60	9.74
6	8.01	8.00	8.00	8.36	8.32	8.34	9.50	9.43	9.47	9.66	9.57	9.61
7	8.02	8.00	8.01	8.32	8.29	8.31	9.66	9.40	9.55	9.57	9.51	9.54
8	8.02	8.00	8.01	8.35	8.27	8.30	9.76	9.45	9.62	9.53	9.50	9.51
9	8.03	8.01	8.02	8.33	8.31	8.32	9.82	9.54	9.69	9.50	9.43	9.46
10	8.03	8.01	8.02	8.31	8.28	8.30	9.86	9.66	9.76	9.43	9.36	9.40
11	10.02	8.00	8.57	8.30	8.26	8.28	9.83	9.66	9.74	9.36	9.30	9.33
12	8.72	8.40	8.52	8.26	8.24	8.25	9.66	9.60	9.63	9.30	9.24	9.27
13	8.40	8.30	8.34	8.24	8.21	8.23	9.62	9.54	9.59	9.24	9.20	9.22
14	8.30	8.22	8.26	8.28	8.20	8.25	9.69	9.53	9.60	9.20	9.15	9.17
15	8.22	8.19	8.21	8.27	8.24	8.25	9.63	9.38	9.51	9.15	9.11	9.13
16	8.19	8.16	8.17	9.63	8.23	8.65	9.60	9.31	9.48	9.11	9.08	9.09
17	8.16	8.13	8.14	8.63	8.48	8.54	9.63	9.26	9.47	9.08	9.04	9.06
18	8.13	8.11	8.12	8.99	8.42	8.57	9.59	9.24	9.43	9.04	9.01	9.03
19	8.16	8.10	8.12	9.27	8.99	9.19	9.62	9.22	9.43	9.01	8.98	8.99
20	8.25	8.09	8.13	9.45	9.24	9.36	9.60	9.21	9.42	8.98	8.94	8.96
21	8.19	8.16	8.18	9.71	9.39	9.54	9.57	9.22	9.41	8.94	8.92	8.93
22	8.16	8.13	8.15	9.63	9.52	9.56	9.53	9.20	9.37	8.92	8.91	8.92
23	8.13	8.12	8.13	---	---	---	9.51	9.18	9.34	8.92	8.88	8.90
24	8.15	8.11	8.13	9.76	9.52	9.65	9.46	9.20	9.34	8.97	8.87	8.90
25	8.22	8.15	8.17	9.91	9.62	9.75	9.43	9.25	9.34	9.55	8.97	9.15
26	8.27	8.20	8.23	9.90	9.61	9.78	9.42	9.29	9.36	9.99	9.55	9.91
27	9.83	8.26	8.58	9.91	9.74	9.83	9.39	9.30	9.35	9.98	9.88	9.94
28	8.56	8.42	8.48	9.87	9.76	9.81	9.42	9.20	9.32	9.88	9.75	9.82
29	8.42	8.37	8.40	9.94	9.75	9.85	9.43	9.16	9.30	9.75	9.65	9.70
30	8.46	8.34	8.38	9.92	9.78	9.86	9.48	9.18	9.34	9.65	9.58	9.61
31	---	---	---	9.85	9.68	9.78	9.56	9.24	9.41	---	---	---
MONTH	10.02	7.99	8.19	---	---	---	9.94	9.16	9.51	9.99	8.87	9.36

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 2002 to September 2002.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 2002 to September 2002.
WATER TEMPERATURES: January 2002 to September 2002.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, and water temperature.

REMARKS.--SPECIFIC CONDUCTANCE: Record rated excellent, except for the period Feb. 6-Mar. 19, which are rated good.
WATER TEMPERATURE: Record rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 611 microsiemens/cm, Mar. 24, 2002; minimum, 329 microsiemens/cm, Mar. 26, 2002.
WATER TEMPERATURES: Maximum, 32.7°C, July 18, 2002; minimum, 10.4°C, Mar. 5, 2002.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 611 microsiemens/cm, Mar. 24; minimum, 329 microsiemens/cm, Mar. 26.
WATER TEMPERATURE: Maximum, 32.7°C, July 18; minimum, 10.4°C, Mar. 5.

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										556	552	554
19										559	546	553
20										560	556	558
21										559	554	557
22										559	551	556
23										556	554	555
24										556	550	555
25										558	555	557
26										569	552	558
27										560	557	558
28										561	557	559
29										559	556	558
30										559	554	557
31										560	553	555
MONTH										---	---	---

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA--Continued

SPECIFIC CONDUCTANCE, in US/CM @ 25C, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	554	543	546	558	546	554	419	400	408	437	434	435
2	543	542	542	548	545	547	419	401	414	438	435	437
3	543	540	542	552	548	550	425	412	416	445	435	438
4	544	536	542	555	548	551	414	401	409	440	436	438
5	548	543	544	554	547	550	411	401	403	443	437	439
6	543	540	541	553	549	551	423	411	419	452	441	444
7	549	541	544	552	547	549	423	413	418	447	444	445
8	552	543	546	550	548	549	414	407	411	449	445	447
9	555	540	547	551	546	550	409	406	408	458	446	453
10	546	542	544	572	545	559	416	408	409	461	456	458
11	546	544	545	572	546	556	421	412	415	466	458	462
12	545	543	544	559	554	558	415	412	414	467	462	465
13	545	543	544	563	558	560	415	411	413	466	455	461
14	548	544	546	567	563	565	422	414	418	462	452	454
15	547	542	546	571	563	566	430	419	422	468	462	466
16	550	542	546	571	567	569	423	420	421	466	462	464
17	550	545	547	584	565	574	424	421	422	463	459	461
18	570	541	549	577	572	575	427	423	425	459	451	455
19	559	549	550	---	---	---	429	425	427	453	451	452
20	550	545	547	597	574	581	430	427	429	455	451	453
21	552	547	549	---	---	---	431	429	429	456	453	454
22	558	542	549	---	---	---	438	428	430	457	454	455
23	555	541	550	---	---	---	431	429	430	458	454	456
24	563	541	553	611	592	599	432	430	431	459	451	455
25	559	552	554	603	598	599	432	429	431	456	447	452
26	---	---	---	605	329	507	433	430	431	447	436	443
27	557	553	554	351	333	337	433	430	432	448	440	445
28	559	552	555	414	350	392	434	432	433	447	442	446
29	---	---	---	405	394	399	435	432	433	448	442	445
30	---	---	---	408	398	403	435	432	434	447	443	444
31	---	---	---	407	399	403	---	---	---	450	442	446
MONTH	---	---	---	---	---	---	438	400	421	468	434	451

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	448	437	444	376	352	367	461	448	456	468	454	458
2	449	437	443	368	349	358	459	446	452	460	452	455
3	448	444	446	368	348	357	455	443	449	459	453	457
4	450	442	446	372	349	361	455	442	448	462	454	457
5	451	445	447	367	350	358	452	443	448	466	457	460
6	450	441	446	367	357	361	451	447	448	469	466	468
7	450	445	447	376	361	367	461	434	451	470	468	469
8	450	443	446	371	361	366	466	459	462	470	467	469
9	450	445	448	366	362	364	474	462	469	469	463	467
10	451	448	450	374	363	367	478	471	474	467	464	466
11	451	330	401	374	368	370	473	460	464	469	464	467
12	370	342	353	378	370	375	468	462	466	471	461	466
13	376	361	369	378	370	374	469	463	466	468	461	465
14	379	359	368	379	373	376	472	459	467	473	467	470
15	375	365	370	378	368	374	472	464	468	475	469	471
16	375	362	368	471	370	429	467	461	464	476	471	474
17	372	362	367	467	462	464	467	461	464	476	473	474
18	375	365	370	473	456	463	466	458	462	477	469	475
19	374	364	369	481	473	477	472	462	467	479	470	475
20	371	358	364	484	481	482	477	468	472	479	475	477
21	364	355	358	483	478	480	477	469	473	477	468	474
22	369	359	363	481	474	478	475	463	470	474	470	472
23	369	357	363	---	---	---	474	467	470	477	472	474
24	368	359	363	478	475	476	478	468	474	479	473	476
25	367	348	356	480	464	475	480	474	477	475	446	467
26	353	349	351	475	451	465	478	467	473	446	407	421
27	369	352	360	455	448	452	472	468	469	407	391	395
28	369	365	368	459	452	455	477	472	474	398	375	391
29	373	369	370	461	455	458	477	469	471	385	372	382
30	373	358	369	464	459	461	475	460	465	383	365	376
31	---	---	---	465	458	462	467	461	464	---	---	---
MONTH	451	330	393	---	---	---	480	434	464	479	365	456

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										13.3	12.4	12.7
19										14.4	12.7	13.8
20										12.8	12.2	12.5
21										13.6	12.8	13.1
22										14.3	13.1	13.6
23										15.8	14.2	15.1
24										17.1	15.8	16.5
25										16.8	15.7	16.1
26										16.1	15.4	15.7
27										16.5	15.4	15.8
28										17.7	16.2	16.6
29										18.4	17.1	17.8
30										19.3	18.3	18.8
31										19.8	18.9	19.4
MONTH										---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.8	16.9	18.2	14.2	13.6	13.8	20.0	18.6	19.2	28.8	27.6	28.2
2	16.9	16.1	16.4	14.6	13.6	13.7	20.7	19.1	19.9	28.9	27.6	28.3
3	16.4	15.9	16.1	13.6	11.5	12.5	21.8	19.9	20.8	29.3	27.9	28.5
4	16.0	15.4	15.7	11.5	10.7	11.0	19.9	19.1	19.5	29.9	28.1	28.8
5	15.4	14.3	14.9	12.6	10.4	11.3	19.5	18.7	19.1	31.1	29.1	29.7
6	14.3	13.5	13.9	12.9	11.7	12.2	20.7	19.3	19.9	30.1	29.5	29.9
7	13.5	12.7	13.1	14.3	12.4	13.3	20.1	19.6	19.9	30.4	28.9	29.6
8	13.8	12.3	12.9	15.1	13.8	14.4	20.1	19.6	19.9	30.1	29.0	29.6
9	13.7	12.5	13.1	17.1	15.1	15.4	20.8	19.3	19.9	30.4	29.0	29.6
10	14.2	13.2	13.6	14.8	14.2	14.5	21.9	20.0	20.7	31.1	29.3	30.0
11	13.3	12.6	12.9	15.6	14.1	14.9	22.6	20.5	21.7	30.3	29.5	29.9
12	13.9	12.4	13.0	17.0	15.4	15.8	23.1	21.9	22.5	29.8	28.9	29.3
13	14.1	12.9	13.4	17.2	15.2	16.0	23.6	22.7	23.0	28.9	26.6	28.3
14	15.0	12.7	13.5	17.0	15.9	16.5	23.8	22.5	22.9	26.6	25.3	26.0
15	14.1	13.4	13.7	18.3	16.9	17.6	25.2	23.3	24.1	27.1	25.8	26.4
16	14.5	13.5	14.0	19.8	18.3	19.1	25.3	24.4	24.9	27.4	26.0	26.7
17	14.8	13.4	14.1	21.2	19.8	20.5	26.6	24.8	25.5	27.5	26.8	27.1
18	15.3	13.7	14.6	22.7	21.2	21.8	27.7	25.8	26.6	27.0	24.3	25.6
19	15.8	14.7	15.2	---	---	---	28.5	26.7	27.4	24.3	23.3	23.8
20	17.0	15.8	16.3	23.3	22.8	23.1	28.5	27.2	27.8	25.3	22.9	24.0
21	19.2	16.0	17.0	---	---	---	29.0	27.3	28.0	25.0	23.4	24.0
22	17.4	15.2	15.8	---	---	---	29.2	27.3	27.8	26.5	23.8	24.7
23	15.2	14.5	14.9	---	---	---	28.2	27.0	27.6	25.7	24.3	24.8
24	16.2	14.3	15.2	20.3	19.3	19.8	28.6	27.3	28.0	26.1	24.3	25.1
25	16.4	15.2	15.8	20.9	19.6	20.2	28.7	27.4	27.8	27.2	25.3	26.0
26	---	---	---	21.3	12.3	17.9	28.6	27.1	27.7	28.6	26.0	27.0
27	14.4	13.4	13.9	14.2	12.3	13.1	27.9	27.1	27.5	29.3	26.7	27.7
28	15.0	13.0	13.8	16.6	13.6	15.2	28.4	26.9	27.6	28.4	27.3	27.8
29	---	---	---	17.6	15.9	16.7	28.7	27.4	27.8	29.2	27.5	28.3
30	---	---	---	19.3	17.5	18.4	29.0	27.9	28.5	29.0	27.6	28.2
31	---	---	---	20.2	19.1	19.5	---	---	---	28.5	26.2	27.8
MONTH	---	---	---	---	---	---	29.2	18.6	24.1	31.1	22.9	27.4

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA--Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	27.6	28.3	30.4	28.8	29.6	30.1	29.6	29.9	30.4	29.8	30.2
2	30.6	28.1	28.8	30.8	29.3	30.0	30.5	29.5	30.0	30.1	29.8	29.9
3	30.8	29.3	30.1	31.0	29.6	30.1	30.8	29.9	30.3	29.9	29.6	29.8
4	31.5	29.7	30.5	30.9	29.5	30.1	30.7	30.1	30.4	29.7	29.4	29.6
5	30.8	30.0	30.4	30.5	29.7	30.1	30.2	29.8	29.9	29.6	29.3	29.5
6	31.3	29.3	30.1	31.5	29.5	30.2	30.0	29.6	29.8	29.5	29.1	29.3
7	31.2	29.9	30.4	32.2	30.2	30.9	31.0	29.4	30.2	29.1	28.6	28.8
8	31.0	29.9	30.4	32.0	30.7	31.2	30.8	30.3	30.6	28.6	28.4	28.5
9	31.3	29.7	30.3	31.0	30.2	30.5	30.9	30.2	30.5	29.2	28.2	28.6
10	30.6	29.6	30.1	31.8	30.2	30.9	30.7	29.9	30.2	29.3	28.6	28.9
11	30.1	25.3	27.9	32.2	30.6	31.1	30.1	29.6	29.9	29.1	28.5	28.7
12	28.8	25.7	26.5	32.2	31.0	31.4	29.8	29.3	29.5	29.5	28.8	29.1
13	30.2	26.8	27.8	31.9	30.4	31.0	29.7	29.0	29.4	30.3	29.1	29.4
14	30.3	27.4	29.0	31.2	30.1	30.5	30.4	29.6	30.1	29.5	28.9	29.2
15	30.0	27.7	28.9	31.6	30.2	30.8	30.7	29.6	30.0	29.6	28.8	29.1
16	29.9	28.4	29.0	31.8	29.5	30.9	30.8	29.7	30.3	29.6	29.1	29.3
17	29.8	28.3	29.0	32.0	31.2	31.5	30.6	29.7	30.2	29.4	28.8	29.0
18	29.6	28.4	29.0	32.7	30.6	31.6	30.6	29.8	30.2	29.5	28.8	29.1
19	30.4	28.4	29.3	31.2	30.4	30.8	30.4	29.7	30.0	29.7	28.8	29.2
20	30.1	29.3	29.5	31.4	30.6	30.9	30.5	29.5	30.0	29.9	29.1	29.5
21	30.2	29.1	29.6	31.3	30.7	30.9	30.5	29.6	30.0	31.0	29.4	29.9
22	30.1	28.2	29.1	31.5	30.5	30.8	30.3	29.6	29.9	30.5	29.4	30.0
23	29.6	28.1	28.6	---	---	---	30.2	29.4	29.7	29.4	28.6	29.0
24	29.8	28.1	28.8	31.5	30.7	31.1	30.5	29.3	29.8	28.6	27.6	28.1
25	30.6	28.9	29.6	31.2	30.6	30.8	31.0	29.6	30.0	27.6	26.4	27.0
26	30.0	29.0	29.5	30.9	30.4	30.6	30.3	29.5	29.9	26.4	24.9	25.6
27	29.0	26.7	28.2	31.0	30.2	30.5	30.7	29.5	30.0	26.0	24.7	25.2
28	28.4	27.4	27.9	31.2	30.2	30.5	30.9	29.4	30.1	26.2	25.1	25.5
29	29.6	27.9	28.6	30.7	30.2	30.4	31.0	29.4	30.2	26.3	25.1	25.5
30	30.3	29.3	29.6	30.3	29.8	30.0	30.7	29.7	30.2	26.5	25.2	25.7
31	---	---	---	30.1	29.5	29.8	30.8	29.8	30.2	---	---	---
MONTH	31.5	25.3	29.2	---	---	---	31.0	29.0	30.0	31.0	24.7	28.5

3005160902620 DRAINAGE CANAL AT I-55/I-10 JUNCTION AT LAPLACE, LA

LOCATION.--Lat 30°05'16", long 90°26'20", in sec. 18, T. 11 S., R. 8 E., St. Charles Parish, Hydrologic Unit 08090301, located between I-10 and I-55 on west bank of canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Rain gage at station. Stage affected by tide. Gage is below recordable stage at .68 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.06 ft, Sept. 26, 2002; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.06 ft, Sept. 26; minimum gage height, 0.69 ft, on several days.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.44	1.53	1.14	1.20	1.07	1.47	0.83	1.67	1.56	1.09	1.68
2	1.32	1.55	1.41	1.25	0.91	2.06	1.46	0.73	1.50	1.62	1.18	1.81
3	1.19	1.62	1.26	0.88	0.79	2.07	1.50	0.72	1.29	1.73	1.09	1.93
4	1.29	1.67	1.20	0.70	0.72	1.97	1.39	0.74	1.22	1.76	1.32	1.99
5	1.44	1.65	1.35	0.96	0.78	1.74	1.19	0.72	1.31	1.56	1.52	2.02
6	1.54	1.63	1.38	1.46	1.53	1.41	1.05	0.86	1.48	1.40	1.71	2.09
7	1.55	1.51	1.24	1.07	1.54	1.15	1.13	1.08	1.50	1.29	1.76	2.21
8	1.62	1.42	1.14	0.80	1.24	1.09	1.58	1.22	1.43	1.26	1.69	2.53
9	1.74	1.37	1.00	0.70	1.08	1.27	2.08	1.23	1.45	1.35	1.69	2.79
10	1.93	1.28	0.90	0.69	1.05	1.19	2.11	1.16	1.61	1.40	1.79	2.76
11	2.15	1.17	0.93	0.69	0.85	1.12	2.08	1.27	1.75	1.44	1.92	2.62
12	2.33	1.17	1.21	0.70	0.73	1.49	2.12	1.40	1.79	1.46	2.10	2.45
13	2.54	1.29	1.37	0.71	0.71	1.37	2.11	1.42	1.73	1.46	2.15	2.29
14	2.81	1.56	1.37	0.78	0.70	1.15	2.09	1.07	1.54	1.58	2.06	2.25
15	2.68	1.67	1.28	0.82	0.72	1.25	2.00	1.23	1.23	1.44	1.94	2.30
16	2.55	1.61	1.51	0.77	0.75	1.24	1.87	1.43	1.17	1.22	1.93	2.22
17	2.40	1.42	1.60	0.75	0.69	1.15	1.76	1.50	1.20	1.06	1.99	2.12
18	2.22	1.17	1.40	0.71	0.73	1.13	1.65	1.31	1.44	0.93	2.02	1.95
19	2.04	1.06	1.03	0.72	1.12	1.24	1.50	1.05	1.57	0.85	1.90	1.76
20	1.88	1.01	0.80	---	1.49	1.38	1.32	1.26	1.62	0.80	1.77	1.68
21	1.72	1.00	0.80	0.88	1.49	1.43	1.14	1.30	1.58	0.80	1.67	1.72
22	1.63	1.17	1.10	0.98	1.44	1.12	0.96	1.28	1.58	1.13	1.71	1.83
23	1.57	1.52	1.43	1.53	1.13	0.98	0.97	1.31	1.63	1.25	1.72	2.05
24	1.59	1.58	1.23	1.38	0.98	1.06	1.26	1.37	1.75	1.05	1.60	2.45
25	1.55	1.58	1.00	1.40	1.00	1.21	1.10	1.43	2.10	1.13	1.44	3.58
26	1.53	1.41	0.93	1.25	0.98	1.69	1.11	1.45	2.10	1.31	1.25	4.95
27	1.45	1.40	0.72	1.15	0.71	1.62	1.37	1.45	2.00	1.27	1.18	4.53
28	1.18	1.54	0.70	1.17	0.69	1.41	1.43	1.42	1.90	1.15	1.17	3.98
29	1.27	1.74	0.76	1.18	---	1.33	1.22	1.44	1.75	1.13	1.16	3.58
30	1.31	1.73	0.87	1.24	---	1.14	1.01	1.56	1.64	1.11	1.51	3.24
31	1.34	---	1.04	1.26	---	1.36	---	1.65	---	1.04	1.55	---
MAX	2.81	1.74	1.60	---	1.54	2.07	2.12	1.65	2.10	1.76	2.15	4.95
MIN	1.18	1.00	0.70	---	0.69	0.98	0.96	0.72	1.17	0.80	1.09	1.68

3024260902559 SELSERS CREEK AT I-55 NEAR PONCHATOULA, LA

LOCATION.--Lat 30°24'26", long 90°25'59", in sec. 30, T. 7 S., R. 8 E., Tangipahoa Parish, Hydrologic Unit 08070204, located on east side of north bound bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 2001, datum of gage is 3.29 ft, below NAVD 88.

REMARKS.--Rain gage at station. Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.53 ft, Sept. 27, 2002; minimum, -0.73 ft(revised to NAVD 88), Dec. 19, 20, 31, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.53 ft, Sept. 27; minimum gage height, -0.59 ft, Feb. 27.

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.27	1.27	1.14	0.80	0.78	0.74	1.62	0.57	1.47	1.03	0.64	1.67
2	0.92	1.42	1.07	0.84	0.34	1.80	1.43	0.42	1.14	0.91	0.59	1.83
3	0.88	1.46	0.90	0.23	0.31	1.68	1.36	0.53	0.96	0.71	0.91	1.85
4	1.13	1.44	0.92	-0.12	0.10	1.03	1.07	0.52	0.97	0.43	1.20	1.84
5	1.33	1.37	1.14	0.27	0.40	0.38	0.81	0.48	1.16	0.36	1.71	1.80
6	1.34	1.36	1.12	1.01	1.38	0.31	0.81	0.83	1.41	0.48	1.74	1.73
7	1.37	1.19	0.94	0.05	0.93	0.50	1.02	1.05	1.32	0.77	1.57	2.02
8	1.48	1.14	0.80	-0.26	0.60	0.77	1.57	1.20	1.19	0.97	1.40	2.29
9	1.74	1.06	0.59	-0.30	0.50	0.99	2.08	1.09	1.29	1.25	1.70	2.49
10	1.99	0.96	0.58	-0.18	0.53	0.72	2.00	1.00	1.67	1.23	1.83	2.44
11	2.15	0.87	0.67	0.02	0.17	0.85	1.83	1.23	1.72	1.34	1.96	2.20
12	2.36	0.90	1.08	0.19	-0.04	1.25	1.92	1.40	1.66	1.35	2.03	1.90
13	2.48	1.13	1.19	0.33	0.06	0.73	2.05	1.17	1.46	1.28	1.84	1.85
14	2.61	1.51	1.09	0.45	0.22	0.77	2.00	0.64	1.07	1.07	1.55	2.07
15	2.34	1.51	1.04	0.49	0.39	1.10	1.84	1.10	0.79	0.63	1.43	2.06
16	2.19	1.33	1.39	0.46	0.36	1.00	1.64	1.43	0.84	0.62	1.56	1.80
17	1.89	1.03	1.43	0.46	0.00	0.92	1.51	1.34	1.00	0.56	1.59	1.55
18	1.66	0.79	0.87	0.38	0.26	0.90	1.33	0.74	1.36	0.46	1.53	1.36
19	1.53	0.75	0.49	0.31	1.06	1.06	1.11	0.66	1.50	0.45	1.43	1.32
20	1.38	0.62	0.18	0.17	1.35	1.29	0.96	1.10	1.45	0.49	1.34	1.48
21	1.31	0.75	0.44	0.60	1.24	1.05	0.81	1.06	1.32	0.52	1.35	1.50
22	1.31	0.98	0.96	0.51	0.98	0.54	0.48	1.11	1.39	0.69	1.41	1.79
23	1.32	1.35	1.26	0.82	0.64	0.70	0.79	1.11	1.46	0.71	1.30	1.99
24	1.41	1.47	0.79	0.80	0.64	0.88	1.16	1.23	1.51	0.64	1.18	2.19
25	1.24	1.20	0.66	0.69	0.74	1.10	0.73	1.29	1.49	0.72	0.97	2.67
26	1.24	1.14	0.58	0.61	0.49	1.50	0.99	1.30	1.50	0.75	0.90	3.91
27	1.00	1.18	-0.15	0.68	-0.32	1.18	1.39	1.29	1.35	0.82	0.86	4.36
28	0.84	1.49	0.09	0.82	-0.11	1.06	1.35	1.20	1.27	0.83	0.93	3.88
29	1.00	1.74	0.40	0.88	---	1.05	0.89	1.30	1.15	0.86	0.90	3.49
30	1.06	1.35	0.58	1.01	---	0.87	0.72	1.45	1.12	0.79	1.12	3.28
31	1.12	---	0.73	1.07	---	1.41	---	1.53	---	0.74	1.42	---
MAX	2.61	1.74	1.43	1.07	1.38	1.80	2.08	1.53	1.72	1.35	2.03	4.36
MIN	0.84	0.62	-0.15	-0.30	-0.32	0.31	0.48	0.42	0.79	0.36	0.59	1.32

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than at stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of peak elevation at flood-profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow; and discharge measurements made for a special studies are presented following the partial-record tables.

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, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2002

Station name and number	Location and drainage area	Period of record	Water Year 2002 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft^3/s)	Date	Gage height (ft)	Dis-charge (ft^3/s)
		RED RIVER BASIN						
Indian Creek at Shongaloo, La. (07348725)	Lat 32°55′55″, long 93°17′30″, Webster Parish, at bridge on State Highway 159, and 0.8 mi southeast of Shongaloo. Drainage area is 33.1 mi^2.	1966-02	12-17-01	42.54	1,090	4-28-91	46.86	15,200
Rambin Bayou near Frierson, La. (07351670)	Lat 32°13′25″, long 93°42′15″, De Soto Parish, at bridge on State Highway 175, and 1.75 mi south of Frierson. Drainage area is 59.6 mi^2.	1966-02	4-08-02	11.52	4,500	5-21-83	15.15	13,600
Kepler Creek at Sparta, La. (07352400)	Lat 32°02′55″, long 93°18′10″, Red River Parish, at bridge on State Highway 507, and 0.8 mi west of Sparta. Drainage area is 21.1 mi^2.	1954-68, 1974-02	12-12-01	45.75	2,570	12-10-83	46.04	5,280
Grand Bayou near Coushatta, La. (07352800)	Lat 32°22′05″, long 93°05′35″, Bienville Parish, at bridge on State Highway 155, and 3.3 mi northeast of Coushatta. Drainage area is 93.9 mi^2.	1956-77, 1979-02	12-13-01	11.79	5,970	5-18-89	14.04	15,400
Kisatchie Bayou at Kisatchie, La. (07353990)	Lat 31°25′20″, long 93°10′14″, Natchitoches Parish, at bridge on State Highway 117 and 0.6 mi north of Kisatchie. Drainage area is 37.3 mi^2.	1966-02	11-29-01	22.66	3,630	12-27-82	26.13	17,800
Sugar Creek near Arcadia, La. (07364870)	Lat 32°41′20″, long 92°51′30″, Claiborne-Lincoln Parish line, at bridge on State Highway 146, and 10.3 mi northeast of Arcadia. Drainage area is approximately 47 mi^2.	1966-02	12-12-01	46.42	5,730	4-29-91	48.34	15,000
Bayou Choudrant tributary near Tremont, La. (07366403)	Lat 32°31′55″, long 92°27′55″, Lincoln Parish, at culvert on Interstate Highway 20, and 1.1 mi northwest of Tremont. Drainage area is 0.54 mi^2.	1966-02	12-12-01	8.94	382	5-05-89	12.49	1,280
Bayou Choudrant near Calhoun, La. (07366420)	Lat 32°32′35″, long 92°22′50″, Ouachita Parish, at bridge on State Highway 151, and 2.5 mi northwest of Calhoun. Drainage area is 113 mi^2.	1966-02	12-13-01	47.20	18,400	12-27-82	48.50	26,800
Guyton Creek near Eros, La. (07367250)	Lat 32°25′25″, long 92°21′30″, Ouachita Parish, at culvert on State Highway 546, and 4.3 mi east of Eros. Drainage area is 8.76 mi^2.	1968-02	12-12-01	10.60	593	12-27-82	14.38	2,770
Bushley Creek at Manifest, La. (07369360)	Lat 31°42′50″, long 91°57′10″ Catahoula Parish, at bridge on State Highway 8, and 0.5 mi east of Manifest. Drainage area is 64.7 mi^2.	1984-02	12-13-01	39.53	5,240	11-16-87	42.94	15,500

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Gage height (ft)	Dis-charge (ft^3/s)	Period of record maximum: Date	Gage height (ft)	Dis-charge (ft^3/s)
		RED RIVER BASIN--Continued						
Beaucoup Creek near Cotton Plant, La. (07370600)	Lat 32°06′40″, long 92°19′20″, Winn Parish, at bridge on State Highway 126, and 3.3 mi west of Cotton Plant. Drainage area is 127 mi^2.	1951-68, 1974-02	12-13-01	11.54	4,590	12-28-82 4-23-95	13.93 13.82	17,200 17,300
Brushy Creek near Joyce, La. (07372110)	Lat 31°55′10″, long 92°33′15″, Winn Parish, at bridge on U.S. Highway 84, and 3.0 mi southeast of Joyce. Drainage area is approximately 24 mi^2.	1965-02	12-13-01	43.78	1,520	11-16-87	47.77	16,000
Hemphill Creek at Nebo, La. (07373250)	Lat 31°35′04″, long 92°07′55″, La Salle Parish, at bridge on State Highway 460,and 0.6 mi east of Nebo. Drainage area is 35.3 mi^2.	1956-63 1978-95† 1996-02	12-13-01	12.39	6,450	11-16-87	14.93	15,800
		MISSISSIPPI RIVER DELTA						
Abita River north of Abita Springs, La. (07375222)	Lat 30°28′55″, long 90°02′20″, St. Tammany Parish, at bridge on State Highway 36, and 0.2 mi north of village of Abita Springs. Drainage area is 46.1 mi^2.	1966-02	9-26-02	23.23	3,900	4-12-95	25.37	6,000
Terrys Creek near Kentwood, La. (07375307)	Lat 30°57′23″, long 90°30′13″, Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.5 mi northeast of Kentwood. Drainage area is 52.0 mi^2.	1966-02	9-26-02	11.91	4,418	4-06-83 1-22-93	14.40 14.40	19,600 19,600
Amite River at Grangeville, La. (07377150)	Lat 30°44′10″, long 90°50′30″, East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5mi southwest of Grangeville. Drainage area is 741 mi^2.	1951-63, 1964-82, 1993-02	9-28-02	26.90	(*)	4-14-55	46.47	63,800
Sandy Creek near Pride, La. (07377210)	Lat 30°40′14″, long 90°57′36″, East Baton Rouge Parish, at bridge on Carson Road, 0.8 mi east of intersection of Carson Road with State Highway 409, and 1.9 mi southeast of Pride. Drainage area is 69.9 mi^2.	1976-02	4-10-02 8-08-02	[a]86.39 [a]86.99	 2,127	4-06-83	[a]94.13	11,800
Beaver Creek at Peairs Road SE of Milldale, La. (07377233)	Lat 30°38′30″, long 91°01′58″, East Baton Rouge Parish, at bridge on Peairs Road, 2.3 mi east from junction of State Hwy. 64 and Peairs Road. Drainage area is 8.16 mi^2.	1995-02	3-01-02 4-08-02 9-26-02	<88.81 89.78 89.07	(*) (*) (*)	12-18-95	90.29	(*)
Little Sandy Creek near Greenwell Springs, La. (07377240)	Lat 30°37′36″, long 90°59′20″, East Baton Rouge Parish, at bridge on State Highway 409, 3.4 mi north of the village of Greenwell Springs. Drainage area is 28.2 mi^2.	1974-85† 1986-94[b], 1995-02	4-10-02	[a]64.08	(*)	4-06-83	76.69	12,500
Amite River at Magnolia, La. (07377300)	Lat 30°32′05″, long 90°58′50″, East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mi east of Magnolia. Drainage area is 884 mi^2.	1949-82 1993-02†	4-10-02	47.17	20,500	4-23-77	51.91	85,100
Cypress Bayou at Hooper Road, near Baton Rouge, La. (07377920)	Lat 30°31′42″, long 91°06′35″, East Baton Rouge Parish, at bridge 7.0 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-92[b], 1993-02	3-02-02 4-09-02	43.34 43.85	(*)	4-07-83	56.42	(*)
Blackwater Bayou near Baton Rouge, La. (07377940)	Lat 30°32′06″, long 91°04′53″, East Baton Rouge Parish, at bridge on Hooper Road, 8.5 mi northeast of Baton Rouge Post Office. Drainage area is 14.1 mi^2.	1962-94[b] 1995-02	4-09-02	[a]43.37	(*)	4-07-83	56.20	(*)
Beaver Bayou at Wax Road near Baton Rouge, La. (07378100)	Lat 30°32′34″, long 91°01′14″, East Baton Rouge Parish, at culvert 11.8 mi northeast of Baton Rouge Post Office. Drainage area is 9.49 mi^2.	1972-02	3-01-02 4-08-02 9-26-02	51.94 51.70 51.92		6-28-89	59.54	(*)
Jones Creek at Old Hammond Highway, near Baton Rouge, La. (07378650)	Lat 30°26′26″, long 91°02′40″, East Baton Rouge Parish, at bridge 8.4 mi east of Baton Rouge Post Office. Datum of gage prior to Oct. 1, 1995, 0.43 ft higher. Drainage area is 14.7 mi^2.	1962-95[b], 1996-02	3-26-02 4-08-02	32.14 32.01	(*)	6-18-99	34.44	3,310

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Gage height (ft)	Dis-charge (ft^3/s)	Period of record maximum: Date	Gage height (ft)	Dis-charge (ft^3/s)
	MISSISSIPPI RIVER DELTA--Continued							
Ward Creek at Essen Lane, near Baton Rouge, La. (07379050)	Lat 30°24′17″, long 91°06′12″, East Baton Rouge Parish, at bridge, 5.7 mi southeast of Baton Rouge Post Office. Datum of gage, prior to Aug. 8, 1995,1.30 ft higher. Drainage area is not determined.	1963-70[b], 1975-92[b], 1993-02†	3-26-02	22.87	(*)	5-06-89	29.99	(*)
North Branch Ward Creek at Goodwood Boulevard at Baton Rouge, La (07379090)	Lat 30°26′34″, long 91°05′27″, East Baton Rouge Parish, at bridge 5.5 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1968-92[b], 1993-02	3-26-02	37.93	(*)	8-1-75	40.91	(*)
North Branch Ward Creek at Old Hammond Hwy. at Baton Rouge, La. (07379095)	Lat 30°25′50″, long 91°05′11″, East Baton Rouge Parish, at bridge on Old Hammond Hwy., 0.3 mi west of Airline Hwy (Hwy 61). Drainage area is not determined.	1995-02	3-26-02	33.57	(*)	4-11-95	36.86	(*)
North Branch Ward Creek at Jefferson Hwy. at Baton Rouge, La. (07379100)	Lat 30°25′04″, long 91°05′29″, East Baton Rouge Parish, at bridge on Jefferson Highway, 5.9 mi southeast of Baton Rouge Post Office. Datum of gage, prior to June 15, 1995, 0.35 ft higher. Drainage area is not determined.	1962-95[b], 1996-02†	3-26-02	26.09	(*)	6-28-89	32.14	(*)
	MERMENTAU RIVER BASIN							
Castor Creek near near Oberlin, La. (08011800)	Lat 30°37′10″, long 92°37′10″, Allen Parish, at bridge on Parish road 0.1 mi upstream from Mulberry Creek, and 8.5 mi east of Oberlin. Drainage area is 43.9 mi^2.	1964-02	12-03-01	47.34	(*)	9-20-79	49.93	8,560
	CALCASIEU RIVER BASIN							
Whisky Chitto Creek tributary near Leesville, La. (08013610)	Lat 31°06′55″, long 93°09′50″, Vernon Parish, at culvert on Ninth Street in North Fort Polk, and 3.2 mi upstream from mouth. Drainage area is 0.32 mi^2.	1966-02	11-29-01	11.71	676	3-07-95	11.82	690
Dry Creek at Dry Creek, La. (08015200)	Lat 30°39′25″, long 93°02′45″, Beauregard Parish, at bridge on State Highway 113, and 1.0 mi south of Dry Creek. Drainage area is 42.7 mi^2.	1954-68, 1975-02	11-30-01	23.93	5,940	12-22-95	26.51	12,400
	SABINE RIVER BASIN							
Bayou Scie at Zwolle, La. (08024030)	Lat 31°37′45″, long 93°37′40″, Sabine Parish, at bridge on U.S. Highway 171, and 1.0 mi east of Zwolle. Drainage area is 45.9 mi^2.	1950-68, 1974-02	12-12-01	12.58	3,680	5-18-89	17.90	22,400
Pearl Creek at State Highway 111, at Burr Ferry, La. (08025850)	Lat 31°04′32″, long 93°29′22″, Vernon Parish, at bridge on State Highway 111, and 0.8 mi northeast of Burr Ferry. Drainage area is 9.66 mi^2.	1967-02	11-29-01	13.15	3,100	2-13-84 11-29-01	12.78 13.15	3,300 3,100

† Operated as a continuous-record gaging station.

* Discharge not determined.

a Elevation; sea level.

b Operated as a flood profile gage.

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, all floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002

Station name and number	Location and drainage area	Period of record	Water Year 2002 maximum		Period of record maximum	
			Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
		PEARL RIVER BASIN				
Bogue Chitto at Enon, La. (02491800)	Lat 30°43′10″, long 90°05′00″, Washington Parish, at bridge on State Highway 437, and 0.5 mi south of Enon. Drainage area is 1,107 mi^2.	1950-63, 1973-02	9-28-02	100.55	4-08-83	124.80
Gum Bayou at St. Hwy. 11 nr Slidell, La. (02492648)	Lat 30°20′40″, long 89°45′25″, St. Tammany Parish, at bridge on State Highway 11, 2.7 miles north of its intersection with I-12. Drainage area is approximately 17.9 mi^2.	1998-02	9-26-02	[a]26.25	6-11-01	[a]27.48
Pearl River at Crawford's Landing near Slidell, La. (024926495)	Lat 30°18′10″, long 89°42′24″, St. Tammany Parish, at pier at landing, approximately 0.75 miles on Crawford Road from intersection with N. MilitaryRoad in Slidell. Drainage area is not determined.	1999-02†[b,c]	9-30-02	[a]6.93	3-11-01	7.52
W-15 Canal at St. Hwy. 11 nr Slidell, La. (02492660)	Lat 30°20′20″, long 89°45′31″, St. Tammany Parish, at bridge on Highway 11, 2.3 miles north of its intersection with I-12. Drainage area is indeterminate.	1998-02[c]	9-26-02	[a]26.89	9-26-02	[a]26.89
Poor Boy Canal at Military Road at Slidell, La. (02492662)	Lat 30°18′51″, long 89°43′52″, St. Tammany Parish, at bridge 0.2 miles north of junction with Brownswitch Road. Drainage area is not determined.	1998-02[c]	8-05-02	[a]10.99	6-11-01	[a]11.52
W-15 Canal at St. Hwy. 190 Slidell, La. (02492664)	Lat 30°17′17″, long 89°43′56″, St. Tammany Parish, at bridge on State Highway 190 (Gausse Blvd.), 1.14 miles east of its intersection with I-10. Drainage area is indeterminate.	1998-02	9-26-02	[a]10.33	6-11-01	[a]11.90
W-15 Canal at I-10 Service Rd. at Slidell, La. (02492665)	Lat 30°17′31″, long 89°43′48″, St. Tammany Parish, at bridge approximately 0.5 miles north of intersection with Gause Blvd. Drainage area is indeterminate.	1999-02[c]	9-26-02	[a]13.41	6-11-01	[a]15.12
French Branch at Old River Road at Slidell, La. (02492666)	Lat 30°16′06″, long 89°42′59″, St. Tammany Parish,at bridge on Old River Road, approximately 0.3 mile north of intersection with Military Road. Drainage area is not determined.	1998-02†[c]	9-26-02	6.88	6-11-01	7.22
Doubloon Branch at State Hwy. 190 at Slidell, La. (02492667)	Lat 30°15′44″, long 89°43′33″, St. Tammany Parish,at bridge on State Highway 190 Business Route, approximately 0.2 mile west of intersection with Military Road. Drainage area is not determined.	1998-02†[c]	9-26-02	5.81	9-26-02	5.81
		RED RIVER BASIN				
Cross Bayou west of Greenwood, La. (07344425)	Lat 32°27'21", long 94°00'52", Caddo Parish, at bridge on U.S. HWY 80, 2.4 mi west of intersection with State Highway 169. Drainage area is 26.30 mi^2.	1999-02†[b]	12-17-01	[d]14.65	4-05-99	[d]16.18
Bullard Creek near Jonesville, Tx. (07344445)	Lat 32°31'22", long 94°07'18", Harrison County, at culvert on F.M. Road 134, 5.5 mi north of Wascom. Drainage area undetermined.	2000-02†[b]	2002	e	5-04-00	[d]6.38
Paw Paw Bayou near Greenwood, La. (07344450)	Lat 32°31'00", long 93°58'20", Caddo Parish, at bridge on State Highway 169 5.1 miles north of Greenwood. Drainage area 80.5 mi^2.	1955-86†, 1999-02†[b]	12-17-01	181.52	6-27-86	186.32

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Water year 2002 maximum: Period of record	Water year 2002 maximum: Date	Water year 2002 maximum: Elevation in ft (NGVD 1929)	Period of record maximum: Date	Period of record maximum: Elevation in ft (NGVD 1929)
	RED RIVER BASIN--Continued					
Shettleworth Bayou near Blanchard, La. (07344460)	Lat 32°34'00", long 93°56'25", Caddo Parish, at bridge on Blanchard-Furrh road, 3.1 mi west of Blanchard, La. Drainage area 19.5 mi².	1999-02†[b]	12-17-01	[d]11.63	4-05-99	[d]14.30
Jims Bayou near Kildare, Tx. (07346120)	Lat 32°53'09", long 94°10'58", Harrison County, at bridge on State Highway 43 1.6 mi south of Kildare Junction, Tx. Drainage area undetermined.	2000-02†[b]	12-17-01	[d]11.01	2-17-01	[d]11.21
McCain Creek near Blanchard, La. (07348098)	Lat 32°36'08", long 93°35'13", Caddo Parish, at bridge on State Highway 538, 0.5 mile east of State Highway 1. Drainage area undetermined.	2000-02†[b]	12-17-01	[d]12.74	12-17-01	[d]12.74
Cypress Bayou near Plain Dealing, La. (07349775)	Lat 32°50'56", long 93°38'53", Bossier Parish, at bridge on State Highway 157, 4.5 mi south of State Highway 2. Drainage area approx. 30.2 mi²	2000-02†[b]	12-17-01	[d]7.76	2-16-01	[d]8.47
Bayou Pierre at Shreveport, La. (07350700)	Lat 32°27'20", long 93°44'06", Caddo Parish, at bridge on East 70th Street, 1.5 mi east of Interstate 49. Drainage area approx. 14.2 mi².	2000-02†[b]	4-08-02	[a]150.68	5-04-00	[a]152.14
Sand Beach Bayou at Shreveport, La. (07350820)	Lat 32°26′35″, long 93°43′27″, Caddo Parish, at bridge on East 70th Street, and 4.3 mi southeast of Shreveport city hall. Drainage area undetermined.	1963-02	4-08-02	150.80	5-07-78	163.00
Boggy Bayou north of Spring Ridge, La. (07350985)	Lat 32°21'24", long 93°56'45", Caddo Parish, at bridge on State Highway 169, 3.2 mi north of Spring Ridge, La Drainage area undetermined.	2000-02†[b]	4-08-02	[a]213.09	5-04-00	[a]213.66
Brush Bayou at Shreveport, La. (07351200)	Lat 32°26′23″, long 93°46′52″, Caddo Parish, at Southern Pacific Transportation Railway Company railroad bridge, and 4.9 mi southwest of Shreveport city hall. Drainage area is 3.4 mi².	1960-02	2002	<180.64	5-08-78	188.99
Gilmer Bayou near Shreveport, La. (07351275)	Lat 32°24′49″, long 93°53′39, Caddo Parish, at culvert on State Highway 526, 2.2 mi west of U.S.Highway 171. Drainage area undetermined.	2000-02†[b]	12-16-01	201.50	5-04-00	202.08
Brush Bayou near Shreveport, La. (07351300)	Lat 32°23′25″, long 93°46′15, Caddo Parish, at bridge on State Highway 526, and 2.5 mi south of Shreveport. Drainage area is 27.1 mi².	1960-02	12-12-01	157.21	4-12-91	166.33
Bayou Pierre at Powhatan, La. (07351755)	Lat 31°51′37″, long 93°12′22″, Natchitoches Parish, at bridge on State Highway 485, 1.0 mi southwest of Powhatan, and 11.8 mi upstream from mouth. Drainage area is 879 mi².	1981-85†, 1986-02†[b]	12-22-01	111.86	5-18-90	118.28
Bayou Rapides near Alexandria, La. (07355475)	Lat 31°18′43″, long 92°33′38″, Rapides Parish, at bridge on Parish Road 1202, 12.2 mi upstream from mouth, and 6.9 mi west of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-02	11-29-01	80.46	1979	81.91
Bayou Bartholomew northwest of Jones, La. (07364203)	Lat 32°58′55″, long 91°42′00″, Morehouse Parish, on right bank, 3.2 mi northwest of Jones. Drainage area is approximately 1,190 mi².	1973-85†, 1986-02†[b]	1-07-02	106.07	5-05-91	107.56
Ouachita River at Sterlington, La. (07364535)	Lat 32°41′46″, long 92°05′12″, Ouachita-Union Parish line, on bridge on State Highway 2 at Sterlington. Drainage area is 12,953 mi².	1979-02†	1-01-02	77.39	5-07-73	85.65
Bayou D'Arbonne below dam, near Downsville, La. (07366365)	Lat 32°42′46″, long 92°20′26″, Union Parish, on downstream side of dam at left end, and 7.4 mi northeast of Downsville. Drainage area is 1,607 mi².	1978-02	12-15-01	74.01	4-30-91	86.33
Black Bayou at West Monroe, La. (07367030)	Lat 32°29′55″, long 92°08′30″, Ouachita Parish, on downstream side of bridge at Interstate 20-State Highway 34 exit, at West Monroe. Drainage area is not determined.	1978-02	12-12-01	37.33	4-29-91	43.10
Youngs Bayou at Monroe, La. (07369016)	Lat 32°29′37″, long 92°04′56″, Ouachita Parish, at bridge on service road of U.S.Highway 165, and 0.3 mi south of junction with Interstate 20 at Monroe. Drainage area is not determined.	1978-02	12-13-01	64.89	5-05-89	68.16

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum Date	Water year 2002 maximum Elevation in ft (NGVD 1929)	Period of record maximum Date	Period of record maximum Elevation in ft (NGVD 1929)
	RED RIVER BASIN--Continued					
Youngs Bayou near Monroe, La. (07369024)	Lat 32°27′34″, long 92°02′49″, Ouachita Parish, at bridge on Moore Road, and 3.1 mi southeast of Monroe. Drainage area is not determined.	1978-02	12-14-01	63.04	5-05-91	65.58
Bayou Lafourche near Alto, La. (07369050)	Lat 32°23′50″, long 91°59′40″, Ouachita-Richland Parish line at bridge on State Highway 15, and 8.0 mi west of Alto. Drainage area is not determined.	1973-85†, 1986-02†[b]	12-23-01	61.77	4-23-47	63.80
Tensas River southeast of Tendal, La. (07369515)	Lat 32°23′17″, long 91°20′05″, Madison Parish, on right bank 3.5 mi southeast of Tendal. Drainage area is not determined.	1975-85†, 1986-01†[b]	12-02-01	71.56	5-05-91	74.42
Little River at Rochelle, La. (07372190)	Lat 31°47′35″, long 92°21′42″, Grant-La Salle Parish line, at bridge on U.S.Highway 165, at Rochelle. Drainage area is 1,892 mi^2.	1938-46†[f], 1948-57†f, 1958-73†[b], 1974-85†, 1986-02†[b]	12-18-01	64.94	4-25-95	72.17
	BAYOU BATON ROUGE BASIN					
South Canal near Baker, La. (07373965)	Lat 30°37′00″, long 91°08′56″, East Baton Rouge Parish, at bridge on McHugh Road, 1.4 mi upstream from Cypress Bayou, and 2.3 mi northeast of Baker. Drainage area is not determined.	1972-82†, 1983-87[g], 1988-02	4-08-02	74.51	4-15-67	79.52
Baker Canal near Baker, La. (07373980)	Lat 30°34′49″, long 91°12′43″, East Baton Highway 61, 2.7 mi southwest of Baker. Drainage area is not determined.	1963-70, 1995-02	2002	<58.86	4-28-62	65.22
	MONTE SANO BAYOU BASIN					
Monte Sano Bayou at Metro Airport at Baton Rouge, La. (07373993)	Lat 30°32′08″, long 91°09′32″, East Baton Rouge Parish, at bridge on Bessie Coleman Dr. 6.1 mi north of Baton Rouge Post Office. Drainage area is not determined.	1975-02	3-02-02 8-08-02	56.42 53.42	11-25-79	59.33
Monte Sano Bayou at Baton Rouge, La. (07373996)	Lat 30°30′10″, long 91°10′12″, East Baton Rouge Parish, at bridge on U.S.Highway 61, 1.8 mi upstream from mouth and 3.7 mi north of Baton Rouge Post Office. Drainage area is not determined.	1975-94[h], 1995-02[g]	3-02-02 8-08-02	32.85 38.71	4-22-79	46.83(*)
	MISSISSIPPI RIVER DELTA					
W-14 Canal at Roberts Road at Slidell, La. (07374570)	Lat 30°17′35″, long 89°46′00″, St. Tammany Parish, on downstream side of concrete culvert on Roberts Road, 1.5 miles northeast of Slidell City Hall. Drainage area is indeterminate.	1986-87 1998-02†[b,c]	8-05-02 9-26-02	10.96 12.17	6-11-01	13.82
W-14 Canal at Brownswitch Road at Slidell, La. (07374571)	Lat 30°18′39″, long 89°46′04″, St. Tammany Parish, at bridge approximately 2.6 miles WNW of Slidell City Hall. Drainage area is indeterminate.	1998-02	08-05-02 09-26-02	[a]16.59 [a]15.60	6-11-01	17.70
W-14 Canal at Daney St. at Slidell, La. (07374572)	Lat 30°16′12″, long 89°46′13″, St. Tammany Parish, at bridge approximately 0.8 miles due west of the intersection of I-10 and U.S. Highway 190 Business Route. Drainage area is not determined.	1998-02[c]	08-05-02 9-26-02	[a]2.62 [a]4.88	6-11-01	8.30
W-14 Canal at Kingspoint Blvd. at Slidell, La. (07374573)	Lat 30°15′27″, long 89°45′08″, St. Parish, at bridge on Kingspoint Blvd., approximately 0.1 mile north of intersection with the I-10 service road.	1998-02†[c]	08-05-02 9-26-02	2.61 5.68	6-11-01	4.44
Vincent Creek at Infantry Road at Slidell, La. (07374574)	Lat 30°18′50″, long 89°46′44″, St. Tammany Parish, at bridge, 0.56 miles east of intersection of Infantry Road and main entrance road for Camp Villere. Drainage area is not determined.	1998-02[c]	9-26-02	[a]14.57	6-11-01	15.57
Vincent Creek at Jackson Road at Slidell, La. (07374575)	Lat 30°17′43″, long 89°47′28″, St. Tammany Parish, at bridge, 0.1 miles east of junction with N. Harrison Road Drainage area is not determined.	1998-02[c]	9-26-02	[a]8.09	6-11-01	[a]10.35
Bayou Vincent at Browns Village Road at Slidell, (07374576)	Lat 30°18′49″, long 89°46′44″, St. Tammany Parish, at bridge, 0.6 miles west of intersection with State Hwy. 11. Drainage area is not determined.	1998-02[c]	8-05-02	[a]13.24	6-11-01	[a]15.82

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum Date	Water year 2002 maximum Elevation in ft (NGVD 1929)	Period of record maximum Date	Period of record maximum Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Bayou Liberty nr Belair Blvd. nr Slidell, La. (073745803)	Lat 30°20′09″, long 89°50′27″, St. Tammany Parish, at path extending from Belair Boulevard near Belair Subdivision, approximately 0.5 miles past the end of Belair Boulevard. Drainage are is not determined.	2001-02	9-26-02	[a]15.37	6-11-01	[a]17.67
Bayou Liberty at Scenic Dr. nr Slidell, La. (073745805)	Lat 30°19′06″, long 89°50′08″, St. Tammany Parish, at bridge, approximately 200 yards past the end of Scenic Dr. Drainage area is not determined.	2001-02	9-26-02	[a]10.89	6-11-01	[a]13.45
Bayou Liberty nr Landis Rd nr Slidell, La. (073745807)	Lat 30°18′39″, long 89°50′00″, St. Tammany Parish, at boat dock on property located at 34130 Landis Rd. Drainage area is not determined.	2001-02	9-26-02	[a]8.37	6-11-01	[a]10.51
Bayou Liberty nr Slidell, La. (07374581)	Lat 30°18′04″, long 89°49′50″, St. Tammany Parish, at bridge on St. Tammany Trace Bike Path, approximately 3.4 miles west, northwest of Slidell City Hall. Drainage area is indeterminate.	1998-02†	9-26-02	[a]7.13	9-26-02	[a]7.13
Bayou Liberty nr Dubuisson Rd. nr Slidell, La. (073745813)	Lat 30°16′46″, long 89°49′24″, St. Tammany Parish, at boat dock on property located at 34695 Dubuisson Rd. Drainage area is not determined.	2001-02	9-26-02	[a]6.56	9-26-02	[a]6.56
Bayou Liberty at St. Hwy. 433 nr Slidell, La. (073745815)	Lat 30°16′07″, long 89°50′40″, St. Tammany Parish, at pontoon bridge on St. Hwy. 433. Drainage area is not determined.	2001-02	9-26-02	[a]6.49	9-26-02	[a]6.49
Bayou Liberty at Bonfouca Marina nr Slidell, La. (073745817)	Lat 30°16′07″, long 89°50′40″, St. Tammany Parish, at boat slip #76 in Bonfouca Marina. Drainage area is not determined.	2001-02	9-26-02	e	11-18-00	[a]2.63
I-10 Drainage Canal nr Little Woods, La. (3004510895507)	Lat 30°04′51″, long 89°55′07″, Orleans Parish, at bridge on I-10 East north of the Michoud Blvd. overpass. Drainage area is indeterminate.	2001-02	9-26-02	[a]0.56	6-13-01	[a]1.42
Bayou Lacombe nr Lacombe, La. (07374585)	Lat 30°21′54″, long 89°55′20″, St. Tammany Parish, at bridge on Krentel Road, 6.27 miles due west of Slidell airport.	1998-02	9-26-02	[a]14.00	6-11-01	[a]18.71
Bayou Chinchuba nr Mandeville, La. (07374595)	Lat 30°23′35″, long 90°03′02″, St. Tammany Parish, at bridge on St. Tammany Trace Bike Path, approximately 2.2 miles northeast of Mandeville City Hall. Drainage area is not determined.	1998-02	9-26-02	[a]19.12	9-26-02	[a]19.12
Bayou Chinchuba at St. Hwy. 190 nr Mandeville, La. (07374598)	Lat 30°22′46″, long 90°05′28″, St. Tammany Parish, at bridge on south-bound lane of State Highway 190, approximately 3.1 miles south of intersection with I-12. Drainage area is not determined.	1998-02	9-26-02	[a]7.89	1-07-98	[a]10.08
Tchefuncte River at St. Hwy. 21 nr Covington, La. (07375060)	Lat 30°27′50″, long 90°07′04″, St. Tammany Parish, at bridge on State Highway 21, 0.7 mile north of I-12. Drainage area is not determined.	1998-02	9-27-02	[a]7.78	3-08-98	9.27
Bogue Falaya at Folsom, La. (07375085)	Lat 30°37′42″, long 90°10′16″, St. Tammany Parish, at bridge on State Highway 40, and 1.0 miles east of Folsom. Drainage area is indeterminate.	1999-02[c]	9-26-02	93.41	[i]3-14-01 9-26-02	91.52 93.41
Bogue Falaya at Lee Road at Covington, La. (07375170)	Lat 30°29′58″, long 90°05′04″, St. Tammany Parish, at bridge 1.19 miles east of intersection with U.S. Hwy. 190. Drainage area is not determined.	1998-02	9-26-02	[a]21.49	6-11-01	[a]22.26
Abita River at Keen Road near Abita Springs, La. (07375218)	Lat 30°29′53″, long 89°58′40″, St. Tammany Parish, at bridge on Keen Road, 0.2 miles from its intersection with State Highway 435. Drainage area is not determined.	1997-02	9-26-02	[a]35.46	6-11-01	[a]36.98

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Water year 2002 maximum: Elevation in ft (NGVD 1929)	Period of record maximum: Date	Period of record maximum: Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Abita River at U.S. Hwy. 190 nr Covington, La. (07375223)	Lat 30°27′36″, long 90°04′57″, St. Tammany Parish, at bridge 1.96 miles north of intersection with I-12 at Covington. Drainage area is not determined.	1997-02	9-26-02	[a]10.47	6-11-01	[a]12.55
Ponchitolawa Creek at St. Hwy. 190 near Mandeville, La. (07375227)	Lat 30°25′26″, long 90°05′07″, St. Tammany Parish, at bridge on service road near southbound lane of Hwy. 190 and approximately 0.14 miles north of intersection with Fairway Dr. Drainage area is not determined.	1998-02	9-26-02	[a]8.00	9-26-02	[a]8.00
Bayou Tete L'ours nr Mandeville, La. (07375228)	Lat 30°24′16″, long 90°04′07″, St. Tammany Parish, at bridge on Evangeline Dr., 2.3 miles northwest of Mandeville City Hall. Drainage area is not determined.	1998-02	9-26-02	[a]10.24	3-4-01	[a]10.95
Little Sandy Creek near Milldale, La. (07377215)	Lat 30°42′34″, long 91°01′26″, East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi north of Milldale. Drainage area is not determined.	1975-96, 1997[g], 1998-02	4-10-02	111.44	2-25-97	115.56
Little Sandy Creek SE of Milldale, La. (07377230)	Lat 30°38′36″, long 91°01′26″, East Baton Rouge Parish, at bridge on Peairs Rd, 2.0 mi west from intersection of Liberty and Peairs Rd. Drainage area is not determined.	1995-02	2002	e	12-18-95	74.72
Sandy Creek near Greenwell Springs, La. (07377250)	Lat 30°36′08″, long 90°59′57″, East Baton Rouge Parish, at bridge on State Highway 37, 1.5 mi north of village of Greenwell Springs, La. Drainage area is not determined.	1982-02†	4-10-02 8-08-02	53.01 47.85	1-26-90	62.20
Comite River near Zachary, La. (07377750)	Lat 30°38′36″, long 91°05′40″, East Baton Rouge Parish, at bridge on State Highway 64, about 4.0 miles east of Zachary. Drainage area is not determined.	1999-02†,[b]	8-07-02	[a]76.08	8-07-02	[a]76.08
Comite River near Baker, La. (07377754)	Lat 30°35′46″, long 91°05′39″, East Baton Rouge Parish, at bridge on Dyer Road, 3 miles northeast of Baker. Drainage area is not determined.	1999-02†,[b]	8-07-02	[a]62.20	8-07-02	[a]62.20
White Bayou East Diversion Channel near Baton Rouge, La. (07377755)	Lat 30°37′00″, long 91°06′55″, East Baton Rouge Parish at bridge on U.S. Highway 67 (Plank Road) 12.2 mi north of Baton Rouge, and 6.5 mi northeast of terminal building at Metro Airport at Baton Rouge. Drainage area is not determined.	1972-84†, 1986-87[g], 1988-02	4-08-02 8-07-02	74.49 <71.58	12-24-71	79.48
Comite River near Baton Rouge, La. (07377760)	Lat 30°33′24″, long 91°05′54″, East Baton Rouge Parish, at bridge on Comite Drive, approximately 2.2 miles east of intersection with Plank Rd. Drainage area is not determined.	2002†,[b]	8-07-02	[a]52.42	8-07-02	[a]52.42
White Bayou at State Highway 64, near Zachary, La. (07377780)	Lat 30°38′10″, long 91°07′38″, East Baton Rouge Parish, at bridge 1.1 mi east of Zachary. Drainage area is not determined.	1962-75, 1977-96 1997-02†,[b]	4-08-02 8-07-02	85.66 <74.40	4-07-83	92.24
White Bayou near Baton Rouge, La. (07377840)	Lat 30°35′06″, long 91°07′31″, East Baton Rouge Parish, at bridge on Plank Road, 10.0 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-02	4-08-02 8-08-02	66.03 68.10	4-07-83	73.23
White Bayou near Baker, La. (07377842)	Lat 30°34′45″, long 91°07′18″, East Baton Rouge Parish at bridge on Pettit Road, and 2.9 mi east of City of Baker. Drainage area is not determined.	1972-84†, 1986-87[g], 1988-02	4-08-02 8-08-02	[d]12.80 [d]<8.51	4-23-77	17.25
Comite River near Baton Rouge, La. (07377870)	Lat 30°31′50″, long 91°05′37″, East Baton Rouge Parish, at bridge on Hooper Road, 7.6 miles northeast of Baton Rouge Post Office. Drainage area is not determined.	2002†,[b]	8-07-02	[a]46.30	8-07-02	[a]46.30
Cypress Bayou at Baker, La. (07377890)	Lat 30°34′31″, long 91°10′01″, East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mi east of State Highway 19 at Baker. Drainage area is not determined.	1967-69, 1971-02	2002	<65.22	4-17-67	69.56

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum Date	Water year 2002 maximum Elevation in ft (NGVD 1929)	Period of record maximum Date	Period of record maximum Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Cypress Bayou at Plank Road, near Baton Rouge, La. (07377900)	Lat 30°32′32″, long 91°08′18″, East Baton Rouge Parish, at bridge 6.9 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-65, 1967-02	3-02-02 4-09-02	49.67 49.08	4-14-67	59.27
Blackwater Bayou near Fred, La. (07377933)	Lat 30°35′52″, long 91°04′46″, East Baton Rouge Parish, at bridge on Dyer Road, 3.8 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1975-02	4-09-02	72.35	4-12-95	73.44
Hurricane Creek at Baton Rouge, La. (07378008)	Lat 30°28′55″, long 91°07′41″, East Baton Rouge Parish, at bridge on East Brookstown Drive, 3.9 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02	4-09-02	<42.41	4-07-83	51.13
Hurricane Creek near Baton Rouge, La. (07378010)	Lat 30°29′14″, long 91°05′20″, East Baton Rouge Parish, at bridge on Joor Road, 6.2 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-02	4-09-02	38.50	5-18-53	51.30
Roberts Canal at Baton Rouge, La. (07378015)	Lat 30°30′22″, long 91°07′31″, East Baton Rouge Parish, at bridge on Silverleaf Ave., 5.3 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02	3-02-02	48.52	4-17-67	55.35
Roberts Canal near Baton Rouge, La. (07378020)	Lat 30°29′55″, long 91°05′17″, East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-02	3-02-02	37.97	4-07-83	51.10
Comite River at Greenwell Springs Road, near Baton Rouge, La. (07378050)	Lat 30°30′20″, long 91°02′24″, East Baton Rouge Parish, at bridge 9.4 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1981-88†, 1989-02†[b]	2002	e	4-7-83	49.42
Beaver Bayou at Denham Road near Baton Rouge, La. (07378075)	Lat 30°35′15″, long 91°01′29″, East Baton Rouge Parish, at culvert 13.7 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1972-02	3-01-02 4-09-02 9-26-02	66.83 66.69 67.72	6-7-01	71.20
Beaver Bayou at Hooper Road near Baton Rouge, La. (07378083)	Lat 30°33′39″, long 91°01′15″, East Baton Rouge Parish, at box culvert on State Highway 408, 8.6 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1982-96†, 1997-02†[b]	3-01-02 4-09-02 9-26-02	59.91 60.18 59.17	4-11-95	62.47
Jones Creek at Airline Highway, at Baton Rouge, La. (07378595)	Lat 30°27′52″, long 91°05′15″, East Baton Rouge Parish, at culvert 5.1 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02	3-26-02 4-08-02	45.82 45.46	9-06-77	49.81
Jones Creek at Florida Boulevard, at Baton Rouge, La. (07378600)	Lat 30°27′21″, long 91°04′29″, East Baton Rouge Parish, at bridge 6.5 mi east of Baton Rouge Post Office. Drainage area is not determined.	1962-02	3-26-02 4-08-02	39.70 41.53	4-14-67	45.69
Lively Bayou northeast of Baton Rouge, La. (07378635)	Lat 30°28′14″, long 91°02′04″, East Baton Rouge Parish, at bridge on Flannery Road, 9.0 mi east of Baton Rouge Post Office. Drainage area is not determined.	1967-02	4-08-02 9-26-02	37.33 38.34	4-14-67	44.58
Lively Bayou east of Baton Rouge, La. (07378640)	Lat 30°27′40″, long 91°02′04″, East Baton Rouge Parish, at bridge on Flannery Road, 8.9 mi east of Baton Rouge Post Office. Drainage area is not determined.	1967-02	4-08-02 9-26-02	35.67 e	8-02-83	42.03
Lively Bayou southeast of Baton Rouge, La. (07378645)	Lat 30°26′47″, long 91°02′04″, East Baton Rouge Parish, at bridge on Flannery Road, 8.8 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02	4-08-02 9-26-02	33.55 33.44	9-06-77	39.68
Weiner Creek near Baton Rouge, La. (07378670)	Lat 30°25′08″, long 91°03′55″, East Baton Rouge Parish, at bridge on Stanley Aubin Drive, 7.3 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02[c]	3-26-02 9-26-02	38.61 39.01	3-25-76	43.71

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Water year 2002 maximum: Elevation in ft (NGVD 1929)	Period of record maximum: Date	Period of record maximum: Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Weiner Creek at S. Sherwood Forest Blvd., at Baton Rouge, La. (07378675)	Lat 30°25′11″, long 91°03′05″, East Baton Rouge Parish, at bridge 0.1 miles from Newcastle Drive. Drainage area is not determined.	1999-02	3-26-02 9-26-02	34.03 33.99	5-05-00	34.86
Jones Creek near Woodlawn School, near Baton Rouge, La. (07378700)	Lat 30°24′50″, long 91°00′50″, East Baton Rouge Parish, at bridge on Jones Creek Road 1.6 mi north of Woodlawn School, and 10.5 mi east of Baton Rouge Post Office. Drainage area is 19.5 mi^2.	1967-93[h], 1994-00[g] 2001-02	3-26-02 4-08-02	21.24 20.56	4-23-77	32.00(*)
Clay Cut Bayou at Siegen Lane near Baton Rouge, La. (07378720)	Lat 30°23′46″, long 91°03′20″, East Baton Rouge Parish, at bridge 7.9 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02	3-26-02 4-08-02 9-26-02	24.61 24.67 <21.77	4-13-69	29.98
Clay Cut Bayou at Antioch Road near Baton Rouge, La. (07378722)	Lat 30°23′12″, long 91°00′26″, East Baton Rouge Parish, at bridge on Antioch Road, 0.25 mi from Tiger Bend Road. Drainage area is not determined.	1995-98[g] 1999-02	3-26-02 4-08-02 9-26-02	15.33 15.07 17.31	4-30-97	20.71
Clay Cut Bayou near Hope Villa, La. (07378725)	Lat 30°22′23″, long 90°58′10″, East Baton Rouge Parish, at bridge on Tiger Bend Road, 2.3 mi northeast of Hope Villa. Drainage area is not determined.	1967-02	3-26-02 4-08-02 9-26-02	9.49 14.50 11.18	6-28-89	26.26
Bluff Swamp nr Kleinpeter, La. (07378748)	Lat 30°19'24", long 90°01'05", Ascension Parish, at lock on Alligator Bayou Rd, 3.8 mi northwest of Prairieville Post Office. Drainage area is 6.60 mi^2. (Formerly published as 07380095 Bluff Swamp nr Prairieville.)	1998-02†[b]	4-13-02	[a]5.17	6-15-01	[a]10.12
Bayou Fountain at Lee Drive at Baton Rouge, La. (07378778)	Lat 30°23′32″, long 91°09′40″, East Baton Rouge Parish, at bridge on Lee Drive, 2.0 miles from intersection of Lee Drive and Perkins Road. Drainage area is not determined.	2000-02	4-08-02	[d]13.15	6-11-01	[d]14.43
Bayou Fountain at Gardere Lane, near Baton Rouge, La. (07378800)	Lat 30°21′52″, long 91°07′16″, East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-66, 1969-92[h], 1993-98[g], 1999-02	4-8-02	12.08	7-01-89	17.58
Bayou Fountain at Bluebonnet Blvd., near Baton Rouge, La. (07378810)	Lat 30°21′01″, long 91°06′29″, East Baton Rouge Parish, at bridge on Bluebonnet Blvd., 0.25 mi southwest of Highland Rd. Drainage area is not determined.	1995-98[h], 1999-02	4-08-02	11.62	6-11-01	15.78
Bayou Fountain at Burbank Dr. near Baton Rouge, La. (07378815)	Lat 30°21′01″, long 91°06′29″, East Baton Rouge Parish, at first bridge south of intersection of Highland Rd. and Siegen Lane. Drainage area is not determined.	2000-02	4-8-02	[d]10.85	6-11-01	[d]17.88
Ward Creek at Government Street, at Baton Rouge, La. (07379000)	Lat 30°20′20″, long 91°08′35″, East Baton Rouge Parish, on downstream end of culvert on Government Street, and 2.4 mi east of Baton Rouge Post Office. Drainage area is 4.04 mi^2.	1954-67†, 1969-73†[b], 1975-02†[b]	3-26-02	40.84	9-26-57	45.28
Ward Creek at College Drive, at Baton Rouge, La. (07379010)	Lat 30°26′08″, long 91°07′59″, East Baton Rouge Parish, at bridge 3.5 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1970-02	3-26-02	36.85	3-06-96	41.84
Ward Creek at Bluebonnet Rd. at Baton Rouge, La. (07379060)	Lat 30°23′38″, long 91°05′14″, East Baton Rouge Parish, at bridge on Bluebonnet Road 200 ft from I-10. Drainage area is not determined.	2000-02	3-26-02	14.15	6-7-01	18.42
Old Ward Creek Diversion at Highland Road near Baton Rouge, La. (07379075)	Lat 30°21′18″, long 91°00′54″, East Baton Rouge Parish, on bridge 0.75 miles southeast of intersection with Airline Highway. Drainage area is not determined.	1999-02	4-08-02	12.11	6-7-01	16.26

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Water year 2002 maximum: Elevation in ft (NGVD 1929)	Period of record maximum: Date	Period of record maximum: Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Dawson Creek at Perkins Road at Baton Rouge, La. (07379400)	Lat 30°24′37″, long 91°07′53″, East Baton Rouge Parish, at bridge, 4.1 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-02	3-26-02	[d]18.30	4-14-67	[d]23.83
Corporation Canal at Oklahoma Street, at Baton Rouge, La. (07379502)	Lat 30°26′05″, long 91°11′12″, East Baton Rouge Parish, at bridge 1.0 mi south of Baton Rouge Post Office. Drainage area is 0.56 mi^2.	1971-02	3-26-02	25.41	3-24-73	28.71
Corporation Canal at East Roosevelt Street, at Baton Rouge, La. (07379503)	Lat 30°25′18″, long 91°10′36″, East Baton Rouge Parish, at bridge 2.0 mi southeast of Baton Rouge Post Office. Drainage area is approximately 1.31 mi^2.	1971-02†[b]	3-26-02	22.71	4-11-95	23.84
Corporation Canal at Stanford Avenue at Baton Rouge, La. (07379508)	Lat 30°24′24″, long 91°09′52″, East Baton Rouge Parish, at culvert 3.2 mi southeast of Baton Rouge Post Office. Drainage area is 2.43 mi^2.	1971-02	3-26-02	18.68	6-28-89	24.31
Bayou Duplantier at Lee Drive, at Baton Rouge, La. (07379550)	Lat 30°24′05″, long 91°09′09″, East Baton Rouge Parish, at bridge 3.8 mi south of Baton Rouge Post Office. Drainage area is not determined.	1962-70, 1971-02†[b]	2002	e	4-14-67	23.69
Dawson Creek at Bluebonnet Blvd. near Baton Rouge, La. (07379960)	Lat 30°22′56″, long 91°05′39″, East Baton Rouge Parish, at bridge 0.25 mi north of Perkins Rd. Drainage area is not determined.	1995-98[g], 1999-02†	2002	j	6-7-01	22.79
Welsh Gully nr Prairieville, La. (07380102)	Lat 30°20'12", long 90°58'08", Ascension Parish, at bridge on John Broussard Rd, 2.6 mi north of Prairieville Post Office. Drainage area is 2.09 mi^2.	1999-02†[b]	9-26-02	8.27	6-8-01	13.30
Muddy Creek at Prairieville, La. (07380103)	Lat 30°18'20", long 90°57'33", Ascension Parish, at bridge on Henry Rd, 0.8 mi east of Hwy. 73 and 0.7 mi northeast of Prairieville Post Office. Drainage area is not determined.	1998-02	9-26-02	18.21	6-10-01	19.36
Muddy Creek nr Oak Grove, La. (07380107	Lat 30°19'42", long 90°56'47", Ascension Parish, at bridge on Manchac Acres Rd, 1.9 mi north northeast of Oak Grove. Drainage area is not determined.	1998-02†[b]	9-26-02	14.32	6-10-01	15.09
Henderson Bayou Trib #2 near Duplessis, La. (07380125)	Lat 30°17'27", long 90°53'55", Ascension Parish, at bridge located on Merritt Evans Rd and 3.2 mi northeast of Duplessis. Drainage area is not determined.	1980-84 1998-02	9-26-02	15.27	9-12-98	15.79
Middle Colyell Creek nr Walker, La. (07380160)	Lat 30°28'45", long 90°50'28", Livingston Parish, at bridge located on Black Mud Rd, 1.8 mi southeast of town of Walker. Drainage area is approximately 25.0 mi^2.	1999-01†[b]	4-09-02	[a]33.33	6-8-01	[k]34.14
West Colyell Creek nr Port Vincent, La. (07380185)	Lat 30°25'19", long 90°51'56", Livingston Parish, at bridge located on Joe May Rd., 0.8 mi from Hwy. 447 at Plainview Baptist Church. Drainage area is approximately 28 mi^2.	1998-02†[b]	4-09-02	[a]19.44	6-8-01	[a]21.37
Grand Goudine Bayou near Prairieville, La. (0738022292)	Lat 30°17'55", long 90°57'34", Ascension Parish, at bridge located on Hwy 73, 1.1 mi south southwest of Prairieville. Drainage area is not determined.	1998-02	9-26-02	14.01	6-7-01	16.02
New River at Gonzales, La. (07380223)	Lat 30°14′12″, long 90°54′43″, Ascension Parish, at bridge on U.S. Highway 61, 0.5 mi northeast of Gonzales water tower. Drainage area is not determined.	1963-02	4-09-02 9-26-02	6.97 6.97	4-22-79	10.15
Black Bayou near Prairieville, La. (0738022385)	Lat 30°17'34", long 90°56'18", Ascension Parish, at bridge on Braud Road, 1.8 mi east of Prairieville Post Office. Drainage area is not determined.	1998-02	9-26-02	15.09	9-12-98	15.97
Bayou Francois near Gonzales, La. (07380226)	Lat 30°13′57″, long 90°56′49″, Ascension Parish, at bridge on State Highway 429, 1.8 mi west of Gonzales water tower. Drainage area is not determined.	1963-02	4-09-02 9-26-02	7.99 7.99	6-7-01	10.90

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2002--Continued

Station name and number	Location and drainage area	Period of record	Water year 2002 maximum: Date	Water year 2002 maximum: Elevation in ft (NGVD 1929)	Period of record maximum: Date	Period of record maximum: Elevation in ft (NGVD 1929)
	MISSISSIPPI RIVER DELTA--Continued					
Bayou Francois at Gonzales, La. (07380227)	Lat 30°13′35″, long 90°55′14″, Ascension Parish, at bridge on State Highway 44, 0.4 mi southwest of Gonzales water tower. Drainage area is not determined.	1963-02	4-09-02 9-26-02	5.57 5.51	4-22-79	9.18
Bayou Rapides-Boeuf-Cocodrie diversion channel at U.S. Highway 165, near Alexandria, La. (07382258)	Lat 31°13′39″, long 92°29′49″, Rapides Parish, at bridge 6.5 mi southwest of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-02	11-29-01	69.38	12-27-82	71.09
Bayou Courtableau near Washington, La. (07382495)	Lat 30°38′53″, long 92°03′40″, St. Landry Parish, 0.1 mi downstream from confluence of Bayou Cocodrie and Bayou Boeuf, 2.0 mi northwest of Washington, and 3.4 mi upstream from gaging station, Bayou Courtableau at Washington. Drainage area is 701 mi^2.	1946-75[f], 1976-85†, 1986-02†[b]	12-04-01	28.68	11-05-85	34.17
Hynson Bayou at Bringhurst Park, at Alexandria, La. (07382840)	Lat 31°17′19″, long 92°27′16″, Rapides Parish, on right bank just below bridge on Masonic Drive, and 1.7 mi south of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-02	2002	<75.23	10-23-72	77.79
Horseshoe Drainage Canal at Packing House Road, at Alexandria, La. (07382850)	Lat 31°16′25″, long 92°26′15″, Rapides Parish, at bridge 2.6 mi south of Alexandria city hall. Drainage area is not determined.	1959-86, 1990-02	11-29-01	71.16	12-15-67	72.43
Hynson Bayou at Hudson St., at Alexandria, La. (07382855)	Lat 31°16′15″, long 92°25′22″, Rapides Parish, at bridge 3.1 mi southeast of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-02	11-29-01	70.87	7-23-69	73.88
Persimmon Bayou near Alexandria, La. (07382865)	Lat 31°13′45″, long 92°22′51″, Rapides Parish, at Texas and Pacific Railway bridge, just downstream from State Highway 1, and 6.7 mi southeast of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-02	11-29-01	67.98	12-15-67	75.01
Bayou des Glaises diversion channel near Moreauville, La. (07383510)	Lat 30°59′59″, long 91°58′57″, Avoyelles Parish, at bridge on unnumbered parish road, and 2.5 mi south of Moreauville. Drainage area is 284 mi^2.	1972-85†, 1986-02†[b]	11-29-01	[k]39.70	4-21-77	43.94
Bayou Teche at Robin, La. (07385470)	Lat 30°26′48″, long 91°55′22″, St. Landry Parish, near center of span on downstream side of bridge between State Highways 31 and 740 at Robin, and 3.7 mi upstream from gaging station, Bayou Teche at Arnaudville. Drainage area is not determined.	1947-85†, 1986-02†[b]	4-10-02	e	4-21-77	23.00
Bayou Teche below Keystone Lock and Dam near St. Martinville, La. (07385702)	Lat 30°04′14″, long 91°49′44″, St. Martin Parish, on downstream side of Keystone Lock and Dam 3.5 mi south of St. Martinville and 11 mi upstream from Loreauville Canal. Drainage area is not determined.	1985-02†[b]	4-08-02	10.91	5-27-27	24.30
Ruth Canal at Ruth, La. (07386705)	Lat 30°14′34″, long 91°53′05″, St. Martin Parish, on right bank, 150 ft downstream from control structure, 0.5 mi northwest of Ruth, 0.6 mi downstream from point of diversion from Bayou Teche, and 2.5 mi south of town of Breaux Bridge. Drainage area is not determined.	1959-85†, 1986-02†[b]	4-11-02	9.79	8-14-40	18.50

< Less than amount shown.
† Operated as a continuous-record gaging station.
a Elevation, NAVD 88.
b Daily records unpublished.
c Discontinued.
d Gage datum, sea level of gage not determined.
e Missing record.
f Operated by Corps of Engineers.
g Operated as a crest-stage partial-record station.
h Operated as a flood-profile station.
i Revised.
j Daily records published.
k High-water mark.

Discharge Measurements Made at Miscellaneous Sites During Water Year 2002

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements Date	Measurements Discharge (ft^3/s)
		MISSISSIPPI RIVER DELTA				
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°45′34″, long 91°40′00″, St. Mary Parish, Hydrologic Unit 08080103, west of Jaws Bay.	---	1997-02	10-02-01	653
					12-19-01	7,250
					2-28-02	3,510
					4-24-02	4,420
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°43′27″, long 91°33′08″, St. Mary Parish, Hydrologic Unit 08080102, east of Jaws Bay.	---	1997-02	10-02-01	2,490
					12-19-01	12,200
					2-28-02	10,300
					4-24-02	14,800
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°39′31″, long 91°14′52″, St. Mary Parish, Hydrologic Unit 08080101, at Lower Atchafalaya River south of Morgan City, La.	---	1997-02	10-02-01	4,290
					12-19-01	15,000
					2-28-02	13,100
					4-24-02	25,000
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38′58″, long 91°18′15″, St. Mary Parish, Hydrologic Unit 08080101, mile 103 on Gulf Intracoastal Waterway.	---	1997-02	10-02-01	4,890
					12-19-01	13,000
					2-28-02	12,800
					4-24-02	20,500
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38′58″, long 91°23′58″, St. Mary Parish, Hydrologic Unit 08080101, west of Wax Lake Outlet south of Calumet, La.	---	1997-02	10-02-01	410
					12-19-01	10,800
					2-28-02	9,560
					4-24-02	15,500
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38′48″, long 91°23′11″, St. Mary Parish, Hydrologic Unit 08080101, east of Wax Lake Outlet south of Calumet, La.	---	1997-02	10-02-01	5,760
					12-19-01	11,600
					2-28-02	11,300
					4-24-02	14,800
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34′41″, long 90°22′49″, Lafourche Parish, Hydrologic Unit 08090301, west of Bayou Lafourche at Larose, La.	---	1997-02	10-03-01	1,380
					12-18-01	1,550
					2-27-02	2,860
					4-23-02	2,220
					9-17-02	a1,210
					9-17-02	b1,100
					9-18-02	a304
					9-18-02	b1,060
					9-18-02	c1,460
					9-18-02	d1,490
					9-19-02	a-270
					9-19-02	b-87
					9-19-02	c452
					9-19-02	d700
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34′08″, long 90°23′04″, Lafourche Parish, Hydrologic Unit 08090302, east of Bayou Lafourche at Larose, La.	---	1997-02	10-01-01	1,310
					12-18-01	1,570
					2-27-02	2,720
					4-23-02	2,520
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34′00″, long 90°43′20″, Terrebonne Parish, Hydrologic Unit 08090302, west of Houma Navigation Canal at Houma, La.	---	1997-02	10-01-01	1,570
					12-18-01	7,730
					2-27-02	9,510
					4-23-02	11,400
					7-23-02	1,380
Avoca Island Cutoff	Gulf of Mexico	Lat 29°31′59″, long 91°14′26″, Terrebonne Parish, Hydrologic Unit 08090302, south of Morgan City, La.	---	1999-02	10-03-01	-16,500
					4-25-02	8,700
					7-25-02	17,900
Lower Atchafalaya River	Gulf of Mexico	Lat 29°30′43″, long 91°15′55″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, north of Shell Island Pass.	---	2002	6-05-02	174,000
					8-29-02	65,600
Shell Island Pass	Gulf of Mexico	Lat 29°30′27″, long 91°16′53″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	1999-00, 2002	6-06-02	26,100
					8-29-02	8,970
Lower Atchafalaya River	Gulf of Mexico	Lat 29°30′06″, long 91°15′53″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, south of Shell Island Pass.	---	1999-00, 2002	6-06-02	169,000
					8-29-02	38,700
Deer Island Pass	Gulf of Mexico	Lat 29°28′05″, long 91°16′02″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, below Deer Island Bayou at Lower Atchafalaya River.	---	2002	6-05-02	12,000
					8-29-02	2,170
Big Island Pass	Gulf of Mexico	Lat 29°28′40″, long 91°17′26″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-05-02	12,900
					8-29-02	2,860
Lower Atchafalaya River	Gulf of Mexico	Lat 29°27′53″, long 91°16′40″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Andrew Island.	---	2002	6-06-02	139,000
					8-28-02	64,500
East Pass	Gulf of Mexico	Lat 29°26′28″, long 91°17′06″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-05-02	14,500
					8-28-02	4,580
Natal Pass	Gulf of Mexico	Lat 29°26′17″, long 91°16′47″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at East Pass at Lower atchafalaya River.	---	2002	6-05-02	2,700
					8-28-02	869

Discharge Measurements Made at Miscellaneous Sites During Water Year 2002

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements Date	Measurements Discharge (ft^3/s)
		MISSISSIPPI RIVER DELTA--Continued				
Castille Pass	Gulf of Mexico	Lat 29°25′10″, long 91°16′37″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at East Pass at Lower Atchafalaya River.	---	2002	6-05-02 8-28-02	3,680 1,700
East Pass	Gulf of Mexico	Lat 29°25′16″, long 91°16′55″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, south of Castille Pass at Lower Atchafalaya River.	---	2002	6-05-02 8-28-02	7,020 2,110
Lower Atchafalaya River	Gulf of Mexico	Lat 29°26′14″, long 91°19′51″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at God's Island.	---	2002	6-06-02 8-28-02	71,500 34,700
God's Pass	Gulf of Mexico	Lat 29°25′55″, long 91°19′02″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-06-02 8-28-02	13,300 5,850
Ratcliff Pass	Gulf of Mexico	Lat 29°25′46″, long 91°18′41″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-06-02 8-28-02	17,100 6,450
Amereda Pass	Gulf of Mexico	Lat 29°26′55″, long 91°19′59″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-06-02 8-28-02	4,940 1,630
Log Island Pass	Gulf of Mexico	Lat 29°26′28″, long 91°20′01″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080302, at Lower Atchafalaya River.	---	2002	6-06-02 8-28-02	7,100 3,380
Wax Lake Outlet	Gulf of Mexico	Lat 29°32′25″, long 91°25′45″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080101, north of Crewboat Channel.	---	2002	6-04-02 8-27-02	172,000 44,400
Crewboat Channel	Gulf of Mexico	Lat 29°32′24″, long 91°26′08″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080101, at East Pass at Wax Lake Outlet.	---	2002	6-04-02 8-27-02	20,400 5,360
Wax Lake Outlet	Gulf of Mexico	Lat 29°31′38″, long 91°25′59″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080101, Main Pass south of New Pass.	---	2002	6-04-02 8-27-02	143,000 37,700
Wax Lake Outlet	Gulf of Mexico	Lat 29°30′56″, long 91°26′30″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080101, Main Pass.	---	2002	6-04-02 8-27-02	75,300 16,600
East Pass of Wax Lake Outlet	Gulf of Mexico	Lat 29°30′53″, long 91°25′47″, Terrebonne St. Mary Parishes, Hydrologic Unit 08080101.	---	2002	6-04-02 8-27-02	27,600 5,390

RED RIVER BASIN

310408091424500 RED RIVER ABOVE OLD RIVER OUTFLOW CHANNEL, ABOVE SIMMESPORT, LA (CE 04800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JAN					
29...	1330	146000	251	99000	59
FEB					
12...	1000	144000	169	65600	75
MAR					
12...	1000	59200	66	10600	92
APR					
12...	0930	204000	221	122000	71
MAY					
14...	0915	92400	118	29400	80
JUN					
11...	0930	66300	52	9390	91

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

310552091361200 MISSISSIPPI RIVER (COOCHIE) NEAR BLACK HAWK, LA (CE 01020)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

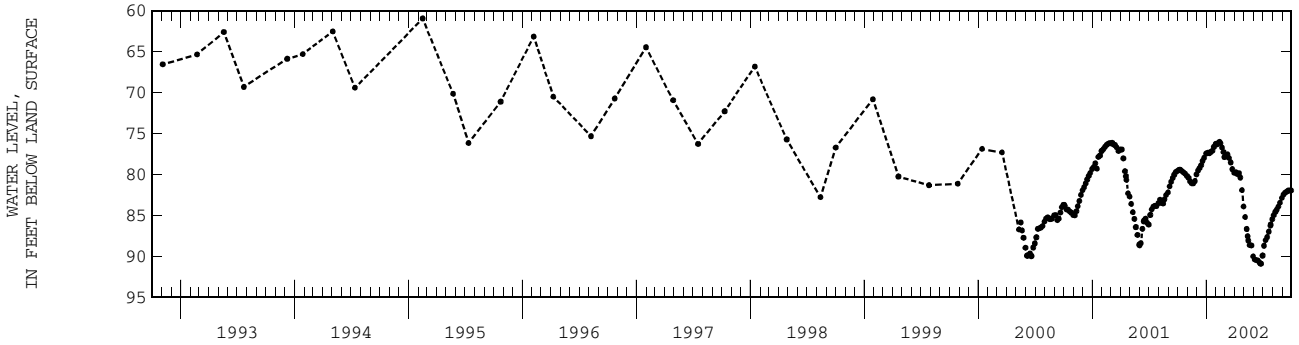
Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
16...	1030	316000	261	223000	100
NOV					
06...	1000	446000	181	218000	81
DEC					
08...	1200	863000	577	1340000	86
JAN					
08...	1130	702000	259	490000	70
FEB					
05...	1100	927000	266	666000	70
MAR					
05...	1100	492000	131	175000	86
APR					
02...	1030	1140000	232	717000	82
16...	1030	1080000	144	419000	70
MAY					
07...	1100	976000	257	677000	89
JUN					
04...	1000	1160000	107	338000	83
JUL					
09...	1000	461000	180	223000	87
AUG					
06...	1100	352000	133	126000	91
SEP					
24...	1100	273000	184	136000	99

LOCAL NUMBER.--Ac-326, Site ID 301832092234501.
LOCATION.--Lat 30°18'32", long 92°23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 202 ft, screened 192-202, casing diameter 6 to 2 in.
DATUM.--Elevation of land surface datum is 25.8 ft above NGVD of 1929. Measuring point: File marks in top of 6-in. casing, 1.15 ft above land-surface datum.
PERIOD OF RECORD.--1964 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.61 ft below land-surface datum, Mar. 14, 1965; lowest recorded, 90.92 ft below land-surface datum, June 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	79.45	DEC 05	79.55	FEB 05	76.34	APR 05	79.73	JUN 05	90.39	JUL 31	85.47
08	79.41	10	79.23	10	76.09	10	79.98	10	90.47	AUG 05	84.98
10	79.48	15	78.87	12	76.04	15	79.84	15	90.53	10	84.57
15	79.62	20	78.35	15	76.18	20	80.38	20	90.75	15	84.28
20	79.78	25	77.96	20	76.72	25	81.92	23	90.92	20	83.91
25	79.93	31	77.45	25	77.28	30	83.91	25	90.90	25	83.44
31	80.20	JAN 05	77.36	28	77.88	MAY 05	85.21	30	89.91	31	82.86
NOV 05	80.44	10	77.41	MAR 05	77.76	10	86.67	JUL 05	88.70	SEP 05	82.48
10	80.86	15	77.25	10	77.55	13	87.55	10	88.01	10	82.24
15	81.11	20	77.11	15	78.02	15	88.07	15	87.64	15	82.13
20	81.08	25	76.63	20	78.54	20	88.63	20	86.98	20	81.98
25	80.81	31	76.28	25	79.36	25	88.67	25	86.26	25	81.97
30	80.01	FEB 01	76.26	31	79.81	31	90.01	26	86.12	30	81.96

WATER YEAR 2002 HIGHEST 76.04 FEB 12, 2002 LOWEST 90.92 JUN 23, 2002

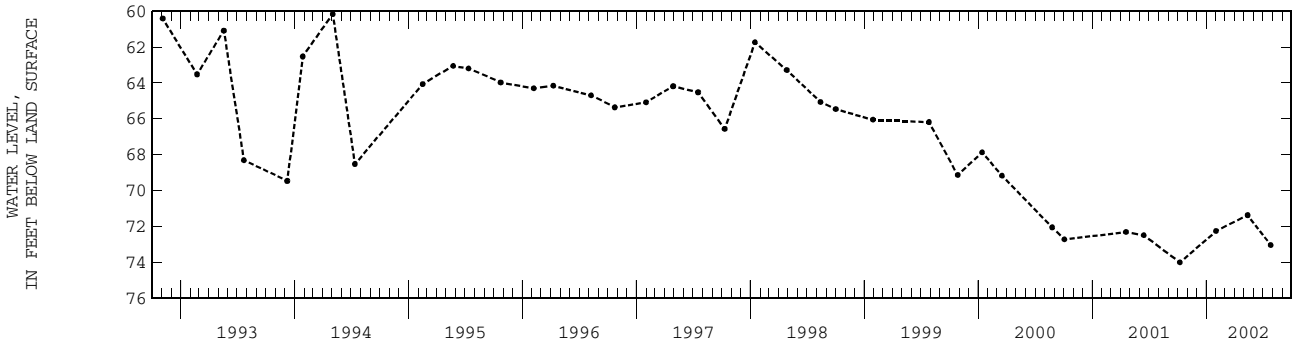


LOCAL NUMBER.--Ac-335L, Site ID 301832092234503.
LOCATION.--Lat 30°18'32", long 92°23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 1,363 ft, screened 1,358-1,363, casing diameter 1 ½ in.
DATUM.--Elevation of land surface datum is 24.55 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1966-79, 1981, 1983-current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.43 ft below land-surface datum, Mar. 31, 1970; lowest recorded, 74.45 ft below land-surface datum, Apr 20, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	74.02	FEB 01	72.26	MAY 13	71.38	JUL 26	73.05

WATER YEAR 2002 HIGHEST 71.38 MAY 13, 2002 LOWEST 74.02 OCT 08, 2001

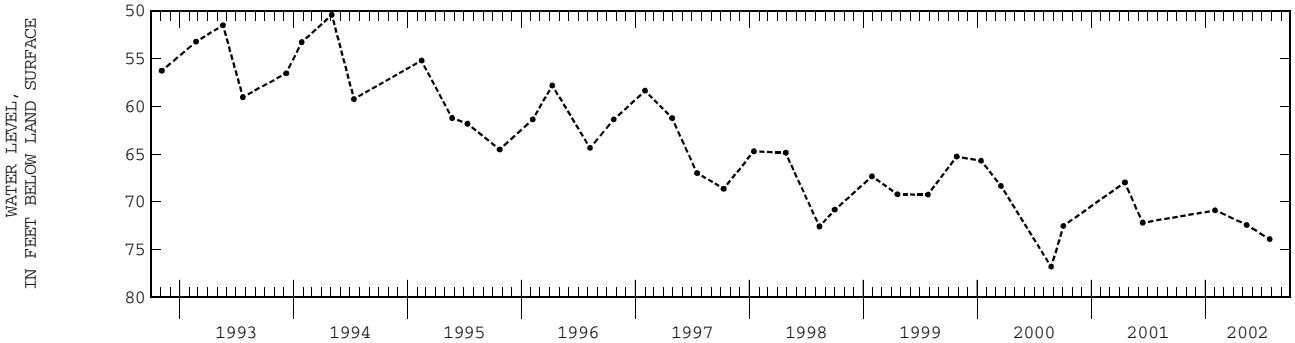


LOCAL NUMBER.--Ac-335U, Site ID 301832092234504.
LOCATION.--Lat 30°18'32", long 92°23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.
AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 902 ft, screened 902-907, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 24.55 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1966-79, 1981, 1983 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.59 ft below land-surface datum, Mar. 5, 1968; lowest recorded, 76.79 ft below land-surface datum, Aug. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 01	70.90	MAY 13	72.44	JUL 26	73.92

WATER YEAR 2002 HIGHEST 70.90 FEB 01, 2002 LOWEST 73.92 JUL 26, 2002

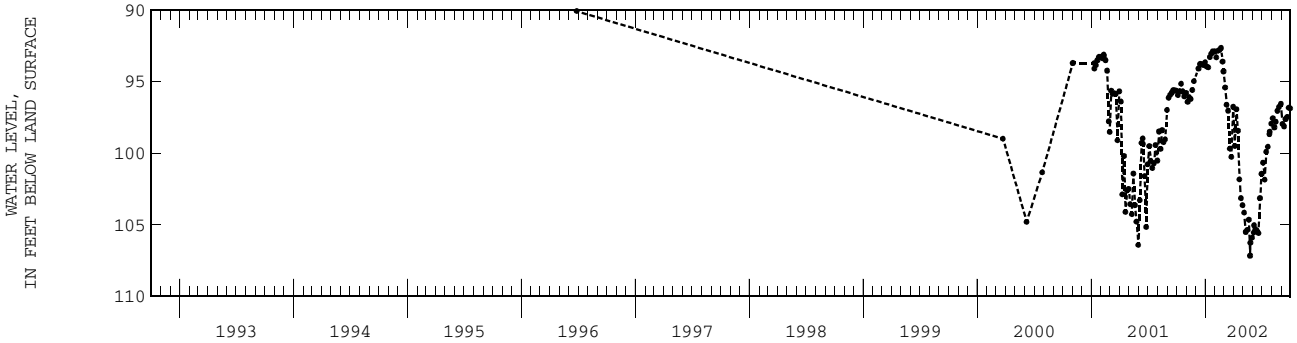


LOCAL NUMBER.--Ac-428, Site ID 302654092341001.
LOCATION.--Lat 30°27'29", long 92°34'20", Hydrologic Unit 08080201, Sec. 9, T. 7S, R. 2W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 203 ft, screened 198-203, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 42 ft above NGVD of 1929. Measuring point: Top of 2-in. pipe, at land-surface datum.
PERIOD OF RECORD.--1977-79, 1981, 1983, 1985, 1991-96, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 77.47 ft. below land-surface datum, Mar. 5, 1991; lowest recorded, 107.14 ft below land-surface datum, May 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	95.94	DEC 20	93.78	FEB 25	93.60	APR 30	103.62	JUN 25	103.13	AUG 25	96.76
10	95.67	25	93.84	28	94.28	MAY 05	104.14	30	101.43	31	96.54
15	95.15	31	93.65	MAR 05	95.41	10	105.49	JUL 05	100.65	SEP 05	97.96
20	95.69	JAN 05	93.95	10	96.61	15	105.35	10	101.84	10	98.12
25	96.04	10	94.01	15	97.03	20	104.63	15	99.89	15	97.61
31	95.79	15	93.29	20	99.68	24	107.14	20	99.54	20	97.47
NOV 05	96.41	20	93.05	25	100.25	25	106.24	25	98.66	25	96.82
10	96.08	25	92.88	31	96.76	31	105.88	26	98.50	30	96.86
15	96.21	31	92.90	APR 05	99.49	JUN 05	105.53	31	97.93		
20	95.58	FEB 05	93.31	10	96.92	06	105.02	AUG 05	97.56		
25	94.96	10	92.84	15	98.43	10	105.30	10	98.19		
DEC 10	94.08	15	92.79	20	101.82	15	105.40	15	97.80		
15	93.77	20	92.65	25	103.13	20	105.57	20	97.03		

WATER YEAR 2002 HIGHEST 92.65 FEB 20, 2002 LOWEST 107.14 MAY 24, 2002

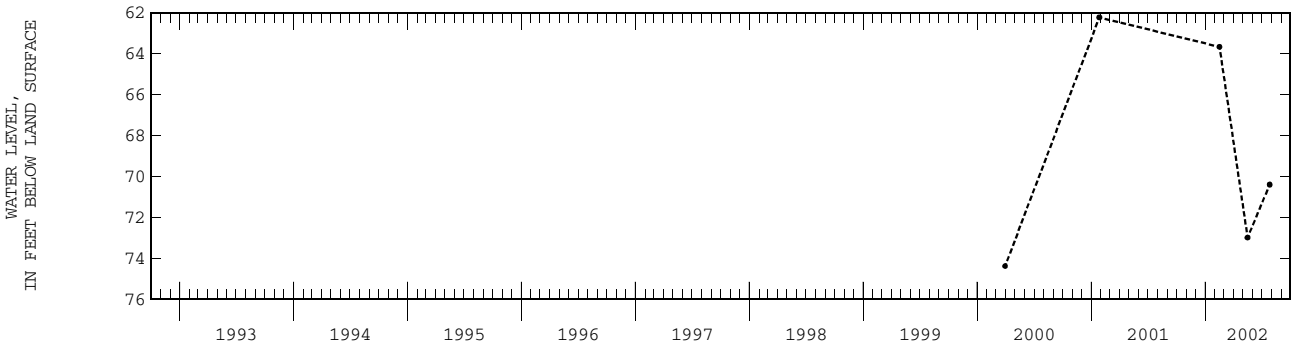


LOCAL NUMBER.--Ac-876, Site ID 301046092214501.
LOCATION.--Lat 30°10'46", long 92°21'45", Hydrologic Unit 08080201, Sec. 15, T.10S, R. 1E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 298 ft, screened 218-298, casing diameter 14 to 12 to 8 in.
DATUM.--Elevation of land surface datum is 21 ft above NGVD of 1929. Measuring point: 3/4-in. plug on east side of discharge pipe, 2.3 feet above land-surface datum.
PERIOD OF RECORD.--2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 62.23 ft. below land-surface datum, Jan. 26, 2001; lowest recorded, 74.38 ft below land-surface datum, Mar. 30, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 15	63.67	MAY 16	72.99	JUL 26	70.40

WATER YEAR 2002 HIGHEST 63.67 FEB 15, 2002 LOWEST 72.99 MAY 16, 2002



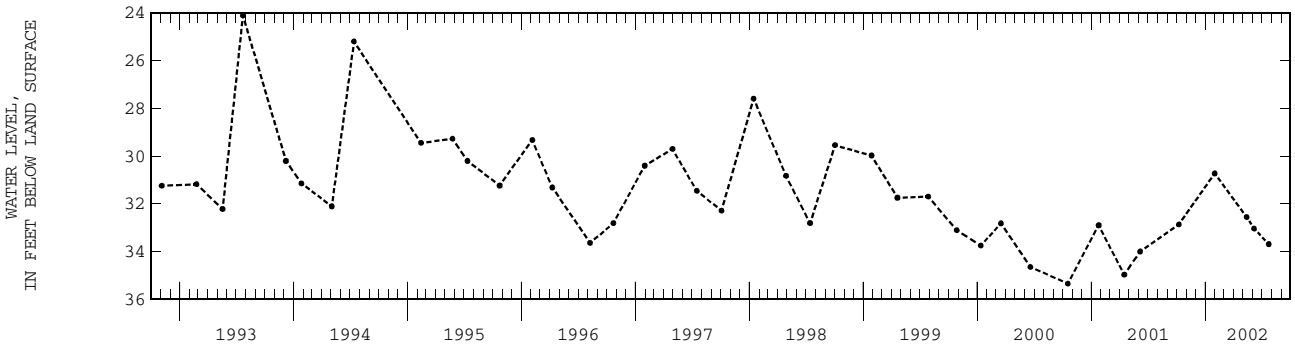
ALLEN PARISH

LOCAL NUMBER.--Al-241, Site ID 303004092541101.
LOCATION.--Lat 30°30'04", long 92°54'11", Hydrologic Unit 08080203, Sec. 29, T. 6S, R. 5W.
OWNER.--U.S. Geological Survey.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 62 ft, screened 59-62, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 42.97 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1957-1979, 1981, 1983, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.84 ft below land-surface datum, Mar. 21, 1961; lowest recorded, 35.35 ft below land-surface datum, Oct. 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	32.87	JAN 31	30.73	MAY 13	32.56	JUN 06	33.04	JUL 23	33.69

WATER YEAR 2002 HIGHEST 30.73 JAN 31, 2002 LOWEST 33.69 JUL 23, 2002



LOCAL NUMBER.--Al-261.
LOCATION.--Hydrologic Unit 08080203.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 974 ft, screened 933-974, casing diameter 8 to 4 in.
DATUM.--Elevation of land surface datum is 135 ft above NGVD of 1929. Measuring point: 3/4-in. coupling in sanitary seal on north side, 0.7 feet above land-surface datum.
PERIOD OF RECORD.--1968, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.15 ft. below land-surface datum, Jun. 10, 1968; lowest recorded, 70.22 ft below land-surface datum, May 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 13	61.58	MAY 14	70.22	JUL 23	66.68

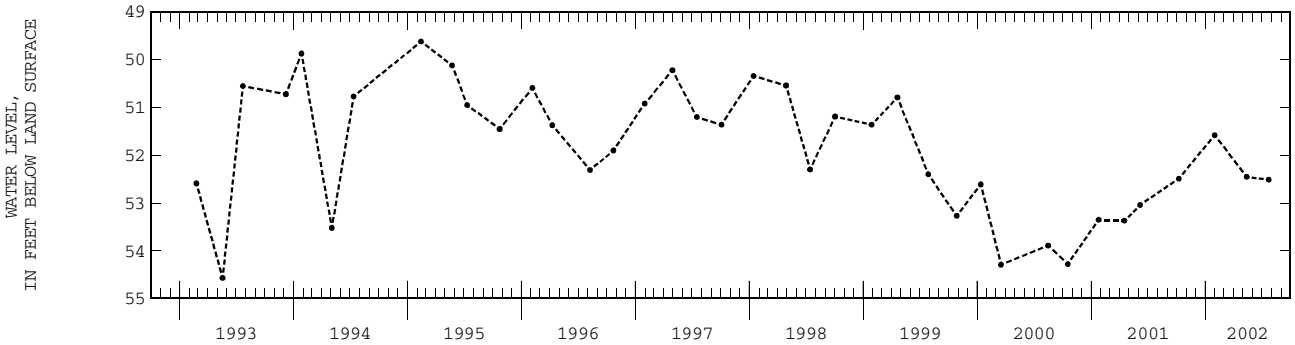
WATER YEAR 2002 HIGHEST 61.58 FEB 13, 2002 LOWEST 70.22 MAY 14, 2002

LOCAL NUMBER.--Al-269, Site ID 303118092493901.
LOCATION.--Lat 30°31'18", long 92°49'39", Hydrologic Unit 08080203, Sec. 24, T. 6S, R. 5W.
OWNER.--Quatre Parish Co.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 660 ft, screened interval unknown, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: ½-in. hole in sanitary seal, 1.38 ft above land-surface datum.
PERIOD OF RECORD.--1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 49.62 ft below land-surface datum, Feb. 13, 1995, lowest recorded, 54.57 ft below land-surface datum, May 18, 1993.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	52.49	JAN 31	51.58	MAY 13	52.45	JUL 23	52.51

WATER YEAR 2002 HIGHEST 51.58 JAN 31, 2002 LOWEST 52.51 JUL 23, 2002

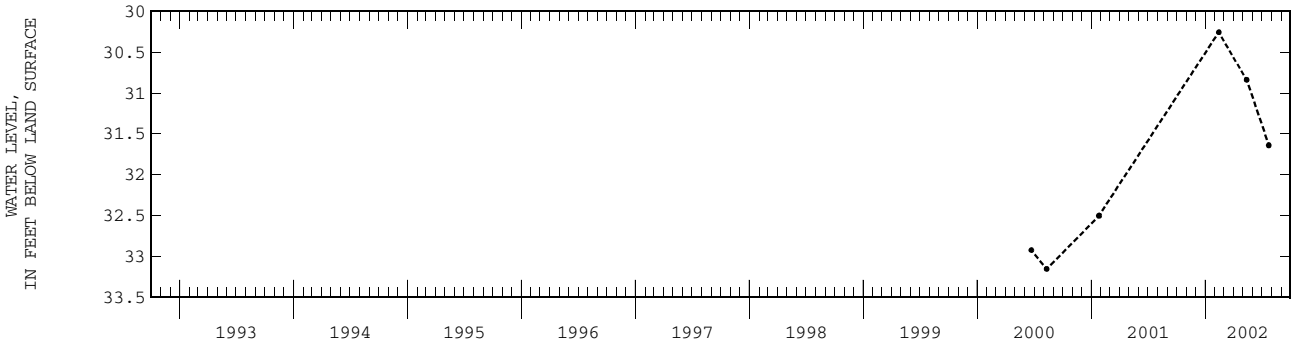


LOCAL NUMBER.--Al-293, Site ID 304337092504001.
LOCATION.--Lat 30°43'37", long 92°50'40", Hydrologic Unit 08080203, Sec.11, T. 4S, R. 5W
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 84 ft, screened 79-84, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 100 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 1.6 feet above land-surface datum.
PERIOD OF RECORD.--1974-79, 1985, 1985, 1991, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 27.63 ft. below land-surface datum, June 19. 1975; lowest recorded, 33.15 ft below land-surface datum, Aug. 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 13	30.26	MAY 13	30.84	JUL 23	31.64

WATER YEAR 2002 HIGHEST 30.26 FEB 13, 2002 LOWEST 31.64 JUL 23, 2002

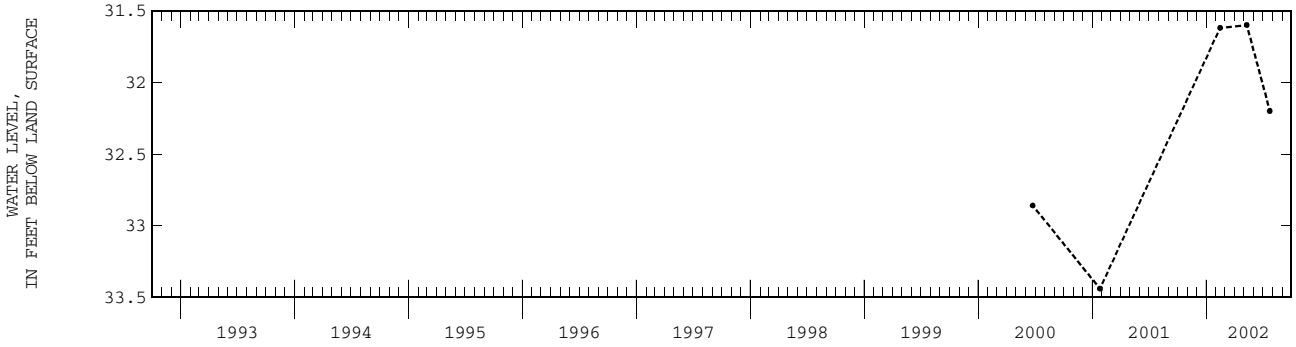


LOCAL NUMBER.--Al-396.
LOCATION.--Hydrologic Unit 08080203.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 315 ft, screened 582-315, casing diameter 6 5/8 in.
DATUM.--Elevation of land surface datum is 57 ft above NGVD of 1929. Measuring point: Top of 3/4-in. vent at plug, 2.85 feet above land-surface datum.
PERIOD OF RECORD.--1989, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 31.60 ft. below land-surface datum, May 10, 2002; lowest recorded, 34.50 ft below land-surface datum, Apr. 19, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 14	31.62	MAY 10	31.60	JUL 23	32.20

WATER YEAR 2002 HIGHEST 31.60 MAY 10, 2002 LOWEST 32.20 JUL 23, 2002



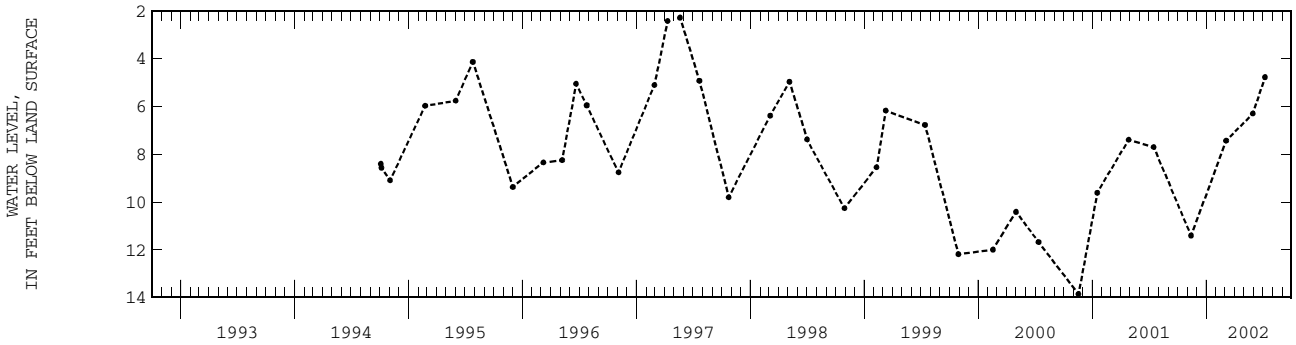
ASCENSION PARISH

LOCAL NUMBER.--An-267.
LOCATION.--Hydrologic Unit 08070204.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 488 ft, screened 388-488, casing diameter 12 to 10 in.
DATUM.--Elevation of land surface datum is 7 ft above NGVD of 1929. Measuring point: Plug in 2-in. breather chlorinator pipe, 6.1 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.28 ft below land-surface datum, May 20, 1997; lowest recorded, 13.85 ft below land-surface datum, Nov. 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 13	11.40	MAR 05	7.43	MAY 30	6.29	JUL 08	4.77

WATER YEAR 2002 HIGHEST 4.77 JUL 08, 2002 LOWEST 11.40 NOV 13, 2001

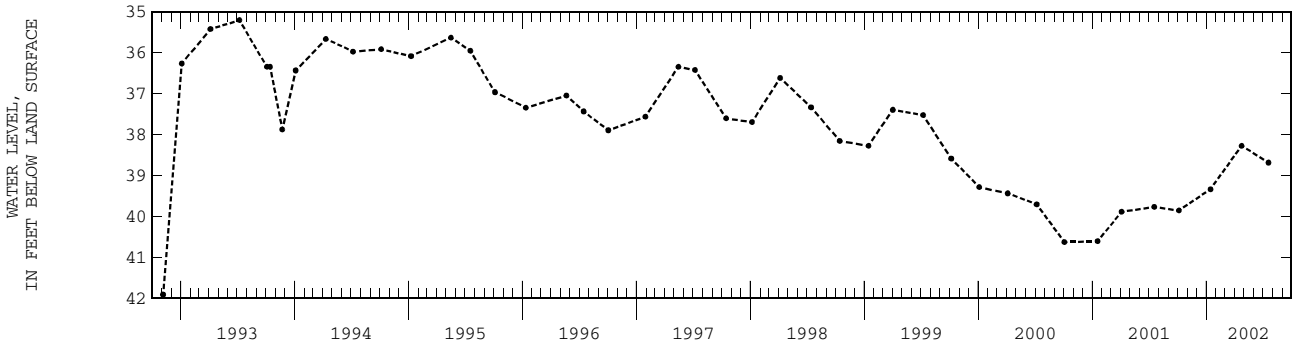


LOCAL NUMBER.--Av-164, Site ID 310453092022901.
LOCATION.--Lat 31°04'53", long 92°02'29", Hydrologic Unit 08040301, Sec. 47, T. 1N, R. 4E.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 192 ft, screened 182-192, casing diameter 1 1/4 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.
PERIOD OF RECORD.--1966-79, 1985-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.78 ft below land-surface datum, June 30, 1975; lowest recorded, 41.90 ft below land-surface datum, Nov. 5, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	39.85	JAN 14	39.33	APR 24	38.27	JUL 19	38.68

WATER YEAR 2002 HIGHEST 38.27 APR 24, 2002 LOWEST 39.85 OCT 05, 2001

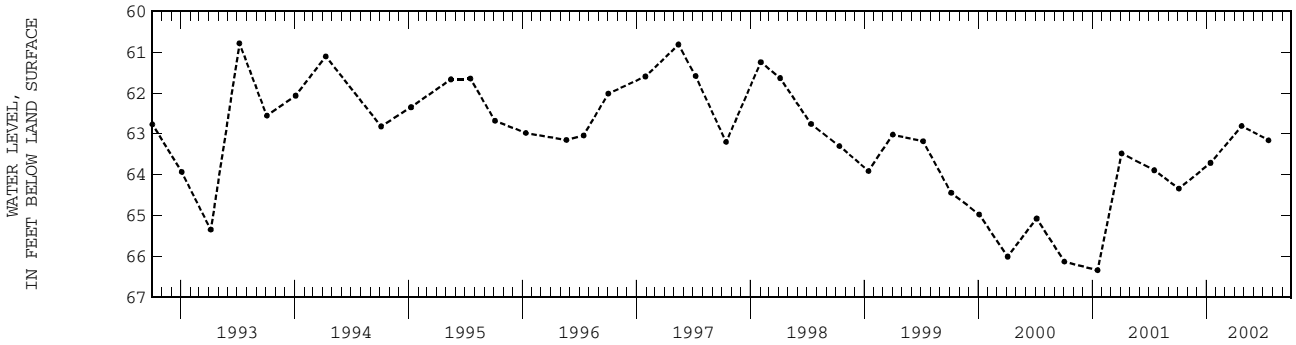


LOCAL NUMBER.--Av-271, Site ID 311336092095901.
LOCATION.--Lat 31°13'36", long 92°09'59", Hydrologic Unit 08040301, Sec. 38, T. 3N, R. 3E.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 370 ft, screened 365-370, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 95 ft above NGVD of 1929. Measuring point: Top of bushing, 3.35 ft above land-surface datum.
PERIOD OF RECORD.--1966-84, 1986-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 55.02 below land-surface datum, July 18, 1973; lowest recorded, 67.49 ft below land-surface datum, Mar. 4, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	64.34	JAN 14	63.71	APR 24	62.81	JUL 19	63.16

WATER YEAR 2002 HIGHEST 62.81 APR 24, 2002 LOWEST 64.34 OCT 05, 2001

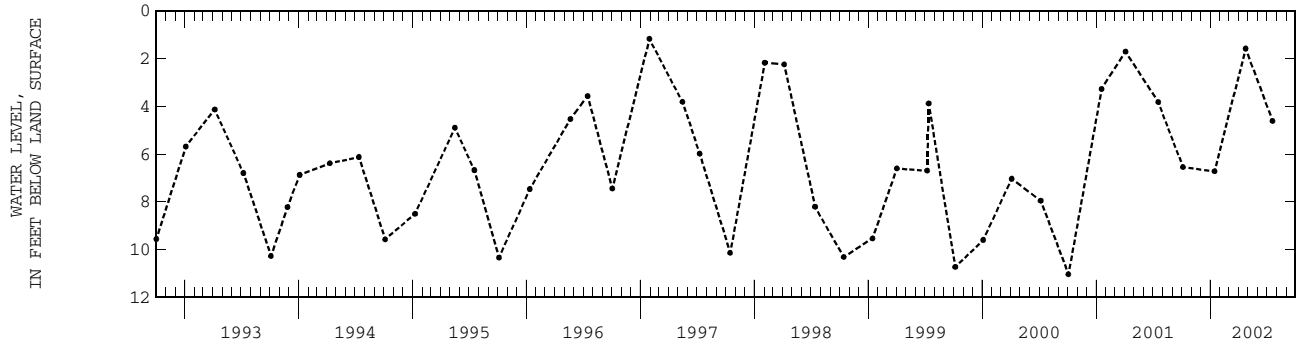


LOCAL NUMBER.--Av-329, Site ID 311708092073701.
LOCATION.--Lat 31°17'08", long 92°07'37", Hydrologic Unit 08040301, Sec. 38, T. 4N, R. 3E.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 45 ft, screened 42-45, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 45.6 ft above NGVD of 1929. Measuring point: Top of casing, 0.06 below land-surface datum.
PERIOD OF RECORD.--1968-76, 1980-85, 1987 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.10 ft above land-surface datum, Mar. 15, 1973; lowest recorded, 13.00 ft below land-surface datum, Oct. 27, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	6.55	JAN 14	6.73	APR 24	1.59	JUL 19	4.62

WATER YEAR 2002 HIGHEST 1.59 APR 24, 2002 LOWEST 6.73 JAN 14, 2002



BEAUREGARD PARISH

LOCAL NUMBER.--Be-377.
LOCATION.--Hydrologic Unit 12010005.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 405 ft, screened 384-405, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 83 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe on south side of well, 0.40 feet above land-surface datum.
PERIOD OF RECORD.--1953, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft. below land-surface datum, June 27, 1953; lowest recorded, 12.43 ft below land-surface datum, Aug. 20, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 30	11.28	MAY 09	12.21	AUG 20	12.43

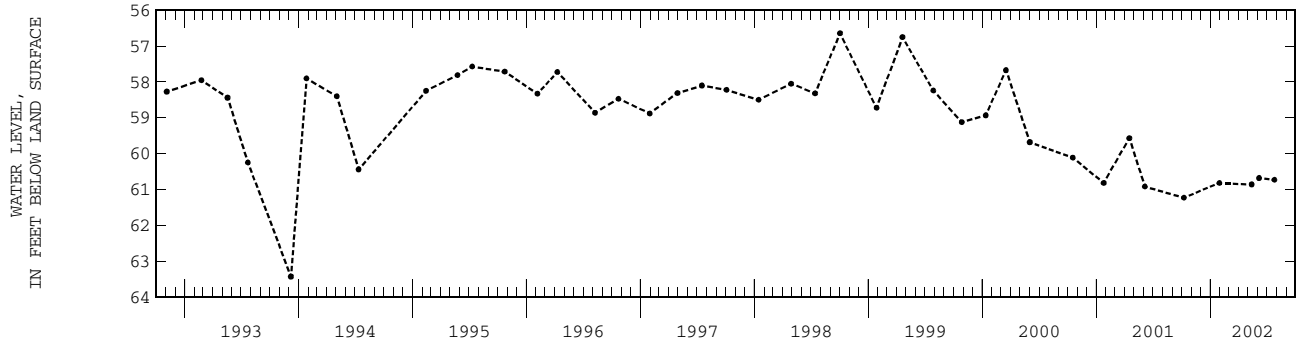
WATER YEAR 2002 HIGHEST 11.28 JAN 30, 2002 LOWEST 12.43 AUG 20, 2002

LOCAL NUMBER.--Be-430, Site ID 303644093020401.
LOCATION.--Lat 30°36'44", long 93°02'04", Hydrologic Unit 08080203, Sec. 24, T. 5S, R. 7W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 123 ft, screened 118-123, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.64 ft below land-surface datum, Oct. 2, 1998; lowest recorded, 63.43 ft below land-surface datum, December 7, 1993.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	61.23	JAN 30	60.82	MAY 13	60.86	JUN 06	60.68	JUL 25	60.73

WATER YEAR 2002 HIGHEST 60.68 JUN 06, 2002 LOWEST 61.23 OCT 08, 2001

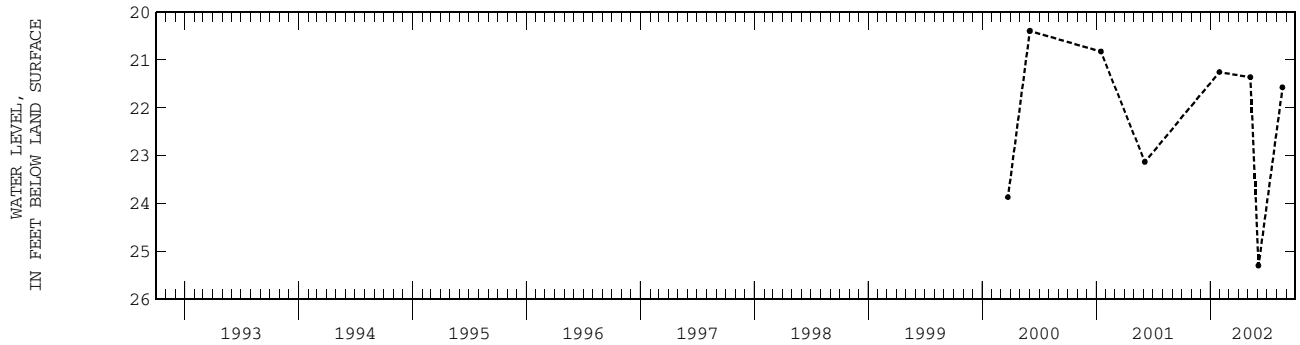


LOCAL NUMBER.--Be-435, Site ID 305019093292401.
LOCATION.--Lat 30°50'19", long 93°29'24", Hydrologic Unit 12010005, Sec. 4, T 3S, R.11W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 124 ft, screened 119-124, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 129 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 3.9 feet above land-surface datum.
PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1991, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.80 ft. below land-surface datum, May 7, 1974; lowest recorded, 25.30 ft below land-surface datum, June 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 30	21.25	MAY 09	21.36	JUN 04	25.30	AUG 20	21.57

WATER YEAR 2002 HIGHEST 21.25 JAN 30, 2002 LOWEST 25.30 JUN 04, 2002

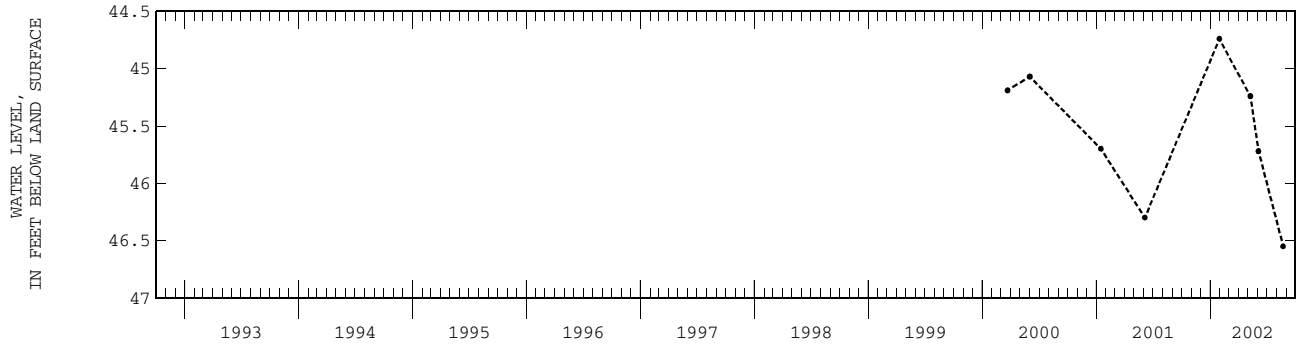


LOCAL NUMBER.--Be-440, Site ID 305251093211401.
LOCATION.--Lat 30°52'51", long 93°21'14", Hydrologic Unit 12010005, Sec.23, T 2S, R.10W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 169 ft, screened 164-169, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 212 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.45 feet above land-surface datum.
PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1991, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.39 ft below land-surface datum, June 6, 1974; lowest recorded, 46.55 ft below land-surface datum, Aug. 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 30	44.74	MAY 09	45.24	JUN 04	45.72	AUG 22	46.55

WATER YEAR 2002 HIGHEST 44.74 JAN 30, 2002 LOWEST 46.55 AUG 22, 2002

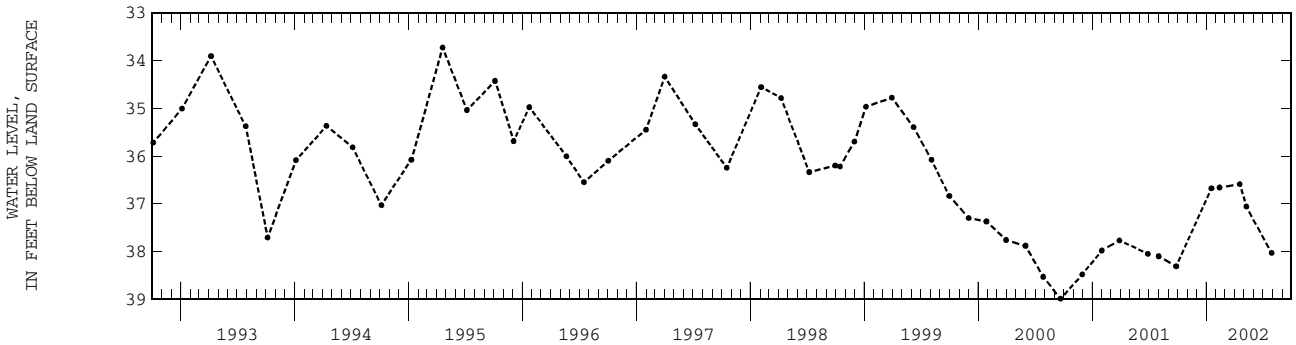


LOCAL NUMBER.--Be-443, Site ID 305018093251301.
LOCATION.--Lat 30°50'18", long 93°25'13", Hydrologic Unit 12010005, Sec. 5, T. 3S, R. 10W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 164 ft, screened 159-164, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 206 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--1974-1979, 1981, 1983 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.16 ft below land-surface datum, Apr. 8, 1992; lowest recorded, 38.99 ft below land-surface datum, Sep. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 17	36.68	FEB 12	36.66	APR 18	36.59	MAY 09	37.06	JUL 29	38.03

WATER YEAR 2002 HIGHEST 36.59 APR 18, 2002 LOWEST 38.03 JUL 29, 2002



LOCAL NUMBER.--Be-461.
LOCATION.--Hydrologic Unit 08080205.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 228 ft, screened 168-228, casing diameter 10 to 6 5/8 in.
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Top of 1-in. collar on sanitary seal on south side of well, 1.0 feet above land-surface datum.
PERIOD OF RECORD.--1977, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.08 ft. below land-surface datum, Feb. 12, 2002; lowest recorded, 57.54 ft below land-surface datum (reported), July 25, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 12	56.08	MAY 09	56.62	JUL 25	57.54

WATER YEAR 2002 HIGHEST 56.08 FEB 12, 2002 LOWEST 57.54 JUL 25, 2002

LOCAL NUMBER.--Be-501, Site ID 305035093305402.
LOCATION.--Lat 30°50'35", long 93°30'54", Hydrologic Unit 12010005, Sec.32, T 2S, R.11W.
AQUIFER.--Jasper aquifer of Miocene age (122JSPR).
WELL CHARACTERISTICS.--Depth 755 ft, screened 735-755, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 105 ft above NGVD of 1929. Measuring point: 3/8-in. hole drilled in west side of PVC casing, 2.1 feet above land-surface datum.
PERIOD OF RECORD.--Current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.52 ft. below land-surface datum, May 9, 2002; lowest recorded, 1.79 ft below land-surface datum, Aug. 20, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 09	1.52	AUG 20	1.79

WATER YEAR 2002 HIGHEST 1.52 MAY 09, 2002 LOWEST 1.79 AUG 20, 2002

LOCAL NUMBER.--Be-505.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 887 ft, screened 841-887, casing diameter 12 3/4 to 8 5/8 in.
DATUM.--Elevation of land surface datum is 181 ft above NGVD of 1929. Measuring point: Bottom lip of 2-in. elbow for breather on northwest side of casing, 3.55 feet above land-surface datum.
PERIOD OF RECORD.--1988, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.0 ft. below land-surface datum (reported), Aug. 2, 1988; lowest recorded, 66.16 ft below land-surface datum, Feb. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 13	66.16	MAY 10	50.09	JUL 25	55.01

WATER YEAR 2002 HIGHEST 50.09 MAY 10, 2002 LOWEST 66.16 FEB 13, 2002

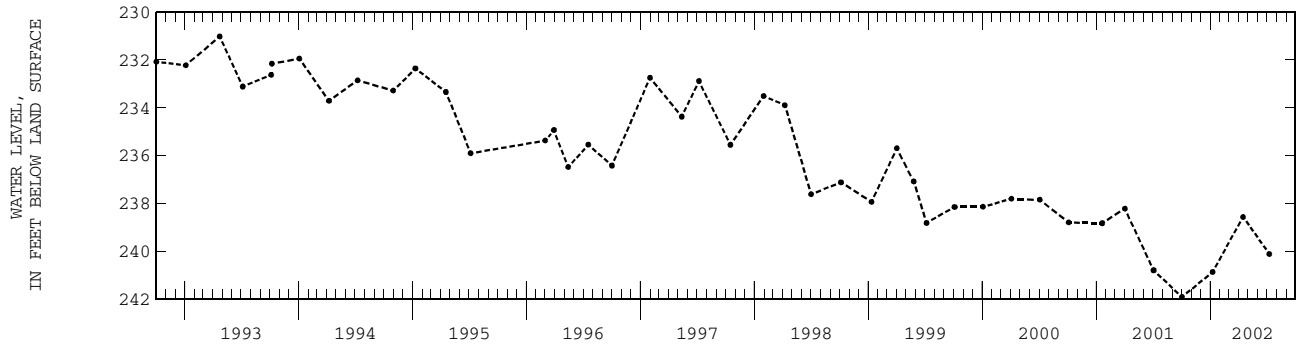
BIENVILLE PARISH

LOCAL NUMBER.--Bi-144, Site ID 323505092535001.
LOCATION.--Lat 32°35'05", long 92°53'50", Hydrologic Unit 08040206, Sec. 4, T. 18N, R. 5W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 630 ft, Screened 620-630, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Top of casing, 2.85 ft above land-surface datum.
PERIOD OF RECORD.--1970-1973, 1975, 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 198.27 ft below land-surface datum, Sep. 1, 1970; lowest recorded, 240.80 ft below land-surface datum, July 3, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	241.92	JAN 08	240.87	APR 16	238.57	JUL 09	240.12

WATER YEAR 2002 HIGHEST 238.57 APR 16, 2002 LOWEST 241.92 OCT 02, 2001

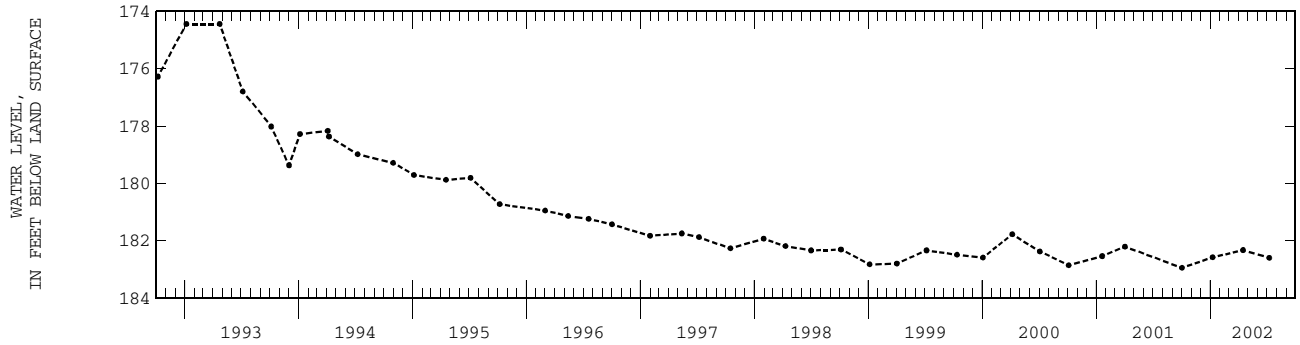


LOCAL NUMBER.--Bi-166, Site ID 322436092500501.
LOCATION.--Lat 32°24'36", long 92°50'05", Hydrologic Unit 08040303, Sec. 1, T. 16N, R. 5W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 260 ft above NGVD of 1929. Measuring point: Top of bushing, 0.2 ft above land-surface datum.
PERIOD OF RECORD.--1975-1982, 1984 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 155.21 ft below land-surface datum, Apr. 28, 1975; lowest recorded, 182.86 ft below land-surface datum, Oct. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	182.95	JAN 08	182.58	APR 16	182.33	JUL 09	182.60

WATER YEAR 2002 HIGHEST 182.33 APR 16, 2002 LOWEST 182.95 OCT 02, 2001



LOCAL NUMBER.--Bi-214, Site ID 322343093211501.
LOCATION.--Lat 32°23'43", long 93°21'15", Hydrologic Unit 11140203, Sec. 1, T. 16N, R.10W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 159 ft, screened 149-159, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 177 ft above NGVD of 1929. Measuring point: Marks on top of casing, 3.9 ft above land-surface datum.
PERIOD OF RECORD.--1979-87, 1991, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.95 ft below land-surface datum, Nov. 22, 1991; lowest recorded, 22.55 ft below land-surface datum, Sep. 4, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

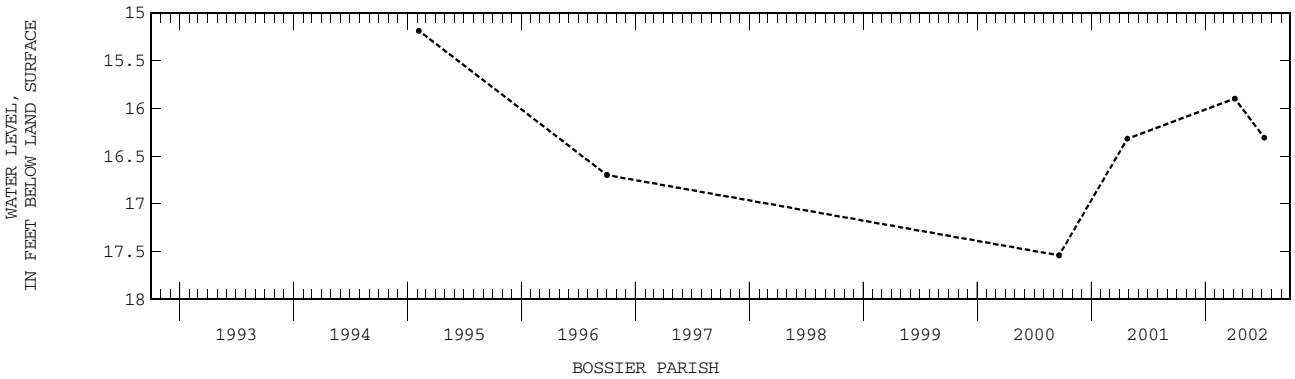
DATE	WATER LEVEL
JUL 09	18.48

LOCAL NUMBER.--Bi-216, Site ID 322119092572301.
LOCATION.--Lat 32°21'19", long 92°57'23", Hydrologic Unit 11140208, Sec. 23, T.16N, R. 6W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 300 ft, screened 290-300, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1979-87, 1989-90, 1995-96, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.82 ft below land-surface datum, May 19, 1980; lowest recorded, 17.54 ft below land-surface datum, Sep. 19, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 05	15.90	JUL 09	16.31

WATER YEAR 2002 HIGHEST 15.90 APR 05, 2002 LOWEST 16.31 JUL 09, 2002



BOSSIER PARISH

LOCAL NUMBER.--Bo-265, Site ID 323601093354101.
LOCATION.--Lat 32°36'01", long 93°35'41", Hydrologic Unit 11140205, Sec.34, T.19N, R.12W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 258 ft, screened 248-258, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1970-73, 1998, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 65.80 ft below land-surface datum, Feb. 1, 2001; lowest recorded, 122.10 ft below land-surface datum, May 29, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

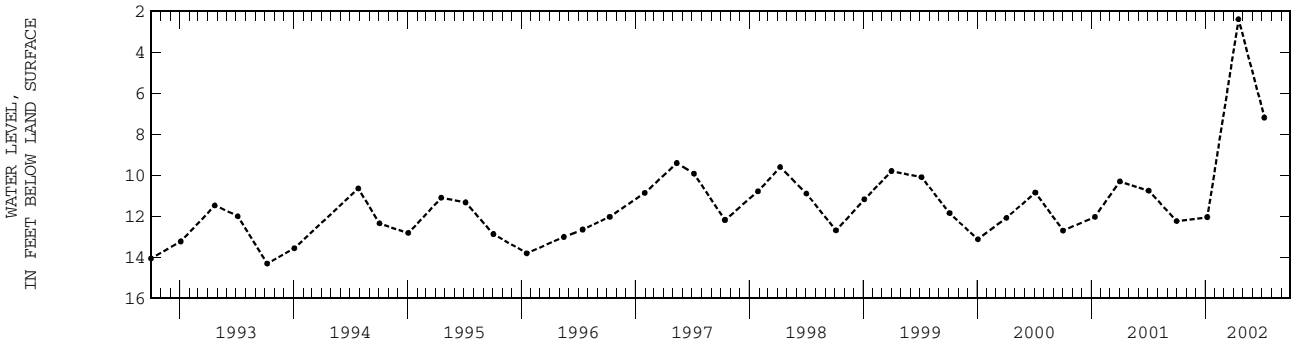
DATE	WATER LEVEL
JUL 09	69.16

LOCAL NUMBER.--Bo-322, Site ID 323400093292201.
LOCATION.--Lat 32°34'00", long 93°29'22", Hydrologic Unit 11140203, Sec. 10, T.18N, R.11W.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 66 ft, screened 63-66, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. by ½-in. bushing, 2.8 above land-surface datum.
PERIOD OF RECORD.--1973, 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.49 ft below land-surface datum, Dec. 13, 1983; lowest recorded, 17.53 ft below land-surface datum, Nov. 2, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	12.25	JAN 07	12.05	APR 17	2.39	JUL 09	7.19

WATER YEAR 2002 HIGHEST 2.39 APR 17, 2002 LOWEST 12.25 OCT 01, 2001

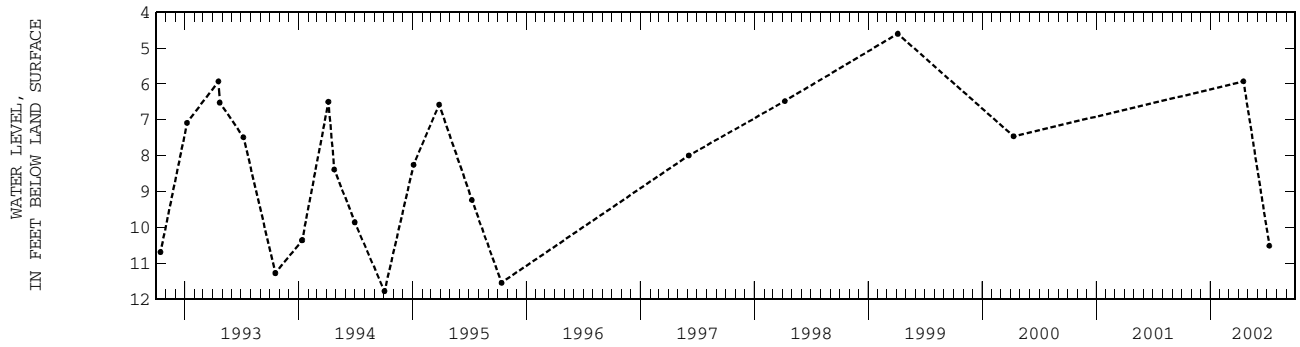


LOCAL NUMBER.--Bo-377, Site ID 323103093414201.
LOCATION.--Lat 32°31'03", long 93°41'42", Hydrologic Unit 11140204, Sec.27, T.18N, R.13W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 55 ft, screened 52-55, casing diameter 1.25 in.
DATUM.--Elevation of land surface datum is 166.30 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--1978-95, 1997-2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.4 ft below land-surface datum, Apr. 17, 2002; lowest recorded, 15.23 ft below land-surface datum, Nov. 2, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 17	5.93	JUL 09	10.52

WATER YEAR 2002 HIGHEST 5.93 APR 17, 2002 LOWEST 10.52 JUL 09, 2002



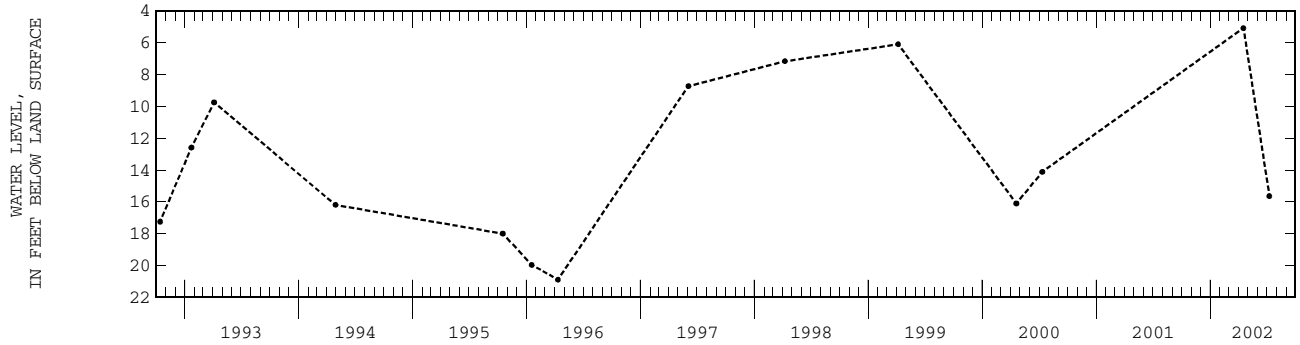
CADDO PARISH

LOCAL NUMBER.--Cd-336, Site ID 324207093484801.
LOCATION.--Lat 32°42'07", long 93°48'48", Hydrologic Unit 11140202, Sec.28, T.20N, R.14W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 86 ft, screened 83-86, casing diameter 1.25 in.
DATUM.--Elevation of land surface datum is 182.47 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1956-60, 1963-2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.4 ft below land-surface datum, Feb. 11, 1975; lowest recorded, 23.48 ft below land-surface datum, Oct. 19, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 17	5.10	JUL 09	15.65

WATER YEAR 2002 HIGHEST 5.10 APR 17, 2002 LOWEST 15.65 JUL 09, 2002

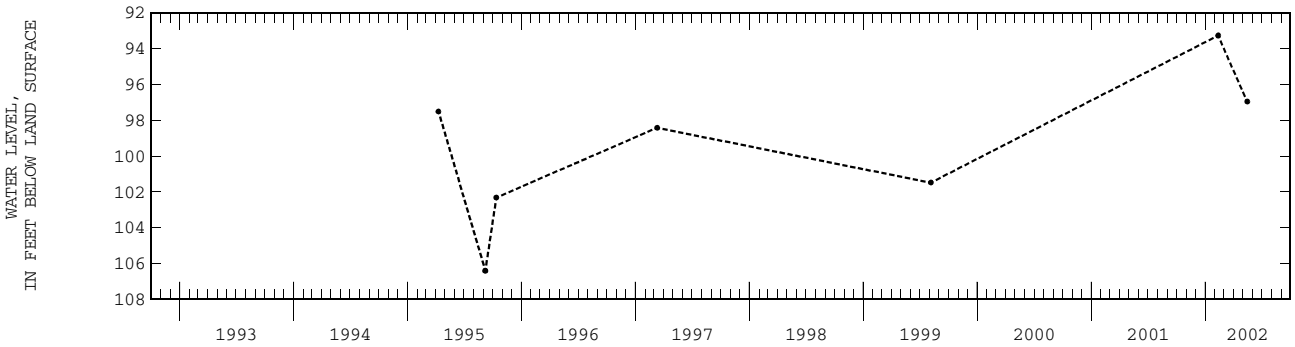


LOCAL NUMBER.--Cu-769, Site ID 301336093183001.
LOCATION.--Lat 30°13'36", long 93°18'30", Hydrologic Unit 08080206, Sec. 5, T.10S, R. 9W.
AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).
WELL CHARACTERISTICS.--Depth 642 ft, screened 632-642, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 17.62 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1963-79, 1981-83, 1985, 1991, 1995, 1997, 1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 91.56 ft below land-surface datum, Mar. 28, 1963; lowest recorded, 146.44 ft below land-surface datum, July 25, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 11	93.28	MAY 15	96.97

WATER YEAR 2002 HIGHEST 93.28 FEB 11, 2002 LOWEST 96.97 MAY 15, 2002

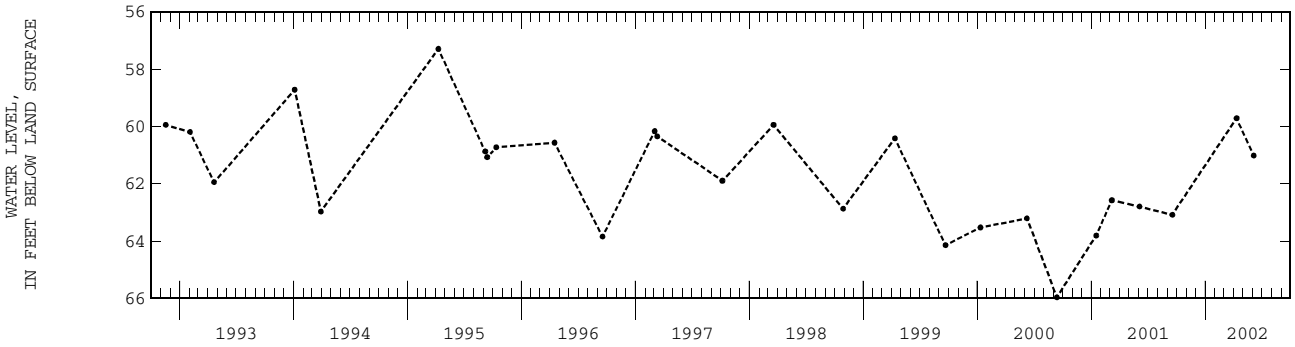


LOCAL NUMBER.--Cu-771, Site ID 301336093183002.
LOCATION.--Lat 30°13'36", long 93°18'30", Hydrologic Unit 08080206, Sec. 5, T.10S, R. 9W
AQUIFER.--"200-foot" sand of Lake Charles area of Pliestocene age (11202LC).
WELL CHARACTERISTICS.--Depth 241 ft, screened 231-241, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 17.76 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1963-1979, 1981-1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.97 ft below land-surface datum, Mar. 28, 1963; lowest recorded, 83.83 ft below land-surface datum, July 21, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	59.72	JUN 05	61.02

WATER YEAR 2002 HIGHEST 59.72 APR 11, 2002 LOWEST 61.02 JUN 05, 2002

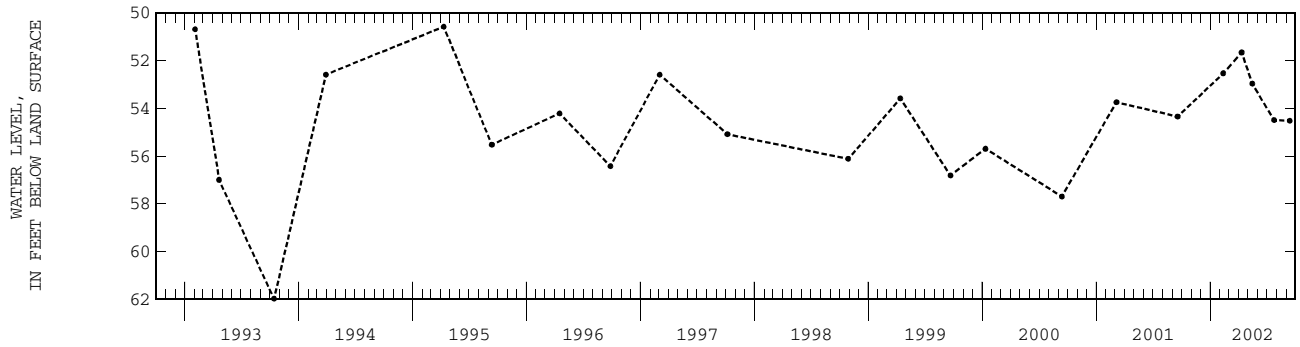


LOCAL NUMBER.--Cu-787, Site ID 300353093210201.
LOCATION.--Lat 30°03'53", long 93°21'02", Hydrologic Unit 08080206, Sec. 36, T.11S, R.10W.
AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).
WELL CHARACTERISTICS.--Depth 734 ft, screened 729-734, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 4.33 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1964-79, 1981-83, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.98 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 78.58 ft below land-surface datum, Aug. 2, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 11	52.54	APR 11	51.67	MAY 15	52.97	JUL 24	54.50	SEP 12	54.53

WATER YEAR 2002 HIGHEST 51.67 APR 11, 2002 LOWEST 54.53 SEP 12, 2002

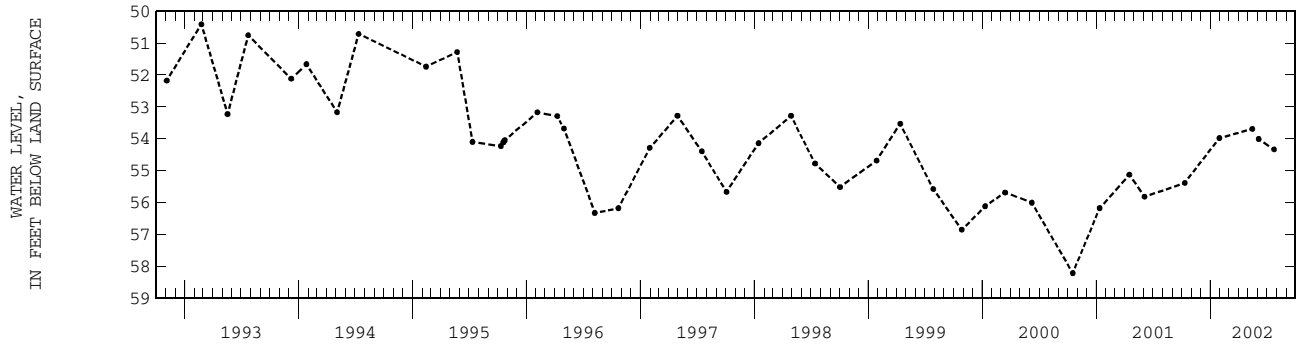


LOCAL NUMBER.--Cu-843, Site ID 301148093193202.
LOCATION.--Lat 30°11'48", long 93°19'32", Hydrologic Unit 08080206, Sec. 18, T.10S, R. 9W.
OWNER.--Louisiana Office of Public Works.
AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).
WELL CHARACTERISTICS.--Depth 205 ft, screened 200-205, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 12 ft above NGVD of 1929. Measuring point: Lip of 2-in. casing, 0.87 ft below land-surface datum.
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.41 ft. below land-surface datum, Feb. 23, 1993; lowest recorded, 73.05 ft below land-surface datum, Sep. 10, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	55.39	JAN 30	53.98	MAY 15	53.69	JUN 05	54.01	JUL 24	54.34

WATER YEAR 2002 HIGHEST 53.69 MAY 15, 2002 LOWEST 55.39 OCT 11, 2001

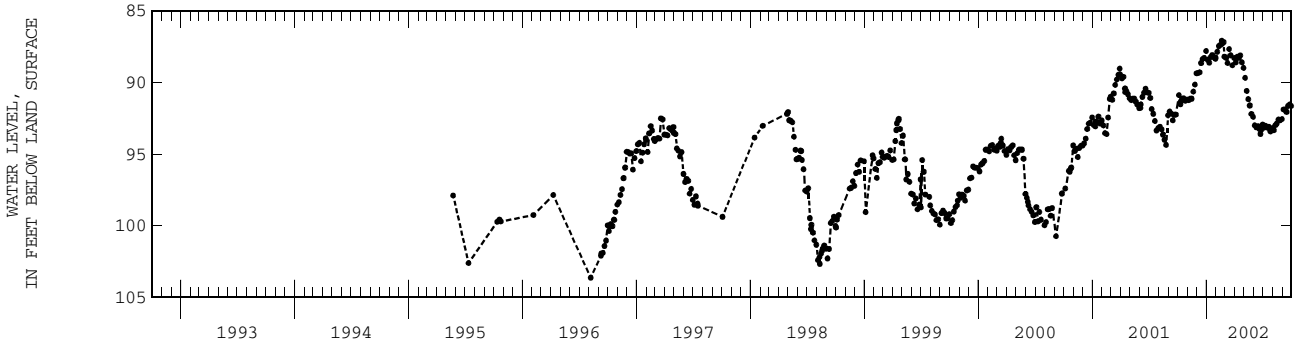


LOCAL NUMBER.--Cu-851, Site ID 301213093191701.
LOCATION.--Lat 30°12'13", long 93°19'17", Hydrologic Unit 08080206, Sec. 7, T.10S, R. 9W.
AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).
WELL CHARACTERISTICS.--Depth 555 ft, screened 550-555, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Opening in gage house floor marked with black arrow, 1.24 ft above land-surface datum.
PERIOD OF RECORD.--1973-1983, 1990-1991, 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.10 ft. below land-surface datum, Feb. 19, 2002; lowest recorded, 145.67 ft below land-surface datum, July 25, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	90.90	DEC 05	89.35	FEB 05	87.87	APR 05	88.61	JUN 10	93.14	AUG 05	93.35
10	91.53	10	89.31	10	87.47	10	88.22	15	93.07	10	93.00
11	91.32	15	88.65	15	87.39	15	88.31	20	93.25	15	92.87
15	91.15	20	88.37	19	87.10	20	88.12	23	93.61	20	92.60
20	91.13	25	88.30	20	87.32	25	88.61	25	93.32	25	92.65
25	91.30	31	87.82	25	87.20	30	89.00	30	92.95	31	92.57
31	91.21	JAN 05	88.43	28	88.21	MAY 05	89.69	JUL 05	93.17	SEP 05	91.90
NOV 05	91.26	10	88.63	MAR 05	88.30	10	90.61	10	93.05	10	91.91
10	91.14	15	88.23	10	88.66	15	91.18	15	93.17	15	92.07
15	91.15	20	88.10	15	87.68	20	91.62	20	93.10	20	91.65
20	90.65	25	88.26	20	88.12	25	92.21	24	93.32	25	91.55
25	90.16	30	88.37	25	88.82	31	92.42	25	93.44	30	91.66
30	89.38	31	88.28	31	88.31	JUN 05	93.01	31	93.20		

WATER YEAR 2002 HIGHEST 87.10 FEB 19, 2002 LOWEST 93.61 JUN 23, 2002

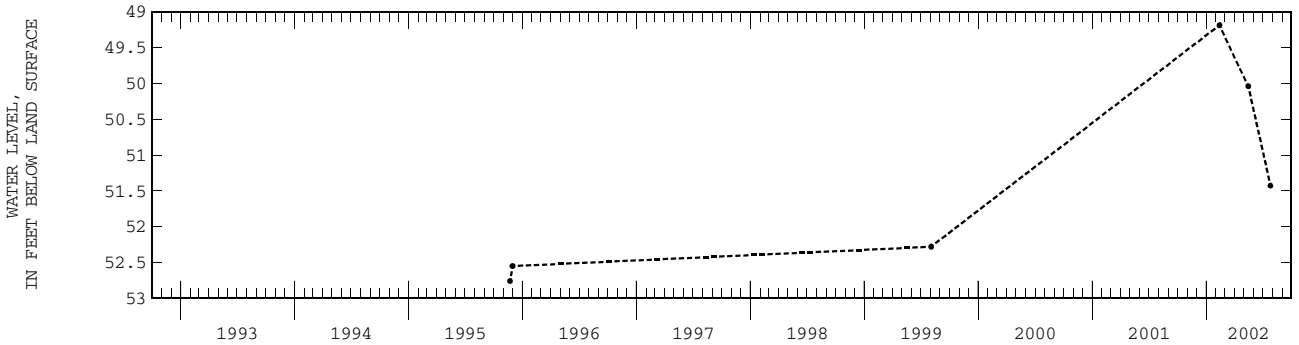


LOCAL NUMBER.--Cu-958, Site ID 301944093170401.
LOCATION.--Lat 30°19'44", long 93°22'04", Hydrologic Unit 08080205, Sec.35, T. 8S, R.10W.
AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).
WELL CHARACTERISTICS.--Depth 707 ft, screened 702-707, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1974-79, 1981-83, 1985, 1995, 1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 49.19 ft below land-surface datum, Feb. 12, 2002; lowest recorded, 73.68 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 12	49.19	MAY 15	50.04	JUL 25	51.43

WATER YEAR 2002 HIGHEST 49.19 FEB 12, 2002 LOWEST 51.43 JUL 25, 2002

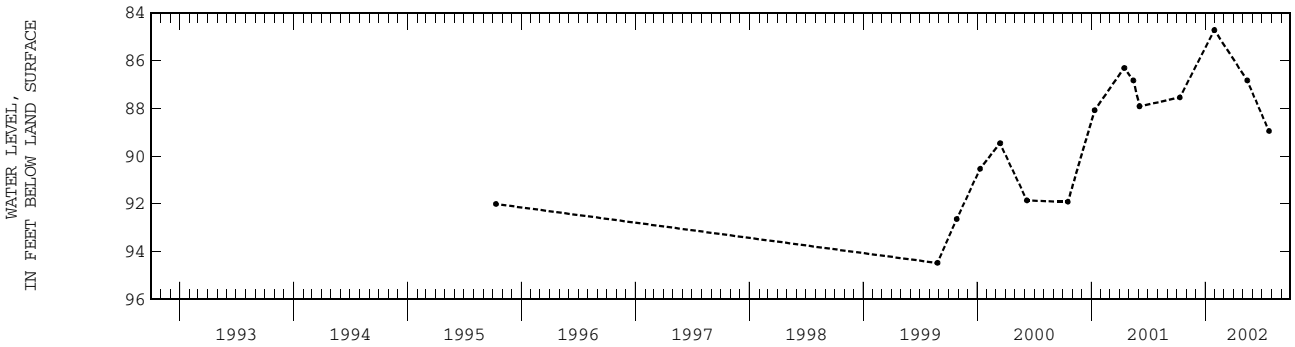


LOCAL NUMBER.--Cu-959, Site ID 301031093204901.
LOCATION.--Lat 30°10'31", long 93°20'49", Hydrologic Unit 08080206, Sec. 24, T.10S, R.10W.
AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).
WELL CHARACTERISTICS.--Depth 733 ft, screened 727-733, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 21 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.14 ft below land-surface datum.
PERIOD OF RECORD.--1974-1985, 1991, 1995, 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 85.46 ft below land-surface datum, Mar. 5, 1991; lowest recorded, 128.70 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	87.55	JAN 30	84.73	MAY 15	86.84	JUL 24	88.96

WATER YEAR 2002 HIGHEST 84.73 JAN 30, 2002 LOWEST 88.96 JUL 24, 2002

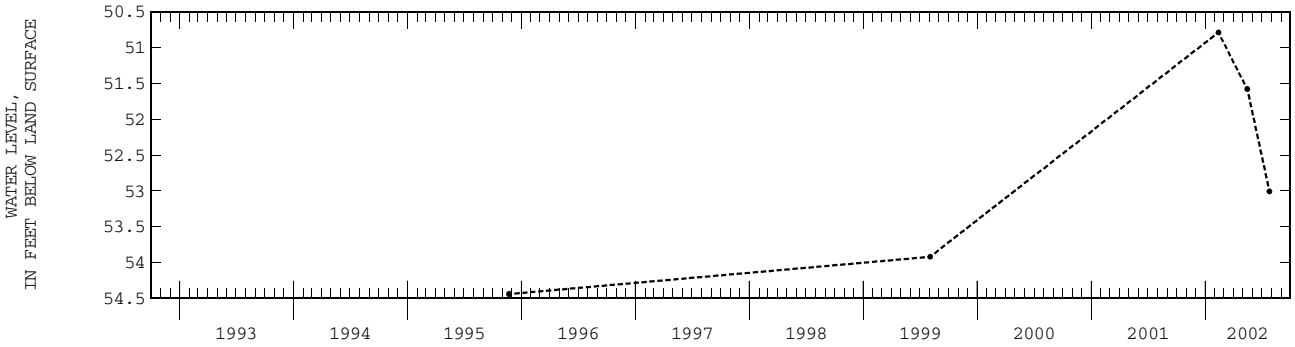


LOCAL NUMBER.--Cu-977, Site ID 301944093170402.
LOCATION.--Lat 30°19'44", long 93°22'04", Hydrologic Unit 08080205, Sec.35, T. 8S, R.10W.
AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).
WELL CHARACTERISTICS.--Depth 515 ft, screened 510-515, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.45 ft above land-surface datum.
PERIOD OF RECORD.--1974-79, 1981-83, 1985, 1995, 1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.79 ft below land-surface datum, Feb. 12, 2002; lowest recorded, 71.87 ft below land-surface datum, Aug. 19, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 12	50.79	MAY 15	51.58	JUL 25	53.01

WATER YEAR 2002 HIGHEST 50.79 FEB 12, 2002 LOWEST 53.01 JUL 25, 2002

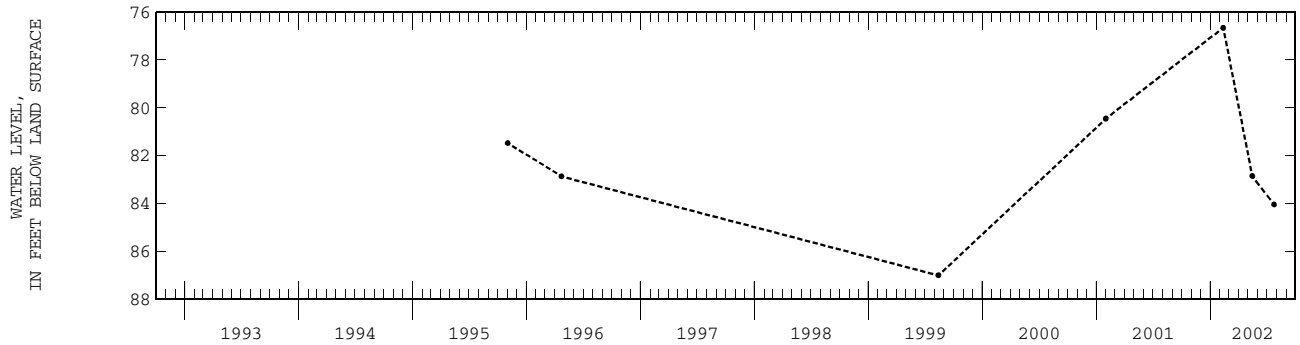


LOCAL NUMBER.--Cu-988, Site ID 301059093125101.
LOCATION.--Lat 30°10'59", long 93°12'51", Hydrologic Unit 08080206, Sec. 19, T.10S, R. 8W.
AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).
WELL CHARACTERISTICS.--Depth 523 ft, screened 518-523, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 14 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.1 ft above land-surface datum.
PERIOD OF RECORD.--1976-83, 1985, 1991, 1995-96, 1999, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 75.81 ft below land-surface datum, Mar. 6, 1991; lowest recorded, 113.62 ft below land-surface datum, July 19, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 11	76.65	MAY 15	82.86	JUL 24	84.05

WATER YEAR 2002 HIGHEST 76.65 FEB 11, 2002 LOWEST 84.05 JUL 24, 2002



CALDWELL PARISH

LOCAL NUMBER.--Ca-86A, Site ID 320154092164602.
LOCATION.--Lat 32°01'54", long 92°16'46", Hydrologic Unit 08040302, Sec. 8, T.12N, R. 2E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 288 ft, screened 278-288, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.83 ft above land-surface datum.
PERIOD OF RECORD.--1974-87, 1996, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.45 ft below land-surface datum, Jan. 13, 1976; lowest recorded, 57.21 ft below land-surface datum, Apr. 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 24	57.21	JUL 22	57.15

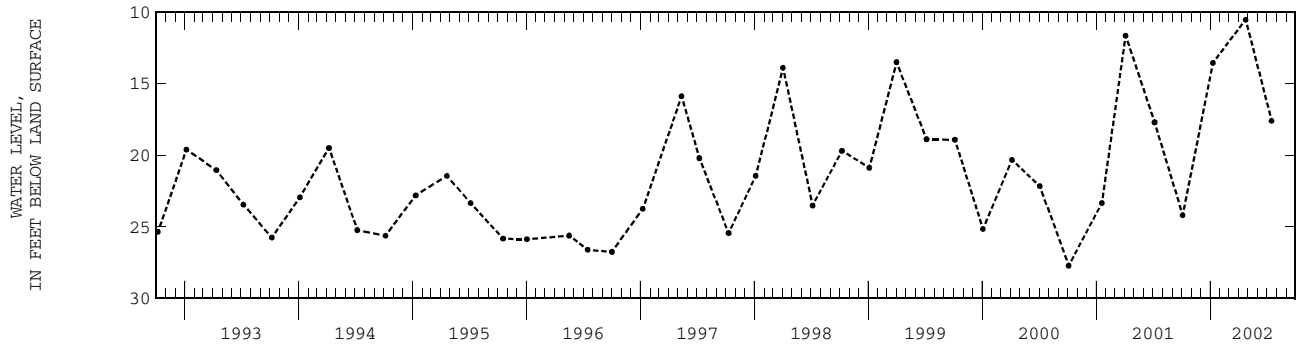
WATER YEAR 2002 HIGHEST 57.15 JUL 22, 2002 LOWEST 57.21 APR 24, 2002

LOCAL NUMBER.--Ca-130.
LOCATION.--Hydrologic Unit 08040207.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 260 ft, screened 240-260, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 90 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.65 ft below land-surface datum, Apr. 4, 2001; lowest recorded, 27.70 ft below land-surface datum, Oct. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	24.18	JAN 09	13.56	APR 24	10.54	JUL 16	17.60

WATER YEAR 2002 HIGHEST 10.54 APR 24, 2002 LOWEST 24.18 OCT 04, 2001



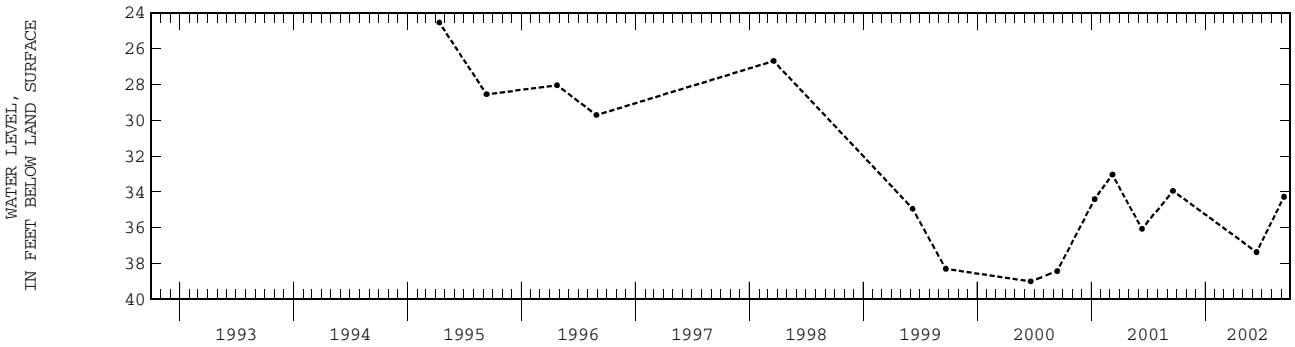
CAMERON PARISH

LOCAL NUMBER.--Cn-80L, Site ID 295846092381105.
LOCATION.--Lat 29°58'46", long 92°38'11", Hydrologic Unit 08080202, Sec. 24, T.12S, R. 3W.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 481 ft, screened 475-481, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 4.73 ft above NGVD of 1929. Measuring point: Top of 1-in. casing, 2.9 ft above land-surface datum.
PERIOD OF RECORD.--1964-1983, 1985, 1990-1991, 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.47 below land-surface datum, Mar. 22, 1965; lowest recorded, 39.00 ft below land-surface datum, June 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 14	37.37	SEP 10	34.28

WATER YEAR 2002 HIGHEST 34.28 SEP 10, 2002 LOWEST 37.37 JUN 14, 2002

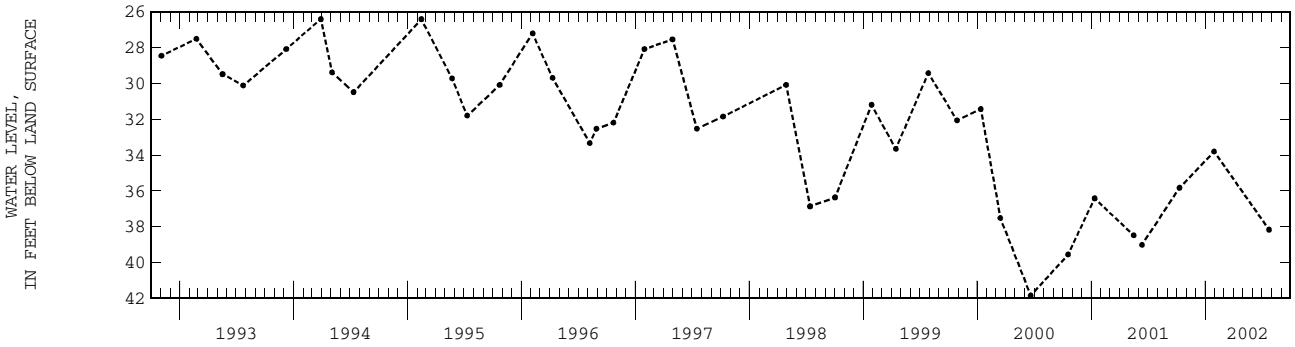


LOCAL NUMBER.--Cn-81L, Site ID 300125092382504.
LOCATION.--Lat 30°01'25", long 92°38'25", Hydrologic Unit 08080202, Sec. 11, T.12S, R. 3W.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 478 ft, screened 468-478, casing diameter 1 in.
DATUM.--Elevation of land surface datum is 4.45 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. pipe, 2.6 ft above land-surface datum.
PERIOD OF RECORD.--1964-1983, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.99 ft below land-surface datum, Mar. 22, 1965; lowest recorded, 41.84 ft below land-surface datum, June 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	35.83	JAN 29	33.81	JUL 24	38.17

WATER YEAR 2002 HIGHEST 33.81 JAN 29, 2002 LOWEST 38.17 JUL 24, 2002

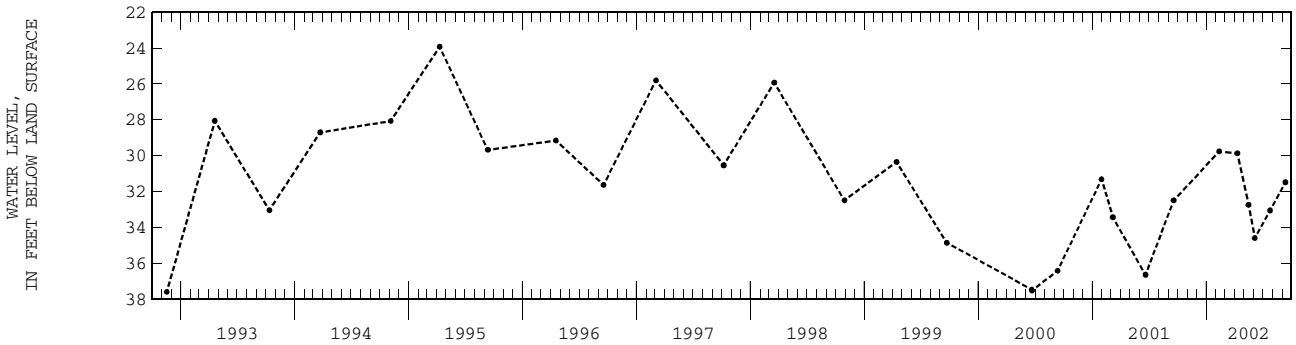


LOCAL NUMBER.--Cn-90, Site ID. 295611093044801.
LOCATION.--Lat 29°56'11", long 93°04'48", Hydrologic Unit 08080202, Sec. 4, T. 13S, R. 7W.
AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).
WELL CHARACTERISTICS.--Depth 396 ft, screened 386-396, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 3.19 ft above NGVD of 1929. Measuring point: Top of 2-in. collar after removing 2-in. plug, 4.2 ft above land-surface datum.
PERIOD OF RECORD.--1964, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.40 ft below land-surface datum, Mar. 24, 1964; lowest recorded, 37.61 ft below land-surface datum, Nov. 17, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 11	29.76	APR 10	29.87	MAY 16	32.75	JUN 05	34.61	JUL 24	33.06	SEP 11	31.49

WATER YEAR 2002 HIGHEST 29.76 FEB 11, 2002 LOWEST 34.61 JUN 05, 2002

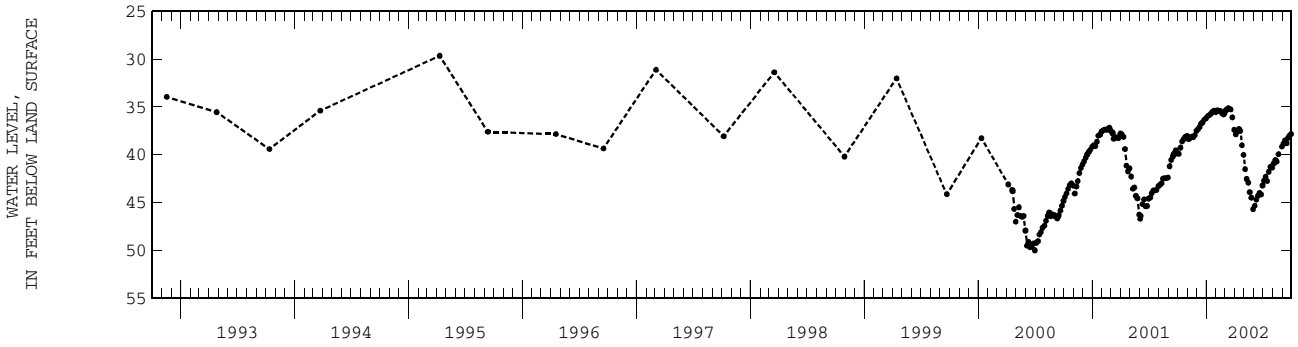


LOCAL NUMBER.--Cn-92, Site ID 300104093015601.
LOCATION.--Lat 30°01'04", long 93°01'56", Hydrologic Unit 08080202, Sec. 12, T.12S, R. 7W.
AQUIFER.--"200-foot" sand of Lake Charles area aquifer of Pleistocene age (11202LC).
WELL CHARACTERISTICS.--Depth 443 ft, screened 438-443, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 5.50 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1964-1985, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.02 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 53.96 ft below land-surface datum, Aug. 14, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	39.92	DEC 10	37.11	FEB 15	35.45	APR 15	37.31	JUN 20	44.01	AUG 31	39.15
10	39.27	15	36.75	20	35.65	20	37.51	25	44.17	SEP 05	38.87
15	38.62	20	36.63	25	35.81	25	39.02	30	43.22	10	38.51
20	38.38	25	36.35	28	35.64	30	40.02	JUL 05	42.72	11	38.56
25	38.15	31	36.19	MAR 05	35.32	MAY 05	41.52	10	42.31	15	38.82
31	38.04	JAN 05	35.98	10	35.27	10	42.55	15	42.77	20	38.23
NOV 05	38.39	10	35.88	12	35.15	15	42.93	20	41.78	25	37.99
10	38.23	15	35.73	15	35.21	20	43.93	25	41.28	30	37.84
15	38.13	20	35.53	20	35.27	25	44.51	31	41.37		
20	38.18	25	35.42	25	36.10	31	45.70	AUG 05	40.92		
25	37.95	31	35.57	31	37.40	JUN 05	45.35	10	40.56		
30	37.52	FEB 05	35.36	APR 05	37.86	10	44.71	15	40.73		
DEC 05	37.34	10	35.42	10	37.62	15	44.30	20	39.96		

WATER YEAR 2002 HIGHEST 35.15 MAR 12, 2002 LOWEST 45.70 MAY 31, 2002



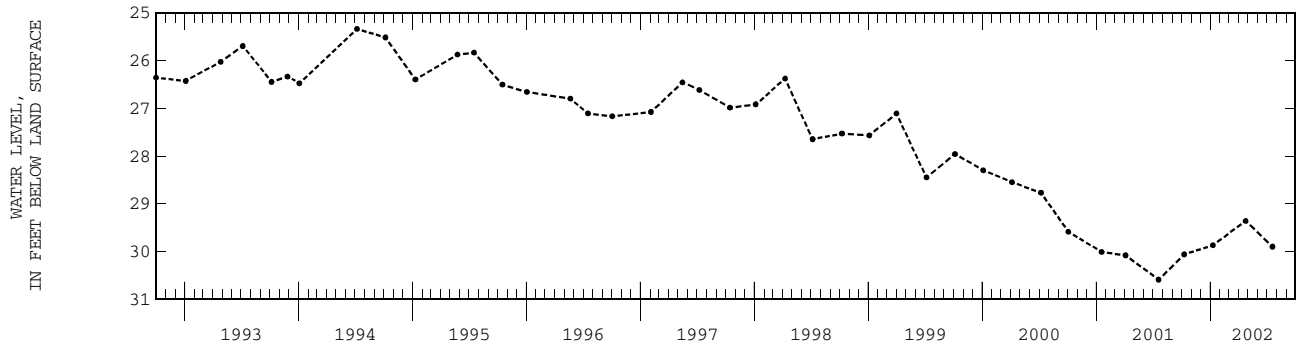
CATAHOULA PARISH

LOCAL NUMBER.--Ct-347, Site ID 315007091410601.
LOCATION.--Lat 31°50'07", long 91°41'06", Hydrologic Unit 08040207, Sec. 42, T.10N, R. 8E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 76 ft, screened 73-76, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 70 ft above NGVD of 1929. Measuring point: Top of bushing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.34 ft below land-surface datum, July 7, 1994; lowest recorded, 30.59 ft below land-surface datum, July 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	30.06	JAN 09	29.87	APR 24	29.36	JUL 19	29.90

WATER YEAR 2002 HIGHEST 29.36 APR 24, 2002 LOWEST 30.06 OCT 09, 2001



CLAIBORNE PARISH

LOCAL NUMBER.--CL-58.
LOCATION.--Hydrologic Unit 08040206.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 482 ft, screened 432-482, casing diameter 12.75 in.
DATUM.--Elevation of land surface datum is 250 ft above NGVD of 1929. Measuring point: Top edge of 1-in. bushing on top of plate cover, 2.80 ft above land-surface datum.
PERIOD OF RECORD.--1955, 1957-87, 1989, 1996, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 95.64 ft below land-surface datum, Jan. 8, 1958; lowest recorded, 143.52 ft below land-surface datum, Sep. 22, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

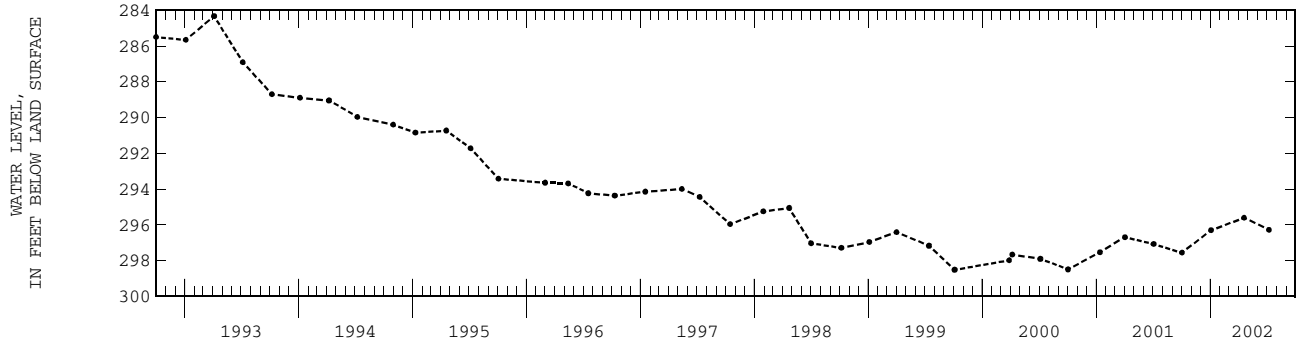
DATE	WATER LEVEL
JUL 09	143.25

LOCAL NUMBER.--Cl-149, Site ID 330002092445901.
LOCATION.--Lat 33°00'02", long 92°44'59", Hydrologic Unit 08040206, Sec. 11, T.23N, R. 4W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 736 ft, screened 726-736, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 230 ft above NGVD of 1929. Measuring point: Top of bushing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 264.01 ft below land-surface datum, Feb. 21, 1980; lowest recorded, 298.50 ft below land-surface datum, Oct. 4, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	297.55	JAN 03	296.29	APR 19	295.60	JUL 08	296.27

WATER YEAR 2002 HIGHEST 295.60 APR 19, 2002 LOWEST 297.55 OCT 02, 2001



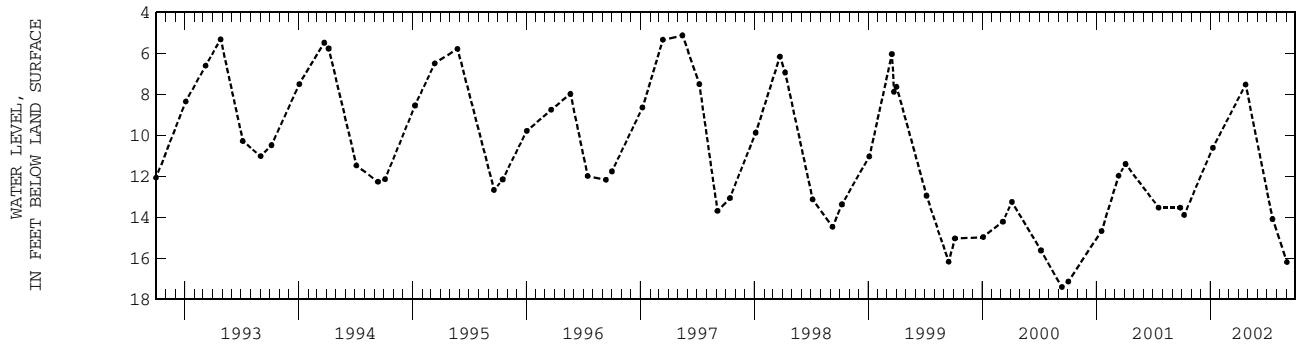
CONCORDIA PARISH

LOCAL NUMBER.--Co-215, Site ID 312630091390001.
LOCATION.--Lat 31°26'30", long 91°39'00", Hydrologic Unit 08040306, Sec. 3, T. 5N, R. 8E.
OWNER.--U.S. Geological Survey.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 121 ft, screened 118-121, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: File mark on top of PVC bushing, 2.96 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.13 ft below land-surface datum, May 15, 1997; lowest recorded, 17.42 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	13.90	JAN 09	10.62	APR 24	7.53	JUL 19	14.10	SEP 03	16.20

WATER YEAR 2002 HIGHEST 7.53 APR 24, 2002 LOWEST 16.20 SEP 03, 2002



DE SOTO PARISH

LOCAL NUMBER.--DS-329.
LOCATION.--Hydrologic Unit 11140206.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 258 ft, screened 236-258, casing diameter 8 to 4 in.
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: Top of breather pipe, 1.2 ft above land-surface datum.
PERIOD OF RECORD.-- 1959 and current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.0 ft below land-surface datum (reported), Oct.16, 1959; lowest recorded, 105.67 ft below land-surface datum, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 21	103.58	AUG 15	105.67		

WATER YEAR 2002 HIGHEST 103.58 FEB 21, 2002 LOWEST 105.67 AUG 15, 2002

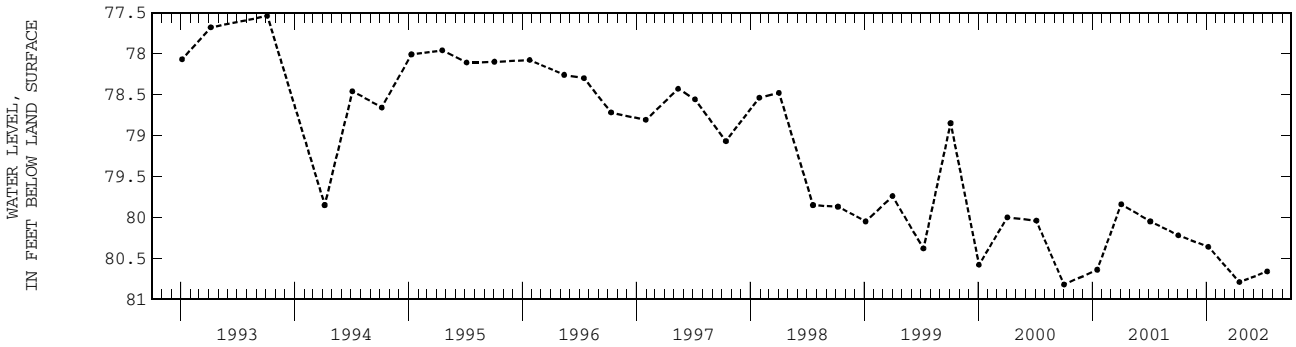
DE SOTO PARISH--Continued

LOCAL NUMBER.--DS-445, Site ID 315521093343801.
LOCATION.--Lat 31°55'21", long 93°34'38", Hydrologic Unit 12010004, Sec. 22, T. 11N, R. 12W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 140 ft, screened 130-140, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 305 ft above NGVD of 1929. Measuring point: Top of casing, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1977-1987, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 77.54 ft below land-surface datum, Oct. 5, 1993; lowest recorded, 84.18 ft below land-surface datum, Dec. 10, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	80.22	JAN 07	80.36	APR 17	80.79	JUL 15	80.66

WATER YEAR 2002 HIGHEST 80.22 OCT 03, 2001 LOWEST 80.79 APR 17, 2002

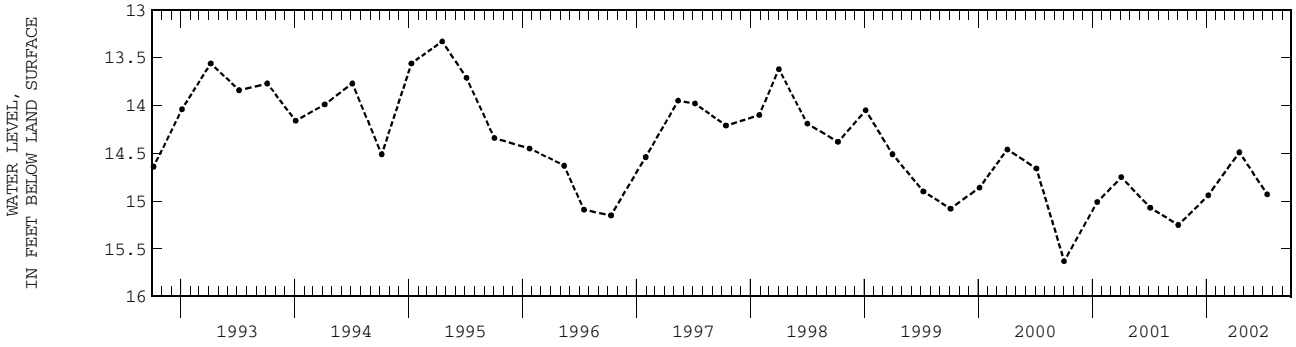


LOCAL NUMBER.--DS-517, Site ID 320153093583601.
LOCATION.--Lat 32°01'53", long 93°58'36", Hydrologic Unit 12010004, Sec. 14, T.12N, R.16W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 131 ft, screened 129-131, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 225 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.
PERIOD OF RECORD.--1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.33 ft below land-surface datum, Apr. 19, 1995; lowest recorded, 17.64 ft below land-surface datum, Sep. 24, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	15.25	JAN 07	14.94	APR 17	14.49	JUL 15	14.93

WATER YEAR 2002 HIGHEST 14.49 APR 17, 2002 LOWEST 15.25 OCT 03, 2001

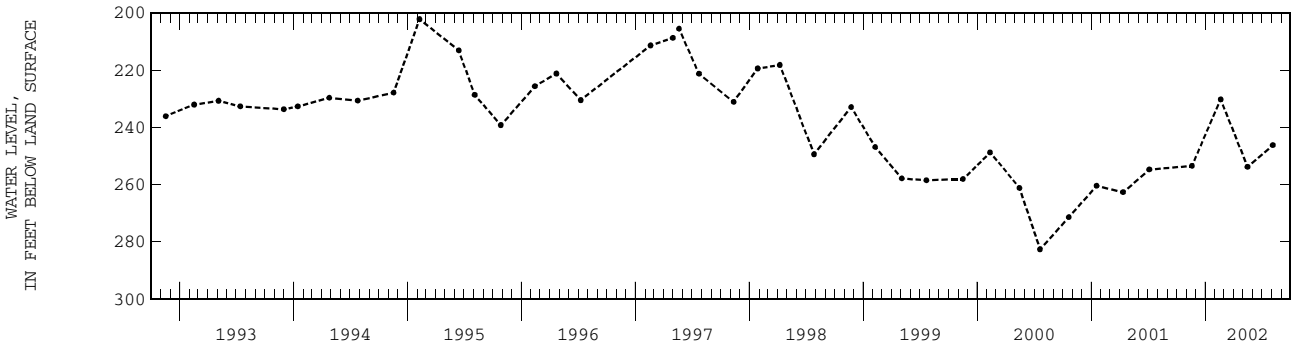


LOCAL NUMBER.--EB-90.
LOCATION.--Hydrologic Unit 08070202.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,120 ft, screened 2,025-2,120, casing diameter 8 to 6 to 4 in.
DATUM.--Elevation of land surface datum is 59.05 ft above NGVD of 1929. Measuring point: Top edge of 10-in. collar, 1.1 ft above land-surface datum.
PERIOD OF RECORD.--1943-1945, 1947-1955, 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.70 ft above land-surface datum, Feb. 23, 1943; lowest recorded, 292.54 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	253.44	FEB 19	230.27	MAY 16	253.84	AUG 05	246.23

WATER YEAR 2002 HIGHEST 246.23 AUG 05, 2002 LOWEST 253.84 MAY 16, 2002

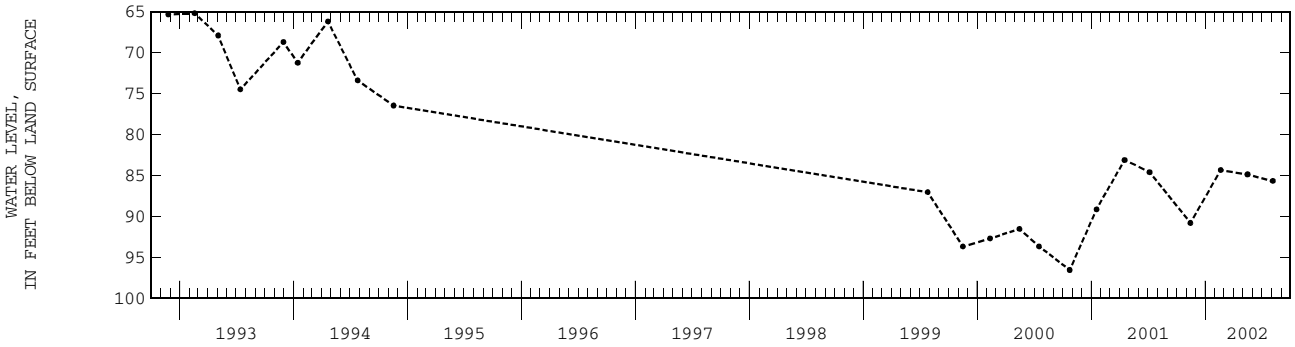


LOCAL NUMBER.--EB-128, Site ID 302648091102301.
LOCATION.--Lat 30°26'48", long 91°10'23", Hydrologic Unit 08070201, Sec. 74, T. 7S, R. 1W.
AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).
WELL CHARACTERISTICS.--Depth 970 ft, Screened 840-883 and 916-970, Casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 57.02 ft above NGVD of 1929. Measuring point: Top inside edge of 6-in. casing, at land-surface datum.
PERIOD OF RECORD.--1940-94, 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.40 ft below land-surface datum, July 12, 1989; lowest recorded, 128.42 ft below land-surface datum, Sep. 9, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	90.81	FEB 19	84.35	MAY 16	84.87	AUG 05	85.68

WATER YEAR 2002 HIGHEST 84.35 FEB 19, 2002 LOWEST 90.81 NOV 14, 2001



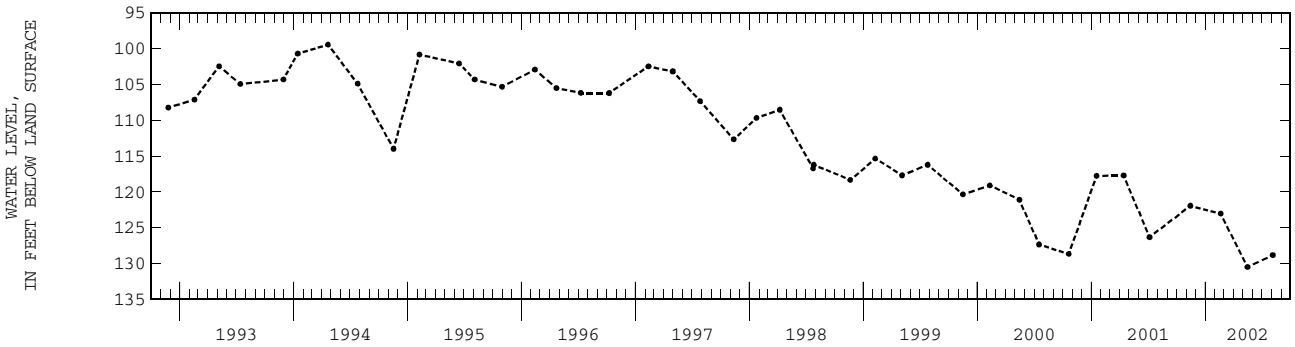
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-146, Site ID 302653091095701.
LOCATION.--Lat 30°26'53", long 91°09'57", Hydrologic Unit 08070201, Sec. 73, T. 7S, R. 1W.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,259 ft, Screened 1,199-1,259, Casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 52 ft above NGVD of 1929. Measuring point: 3/8 in. hole in plate atop 6-in. casing, 0.45 ft above land-surface datum.
PERIOD OF RECORD.--1916, 1963 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.00 ft above land-surface datum, Mar. 25, 1916; lowest recorded, 128.67 ft below land-surface datum, Oct. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	121.95	FEB 19	123.05	MAY 16	130.51	AUG 05	128.84

WATER YEAR 2002 HIGHEST 121.95 NOV 14, 2001 LOWEST 130.51 MAY 16, 2002

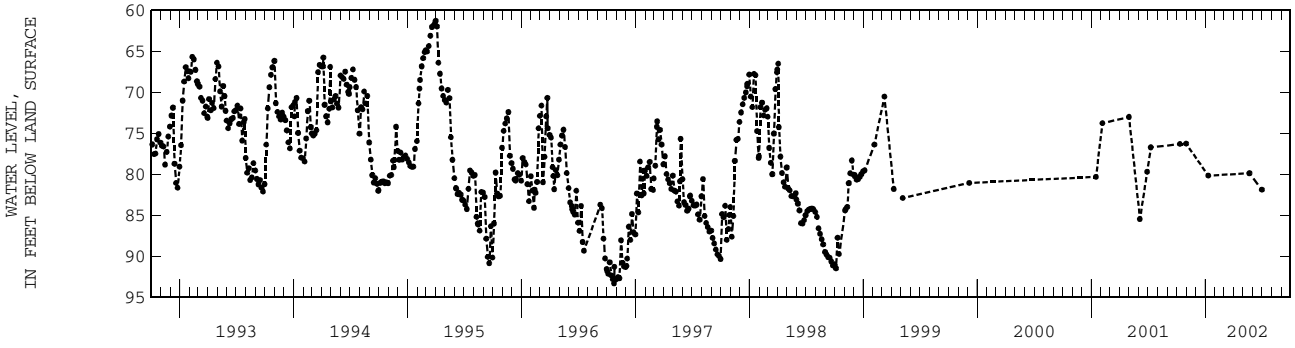


LOCAL NUMBER.--EB-155, Site ID 302930091101501.
LOCATION.--Lat 30°29'30", long 91°10'15", Hydrologic Unit 08070202, Sec. 43, T. 6S, R. 1W.
OWNER.--Exxon Company, U.S.A.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 412 ft, screened 311-412, casing diameter 18 to 12 in.
DATUM.--Elevation of land surface datum is 60.14 ft above NGVD of 1929. Measuring point: Top inside edge of casing, 0.85 ft above land-surface datum.
PERIOD OF RECORD.--1963-1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 57.81 ft below land-surface datum, Mar. 25, 1990, May 10, 1991, May 15, 1991, May 30, 1991; lowest recorded, 185.30 ft below land-surface datum, Oct. 15, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	76.33	OCT 31	76.29	JAN 10	80.18	MAY 22	79.89	JUL 01	81.91

WATER YEAR 2002 HIGHEST 76.29 OCT 31, 2001 LOWEST 81.91 JUL 01, 2002

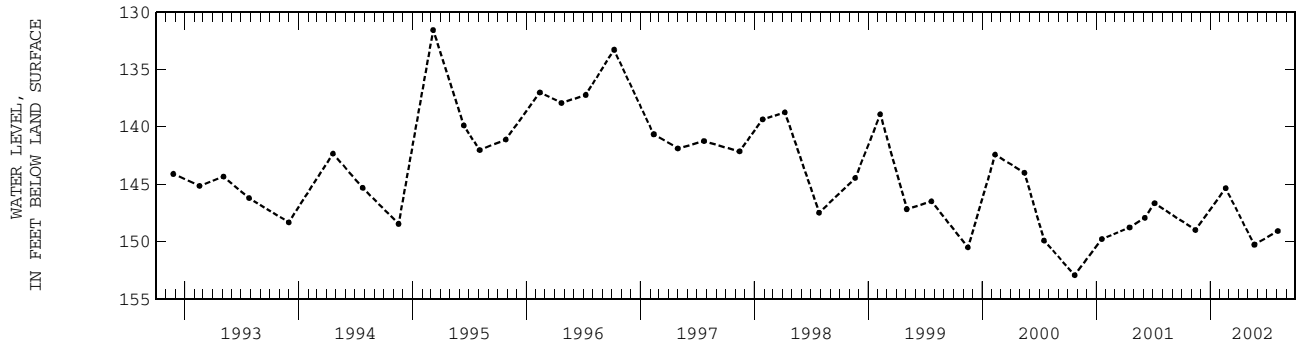


LOCAL NUMBER.--EB-168, Site ID 303001091093801.
LOCATION.--Lat 30°30'01", long 91°09'38", Hydrologic Unit 08070201, Sec. 38, T. 6S, R. 1W.
OWNER.--Baton Rouge Water Company.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 1,496 ft, screened 1,416-1,496, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 56 ft above NGVD of 1929. Measuring point: collar on plate atop casing, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--1943, 1948, 1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.00 ft above land-surface datum, Mar. 1, 1943; lowest recorded, 152.94 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	148.99	FEB 19	145.34	MAY 22	150.27	AUG 05	149.08

WATER YEAR 2002 HIGHEST 145.34 FEB 19, 2002 LOWEST 150.27 MAY 22, 2002

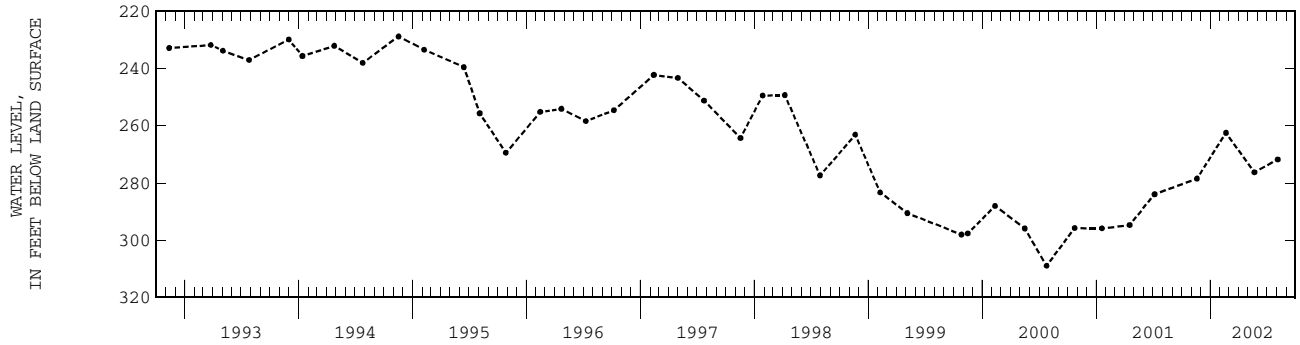


LOCAL NUMBER.--EB-297, Site ID 303026091113001.
LOCATION.--Lat 30°30'26", long 91°11'30", Hydrologic Unit 08070201, Sec. 37, T. 6S, R. 1W.
OWNER.--LA Department of Transportation and Development.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,940 ft, screened 1,890-1,940, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 61 ft above NGVD of 1929. Measuring point: Top of 4-in. nipple, send tape down 2-in. pipe, 2.2 ft above land-surface datum.
PERIOD OF RECORD.--1937, 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.00 ft above land-surface datum, 1937; lowest recorded, 336.23 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	278.48	FEB 20	262.52	MAY 22	276.33	AUG 05	271.80

WATER YEAR 2002 HIGHEST 262.52 FEB 20, 2002 LOWEST 278.48 NOV 19, 2001



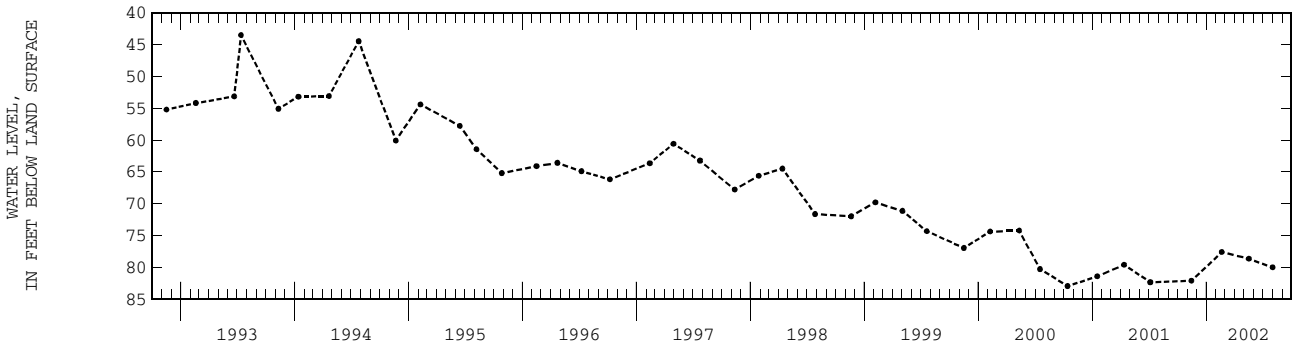
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-304, Site ID 303440090592702.
LOCATION.--Lat 30°34'40", long 90°59'27", Hydrologic Unit 08070202, Sec. 49, T. 5S, R. 2E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,725 ft, screened 1,685-1,725, casing diameter 6 in.
DATUM.--Elevation of land surface datum is 67 ft above NGVD of 1929. Measuring point: Top of 2-in. coupling welded on top of casing, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--1941, 1943-1946, 1949-1951, 1954-1970, 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.00 ft above land-surface datum, Dec. 19, 1941; lowest recorded, 82.93 ft below land-surface datum, Oct. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	82.08	FEB 19	77.59	MAY 17	78.63	AUG 01	79.97

WATER YEAR 2002 HIGHEST 77.59 FEB 19, 2002 LOWEST 82.08 NOV 14, 2001

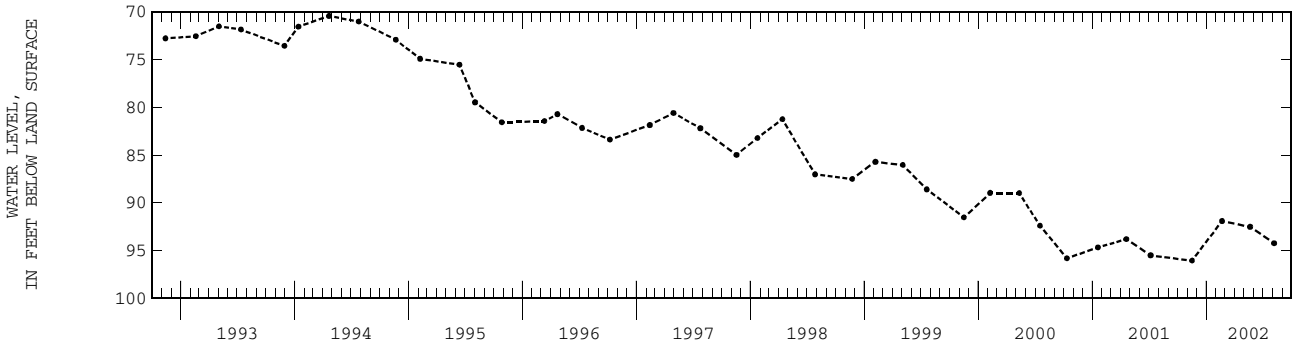


LOCAL NUMBER.--EB-322, Site ID 303441091074201.
LOCATION.--Lat 30°34'41", long 91°07'42", Hydrologic Unit 08070202, Sec. 29, T. 5S, R. 1E.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 1,971 ft, screened 1,931-1,971, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 68 ft above NGVD of 1929. Measuring point: Top edge of 2 ½ in. casing, 0.25 ft above land-surface datum.
PERIOD OF RECORD.--1942-1951, 1959, 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.00 ft above land-surface datum, Dec. 6, 1942; lowest recorded, 96.06 ft below land-surface datum, Nov. 16, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	96.06	FEB 20	91.92	MAY 21	92.52	AUG 06	94.24

WATER YEAR 2002 HIGHEST 91.92 FEB 20, 2002 LOWEST 96.06 NOV 16, 2001

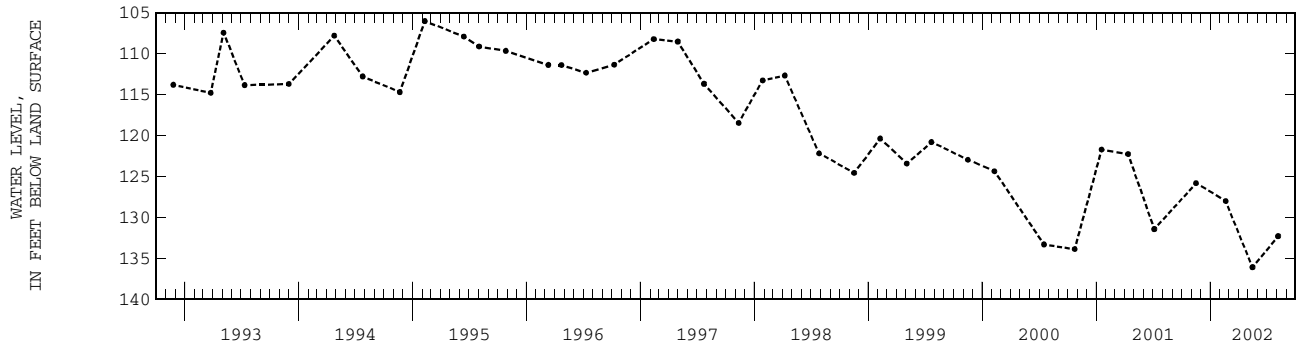


LOCAL NUMBER.--EB-327, Site ID 302820091072401.
LOCATION.--Lat 30°28'20", long 91°07'24", Hydrologic Unit 08070202, Sec. 73, T. 7S, R. 1E.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,236 ft, screened 1,186-1,236, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 55 ft above NGVD of 1929. Measuring point: Top of 2-in. casing extension, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1972-1988, 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.10 ft below land-surface datum, Feb. 7, 1974; lowest recorded, 136.08 ft below land-surface datum, May 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	125.82	FEB 19	128.01	MAY 16	136.08	AUG 06	132.29

WATER YEAR 2002 HIGHEST 125.82 NOV 16, 2001 LOWEST 136.08 MAY 16, 2002

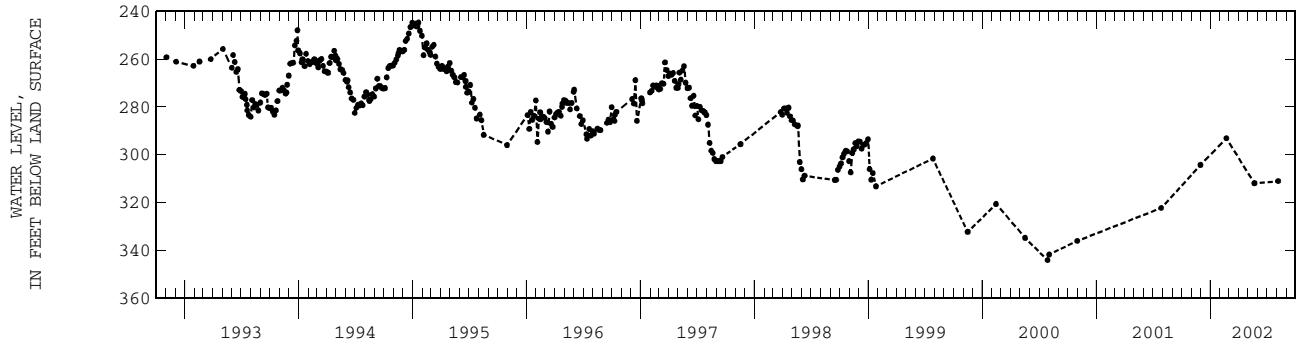


LOCAL NUMBER.--EB-367, Site ID 302930091111301.
LOCATION.--Lat 30°29'30", long 91°11'13", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.
OWNER.--Gulf States Utilities Co.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,061 ft, screened 1,961-2,061, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 64.4 ft above NGVD of 1929. Measuring point: Top edge of 12-in. casing, at land-surface datum.
PERIOD OF RECORD.--1942, 1964 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.00 ft below land-surface datum, June 16, 1942; lowest recorded, 372.20 ft below land-surface datum, Aug. 17, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	304.33	FEB 21	293.16	MAY 22	311.95	AUG 06	311.13

WATER YEAR 2002 HIGHEST 293.16 FEB 21, 2002 LOWEST 311.95 MAY 22, 2002



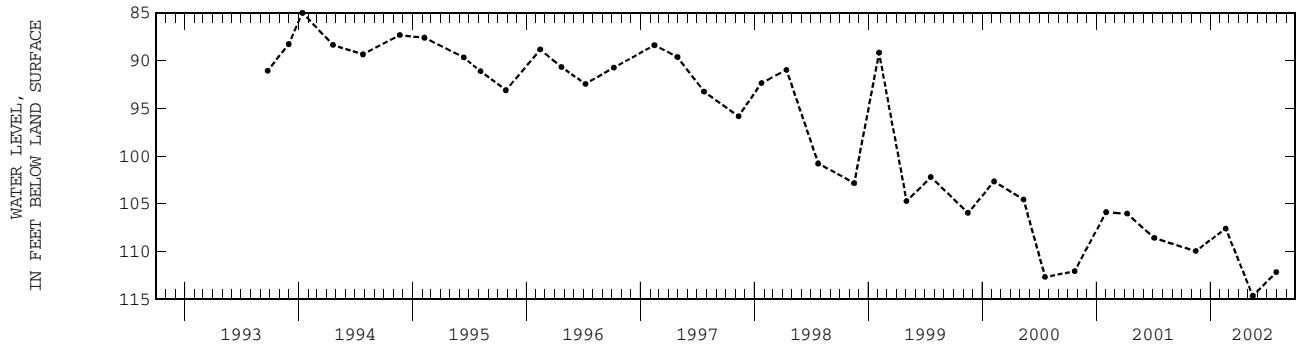
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-392, Site ID 302844091033601.
LOCATION.--Lat 30°28'44", long 91°03'36", Hydrologic Unit 08070201, Sec. 36, T. 6S, R. 1E.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 1,464 ft, screened 1,389-1,464, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Lower edge of collar on north side of well casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1942, 1973, 1977-1978, 1981, 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.75 ft above land-surface datum, Sep. 6, 1942; lowest recorded, 114.64 ft below land-surface datum, May 17, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	109.96	FEB 19	107.61	MAY 17	114.64	JUL 31	112.15

WATER YEAR 2002 HIGHEST 107.61 FEB 19, 2002 LOWEST 114.64 MAY 17, 2002

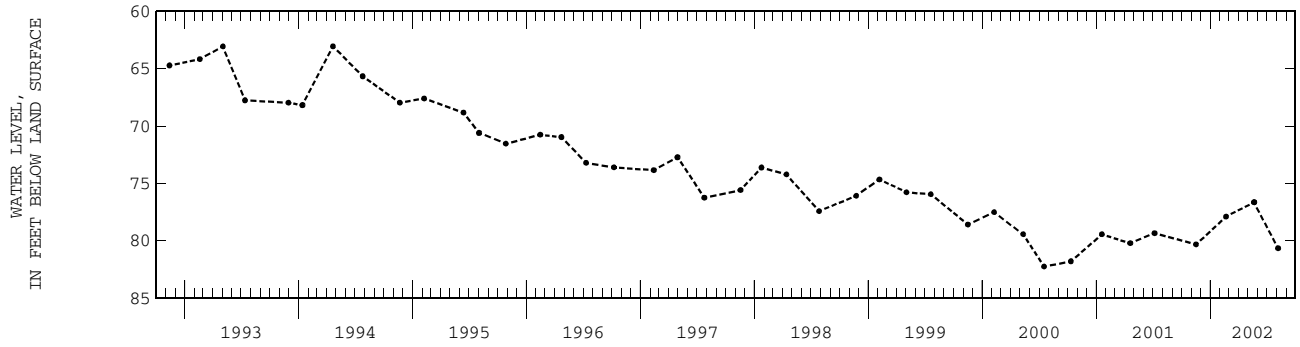


LOCAL NUMBER.--EB-468, Site ID 303408091075001.
LOCATION.--Lat 30°34'08", long 91°07'50", Hydrologic Unit 08070202, Sec. 53, T. 5S, R. 1E.
OWNER.--A. M. Holden.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 2,407 ft, screened 2,319-2,407, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 73 ft above NGVD of 1929. Measuring point: 3/4-in. hole in sanitary seal, 0.4 ft above land-surface datum.
PERIOD OF RECORD.--1948-1951, 1953-1967, 1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 71.60 ft above land-surface datum, Feb. 27, 1948; lowest recorded, 82.26 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	80.33	FEB 20	77.91	MAY 21	76.66	MAY 21	76.66	AUG 06	80.66

WATER YEAR 2002 HIGHEST 76.66 MAY 21, 2002 MAY 21, 2002 LOWEST 80.66 AUG 06, 2002

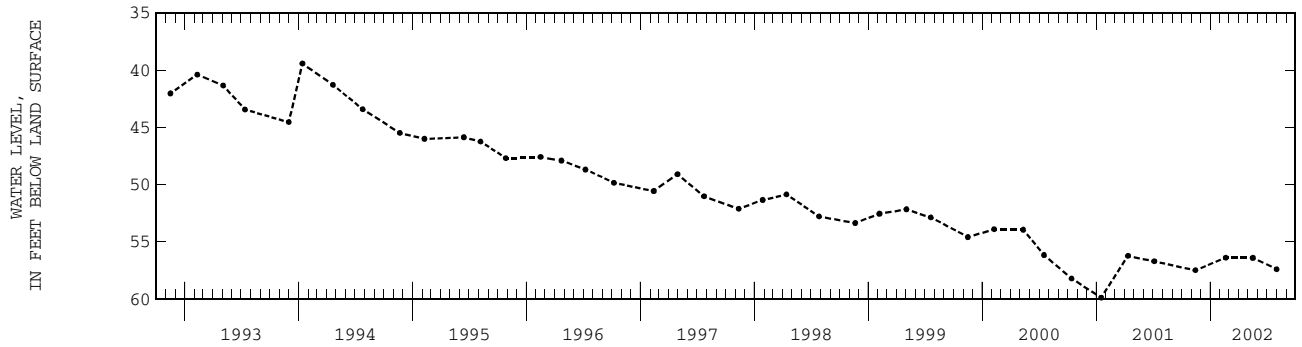


LOCAL NUMBER.--EB-581, Site ID 303440090592703.
LOCATION.--Lat 30°34'40", long 90°59'27", Hydrologic Unit 08070202, Sec. 49, T. 5S, R. 2E.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 2,590 ft, screened 2,540-2,590, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 67 ft above NGVD of 1929. Measuring point: Top of 1-in. pipe on side of 8-in. casing, 1.9 ft above land-surface datum.
PERIOD OF RECORD.--1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.40 ft above land-surface datum, May 25, 1956; lowest recorded, 59.86 ft below land-surface datum, Jan. 16, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	57.47	FEB 19	56.38	MAY 17	56.39	AUG 01	57.38

WATER YEAR 2002 HIGHEST 56.38 FEB 19, 2002 LOWEST 57.47 NOV 14, 2001

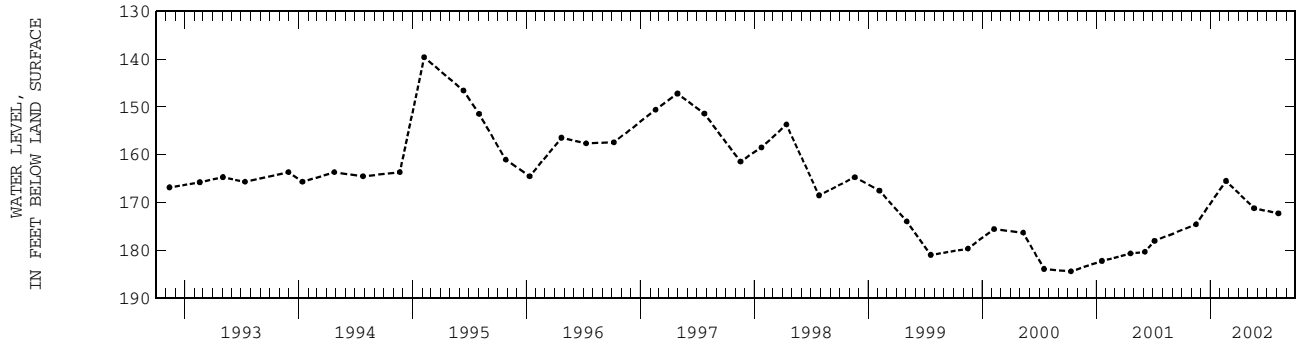


LOCAL NUMBER.--EB-685, Site ID 303350091100901.
LOCATION.--Lat 30°33'50", long 91°10'09", Hydrologic Unit 08070202, Sec. 53, T. 5S, R. 1W.
OWNER.--Baton Rouge Recreation Park Commission.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,640 ft, screened 1,580-1,640, casing diameter 6 to 3 in.
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Hole in center of plug at top of 6-in. casing, 1.73 ft above land-surface datum.
PERIOD OF RECORD.--1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.95 ft below land-surface datum, Apr. 30, 1959; lowest recorded, 184.43 ft below land-surface datum, Oct. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	174.59	FEB 20	165.51	MAY 21	171.21	AUG 07	172.29

WATER YEAR 2002 HIGHEST 165.51 FEB 20, 2002 LOWEST 174.59 NOV 16, 2001

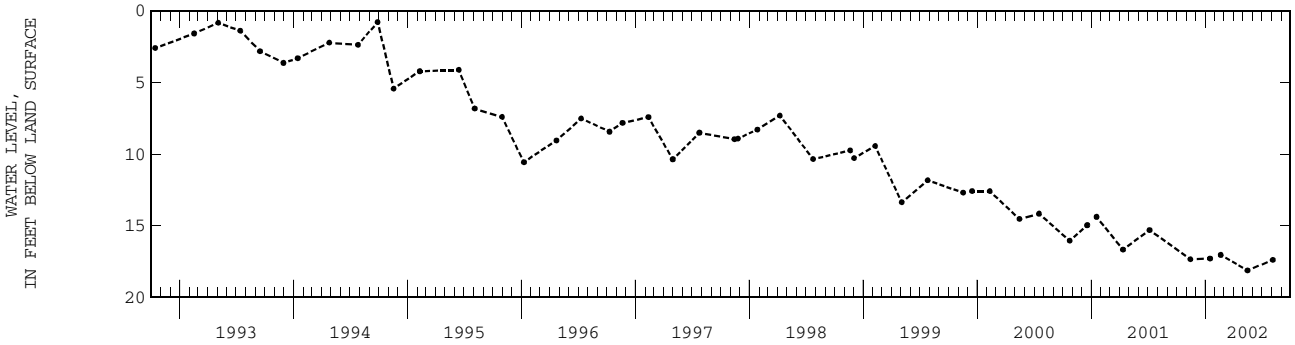


LOCAL NUMBER.--EB-778, Site ID 302509091082701.
LOCATION.--Lat 30°25'09", long 91°08'27", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,586 ft, Screened 2,581-2,586, Casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top edge of 4-in. collar, 0.25 ft below land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.10 ft above land-surface datum, Mar. 16, 1965; lowest recorded, 18.13 ft below land-surface datum, May 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	17.35	JAN 16	17.30	FEB 19	17.05	MAY 16	18.13	AUG 05	17.40

WATER YEAR 2002 HIGHEST 17.05 FEB 19, 2002 LOWEST 18.13 MAY 16, 2002

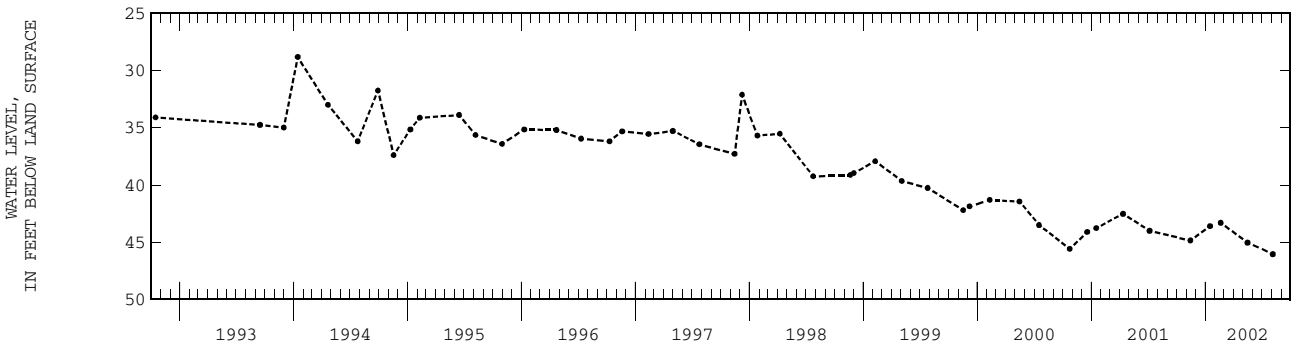


LOCAL NUMBER.--EB-780A, Site ID 302509091082702.
LOCATION.--Lat 30°25'09", long 91°08'27", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,622 ft, Screened 1,617-1,622, Casing diameter 4 in.
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 4 in. collar, 0.14 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.26 ft above land-surface datum, Jan. 12, 1966; lowest recorded, 46.04 ft below land-surface datum, Aug. 5, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	44.84	JAN 16	43.59	FEB 19	43.30	MAY 16	45.03	AUG 05	46.04

WATER YEAR 2002 HIGHEST 43.30 FEB 19, 2002 LOWEST 46.04 AUG 05, 2002

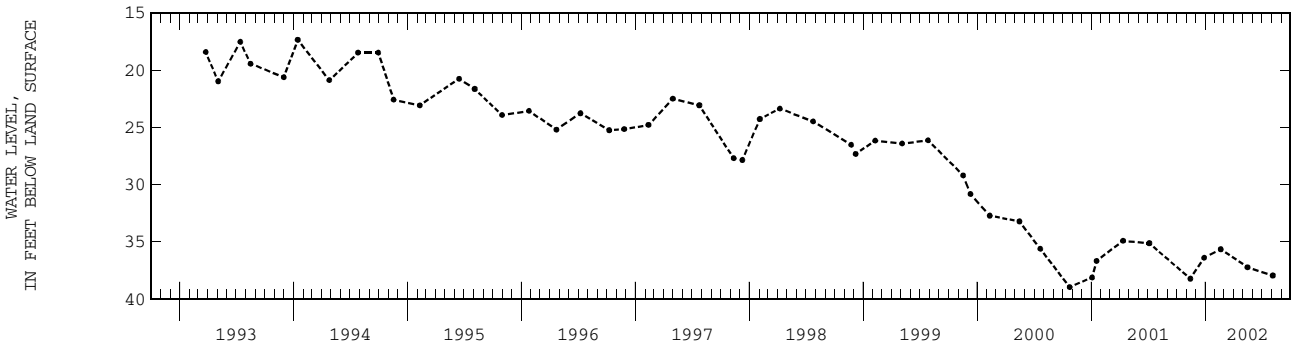


LOCAL NUMBER.--EB-782A, Site ID 302535091090402.
LOCATION.--Lat 30°25'35", long 91°09'04", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.
AQUIFER.--"1,000-foot" sand of Baton Rouge area of Pliocene age (12110BR).
WELL CHARACTERISTICS.--Depth 1,189 ft, Screened 1,184-1,189, Casing diameter 4 in.
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.37 below land-surface datum, Jan. 14, 1994; lowest recorded, 38.95 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	38.21	DEC 28	36.38	FEB 19	35.64	MAY 16	37.21	AUG 05	37.93

WATER YEAR 2002 HIGHEST 35.64 FEB 19, 2002 LOWEST 38.21 NOV 14, 2001

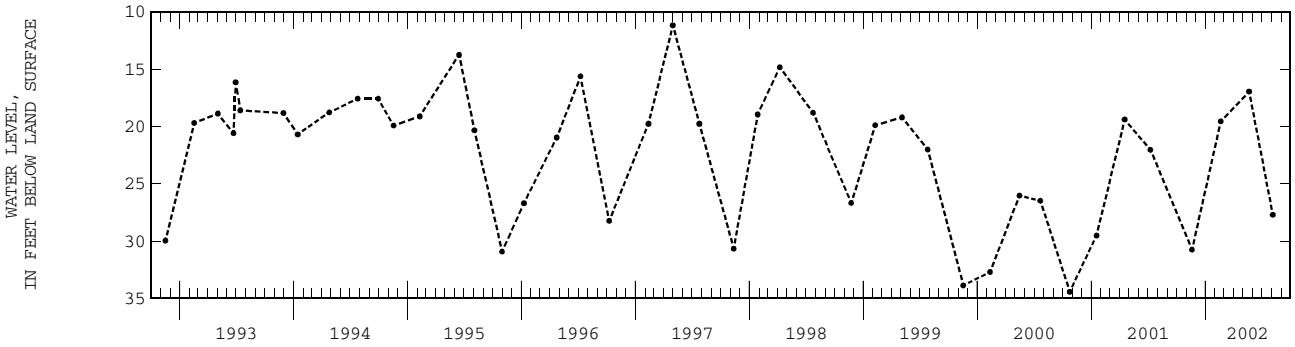


LOCAL NUMBER.--EB-789A, Site ID 302511091070401.
LOCATION.--Lat 30°25'11", long 91°07'04", Hydrologic Unit 08070202, Sec. 93, T. 7S, R. 1E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 37 ft, screened 707-711, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 37 ft above NGVD of 1929. Measuring point: Edge of bolt hole in sanitary seal, 0.61 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.50 ft below land-surface datum, May. 17, 1979; lowest recorded, 34.44 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	30.76	FEB 19	19.57	MAY 21	16.97	AUG 05	27.73

WATER YEAR 2002 HIGHEST 16.97 MAY 21, 2002 LOWEST 30.76 NOV 19, 2001

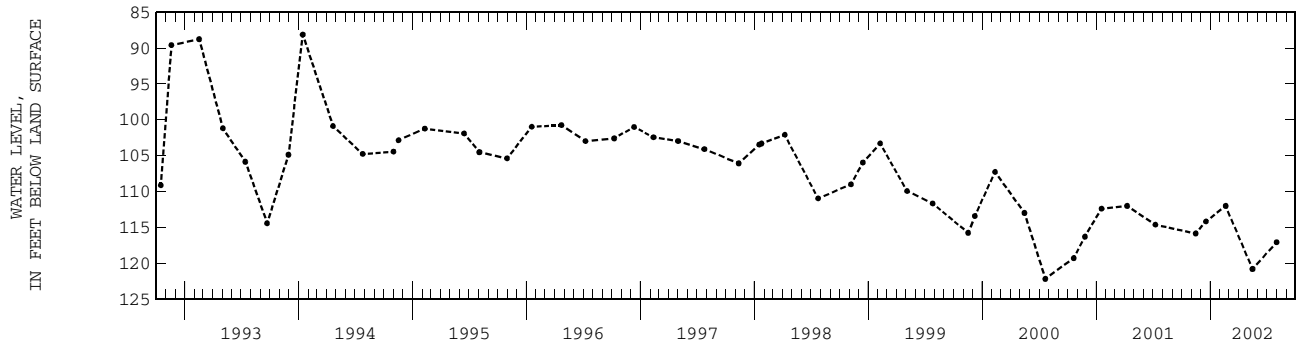


LOCAL NUMBER.--EB-804A, Site ID 302428091035001.
LOCATION.--Lat 30°24'28", long 91°03'50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.
AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).
WELL CHARACTERISTICS.--Depth 1,950 ft, Screened 1,946-1,950, Casing diameter 4 in.
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.57 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.34 ft below land-surface datum, June 9, 1967; lowest recorded, 122.21 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	115.86	DEC 18	114.19	FEB 19	112.02	MAY 16	120.82	AUG 01	117.08

WATER YEAR 2002 HIGHEST 112.02 FEB 19, 2002 LOWEST 120.82 MAY 16, 2002

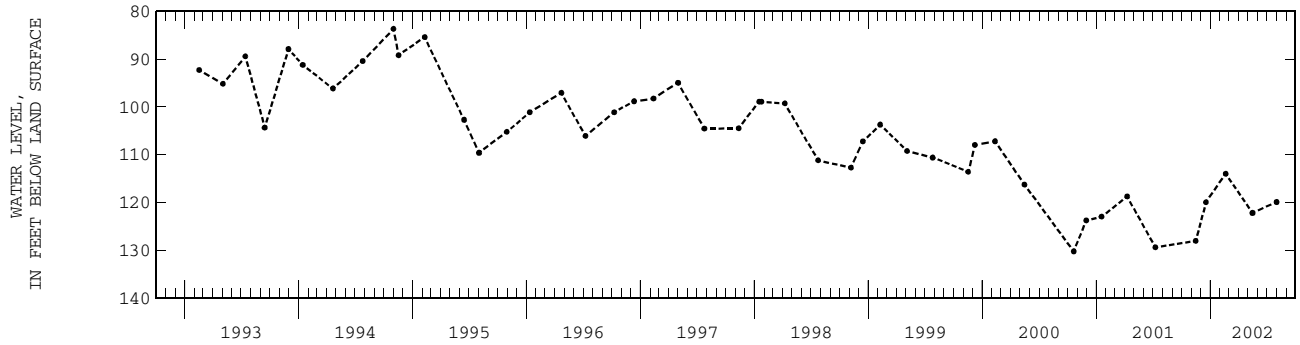


LOCAL NUMBER.--EB-804B, Site ID 302428091035002.
LOCATION.--Lat 30°24'28", long 91°03'50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 2,762 ft, Screened 2,758-2,762, Casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.37 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.45 ft below land-surface datum, May. 6, 1966, May 18, 1966; lowest recorded, 130.24 ft below land-surface datum, Oct. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	128.05	DEC 18	119.96	FEB 19	114.00	MAY 16	122.20	AUG 01	119.93

WATER YEAR 2002 HIGHEST 114.00 FEB 19, 2002 LOWEST 128.05 NOV 15, 2001

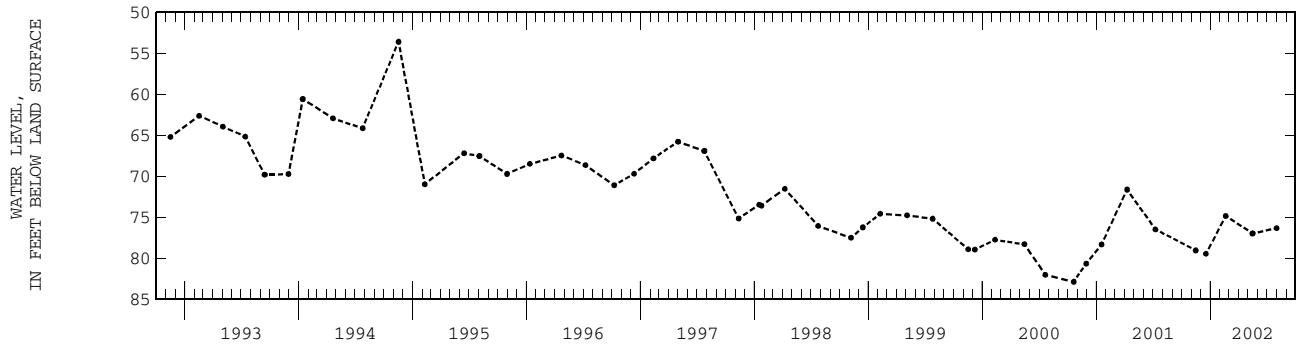


LOCAL NUMBER.--EB-805, Site ID 302428091035003.
LOCATION.--Lat 30°24'28", long 91°03'50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.
AQUIFER.--"1,000-foot" sand of Baton Rouge area of Pliocene age (12110BR).
WELL CHARACTERISTICS.--Depth 1,072 ft, screened 1,068-1,072, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of ½ in. hole in cap, 1.25 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.04 ft below land-surface datum, June 9, 1967; lowest recorded, 82.91 ft below land-surface datum, Oct. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	79.08	DEC 18	79.50	FEB 19	74.87	MAY 16	77.01	AUG 01	76.36

WATER YEAR 2002 HIGHEST 74.87 FEB 19, 2002 LOWEST 79.50 DEC 18, 2001

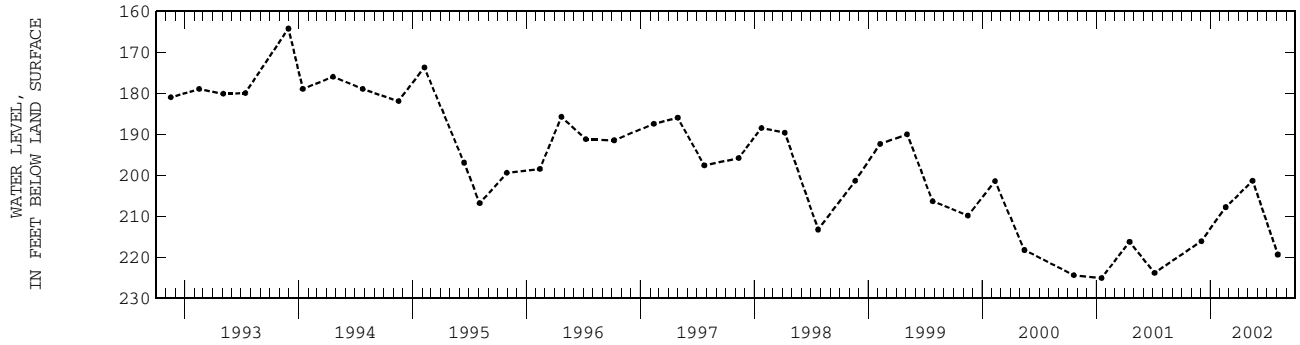


LOCAL NUMBER.--EB-806B, Site ID 302702091103902.
LOCATION.--Lat 30°27'02", long 91°10'39", Hydrologic Unit 08070201, Sec. 72, T. 7S, R. 1W.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 2,579 ft, screened 2,575-2,579, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 46.5 ft above NGVD of 1929. Measuring point: Top edge of 1 ½ in. nipple, 1.83 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 119.03 ft below land-surface datum, May 19, 1966; lowest recorded, 225.14 ft below land-surface datum, Jan. 17, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 03	216.15	FEB 19	207.84	MAY 16	201.38	AUG 05	219.40

WATER YEAR 2002 HIGHEST 201.38 MAY 16, 2002 LOWEST 219.40 AUG 05, 2002



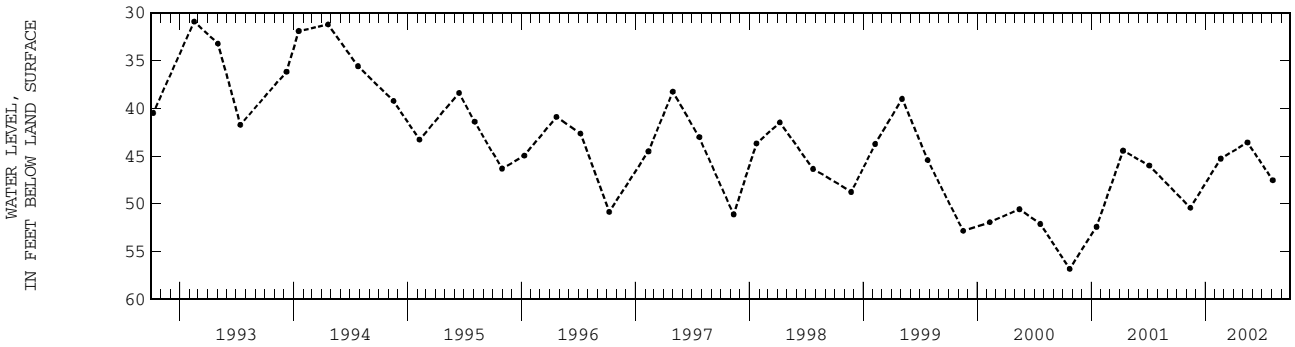
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-824, Site ID 302553091092001.
LOCATION.--Lat 30°25'53", long 91°09'20", Hydrologic Unit 08070202, Sec. 96, T. 7S, R. 1E.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 581 ft, screened 575-581, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 33.56 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.84 ft below land-surface datum, July 10, 1990; lowest recorded, 90.29 ft below land-surface datum, Oct. 23, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	50.43	FEB 19	45.29	MAY 16	43.59	AUG 05	47.54

WATER YEAR 2002 HIGHEST 43.59 MAY 16, 2002 LOWEST 50.43 NOV 14, 2001

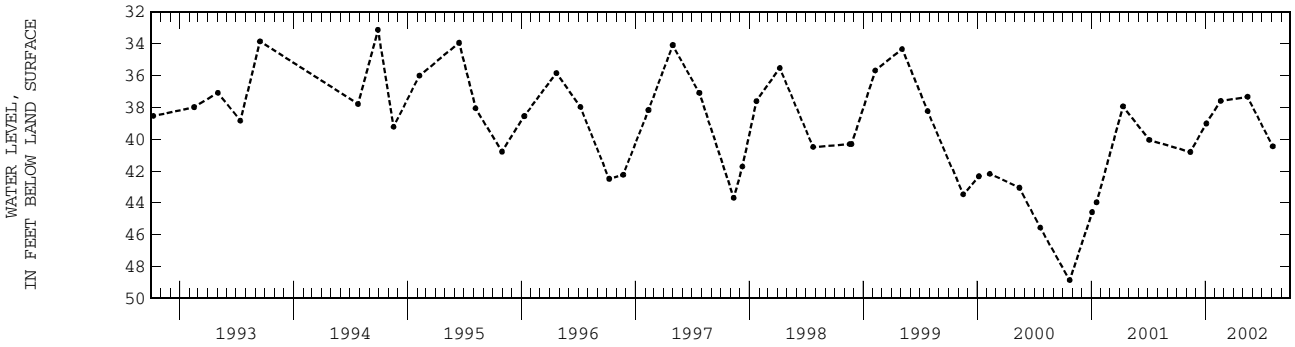


LOCAL NUMBER.--EB-825, Site ID 302553091092002.
LOCATION.--Lat 30°25'53", long 91°09'20", Hydrologic Unit 08070202, Sec. 96, T. 7S, R. 1E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 475 ft, screened 469-476, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 33.57 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.21 ft below land-surface datum, May 9, 1990; lowest recorded, 63.45 ft below land-surface datum, Nov. 8, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	40.81	JAN 04	39.02	FEB 19	37.61	MAY 16	37.35	AUG 05	40.46

WATER YEAR 2002 HIGHEST 37.35 MAY 16, 2002 LOWEST 40.81 NOV 14, 2001

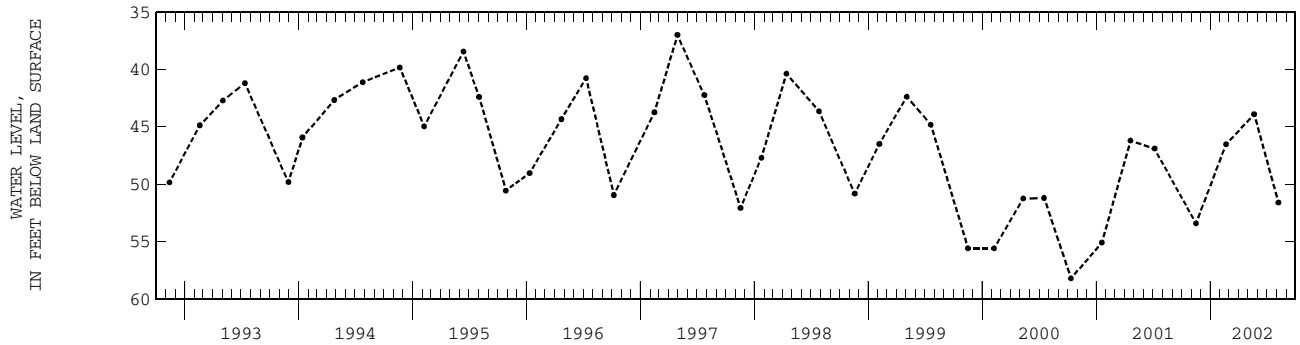


LOCAL NUMBER.--EB-827, Site ID 303356091095301.
LOCATION.--Lat 30°33'56", long 91°09'53", Hydrologic Unit 08070202, Sec. 54, T. 5S, R. 1W.
OWNER.--Louisiana Water Resources Research Institute.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 370 ft, screened 364-370, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 63.96 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1967-1988, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.97 ft below land-surface datum, Apr. 29, 1997; lowest recorded, 68.13 ft below land-surface datum, Nov. 1, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	53.41	FEB 20	46.51	MAY 21	43.89	AUG 07	51.60

WATER YEAR 2002 HIGHEST 43.89 MAY 21, 2002 LOWEST 53.41 NOV 16, 2001

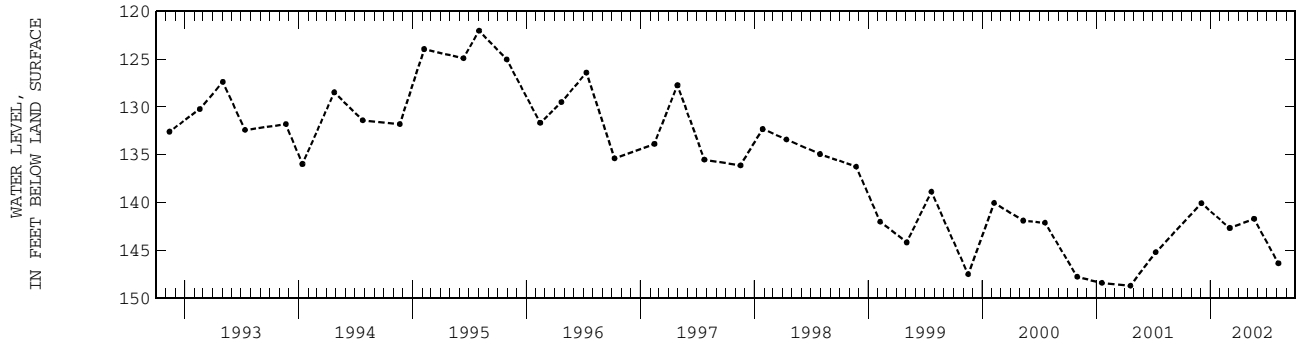


LOCAL NUMBER.--EB-849, Site ID 303912091150801.
LOCATION.--Lat 30°39'12", long 91°15'08", Hydrologic Unit 08070201, Sec. 31, T. 4S, R. 1W.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,380 ft, screened 1,250-1,270 and 1,350-1,380, casing diameter 6 in.
DATUM.--Elevation of land surface datum is 91 ft above NGVD of 1929. Measuring point: Top of 6-in. casing, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1966, 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.79 ft below land-surface datum, Feb. 22, 1966; lowest recorded, 148.73 ft below land-surface datum, Apr. 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 03	140.08	MAR 04	142.68	MAY 21	141.71	AUG 07	146.37

WATER YEAR 2002 HIGHEST 140.08 DEC 03, 2001 LOWEST 146.37 AUG 07, 2002



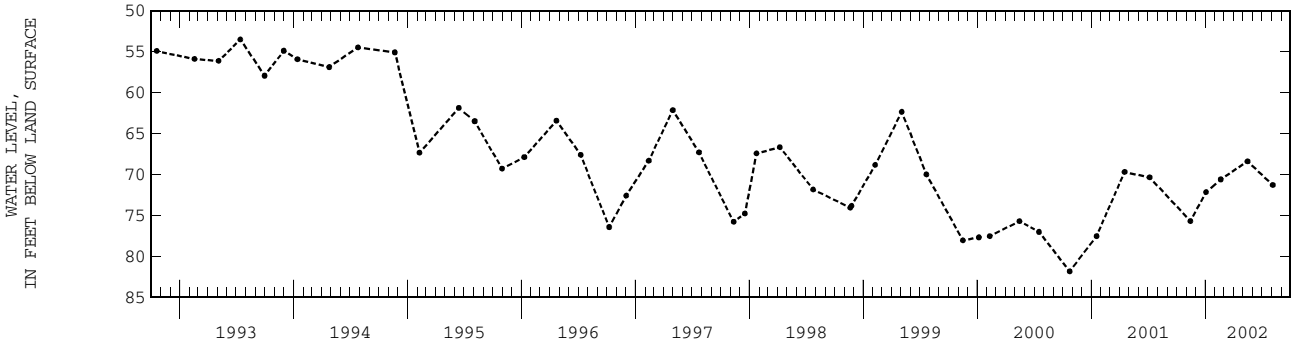
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-870, Site ID 302729091100601.
LOCATION.--Lat 30°27'29", long 91°10'06", Hydrologic Unit 08070201, Sec. 44, T. 7S, R. 1W.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 692 ft, screened 687-692, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, at land-surface datum.
PERIOD OF RECORD.--1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.33 ft below land-surface datum, July 10, 1990; lowest recorded, 142.48 ft below land-surface datum, Oct. 5, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	75.70	JAN 03	72.17	FEB 19	70.61	MAY 16	68.41	AUG 05	71.30

WATER YEAR 2002 HIGHEST 68.41 MAY 16, 2002 LOWEST 75.70 NOV 14, 2001

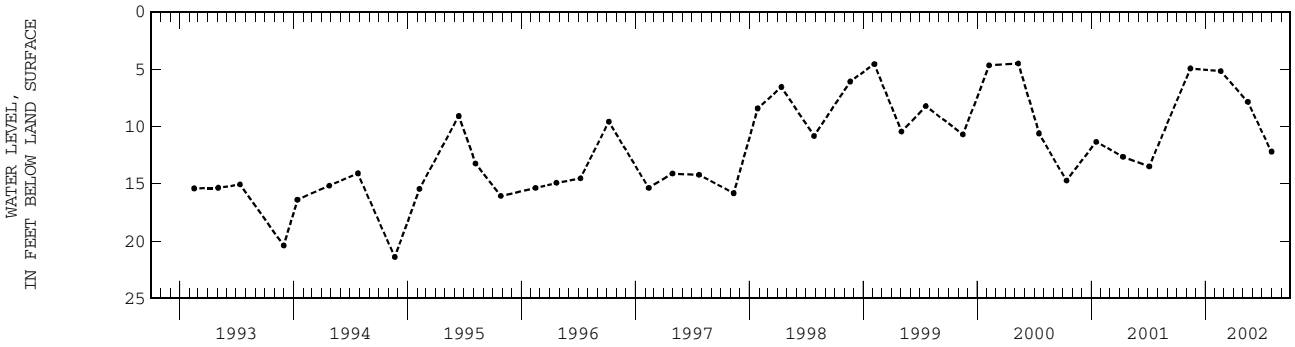


LOCAL NUMBER.--EB-896, Site ID 303905090583301.
LOCATION.--Lat 30°39'05", long 90°58'33", Hydrologic Unit 08070202, Sec. 51, T. 4S, R. 2E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 82 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, at land-surface datum.
PERIOD OF RECORD.--1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.52 ft below land-surface datum, May 11, 2000; lowest recorded, 21.40 ft below land-surface datum, Nov 21, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	4.95	FEB 19	5.19	MAY 17	7.88	AUG 01	12.21

WATER YEAR 2002 HIGHEST 4.95 NOV 14, 2001 LOWEST 12.21 AUG 01, 2002



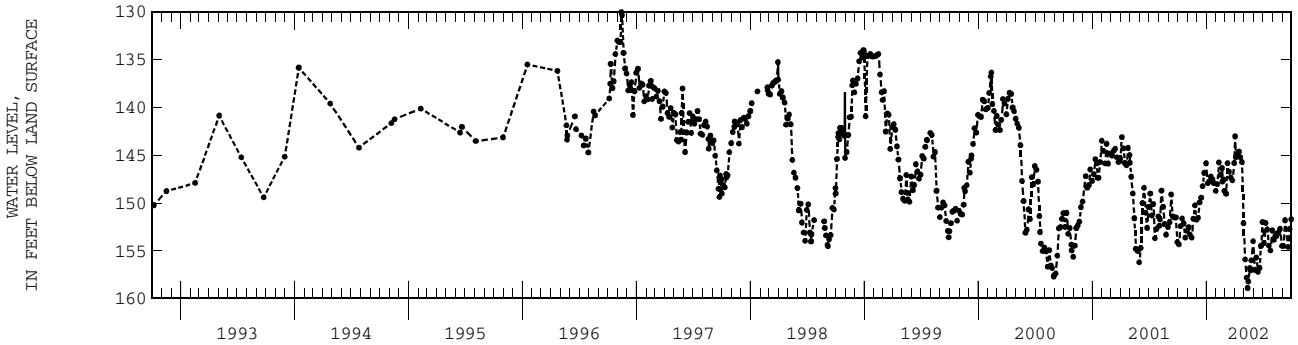
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-917, Site ID 302614091083001.
LOCATION.--Lat 30°26'14", long 91°08'30", Hydrologic Unit 08070202, Sec. 95, T. 7S, R. 1E.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 1,736 ft, screened 1,731-1,736, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 46.56 ft above NGVD of 1929. Measuring point: File notches in N. side of PVC casing, 4.28 ft above land-surface datum.
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 116.98 ft below land-surface datum, Apr. 10, 1978; lowest recorded, 158.90 ft below land-surface datum, May 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	154.32	DEC 10	149.94	FEB 15	147.04	APR 10	144.92	JUN 05	156.99	AUG 10	153.46
10	152.42	15	149.44	20	146.34	15	144.62	10	155.69	13	153.46
15	151.62	20	148.24	21	147.76	20	145.21	15	157.19	15	153.20
20	152.13	25	146.84	25	147.54	25	145.71	20	156.79	20	153.10
25	153.63	31	145.84	28	148.74	30	152.11	25	154.48	25	152.70
31	152.93	JAN 05	147.94	MAR 05	149.03	MAY 05	155.91	30	151.98	31	154.50
NOV 05	152.53	10	147.74	10	145.83	10	157.81	JUL 05	154.18	SEP 05	154.50
10	153.33	15	147.24	15	146.73	13	158.90	10	152.08	10	151.80
15	153.63	20	147.54	20	147.33	15	158.20	15	152.77	20	154.60
20	151.64	25	147.94	25	147.63	20	156.80	20	154.47	25	152.70
25	150.24	31	148.74	31	145.83	23	157.03	25	154.97	30	151.70
30	151.74	FEB 05	148.04	APR 03	143.02	25	156.00	31	152.87		
DEC 05	151.54	10	145.74	05	145.22	31	154.00	AUG 05	153.86		

WATER YEAR 2002 HIGHEST 143.02 APR 03, 2002 LOWEST 158.90 MAY 13, 2002

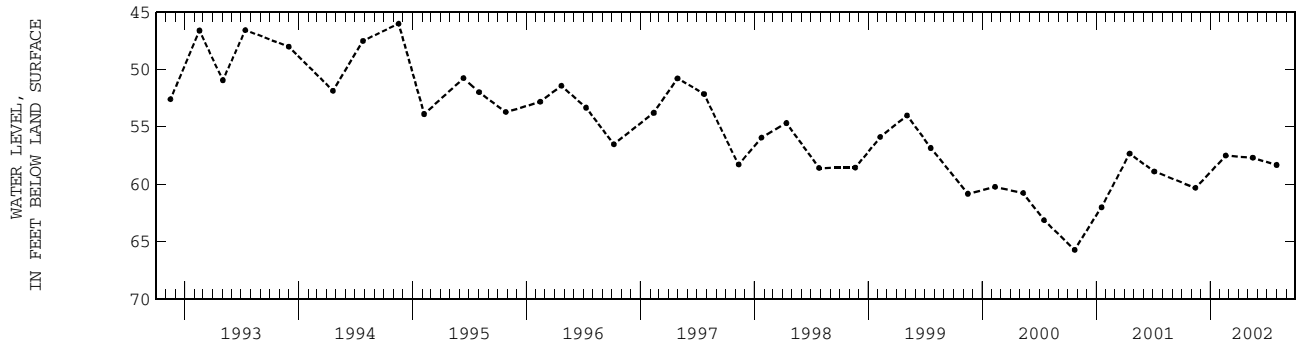


LOCAL NUMBER.--EB-933, Site ID 302955091060601.
LOCATION.--Lat 30°29'55", long 91°06'06", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.
OWNER.--U.S. Geological Survey.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 603 ft, screened 592-603, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 51 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 1.30 ft above land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.67 ft below land-surface datum, July 11, 1991; lowest recorded, 67.84 ft below land-surface datum, Nov. 18, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	60.32	FEB 19	57.50	MAY 17	57.68	AUG 01	58.32

WATER YEAR 2002 HIGHEST 57.50 FEB 19, 2002 LOWEST 60.32 NOV 14, 2001

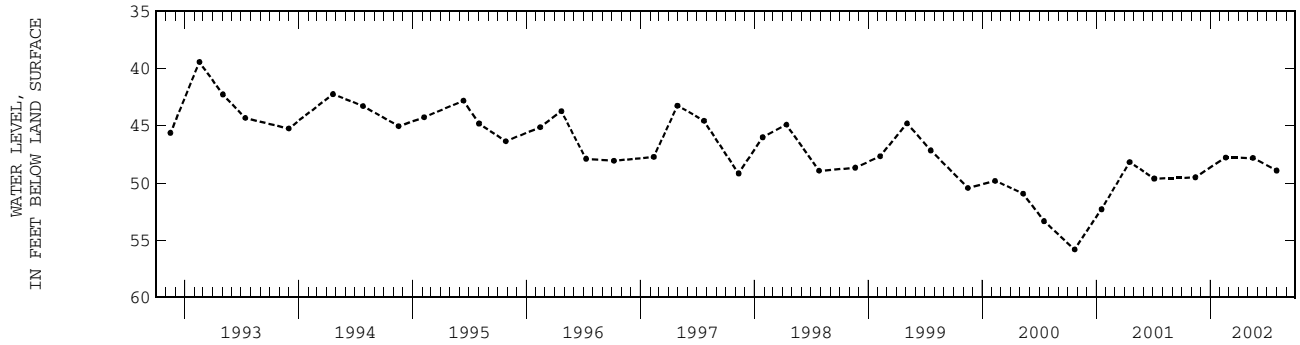


LOCAL NUMBER.--EB-934, Site ID 302955091060501.
LOCATION.--Lat 30°29'55", long 91°06'05", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.
OWNER.--U.S. Geological Survey.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 385 ft, screened 372-385, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 51 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 1.10 ft above land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.55 ft below land-surface datum, July 11, 1991; lowest recorded, 55.98 ft below land-surface datum, Nov. 18, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	49.51	FEB 19	47.78	MAY 17	47.82	AUG 01	48.92

WATER YEAR 2002 HIGHEST 47.78 FEB 19, 2002 LOWEST 49.51 NOV 14, 2001

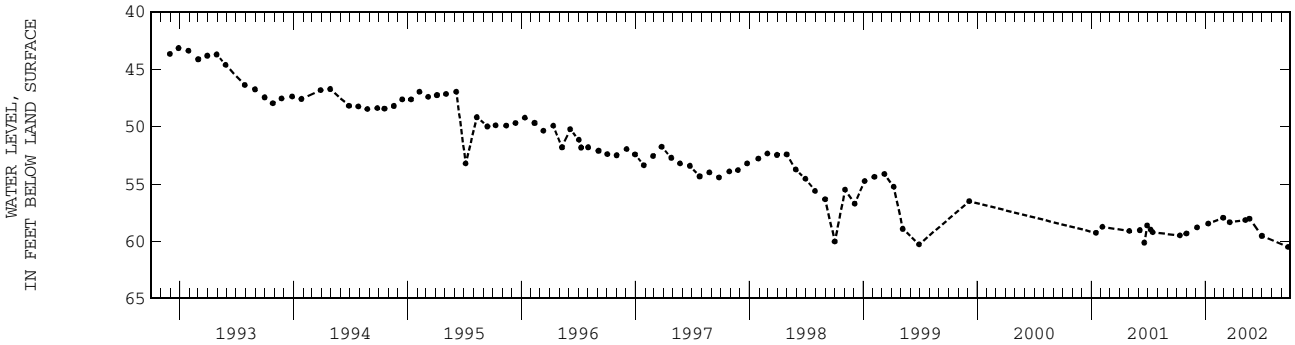


LOCAL NUMBER.--EB-944, Site ID 302932091101901.
LOCATION.--Lat 30°29'32", long 91°10'19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.
OWNER.--U.S. Geological Survey.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 2,792 ft, screened 2,787-2,792, casing diameter 4 and 2 in.
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Right-center edge of 2-in. tee, 1.63 ft above land-surface datum.
PERIOD OF RECORD.--1975 to 1999.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.53 ft below land-surface datum, Feb. 4, 1975; lowest recorded, 60.27 ft below land-surface datum, June 28, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	59.49	DEC 05	58.79	FEB 27	57.95	MAY 09	58.15	JUL 01	59.53		
NOV 01	59.32	JAN 10	58.46	MAR 20	58.34	22	58.03	SEP 23	60.50		

WATER YEAR 2002 HIGHEST 57.95 FEB 27, 2002 LOWEST 60.50 SEP 23, 2002

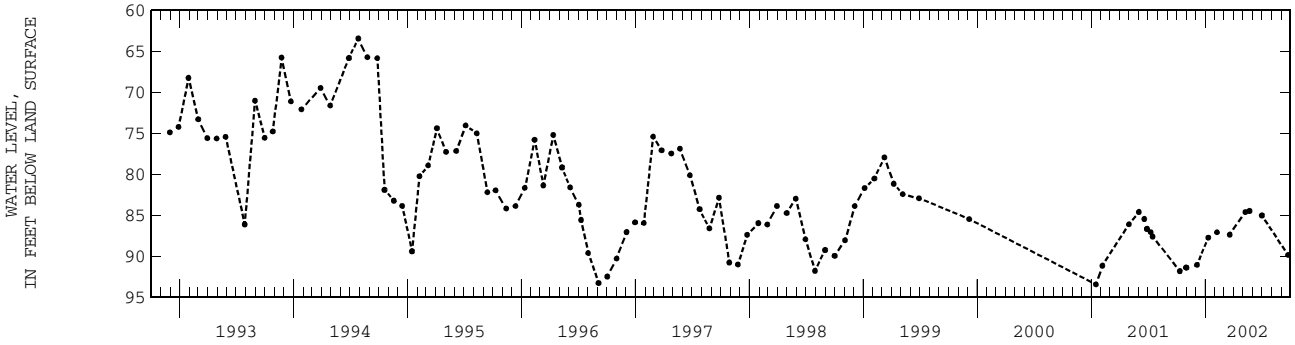


LOCAL NUMBER.--EB-945, Site ID 302932091101902.
LOCATION.--Lat 30°29'32", long 91°10'19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.
OWNER.--U.S. Geological Survey.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 654 ft, screened 644-654, casing diameter 4 and 2 in.
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Right-center edge of 2-in. tee, 2.27 ft above land-surface datum.
PERIOD OF RECORD.--1975 to 1999.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.09 ft below land-surface datum, July 9, 1990; lowest recorded, 158.05 ft below land-surface datum, Aug. 26, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	91.85	NOV 01	91.43	JAN 10	87.75	MAR 20	87.39	MAY 22	84.50	SEP 23	89.88
31	91.40	DEC 05	91.08	FEB 07	87.11	MAY 09	84.63	JUL 01	85.05		

WATER YEAR 2002 HIGHEST 84.50 MAY 22, 2002 LOWEST 91.85 OCT 11, 2001



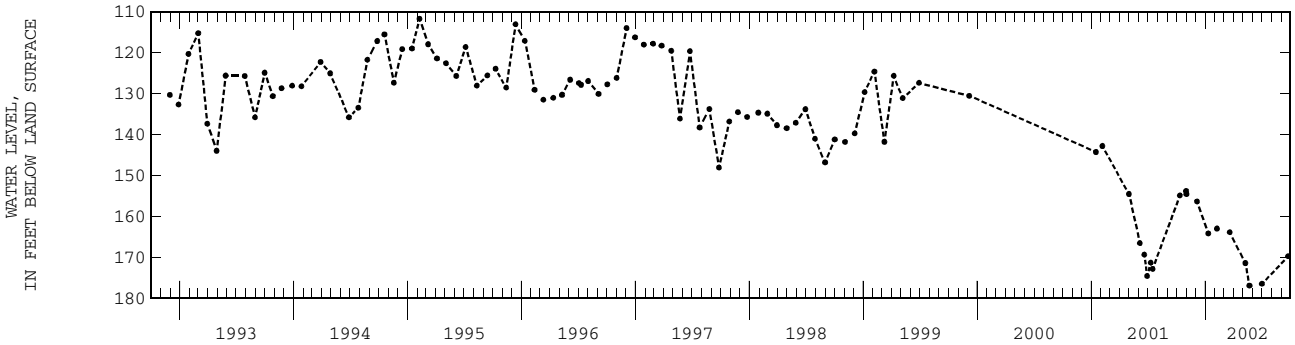
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-946, Site ID 302932091101903.
LOCATION.--Lat 30°29'32", long 91°10'19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.
OWNER.--U.S. Geological Survey.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,234 ft, screened 1,224-1,234, casing diameter 4 and 2 in.
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Right-center edge of 2-in. tee, 2.02 ft above land-surface datum.
PERIOD OF RECORD.--1975 to 1999.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 97.73 ft below land-surface datum, June 2, 1992; lowest recorded, 193.08 ft below land-surface datum, Oct. 2, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	154.82	NOV 01	154.52	JAN 10	164.12	MAR 20	163.80	MAY 22	176.83	SEP 23	169.68
31	153.71	DEC 05	156.29	FEB 07	162.90	MAY 09	171.33	JUL 01	176.40		

WATER YEAR 2002 HIGHEST 153.71 OCT 31, 2001 LOWEST 176.83 MAY 22, 2002

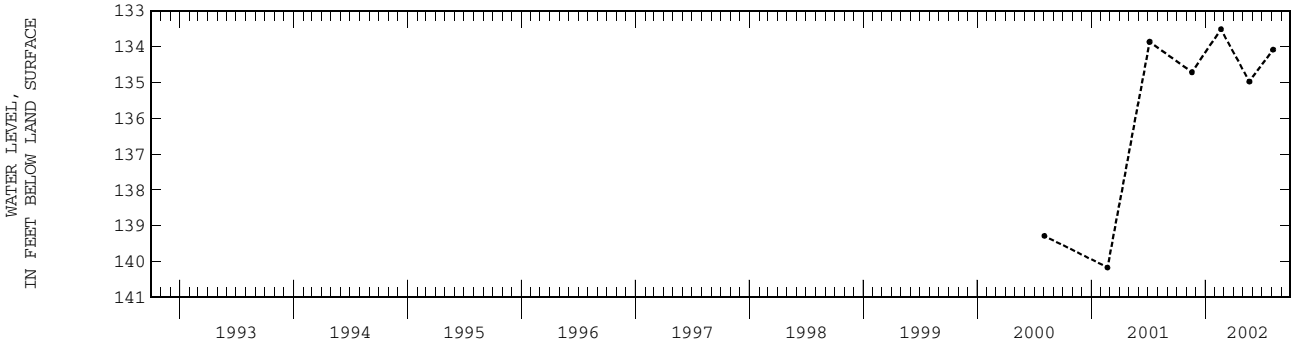


LOCAL NUMBER.--EB-996, Site ID 303149091093301.
LOCATION.--Lat 30°31'49", long 91°09'33", Hydrologic Unit 08070202, Sec. 77, T. 6S, R. 1W.
OWNER.--Baton Rouge Airport District.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 1,374 ft, screened 1,274-1374, casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: 1-in. hole on E. side of well casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1968, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.00 ft below land-surface datum, Dec. 7, 1968; lowest recorded, 140.17 ft below land-surface datum, Feb. 21, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	134.72	FEB 20	133.52	MAY 22	134.98	AUG 06	134.09

WATER YEAR 2002 HIGHEST 133.52 FEB 20, 2002 LOWEST 134.98 MAY 22, 2002

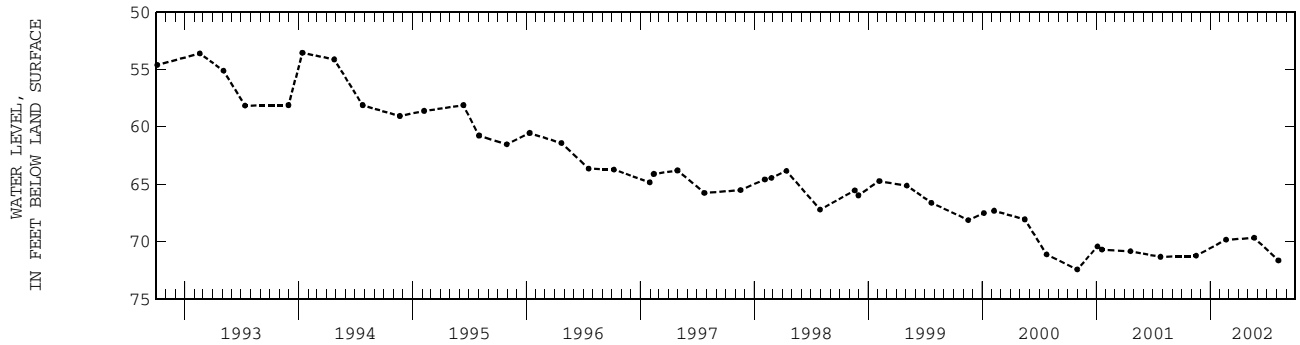


LOCAL NUMBER.--EB-1000, Site ID 303251091115001.
LOCATION.--Lat 30°32'51", long 91°11'50", Hydrologic Unit 08070202, Sec. 69, T. 6S, R. 1W.
OWNER.--U.S. Geological Survey.
AQUIFER.--"2,800-foot sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 2,926 ft, screened 2,916-2,926, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 68 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.15 ft below land-surface datum, Apr. 22, 1985; lowest recorded, 72.44 ft below land-surface datum, Oct. 31, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	71.24	FEB 20	69.84	MAY 21	69.67	AUG 07	71.64

WATER YEAR 2002 HIGHEST 69.67 MAY 21, 2002 LOWEST 71.64 AUG 07, 2002

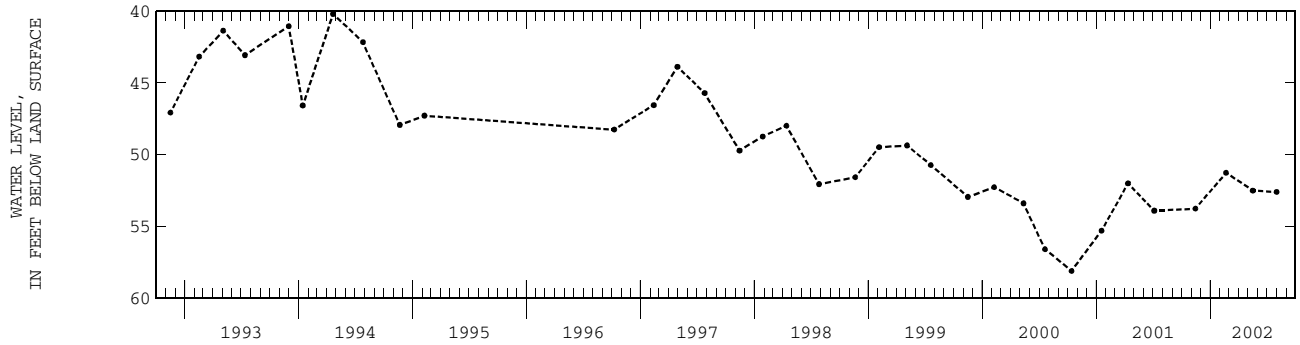


LOCAL NUMBER.--EB-1019, Site ID 302919091020501.
LOCATION.--Lat 30°29'19", long 91°02'05", Hydrologic Unit 08070202, Sec. 52, T. 6S, R. 2E.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 700 ft, screened 690-700, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 49 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, at land-surface datum.
PERIOD OF RECORD.--1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.70 ft below land-surface datum, Apr. 12, 1983; lowest recorded, 58.12 ft below land-surface datum, Oct. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	53.77	FEB 20	51.27	MAY 17	52.51	AUG 01	52.60

WATER YEAR 2002 HIGHEST 51.27 FEB 20, 2002 LOWEST 53.77 NOV 14, 2001



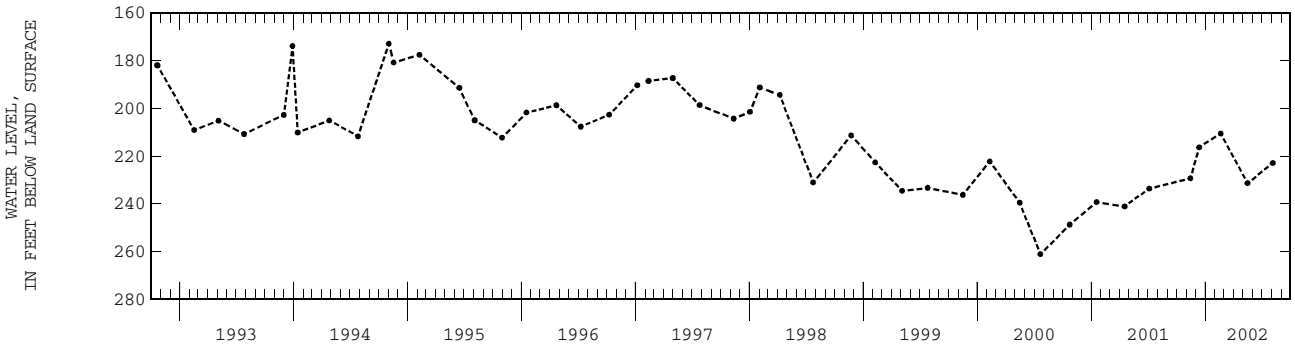
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-1028, Site ID 302605091100901.
LOCATION.--Lat 30°26'05", long 91°10'09", Hydrologic Unit 08070202, Sec. 53, T. 7S, R. 1W.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,238 ft, screened 2,223-2,238, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 40 ft above NGVD of 1929. Measuring point: Top edge of 1-in. airline, 0.30 ft below land-surface datum.
PERIOD OF RECORD.--1981-88, 1991 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 172.99 ft below land-surface datum, Nov. 2, 1994; lowest recorded, 261.17 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14	229.38	DEC 12	216.39	FEB 19	210.64	MAY 16	231.44	AUG 05	223.00

WATER YEAR 2002 HIGHEST 210.64 FEB 19, 2002 LOWEST 231.44 MAY 16, 2002

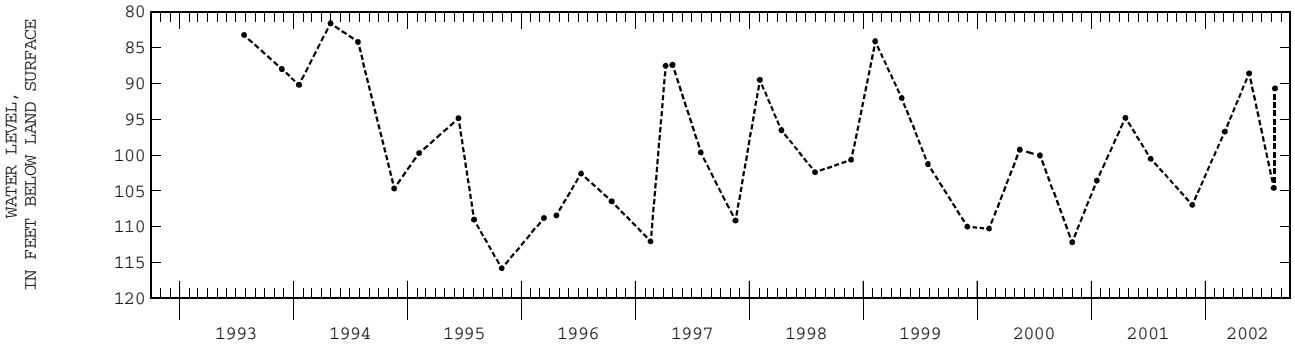


LOCAL NUMBER.--EB-1234, Site ID 303853091165801.
LOCATION.--Lat 30°38'53", long 91°16'58", Hydrologic Unit 08070201, Sec. 39, T. 5S, R. 2W.
AQUIFER.--"400 and 600-foot" sands of Baton Rouge area of Pleistocene age (11205BR).
WELL CHARACTERISTICS.--Depth 250 ft, screened 210-250, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1990, 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.63 ft below land-surface datum, Apr. 29, 1994; lowest recorded, 115.82 ft below land-surface datum, Oct. 30, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	106.97	MAR 04	96.74	MAY 21	88.62	AUG 08	104.61	AUG 12	90.71

WATER YEAR 2002 HIGHEST 90.71 AUG 12, 2002 LOWEST 106.97 NOV 20, 2001

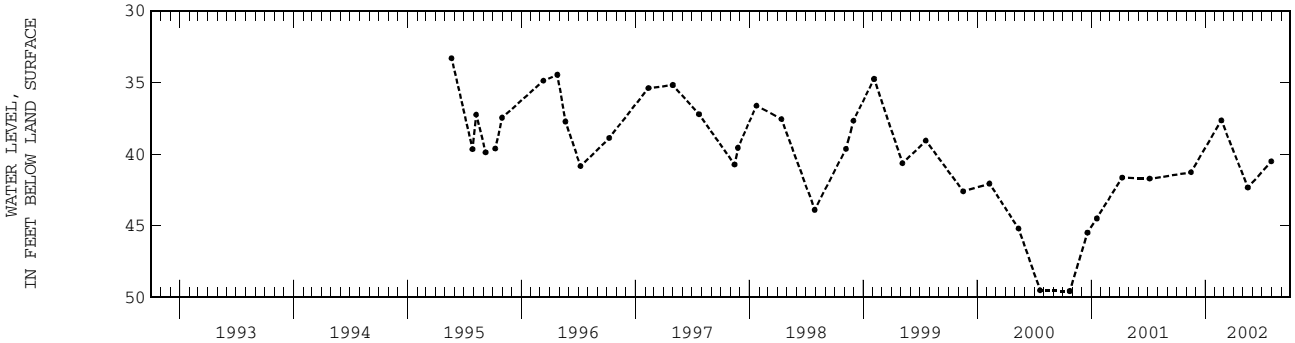


LOCAL NUMBER.--EB-1264, Site ID 302543091015001.
LOCATION.--Lat 30°25'43", long 91°01'50", Hydrologic Unit 08070202, Sec. 20, T. 7S, R. 2E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 498 ft, screened 488-498, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 38 ft above NGVD of 1929. Measuring point: Top of 2-in. collar, at land-surface datum.
PERIOD OF RECORD.--1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.32 ft below land-surface datum, May 22, 1995; lowest recorded, 49.57 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	41.28	FEB 21	37.66	MAY 17	42.34	JUL 31	40.52

WATER YEAR 2002 HIGHEST 37.66 FEB 21, 2002 LOWEST 42.34 MAY 17, 2002

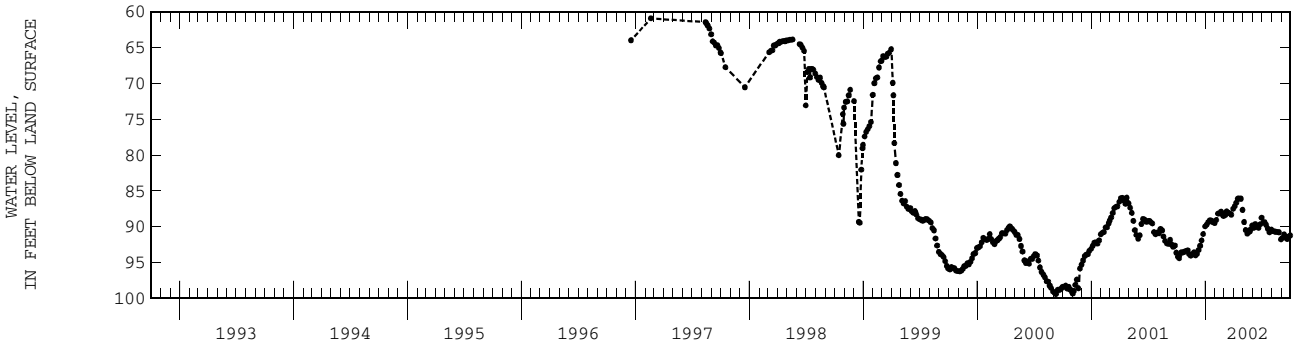


LOCAL NUMBER.--EB-1274, Site ID 302642091083401.
LOCATION.--Lat 30°26'42", long 91°08'34", Hydrologic Unit 08070202, Sec. 81, T. 7S, R. 1E.
AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).
WELL CHARACTERISTICS.--Depth 855 ft, screened 835-855, casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 44 ft above NGVD of 1929. Measuring point: Hole in gage house floor, 4.3 ft above land-surface datum.
PERIOD OF RECORD.--1997 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.93 ft below land-surface datum, Feb. 19, 1997; lowest recorded, 99.44 ft below land-surface datum, Sep. 8, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	94.20	DEC 03	93.67	FEB 05	89.08	APR 05	87.15	JUN 05	90.19	AUG 10	90.66
09	94.44	05	93.80	10	88.17	10	86.65	10	89.64	12	90.71
10	93.99	10	93.26	15	88.19	15	86.10	15	89.99	15	90.72
15	93.60	15	92.67	20	87.91	20	86.06	20	90.17	20	90.78
20	93.63	20	91.94	21	88.03	25	86.10	25	89.69	25	90.79
25	93.51	25	91.04	25	88.24	30	87.66	30	88.75	31	91.78
31	93.40	31	89.97	28	88.53	MAY 05	89.36	JUL 05	89.48	SEP 05	91.58
NOV 05	93.32	JAN 05	89.72	MAR 05	88.38	10	90.48	10	89.37	10	91.08
10	93.84	10	89.38	10	87.86	15	90.96	15	89.76	15	91.40
15	94.07	15	89.13	15	88.06	20	90.76	20	90.29	20	91.74
20	93.86	20	89.18	20	88.19	23	90.69	25	90.82	25	91.38
25	93.60	25	89.36	25	88.33	25	90.41	31	90.43	30	91.23
30	94.01	31	89.49	31	87.51	31	89.83	AUG 05	90.64		

WATER YEAR 2002 HIGHEST 86.06 APR 20, 2002 LOWEST 94.44 OCT 09, 2001



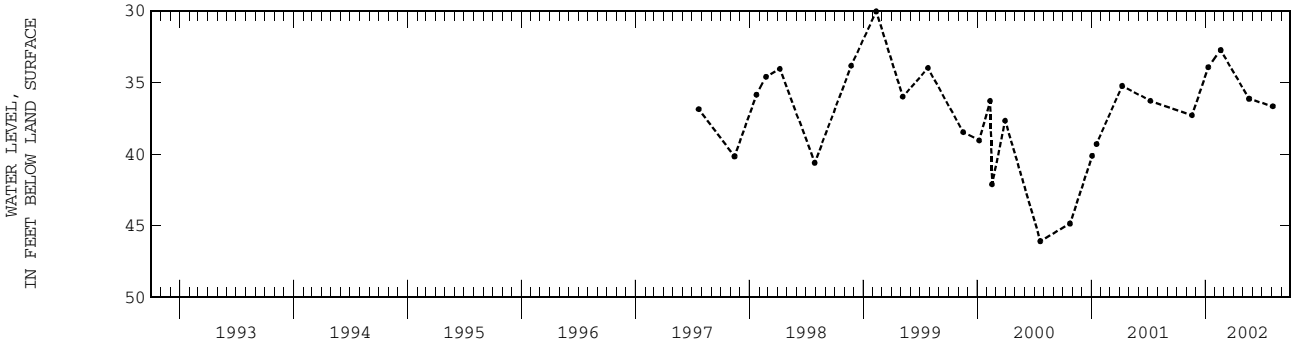
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-1278, Site ID 302501091052601.
LOCATION.--Lat 30°25'01", long 91°05'26", Hydrologic Unit 08070202, Sec. 39, T. 7S, R. 1E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 547 ft, screened 537-547, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 31 ft above NGVD of 1929. Measuring point: Top of 2-in. aluminum pipe, 3.17 ft above land-surface datum.
PERIOD OF RECORD.--1997 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.06 ft below land-surface datum, Feb. 11, 1999; lowest recorded, 46.09 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	37.31	JAN 10	33.95	FEB 19	32.76	MAY 21	36.15	AUG 05	36.68

WATER YEAR 2002 HIGHEST 32.76 FEB 19, 2002 LOWEST 37.31 NOV 19, 2001

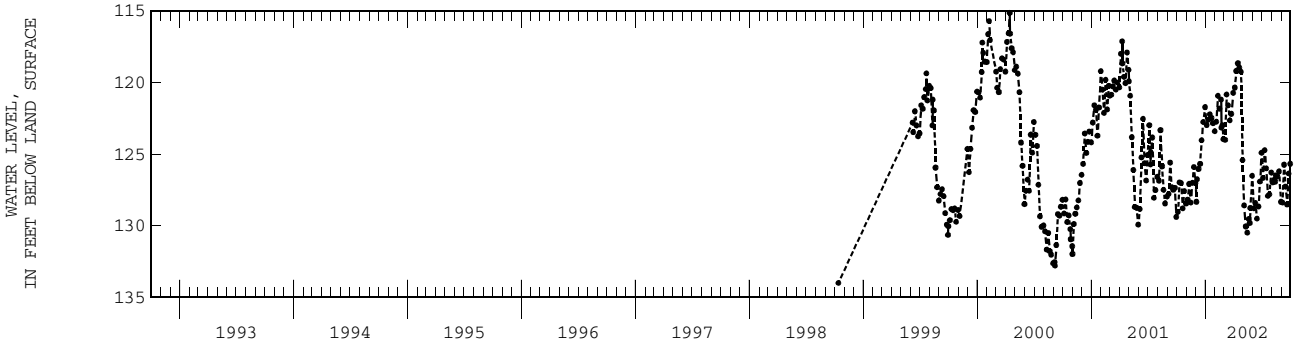


LOCAL NUMBER.--EB-1293, Site ID 302636091083802.
LOCATION.--Lat 30°26'36", long 91°08'38", Hydrologic Unit 08070202, Sec. 81, T. 7S, R. 1E.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 1,754 ft, screened 780-800, 825-865, and 1,620-1,744, casing diameter 18 to 10 in.
DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: Hole in 2 ½-in. cap after removing 3/4-in. nipple from marked cap, 4.82 ft above land-surface datum.
PERIOD OF RECORD.--1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 115.15 ft below land-surface datum, Apr. 14, 2000; lowest recorded, 134.00 ft below land-surface datum, Oct. 13, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	129.04	DEC 05	126.77	FEB 10	120.94	APR 10	119.21	JUN 10	128.43	AUG 12	126.93
10	126.98	10	126.04	15	121.84	15	118.67	15	129.51	15	126.49
15	127.03	15	125.69	20	121.21	20	118.97	20	128.67	20	126.56
20	128.80	20	124.04	21	123.17	25	119.27	25	126.92	25	126.22
25	127.59	25	122.77	25	122.99	30	125.43	30	124.91	31	128.34
31	128.45	31	121.73	28	123.97	MAY 05	128.59	JUL 05	126.67	SEP 05	128.40
NOV 05	128.19	JAN 05	122.98	MAR 05	124.02	10	130.06	10	124.74	10	125.75
10	127.09	10	122.61	10	120.85	15	130.50	15	126.01	15	127.27
15	128.40	15	122.24	15	121.61	20	129.54	20	127.93	20	128.52
20	127.01	20	122.49	20	122.66	23	129.82	25	127.82	25	126.37
25	125.91	25	122.85	25	122.20	25	128.77	31	126.30	30	125.68
30	127.03	31	123.42	31	120.74	31	126.52	AUG 05	126.99		
DEC 03	128.34	FEB 05	122.75	APR 05	120.37	JUN 05	128.80	10	126.80		

WATER YEAR 2002 HIGHEST 118.67 APR 15, 2002 LOWEST 130.50 MAY 15, 2002



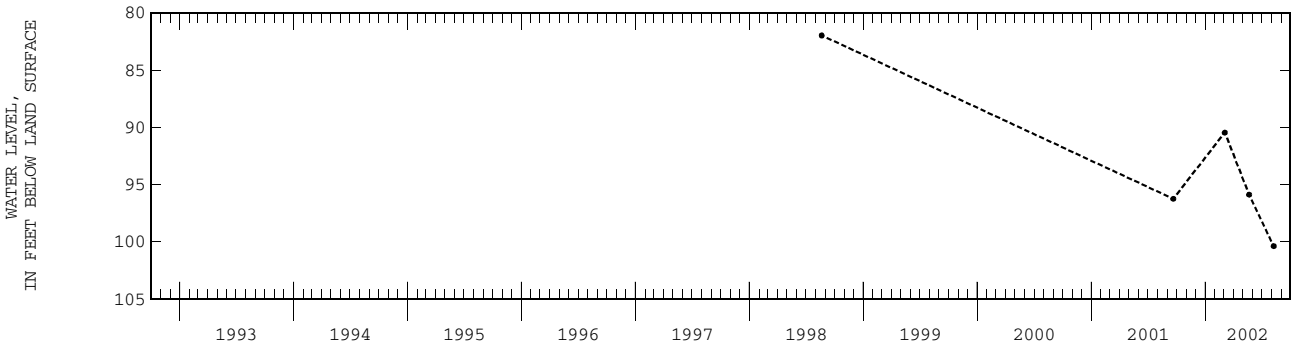
EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-1294, Site ID 303911091164001.
LOCATION.--Lat 30°39'11", long 91°16'40", Hydrologic Unit 08070201, Sec. 37, T. 4S, R. 2W.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 770 ft, screened 650-770, casing diameter 16 in.
DATUM.--Elevation of land surface datum is 90 ft above NGVD of 1929. Measuring point: Bottom of 2 ½-in. tee, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1982, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 82.0 ft below land-surface datum, Aug. 20, 1998; lowest recorded, 100.37 ft below land-surface datum, Aug. 8, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 04	90.47	MAY 21	95.88	AUG 08	100.37

WATER YEAR 2002 HIGHEST 90.47 MAR 04, 2002 LOWEST 100.37 AUG 08, 2002



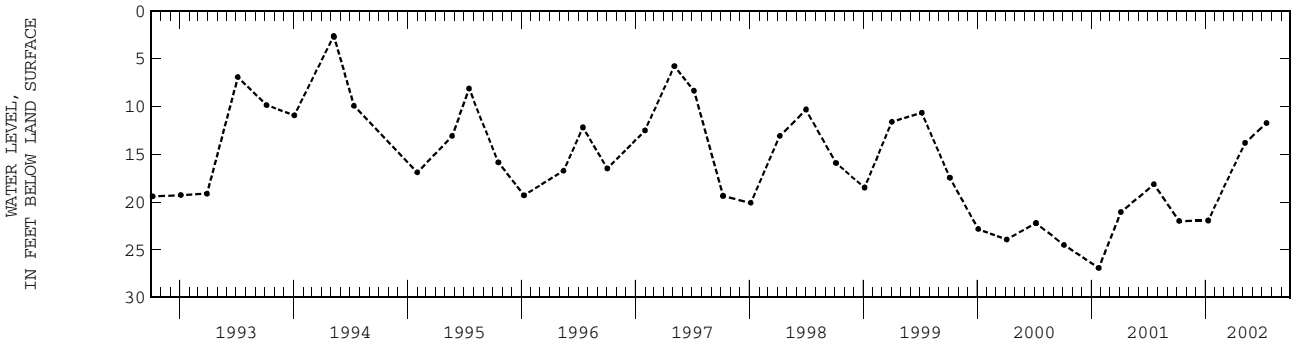
EAST CARROLL PARISH

LOCAL NUMBER.--EC-55, Site ID 324040091110801.
LOCATION.--Lat 32°40'40", long 91°11'08", Hydrologic Unit 08050003, Sec. 38, T.20N, R.12E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 114 ft, screened 74-114, casing diameter 12 in.
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: Hole in center of well cap, 0.05 ft below land-surface datum.
PERIOD OF RECORD.--1955, 1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.26 ft below land-surface datum, May 16, 1973; lowest recorded, 29.63 ft below land-surface datum, June 22, 1964.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	21.99	JAN 10	21.93	MAY 08	13.80	JUL 16	11.72

WATER YEAR 2002 HIGHEST 11.72 JUL 16, 2002 LOWEST 21.99 OCT 09, 2001



EAST CARROLL PARISH--Continued

LOCAL NUMBER.--EC-89, Site ID 325100091132401.
LOCATION.--Lat 32°51'00", long 91°13'24", Hydrologic Unit 08050003, Sec. 41, T.22N, R.12E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 335 ft, screened 330-335, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 106.05 ft above NGVD of 1929. Measuring point: Edge of 4-in. pipe, at land-surface datum.
PERIOD OF RECORD.--1955-87, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.53 ft below land-surface datum, May 14, 1958; lowest recorded, 23.81 ft below land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 08	18.47	JUL 10	23.81

WATER YEAR 2002 HIGHEST 18.47 MAY 08, 2002 LOWEST 23.81 JUL 10, 2002

LOCAL NUMBER.--EC-90, Site ID 325100091132402.
LOCATION.--Lat 32°51'00", long 91°13'24", Hydrologic Unit 08050003, Sec. 41, T.22N, R.12E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 88 ft, screened 83-88, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 106.05 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.
PERIOD OF RECORD.--1955-87, 1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.31 ft below land-surface datum, Mar. 22, 1973; lowest recorded, 24.50 ft below land-surface datum, Sep. 10, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 08	16.29	JUL 10	21.30

WATER YEAR 2002 HIGHEST 16.29 MAY 08, 2002 LOWEST 21.30 JUL 10, 2002

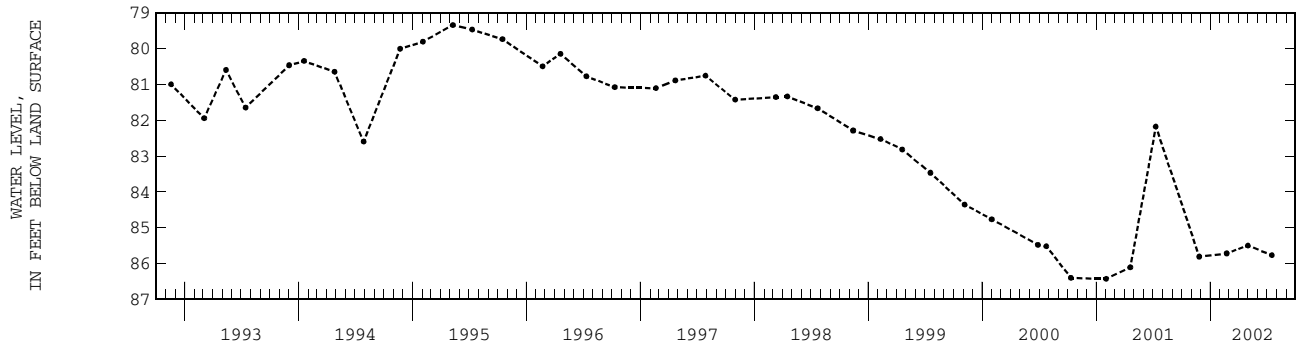
EAST FELICIANA PARISH

LOCAL NUMBER.--EF-61.
LOCATION.--Hydrologic Unit 08070202.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 305 ft, screened interval unknown, casing diameter 6 in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top edge of ½-in. hole in cover, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.76 ft below land-surface datum, May 16, 1961; lowest recorded, 88.69 ft below land-surface datum, Sep. 15, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	85.81	FEB 22	85.72	MAY 01	85.50	JUL 17	85.77

WATER YEAR 2002 HIGHEST 85.50 MAY 01, 2002 LOWEST 85.81 NOV 26, 2001

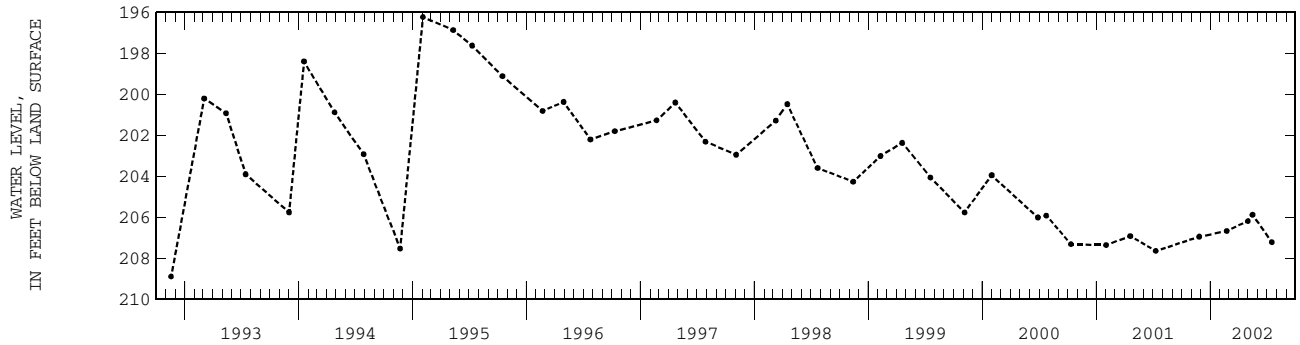


LOCAL NUMBER.--EF-185, Site ID 304959091093001.
LOCATION.--Lat 30°49'59", long 91°09'30", Hydrologic Unit 08070201, Sec. 45, T. 2S, R. 1E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,514 ft, screened 1,469-1,514, casing diameter 14 to 12 to 10 in.
DATUM.--Elevation of land surface datum is 228 ft above NGVD of 1929. Measuring point: Lower edge of 1-in. access pipe, 1.48 ft above land-surface datum.
PERIOD OF RECORD.--1961-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 118.54 ft below land-surface datum, May 16, 1961; lowest recorded, 216.95 ft below land-surface datum, Feb. 19, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	206.96	FEB 22	206.68	MAY 01	206.20	MAY 16	205.89	JUL 17	207.23

WATER YEAR 2002 HIGHEST 205.89 MAY 16, 2002 LOWEST 207.23 JUL 17, 2002

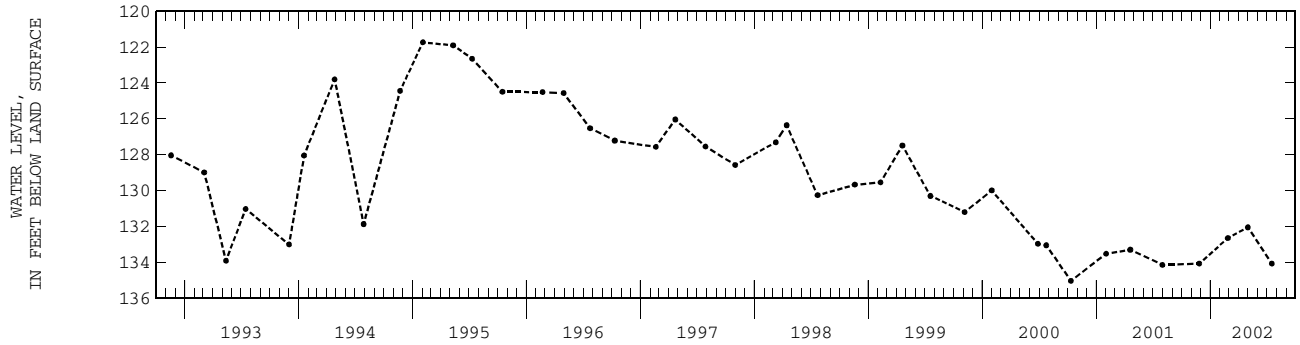


LOCAL NUMBER.--EF-223.
LOCATION.--Hydrologic Unit 08070202.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 2,000 ft, screened 1,935-2,000, casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 135 ft above NGVD of 1929. Measuring point: Top of galvanized tee, 2.63 ft above land-surface datum.
PERIOD OF RECORD.--1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.19 ft below land-surface datum, Aug. 6, 1964; lowest recorded, 141.72 ft below land-surface datum, Feb. 11, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	134.08	FEB 26	132.66	MAY 01	132.06	JUL 17	134.08

WATER YEAR 2002 HIGHEST 132.06 MAY 01, 2002 LOWEST 134.08 NOV 26, 2001 JUL 17, 2002



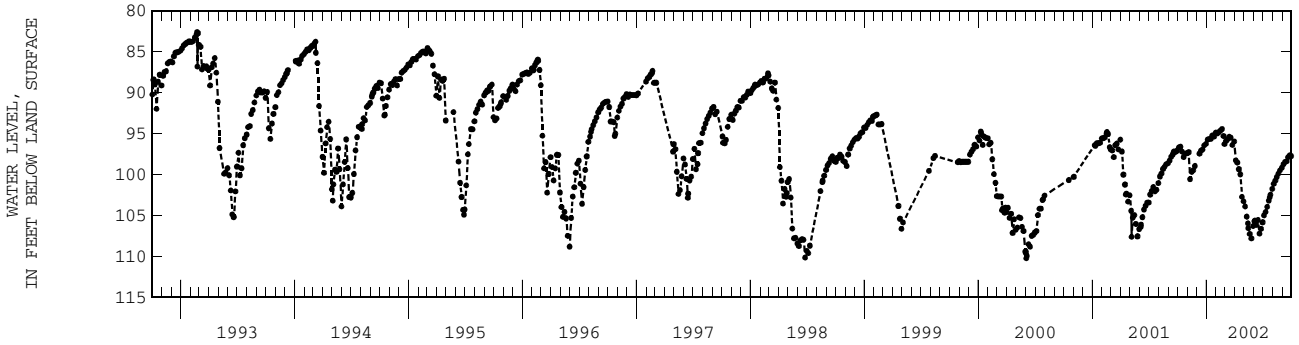
EVANGELINE PARISH

LOCAL NUMBER.--Ev-229, Site ID 304120092263001.
LOCATION.--Lat 30°41'20", long 92°26'30", Hydrologic Unit 08080201, Sec. 25, T. 4S, R. 1W.
AQUIFER.--Chicot aquifer, undifferentiated of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 231 ft, screened 149-231, casing diameter 18 to 12 in.
DATUM.--Elevation of land surface datum is 65.66 ft above NGVD of 1929. Measuring point: Hole in floor, back middle marked with blank ink, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.52 ft below land-surface datum, Apr. 18, 1951; lowest recorded, 110.24 ft below land-surface datum, June 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	96.69	DEC 15	97.09	FEB 20	94.45	APR 25	102.74	JUN 20	107.23	AUG 20	99.90
08	96.72	20	96.96	25	95.32	30	103.30	25	106.65	25	99.50
10	96.62	25	96.46	28	96.30	MAY 05	103.91	30	105.85	31	99.17
15	97.22	31	96.25	MAR 05	95.91	10	105.15	JUL 05	105.00	SEP 05	98.77
20	97.91	JAN 05	95.74	10	95.72	14	105.98	10	104.59	10	98.47
25	97.46	10	95.67	15	95.41	15	106.57	15	103.95	15	98.40
31	97.41	15	95.66	20	95.50	20	107.28	20	103.19	20	97.91
NOV 05	97.29	20	95.26	25	96.42	25	107.82	23	102.79	25	97.67
10	100.57	25	95.39	31	95.97	31	106.30	25	102.48	30	97.76
15	99.68	31	94.90	APR 05	98.29	JUN 04	105.73	31	101.77		
20	99.49	FEB 05	94.99	10	98.55	05	105.64	AUG 05	101.15		
25	98.97	10	94.83	15	99.36	10	106.16	10	100.75		
DEC 10	97.46	15	94.66	20	99.99	15	105.56	15	100.31		

WATER YEAR 2002 HIGHEST 94.45 FEB 20, 2002 LOWEST 107.82 MAY 25, 2002



LOCAL NUMBER.--Ev-425.
LOCATION.--Hydrologic Unit 08080201.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 738 ft, screened 667-738, casing diameter 12 3/4 in.
DATUM.--Elevation of land surface datum is 41.0 ft above NGVD of 1929. Measuring point: Access pipe on north side, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.4 ft below land-surface datum, Oct. 16, 1991; lowest recorded, 97.62 ft below land-surface datum, May 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 14	97.15	MAY 14	97.62

WATER YEAR 2002 HIGHEST 97.15 FEB 14, 2002 LOWEST 97.62 MAY 14, 2002

LOCAL NUMBER.--Ev-474.
LOCATION.--Hydrologic Unit 08080201.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 750 ft, screened 689-750, casing diameter 12 in.
DATUM.--Elevation of land surface datum is 40.0 ft above NGVD of 1929. Measuring point: Bottom lip of access pipe on west side, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.20 ft below land-surface datum, Apr. 24, 2001; lowest recorded, 101.32 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 14	95.83	MAY 14	99.03	JUL 23	101.32

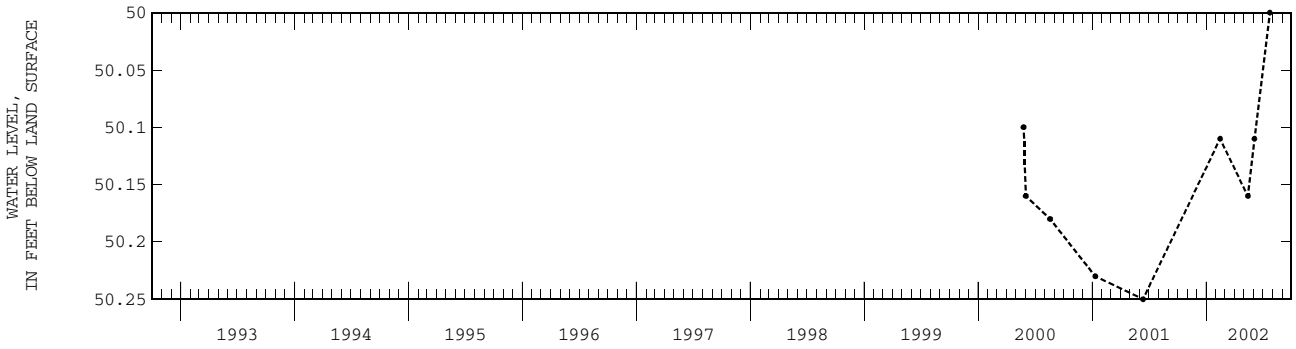
WATER YEAR 2002 HIGHEST 95.83 FEB 14, 2002 LOWEST 101.32 JUL 23, 2002

LOCAL NUMBER.--Ev-500, Site ID 305130092263601.
LOCATION.--Lat 30°51'30", long 92°26'36", Hydrologic Unit 08080201, Sec. 26, T.2S, R.1W.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 120 ft, screened 114-120, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 117.52 ft above NGVD of 1929. Measuring point: Lip of 4-in. casing, 0.8 ft above land-surface datum.
PERIOD OF RECORD.--1953-72, 1974-79, 1981, 1983, 1985, 1991, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.18 ft below land-surface datum, Oct. 31, 1953; lowest recorded, 50.25 ft below land-surface datum, June 12, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 14	50.11	MAY 14	50.16	JUN 04	50.11	JUL 23	50.00

WATER YEAR 2002 HIGHEST 50.00 JUL 23, 2002 LOWEST 50.16 MAY 14, 2002



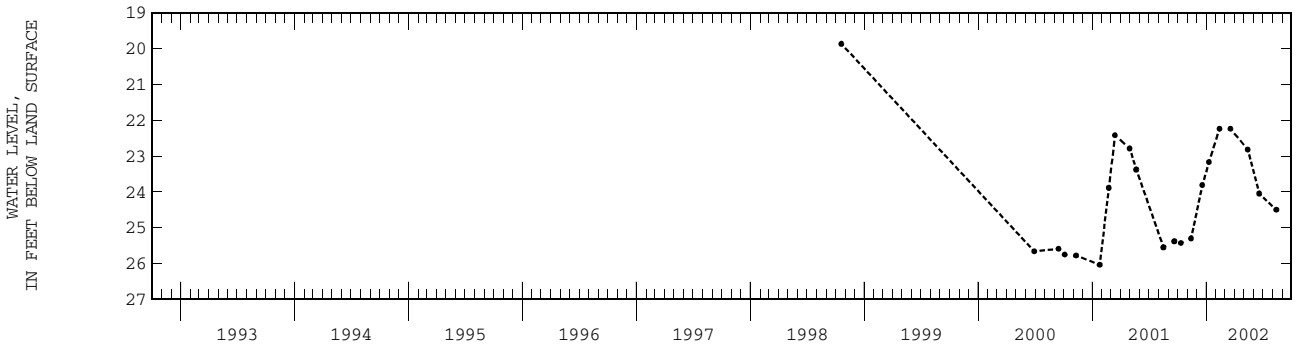
FRANKLIN PARISH

LOCAL NUMBER.--Fr-358, Site ID 322210091290901.
LOCATION.--Lat 32°22'10", long 91°29'09", Hydrologic Unit 08050002, Sec. 18, T.16N, R.10E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 127 ft, screened 124-127, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 85 ft above NGVD of 1929. Measuring point: File marks in top of bell reducer, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1975, 1998, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.70 ft below land-surface datum, July 25, 1975; lowest recorded, 26.04 ft below land-surface datum, Jan. 24, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	25.43	DEC 19	23.81	FEB 12	22.24	MAY 13	22.82	AUG 13	24.50		
NOV 13	25.30	JAN 09	23.17	MAR 19	22.24	JUN 19	24.05				

WATER YEAR 2002 HIGHEST 22.24 FEB 12, 2002 MAR 19, 2002 LOWEST 25.43 OCT 11, 2001

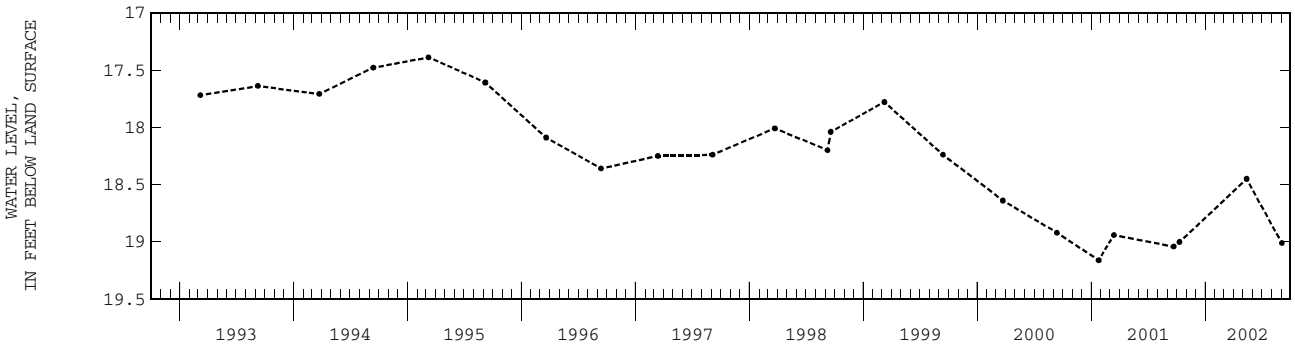


LOCAL NUMBER.--Fr-720, Site ID 320941091411301.
LOCATION.--Lat 32°09'41", long 91°41'13", Hydrologic Unit 08050001, Sec. 30, T.14N, R. 8E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 100 ft, screened 97-100, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 75 ft above NGVD of 1929. Measuring point: Top of pvc casing, 3.4 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.77 ft below land-surface datum, Apr 4, 2001; lowest recorded, 19.16 ft below land-surface datum, Jan. 24, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	19.00	MAY 13	18.45	SEP 03	19.01

WATER YEAR 2002 HIGHEST 18.45 MAY 13, 2002 LOWEST 19.01 SEP 03, 2002

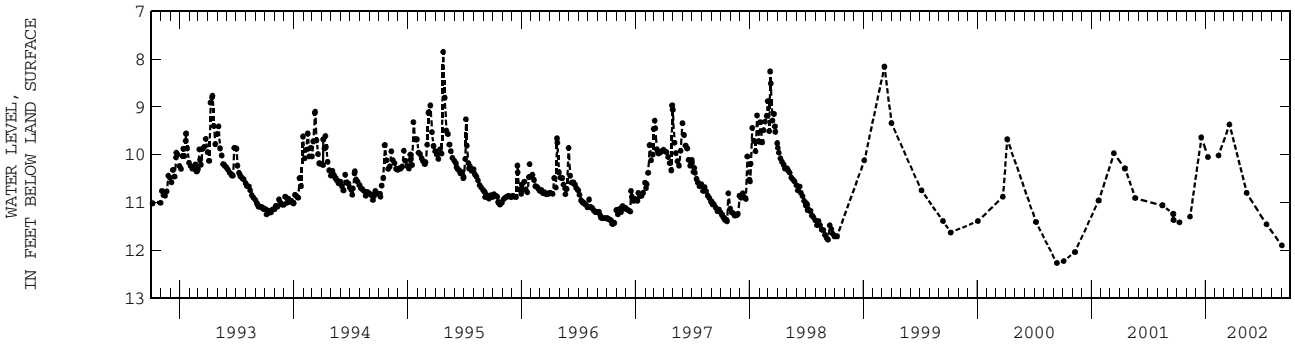


LOCAL NUMBER.--Fr-721, Site ID 320958091425501.
LOCATION.--Lat 32°09'58", long 91°42'55", Hydrologic Unit 08050001, Sec. 25, T.14N, R. 7E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 77 ft, screened 72-77, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.
PERIOD OF RECORD.--1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.16 ft below land-surface datum, May 9, 1991; lowest recorded, 12.27 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	11.42	DEC 19	9.64	FEB 12	10.02	MAY 13	10.80	SEP 03	11.90		
NOV 13	11.30	JAN 09	10.05	MAR 19	9.37	JUL 16	11.46				

WATER YEAR 2002 HIGHEST 9.37 MAR 19, 2002 LOWEST 11.90 SEP 03, 2002

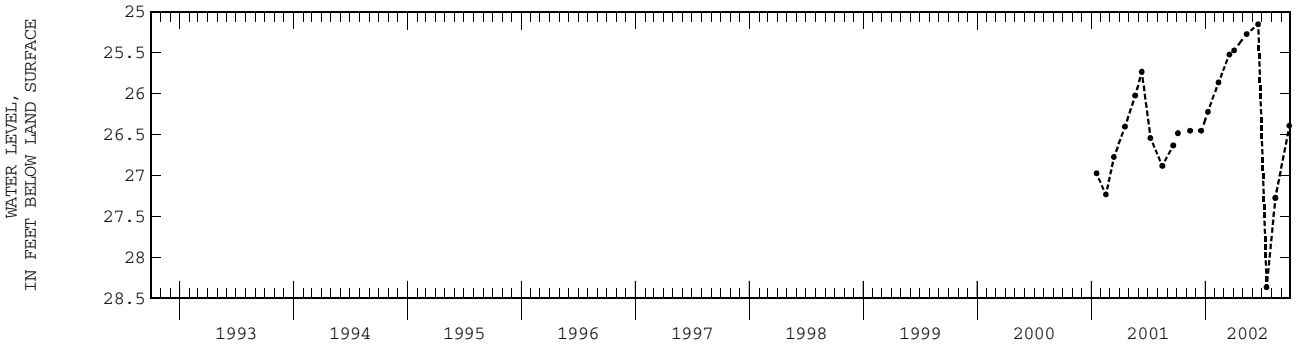


LOCAL NUMBER.--Fr-1092, Site ID 315716091493001.
LOCATION.--Lat 31°57'16", long 91°49'30", Hydrologic Unit 08050001, Sec. 11, T.11N, R. 6E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 80 ft, screened 60-80, casing diameter 10 in.
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Top of PVC coupling, 0.10 ft above land-surface datum.
PERIOD OF RECORD.--1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.00 ft below land-surface datum, June 12, 1992; lowest recorded, 27.23 ft below land-surface datum, Feb. 16, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	26.48	DEC 19	26.45	FEB 12	25.86	APR 03	25.47	JUN 19	25.15	AUG 13	27.27
NOV 13	26.45	JAN 09	26.22	MAR 19	25.52	MAY 13	25.27	JUL 16	28.36	SEP 27	26.39

WATER YEAR 2002 HIGHEST 25.15 JUN 19, 2002 LOWEST 28.36 JUL 16, 2002



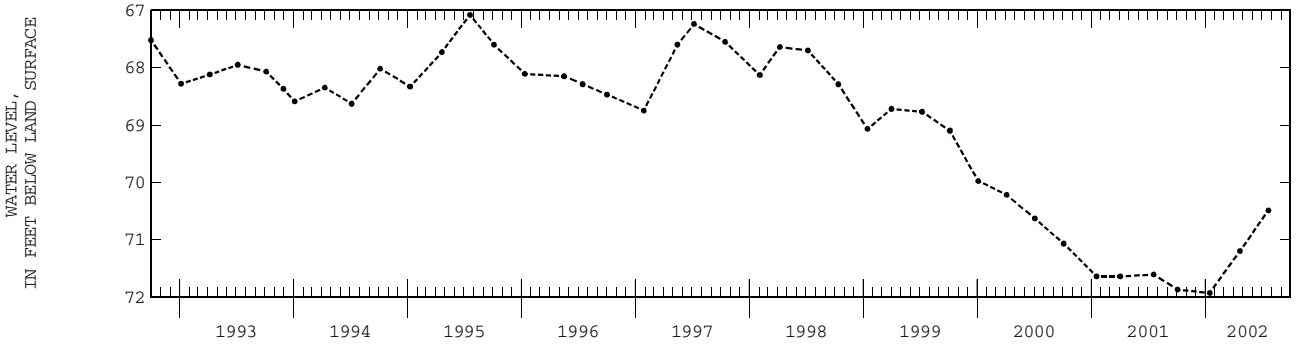
GRANT PARISH

LOCAL NUMBER.--G-127B, Site ID 312703092224801.
LOCATION.--Lat 31°27'03", long 92°22'48", Hydrologic Unit 08040304, Sec. 32, T. 6N, R. 1E.
AQUIFER.--Williana-Bentley aquifer of Pleistocene age (112WLBN).
WELL CHARACTERISTICS.--Depth 97 ft, screened 93-97, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 231.36 ft above NGVD of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.31 ft below land-surface datum, July 23, 1980; lowest recorded, 72.43 ft below land-surface datum, Jan. 25, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	71.87	JAN 15	71.93	APR 22	71.20	JUL 22	70.49

WATER YEAR 2002 HIGHEST 70.49 JUL 22, 2002 LOWEST 71.93 JAN 15, 2002



LOCAL NUMBER.--G-410, Site ID 313100092300403.
LOCATION.--Lat 31°31'00", long 92°30'04", Hydrologic Unit 11140207, Sec. 8, T. 6N, R. 1W.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 160 ft, screened 148-160, casing diameter 10 3/4 to 6 5/8 in.
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: Top edge of vent pipe, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1981, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 62.00 ft below land-surface datum, June 30, 1981; lowest recorded, 131.32 ft below land-surface datum, Aug. 19, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 25	92.68	AUG 19	91.26

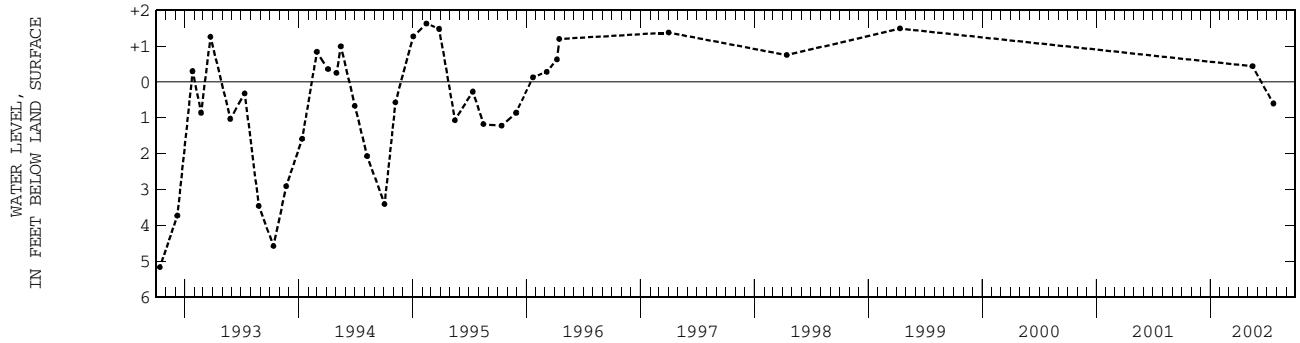
GRANT PARISH--Continued

LOCAL NUMBER.--G-448, Site ID 313234092435601.
LOCATION.--Lat 31°32'34", long 92°43'56", Hydrologic Unit 11140207, Sec. 36, T. 7N, R. 4W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 74 ft, screened 71-74, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 90 ft above NGVD of 1929. Measuring point: Top of bushing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1988-99, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.63 ft above land-surface datum, Feb. 14, 1995; lowest recorded, 19.87 ft below land-surface datum, Oct. 25, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 16	+.44	JUL 22	.60

WATER YEAR 2002 HIGHEST +.44 MAY 16, 2002 LOWEST .60 JUL 22, 2002



LOCAL NUMBER.--G-461.
LOCATION.--Hydrologic Unit 08040304.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 190 ft, screened 135-190, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: Bottom of lip of 2-in. coupling on east side, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.0 ft above land-surface datum (reported), Aug. 13, 1991; lowest recorded, 59.60 ft below land-surface datum, Aug. 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 03	58.35	AUG 14	59.60

WATER YEAR 2002 HIGHEST 58.35 APR 03, 2002 LOWEST 59.60 AUG 14, 2002

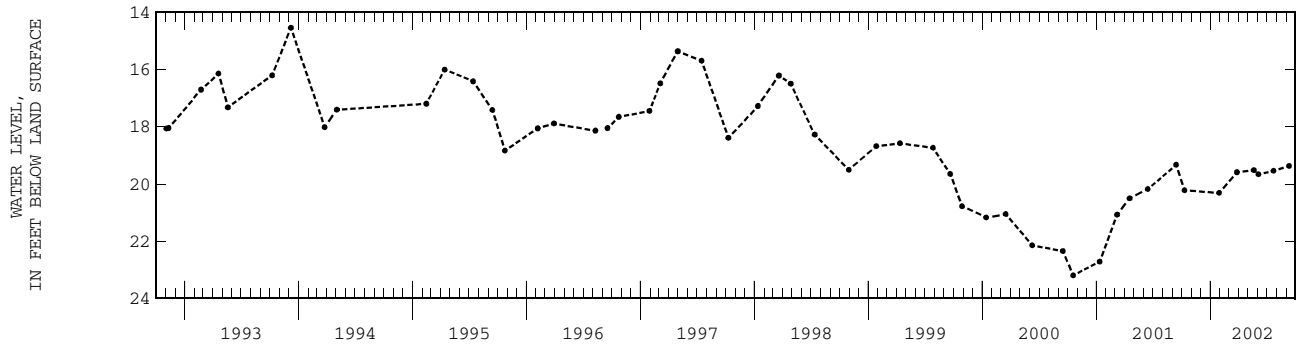
IBERIA PARISH

LOCAL NUMBER.--I-93, Site ID 300035091443301.
LOCATION.--Lat 30°00'35", long 91°44'33", Hydrologic Unit 08080102, Sec. 5, T. 12S, R. 7E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 585 ft, screened 580-585, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 18.53 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1965-83, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.55 ft below land-surface datum, Dec. 7, 1993; lowest recorded, 23.19 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	20.22	MAR 27	19.59	JUN 04	19.66	SEP 10	19.37				
JAN 29	20.31	MAY 20	19.52	JUL 22	19.54						

WATER YEAR 2002 HIGHEST 19.37 SEP 10, 2002 LOWEST 20.31 JAN 29, 2002



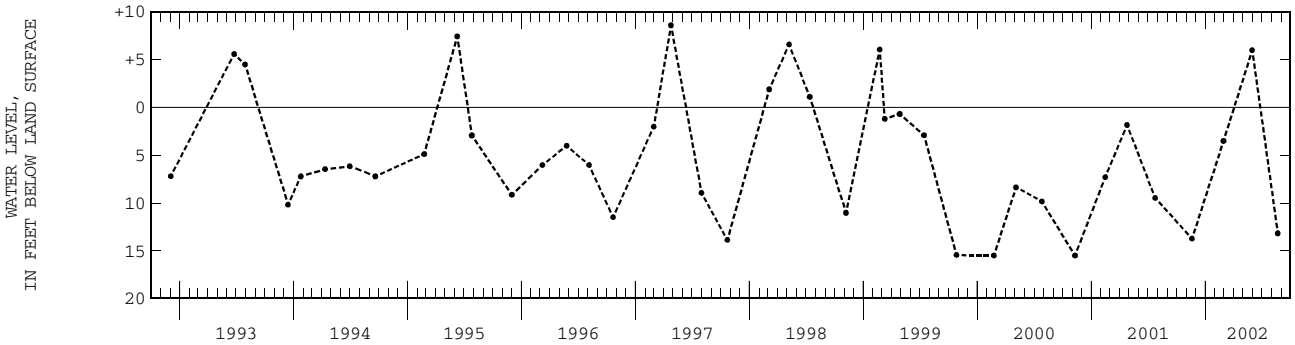
IBERVILLE PARISH

LOCAL NUMBER.--Ib-106, Site ID 301227091101301.
LOCATION.--Lat 30°12'27", long 91°10'13", Hydrologic Unit 08070300, Sec. 37, T.10S, R.13E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 608 ft, Screened 588-608, Casing diameter 3 in.
DATUM.--Elevation of land surface datum is 18.94 ft above NGVD of 1929. Measuring point: Top edge of ½-in. valve, at land-surface datum.
PERIOD OF RECORD.--1956-60, 1964, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.6 ft above land-surface datum, Apr. 24, 1997; lowest recorded, 15.51 ft below land-surface datum, Nov. 9, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	13.73	FEB 28	3.50	MAY 31	+6.00	AUG 21	13.17

WATER YEAR 2002 HIGHEST +6.00 MAY 31, 2002 LOWEST 13.73 NOV 19, 2001



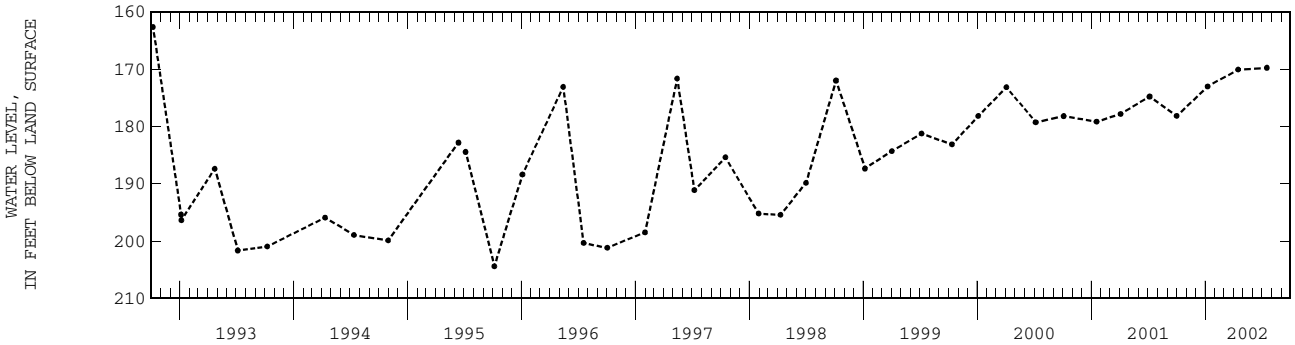
JACKSON PARISH

LOCAL NUMBER.--Ja-49, Site ID 321709092452401.
LOCATION.--Lat 32°17'09", long 92°45'24", Hydrologic Unit 08040303, Sec. 15, T.15N, R. 4W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 570 ft, screened 542-570, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 160.0 ft above NGVD of 1929. Measuring point: File mark on north side of top of casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1960 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 114.16 ft below land-surface datum, Jan. 2, 1961; lowest recorded, 204.42 ft below land-surface datum, Oct. 6, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	178.19	JAN 08	173.06	APR 16	170.11	JUL 17	169.79

WATER YEAR 2002 HIGHEST 169.79 JUL 17, 2002 LOWEST 178.19 OCT 01, 2001

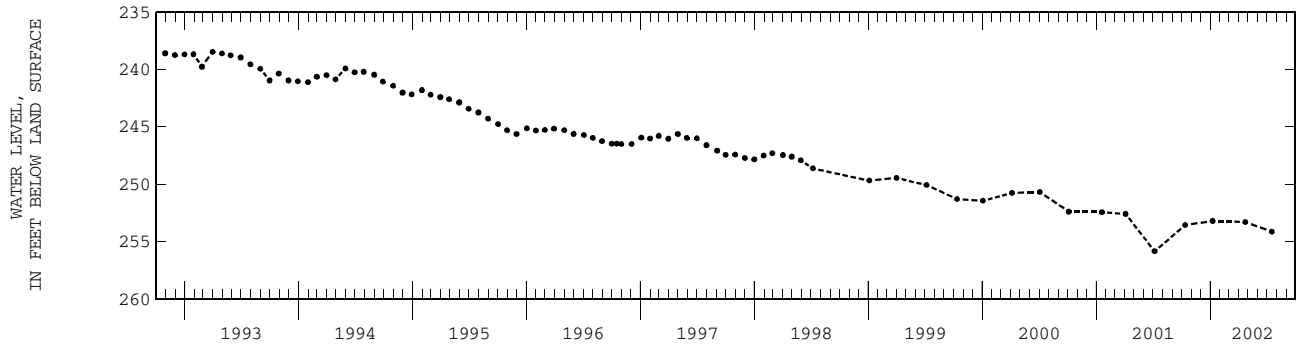


LOCAL NUMBER.--Ja-147, Site ID 322357092341701.
LOCATION.--Lat 32°23'57", long 92°34'17", Hydrologic Unit 08040302, Sec. 4, T.16N, R. 2W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 703 ft, screened 693-703, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: File mark on top of bushing, 3.18 ft above land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 209.06 ft below land-surface datum, May 14, 1975; lowest recorded, 255.84 ft below land-surface datum, July 6, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	253.56	JAN 08	253.20	APR 23	253.29	JUL 17	254.13

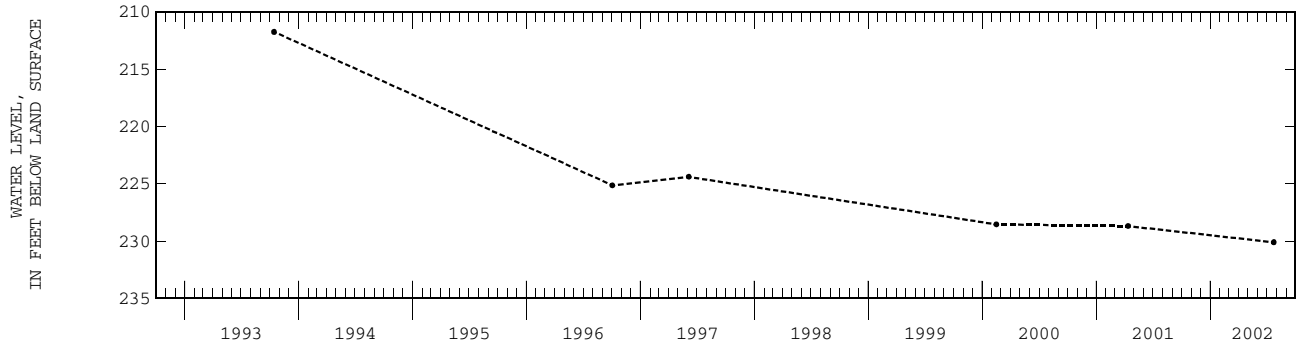
WATER YEAR 2002 HIGHEST 253.20 JAN 08, 2002 LOWEST 254.13 JUL 17, 2002



LOCAL NUMBER.--Ja-148, Site ID 321338092345801.
LOCATION.--Lat 32°13'38", long 92°34'58", Hydrologic Unit 08040303, Sec. 4, T.14N, R. 2W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 578 ft, screened 568-578, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 245 ft above NGVD of 1929. Measuring point: Two file marks on E side of top of bell reducer, 3.3 ft above land-surface datum.
PERIOD OF RECORD.--1975-87, 1989-90, 1993, 1996-97, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 206.58 ft below land-surface datum, Apr. 7, 1976; lowest recorded, 230.25 ft below land-surface datum, Oct. 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
JUL 23	230.11



LOCAL NUMBER.--Ja-149, Site ID 322433092412101.
LOCATION.--Lat 32°24'33", long 92°41'21", Hydrologic Unit 08040303, Sec. 4, T.16N, R. 3W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 478 ft, screened 468-478, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 195 ft above NGVD of 1929. Measuring point: Top of casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1975-87, 1989-90, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 154.78 ft below land-surface datum, May 13, 1975; lowest recorded, 191.67 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 23	190.38	JUL 23	191.67

WATER YEAR 2002 HIGHEST 190.38 APR 23, 2002 LOWEST 191.67 JUL 23, 2002

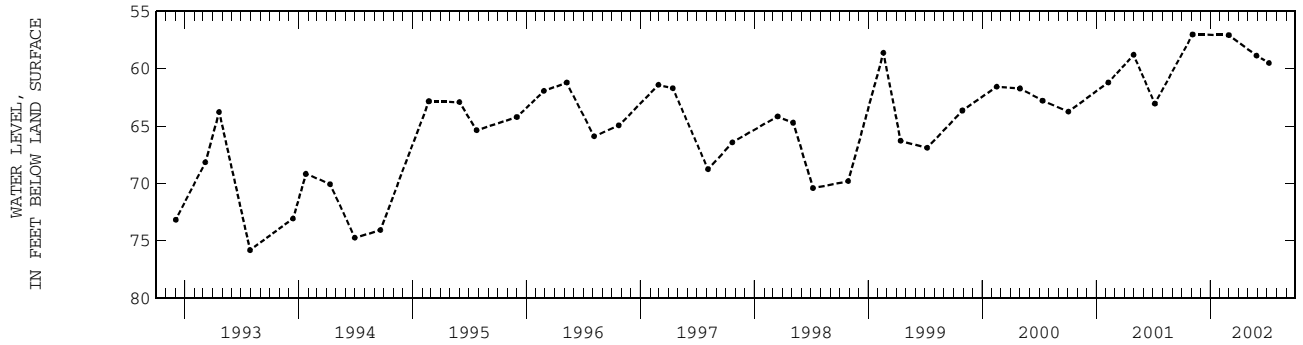
JEFFERSON PARISH

LOCAL NUMBER.--Jf-156.
LOCATION.--Hydrologic Unit 08090203.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 780 ft, screened 660-780, casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 9 ft above NGVD of 1929. Measuring point: Top of 4-in. plastic lining, 2.05 ft above land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.62 ft below land-surface datum, Feb. 18, 1999; lowest recorded, 94.34 ft below land-surface datum, Nov. 11, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	57.02	MAR 01	57.08	MAY 29	58.87	JUL 08	59.51

WATER YEAR 2002 HIGHEST 57.02 NOV 05, 2001 LOWEST 59.51 JUL 08, 2002

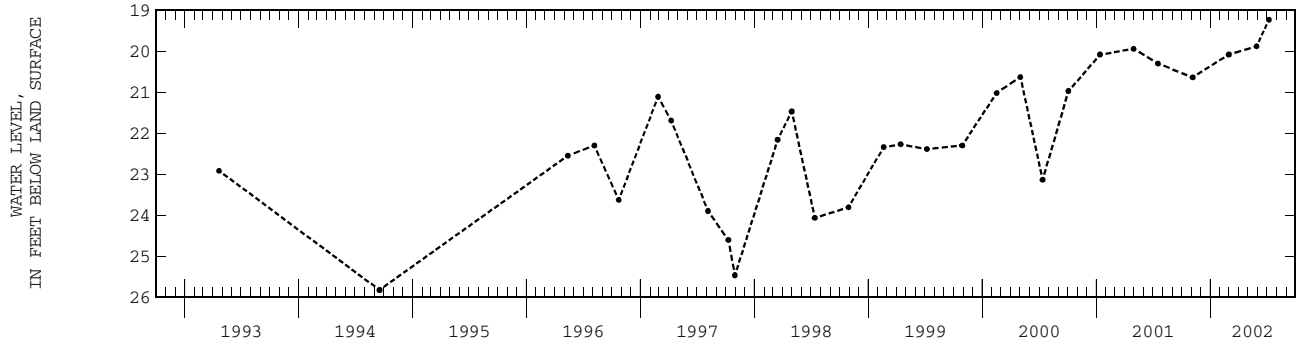


LOCAL NUMBER.--Jf-178, Site ID 300222090144601.
LOCATION.--Lat 30°02'22", long 90°14'46", Hydrologic Unit 08090203, Sec. 37, T.12S, R. 9E.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 700 ft, screened 660-700, casing diameter 12 to 6 to 4 in.
DATUM.--Elevation of land surface datum is at NGVD of 1929. Measuring point: Top of ½-in. pvc pipe in sanitary seal, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1984, 1987, 1993, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.94 ft below land-surface datum, Apr. 30, 2001; lowest recorded, 35.00 ft below land-surface datum, May 31, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	20.64	MAR 01	20.08	MAY 29	19.88	JUL 08	19.23

WATER YEAR 2002 HIGHEST 19.23 JUL 08, 2002 LOWEST 20.64 NOV 05, 2001



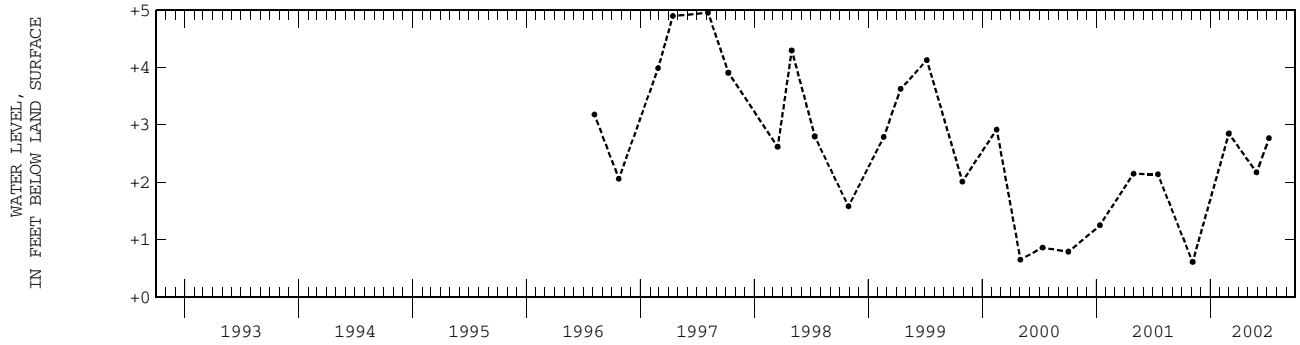
JEFFERSON PARISH--Continued

LOCAL NUMBER.--Jf-186, Site ID 300223090144601.
LOCATION.--Lat 30°02'23", long 90°14'46", Hydrologic Unit 08090203, Sec. 37, T.12S, R. 9E.
AQUIFER.--Norco aquifer of Pleistocene age (112NORC).
WELL CHARACTERISTICS.--Depth 325 ft, screened 315-325, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 5 ft below NGVD of 1929. Measuring point: Top of 2-in. casing, 6.1 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.96 ft above land-surface datum, Aug. 5, 1997; lowest recorded, 1.44 ft below land-surface datum, Jan. 20, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	+.61	MAR 01	+2.85	MAY 29	+2.17	JUL 08	+2.77

WATER YEAR 2002 HIGHEST +2.85 MAR 01, 2002 LOWEST +.61 NOV 05, 2001



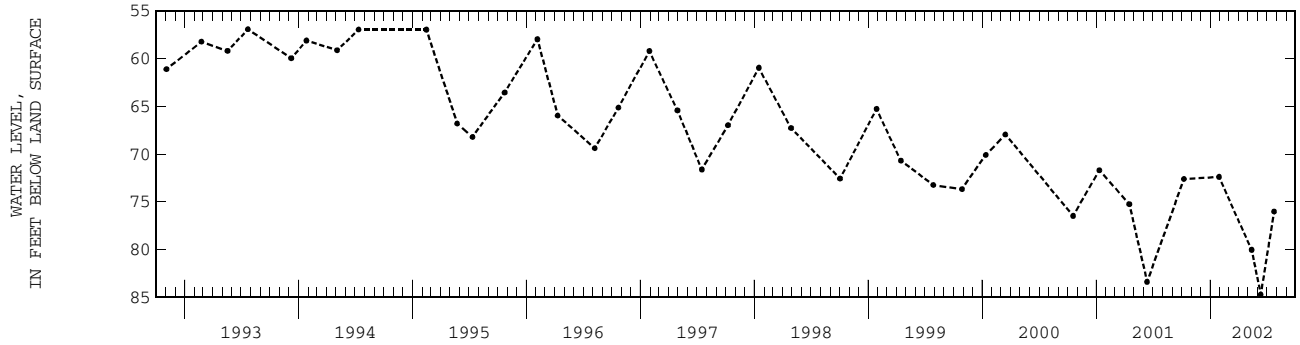
JEFFERSON DAVIS PARISH

LOCAL NUMBER.--JD-9, Site ID 301355092463001.
LOCATION.--Lat 30°13'55", long 92°46'30", Hydrologic Unit 08080202, Sec. 34, T. 9S, R. 4W.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 318 ft, Screened 238-318, Casing diameter 12 in.
DATUM.--Elevation of land surface datum is 24.10 ft above NGVD of 1929. Measuring point: Lower edge of discharge pipe, 4.55 ft above land-surface datum.
PERIOD OF RECORD.--1938 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.52 ft below land-surface datum, Mar. 29, 1943; lowest recorded, 95.00 ft below land-surface datum, July 21, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	72.61	JAN 29	72.40	MAY 13	80.03	JUN 11	84.70	JUL 24	76.02

WATER YEAR 2002 HIGHEST 72.40 JAN 29, 2002 LOWEST 84.70 JUN 11, 2002

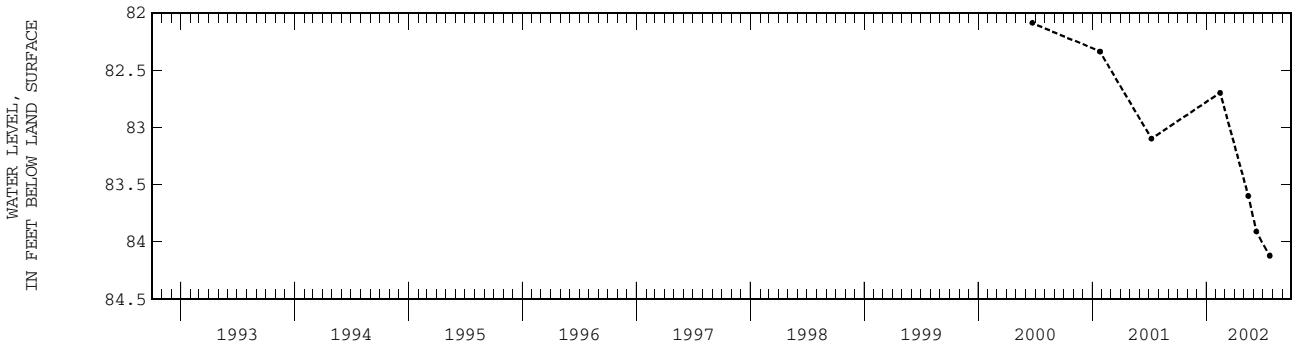


LOCAL NUMBER.--JD-406.
LOCATION.--Hydrologic Unit 08080201.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 450 ft, screened 410-450, casing diameter 8 in.
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Lower edge of 4-in. discharge line on north side of well, 3.1 ft above land-surface datum.
PERIOD OF RECORD.--1950, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 55.00 ft below land-surface datum, Feb. 24, 1950; lowest recorded, 84.12 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 14	82.70	MAY 15	83.60	JUN 10	83.91	JUL 23	84.12

WATER YEAR 2002 HIGHEST 82.70 FEB 14, 2002 LOWEST 84.12 JUL 23, 2002

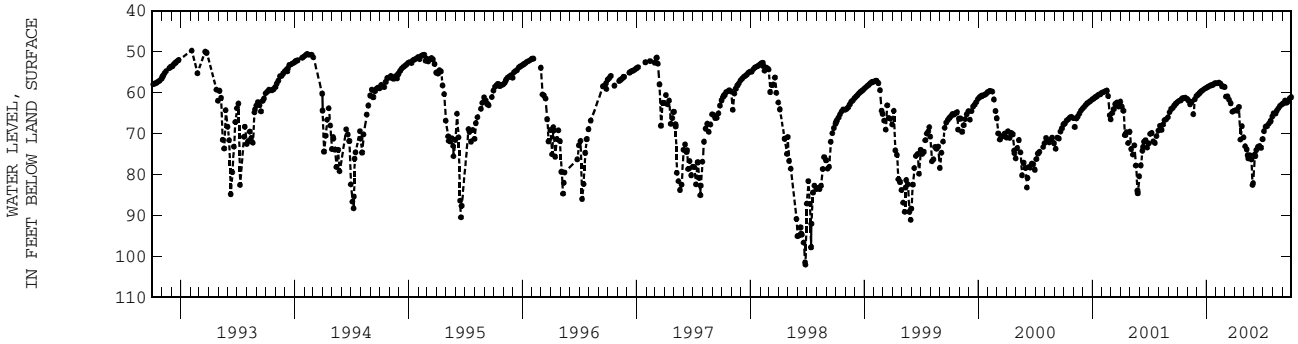


LOCAL NUMBER.--JD-485A, Site ID 301300092584503.
LOCATION.--Lat 30°13'00", long 92°58'45", Hydrologic Unit 08080203, Sec. 4, T.10S, R. 6W.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 290 ft, Screened 270-290, Casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 21.36 ft above NGVD of 1929. Measuring point: South side of round cutaway over well, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.91 ft below land-surface datum, Apr. 7, 1992; lowest recorded, 107.41 ft below land-surface datum, July 19, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	62.05	DEC 05	60.50	FEB 05	57.76	APR 10	64.46	JUN 05	75.08	JUL 31	65.85
10	61.95	10	60.12	10	57.60	15	63.51	07	75.52	AUG 05	65.06
11	61.84	15	59.69	15	57.83	20	71.49	10	74.02	10	65.14
15	61.45	20	59.45	20	58.47	25	68.22	15	73.26	15	64.41
20	61.36	25	59.16	25	58.52	30	70.97	20	73.08	20	63.84
25	61.28	31	58.88	28	58.65	MAY 05	73.13	25	73.48	25	63.24
31	61.54	JAN 05	58.64	MAR 05	60.99	10	73.87	30	71.39	31	62.87
NOV 05	62.01	10	58.43	10	60.95	13	75.33	JUL 05	69.43	SEP 05	62.61
10	62.85	15	58.25	15	61.78	15	76.05	10	68.33	10	61.98
15	62.30	20	58.16	20	62.61	20	75.36	15	68.18	15	62.50
20	65.29	25	57.91	25	64.70	25	76.31	20	67.61	20	62.07
25	61.61	29	57.71	31	64.43	29	82.59	25	67.09	25	61.45
30	60.85	31	57.75	APR 05	64.31	31	82.14	26	66.91	30	61.14

WATER YEAR 2002 HIGHEST 57.60 FEB 10, 2002 LOWEST 82.59 MAY 29, 2002



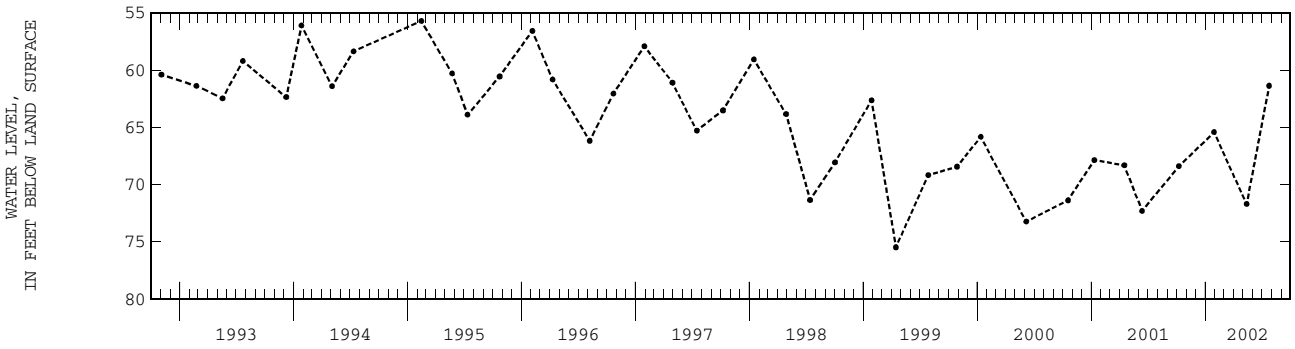
JEFFERSON DAVIS PARISH--Continued

LOCAL NUMBER.--JD-773, Site ID 301356092462701.
LOCATION.--Lat 30°13'56", long 92°46'27", Hydrologic Unit 08080202, Sec. 34, T. 9S, R. 4W.
AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).
WELL CHARACTERISTICS.--Depth 666 ft, screened 656-666, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 22 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 3.2 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.42 ft below land-surface datum, Apr. 4, 1990; lowest recorded, 75.47 ft below land-surface datum, Apr. 15, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	68.39	JAN 29	65.42	MAY 13	71.70	JUL 24	61.38

WATER YEAR 2002 HIGHEST 61.38 JUL 24, 2002 LOWEST 71.70 MAY 13, 2002



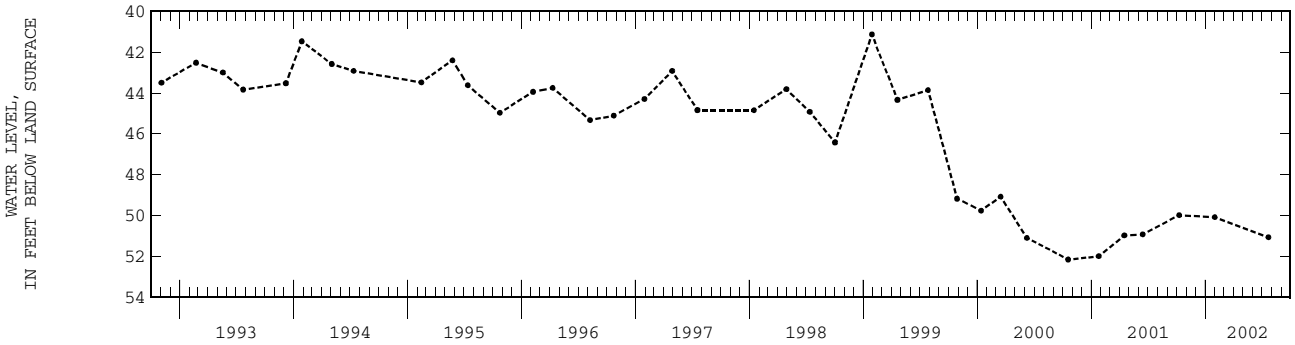
LAFAYETTE PARISH

LOCAL NUMBER.--Lf-662, Site ID 301426092000601.
LOCATION.--Lat 30°14'26", long 92°00'06", Hydrologic Unit 08080103, Sec.100, T. 9S, R. 5E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 152 ft, screened 146-152, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 40.37 ft above NGVD of 1929. Measuring point: Top of 1-in. collar, 0.2 ft above land-surface datum.
PERIOD OF RECORD.--1981-85, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.14 ft below land-surface datum, Jan. 28, 1999; lowest recorded, 52.14 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	49.97	JAN 31	50.07	JUL 22	51.05

WATER YEAR 2002 HIGHEST 49.97 OCT 09, 2001 LOWEST 51.05 JUL 22, 2002



LOCAL NUMBER.--La-124.
LOCATION.--Hydrologic Unit 08040304.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 365 ft, screened 315-365, casing diameter 8 to 4 in.
DATUM.--Elevation of land surface datum is 161 ft above NGVD of 1929. Measuring point: Edge of ½-in. plug hole in plate on top of casing, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--1971, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.51 ft below land-surface datum, Aug. 3, 1971; lowest recorded, 97.01 ft below land-surface datum, Oct. 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 03	91.63	JUL 22	95.61

WATER YEAR 2002 HIGHEST 91.63 APR 03, 2002 LOWEST 95.61 JUL 22, 2002

LOCAL NUMBER.--La-172, Site ID 314405092092001.
LOCATION.--Lat 31°44'05", long 92°09'20", Hydrologic Unit 08040304, Sec. 27, T. 9N, R. 3E.
AQUIFER.--Catahoula aquifer of Mioocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 97 ft, screened 94-97, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Two file marks in top of bell reducer, 4.15 ft above land-surface datum.
PERIOD OF RECORD.-- 1971, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.95 ft below land-surface datum, May 24, 2000; lowest recorded, 54.29 ft below land-surface datum, Apr. 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 03	45.29	JUL 22	45.86

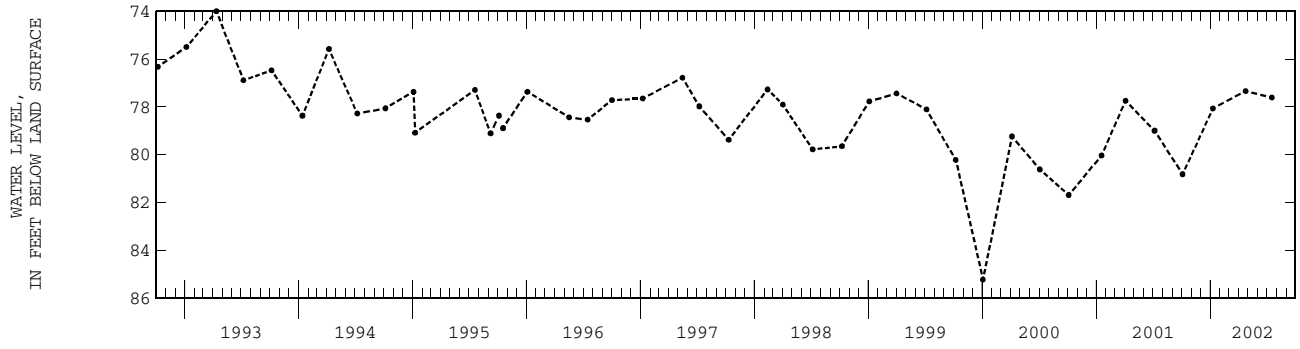
WATER YEAR 2002 HIGHEST 45.29 APR 03, 2002 LOWEST 45.86 JUL 22, 2002

LOCAL NUMBER.--La-254A, Site ID 315444092122801.
LOCATION.--Lat 31°54'44", long 92°12'28", Hydrologic Unit 08040302, Sec. 30, T.11N, R. 3E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 510 ft, screened 450-510, casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 74.00 ft below land-surface datum, Apr. 12, 1993; lowest recorded, 85.23 ft below land-surface datum, Jan. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	80.82	JAN 09	78.07	APR 24	77.34	JUL 17	77.61

WATER YEAR 2002 HIGHEST 77.34 APR 24, 2002 LOWEST 80.82 OCT 04, 2001

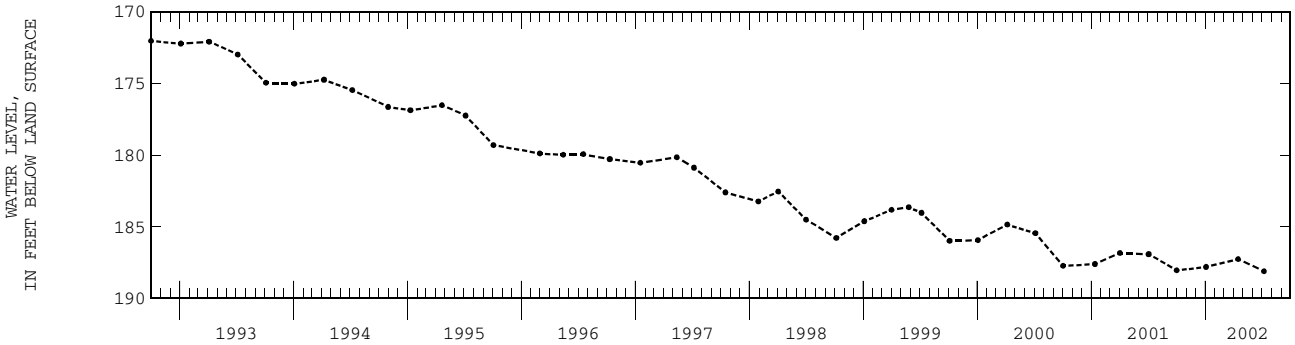


LOCAL NUMBER.--L-26.
LOCATION.--Hydrologic Unit 08040206.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 686 ft, screened 633-686, casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Top of 3/4-in. hole in plate, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1950, 1962, 1967-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 95.20 ft below land-surface datum, Apr. 22, 1950; lowest recorded, 187.97 ft below land-surface datum, Oct. 4, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	188.03	JAN 03	187.79	APR 16	187.25	JUL 08	188.09

WATER YEAR 2002 HIGHEST 187.25 APR 16, 2002 LOWEST 188.09 JUL 08, 2002

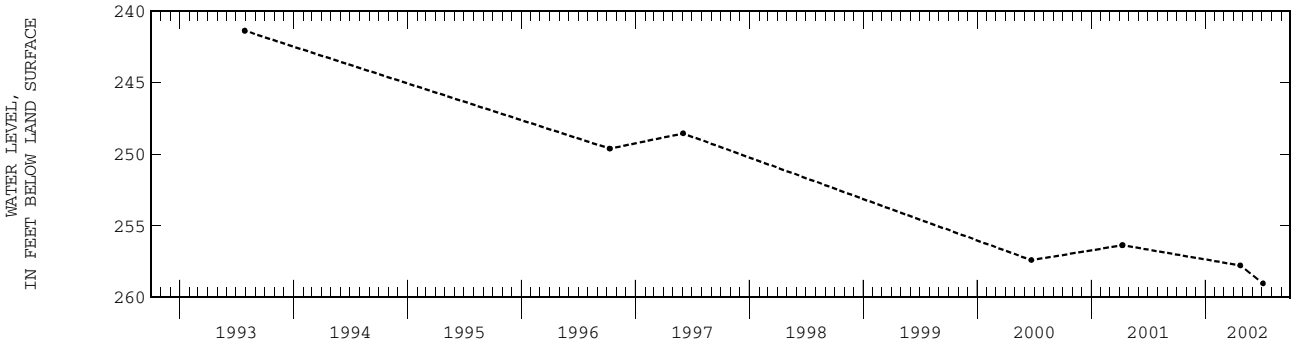


LOCAL NUMBER.--L-68, Site ID 323458092275101.
LOCATION.--Lat 32°34'58", long 92°27'51", Hydrologic Unit 08040206, Sec. 3, T.18N, R. 1W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 770 ft, screened 760-770, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Top of bushing, 5.06 ft above land-surface datum.
PERIOD OF RECORD.--1968-71, 1973-87, 1989, 1991, 1993, 1996-97, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded. 185.04 ft below land-surface datum, Mar. 2, 1970; lowest recorded, 259.01 ft below land-surface datum, July 5, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 23	257.75	JUL 05	259.01

WATER YEAR 2002 HIGHEST 257.75 APR 23, 2002 LOWEST 259.01 JUL 05, 2002

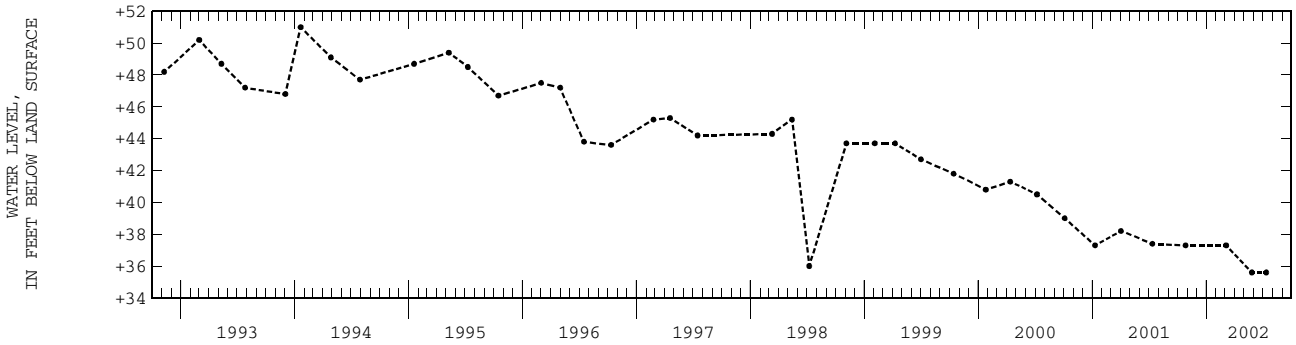


LOCAL NUMBER.--Li-52, Site ID 303034090380301.
LOCATION.--Lat 30°30'34", long 90°38'03", Hydrologic Unit 08070203, Sec. 20, T. 6S, R. 6E.
OWNER.--Coy Kinchen.
AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).
WELL CHARACTERISTICS.--Depth 1,865 ft, screened 1,825-1,865, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Center line of 3/4-in tee, 1.2 ft above land-surface datum.
PERIOD OF RECORD.--1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 116.20 ft above land-surface datum, Nov. 30, 1950; lowest recorded, 35.6 ft above land-surface datum, May 27, 2002, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	+37.3	MAR 05	+37.3	MAY 27	+35.6	JUL 12	+35.6

WATER YEAR 2002 HIGHEST +37.3 OCT 26, 2001 MAR 05, 2002 LOWEST +35.6 MAY 27, 2002 JUL 12, 2002

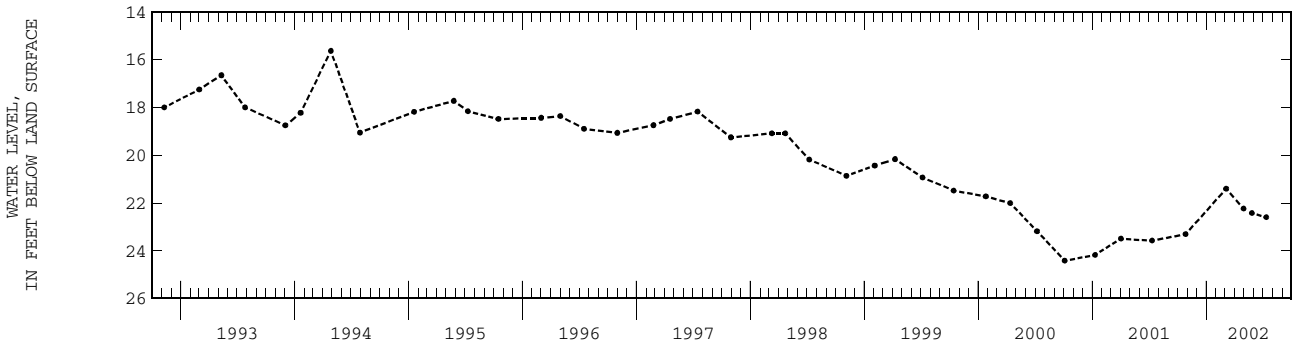


LOCAL NUMBER.--Li-113, Site ID 302956090504601.
LOCATION.--Lat 30°29'56", long 90°50'46", Hydrologic Unit 08070202, Sec. 30, T. 6S, R. 4E.
OWNER.--W.K. Coburn.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,300 ft, screened interval unknown, Casing diameter 3 in.
DATUM.--Elevation of land surface datum is 48 ft above NGVD of 1929. Measuring point: Top of collar above valve, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.98 ft below land-surface datum, Apr. 14, 1967; lowest recorded, 24.41 ft below land-surface datum, Oct. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	23.30	MAR 05	21.40	APR 30	22.23	MAY 27	22.42	JUL 12	22.59

WATER YEAR 2002 HIGHEST 21.40 MAR 05, 2002 LOWEST 23.30 OCT 26, 2001

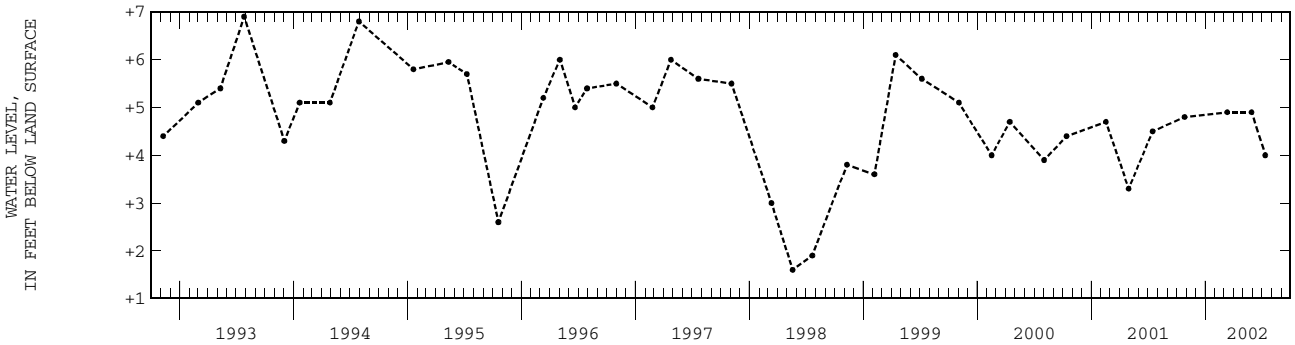


LOCAL NUMBER.--Li-122, Site ID 302450090355601.
LOCATION.--Lat 30°24'50", long 90°35'56", Hydrologic Unit 08070203, Sec. 45, T. 7S, R. 6E.
AQUIFER.--"400-foot" sand of Baton rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500, casing diameter 1 ½ in.
DATUM.--Elevation of land surface datum is 11 ft above NGVD of 1929. Measuring point: Top of 3/4-in. nipple, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1966, 1984, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.40 ft above land-surface datum, July 15, 1966; lowest recorded, 1.60 ft above land-surface datum, May 19, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	+4.8	MAR 12	+4.9	MAY 29	+4.9	JUL 12	+4.0

WATER YEAR 2002 HIGHEST +4.9 MAR 12, 2002 MAY 29, 2002 LOWEST +4.0 JUL 12, 2002



LOCAL NUMBER.--Li-169, Site ID 303747090374801.
LOCATION.--Lat 30°37'47", long 90°37'48", Hydrologic Unit 08070204, Sec. 39, T. 5S, R. 6E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 260 ft, screened interval 245-260, Casing diameter 4 in.
DATUM.--Elevation of land surface datum is 85 ft above NGVD of 1929. Measuring point: Top of 3/4-in. nipple on 'teé on air vent, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--1973, 1983-84, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.14 ft below land-surface datum, Mar. 28, 1991; lowest recorded, 12.21 ft below land-surface datum, July 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 18	11.91	JUL 15	12.21

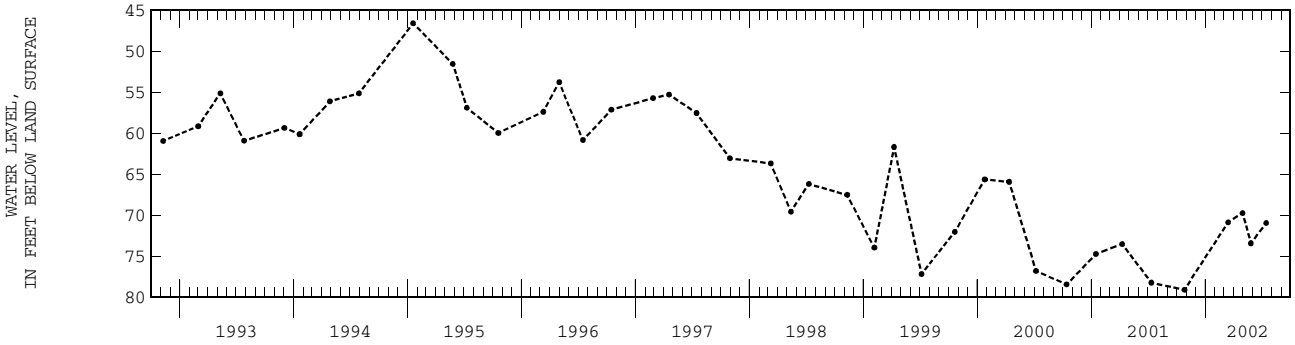
WATER YEAR 2002 HIGHEST 11.91 JUN 18, 2002 LOWEST 12.21 JUL 15, 2002

LOCAL NUMBER.--Li-185, Site ID 302724090565801.
LOCATION.--Lat 30°27'24", long 90°56'58", Hydrologic Unit 08070202, Sec. 38, T. 7S, R. 3E.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 2,611 ft, screened 2,531-2,611, casing diameter 14 to 12 to 8 in.
DATUM.--Elevation of land surface datum is 37 ft above NGVD of 1929. Measuring point: Bottom lip of vent elbow, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1979, 1983, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.14 ft below land-surface datum, Feb. 3, 1989; lowest recorded, 79.12 ft below land-surface datum, Oct. 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	79.12	MAR 15	70.89	APR 30	69.76	MAY 27	73.45	JUL 15	70.98

WATER YEAR 2002 HIGHEST 69.76 APR 30, 2002 LOWEST 79.12 OCT 26, 2001



LIVINGSTON PARISH--Continued

LOCAL NUMBER.--Li-209, Site ID 303247090544601.
LOCATION.--Lat 30°32'47", long 90°54'46", Hydrologic Unit 08070202, Sec. 9, T. 6S, R. 3E.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 305 ft, screened interval 290-305, Casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Top in sanitary seal, 0.9 ft below land-surface datum.
PERIOD OF RECORD.--1984, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.66 ft below land-surface datum, May 16, 1984; lowest recorded, 27.50 ft below land-surface datum, June 19, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	27.50	JUL 15	27.42

WATER YEAR 2002 HIGHEST 27.42 JUL 15, 2002 LOWEST 27.50 JUN 19, 2002

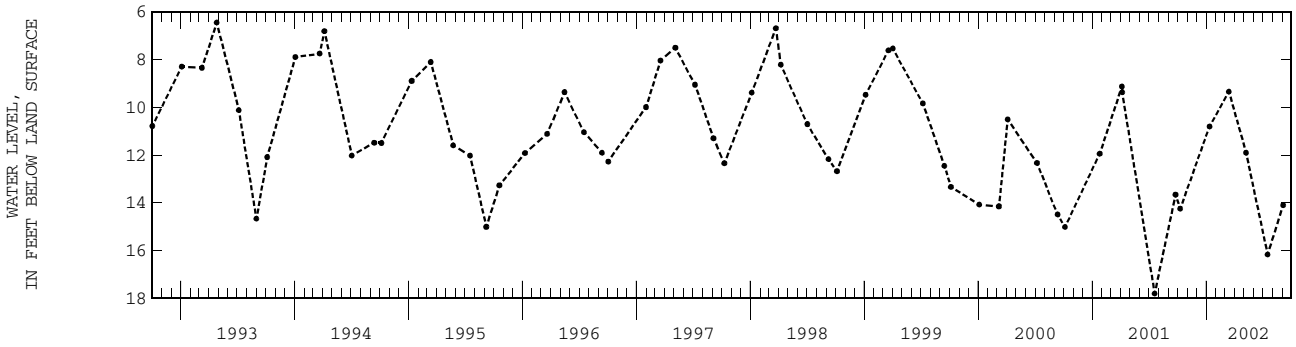
MADISON PARISH

LOCAL NUMBER.--Ma-64, Site ID 322614091122001.
LOCATION.--Lat 32°26'14", long 91°12'20", Hydrologic Unit 08050003, Sec. 23, T.17N, R.12E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 117 ft, screened 112-117, casing diameter 1 1/4 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.
PERIOD OF RECORD.--1975, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.40 ft below land-surface datum, Apr. 23, 1991; lowest recorded, 17.80 ft below land-surface datum, July 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	14.25	JAN 11	10.81	MAR 14	9.35	MAY 08	11.91	JUL 16	16.17	SEP 04	14.10

WATER YEAR 2002 HIGHEST 9.35 MAR 14, 2002 LOWEST 16.17 JUL 16, 2002



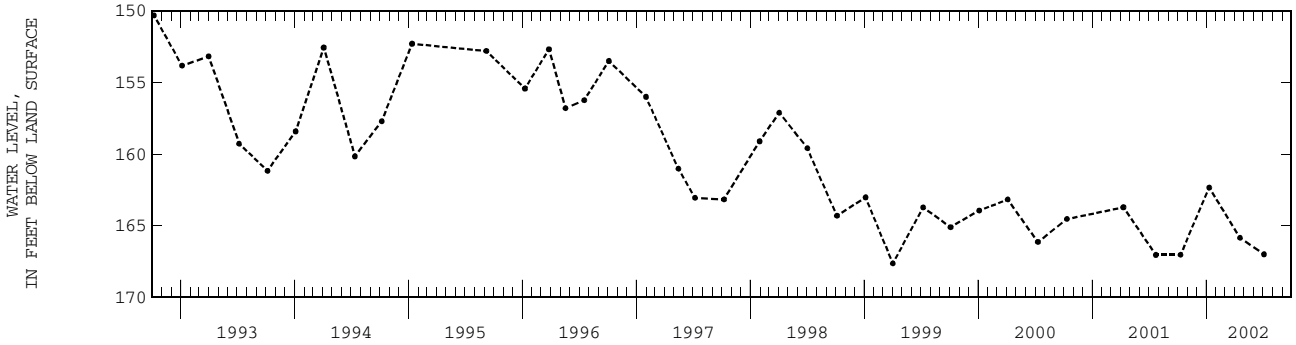
MOREHOUSE PARISH

LOCAL NUMBER.--Mo-5, Site ID 324626091543901.
LOCATION.--Lat 32°46'26", long 91°54'39", Hydrologic Unit 08050001, Sec. 25, T.21N, R. 5E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 860 ft, screened interval unknown, casing diameter 10 in.
DATUM.--Elevation of land surface datum is 117.44 ft above NGVD of 1929. Measuring point: Top of nipple on metal cover plate, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 143.59 ft below land-surface datum, June 6, 1989; lowest recorded, 204.74 ft below land-surface datum, June 3, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	167.04	JAN 10	162.35	APR 19	165.86	JUL 05	167.00

WATER YEAR 2002 HIGHEST 162.35 JAN 10, 2002 LOWEST 167.04 OCT 10, 2001

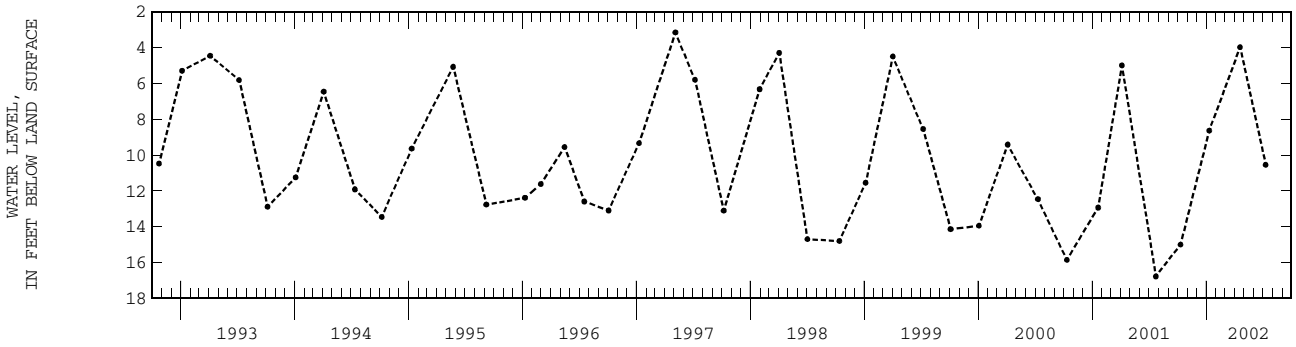


LOCAL NUMBER.--Mo-67, Site ID 323806091530401.
LOCATION.--Lat 32°38'06", long 91°53'04", Hydrologic Unit 08050001, Sec. 17, T.19N, R. 6E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 81 ft, screened 71-81, casing diameter 3 in.
DATUM.--Elevation of land surface datum is 73.51 ft above NGVD of 1929. Measuring point: Top of casing, 7.9 ft above land-surface datum.
PERIOD OF RECORD.--1953-77, 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.59 ft below land-surface datum, Dec. 19, 1961; lowest recorded, 23.88 ft below land-surface datum, Sep. 1, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	15.00	JAN 10	8.65	APR 19	3.98	JUL 10	10.55

WATER YEAR 2002 HIGHEST 3.98 APR 19, 2002 LOWEST 15.00 OCT 10, 2001

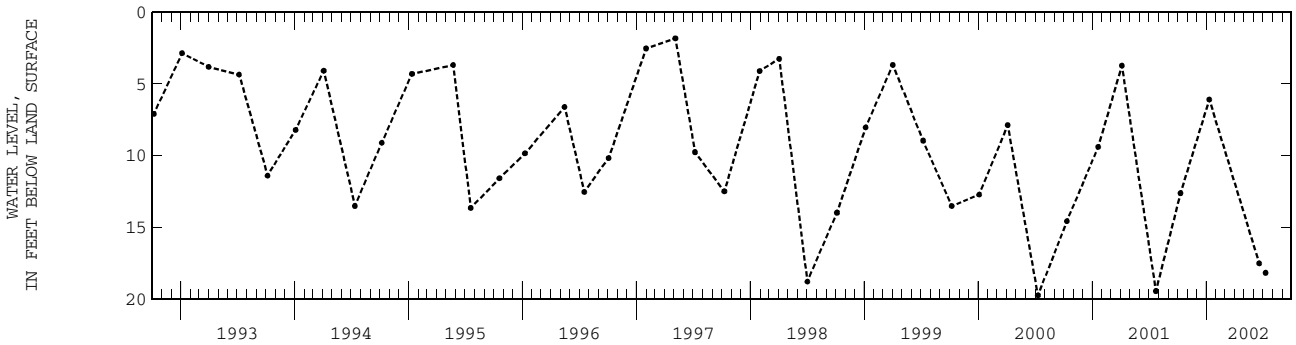


LOCAL NUMBER.--Mo-343, Site ID 324753091471202.
LOCATION.--Lat 32°47'53", long 91°47'12", Hydrologic Unit 08050001, Sec. 19, T.21N, R. 7E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 176 ft, screened 166-176, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 88.41 ft above NGVD of 1929. Measuring point: Top of bushing, 3.72 ft above land-surface datum.
PERIOD OF RECORD.--1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft below land-surface datum, May 13, 1975; lowest recorded, 19.76 ft below land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	12.62	JAN 10	6.09	JUN 19	17.52	JUL 10	18.18

WATER YEAR 2002 HIGHEST 6.09 JAN 10, 2002 LOWEST 18.18 JUL 10, 2002

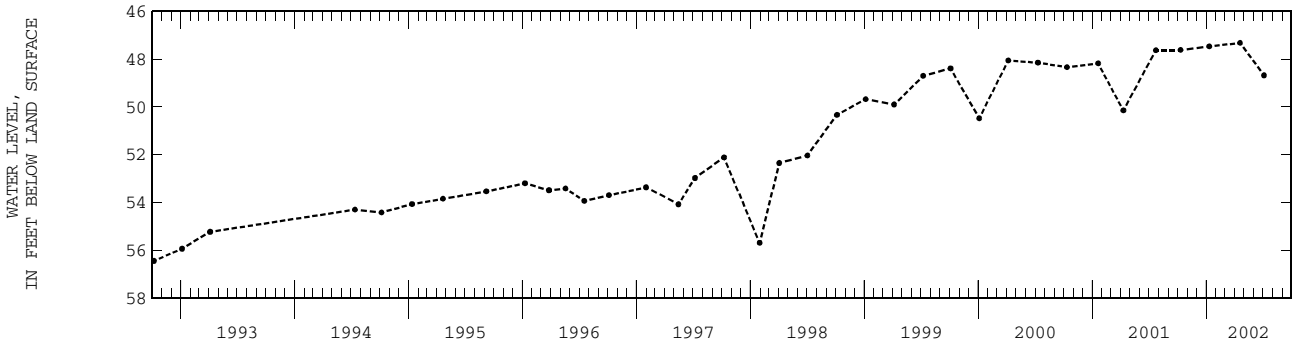


LOCAL NUMBER.--Mo-657.
LOCATION.--Hydrologic Unit 08050001.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 97 ft, screened 57-97, casing diameter 6 in.
DATUM.--Elevation of land surface datum is 126.64 ft above NGVD of 1929. Measuring point: Top of casing, 2.9 ft above land-surface datum.
PERIOD OF RECORD.--1985 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.63 ft below land-surface datum, July 23, 2001; lowest recorded, 60.00 ft below land-surface datum, June 7, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	47.62	JAN 10	47.47	APR 19	47.32	JUL 05	48.68

WATER YEAR 2002 HIGHEST 47.32 APR 19, 2002 LOWEST 48.68 JUL 05, 2002

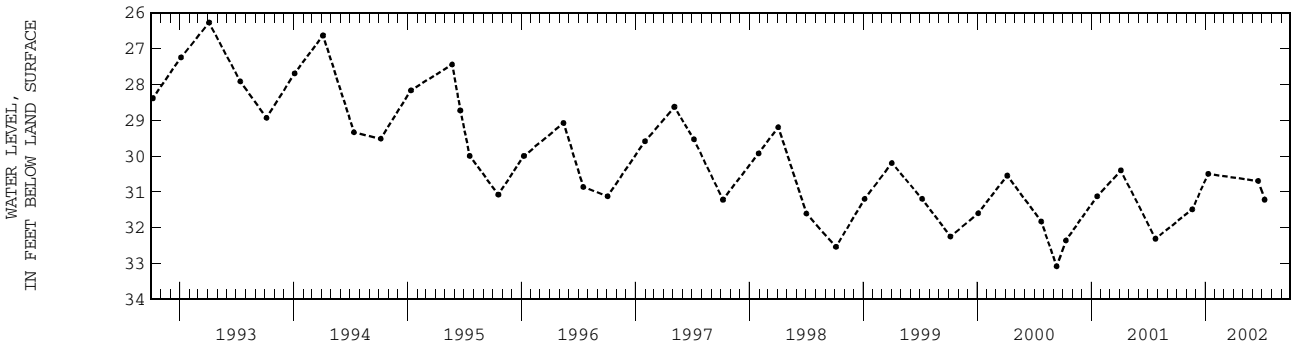


LOCAL NUMBER.--Mo-708, Site ID 325356091344801.
LOCATION.--Lat 32°53'56", long 91°34'48", Hydrologic Unit 08050001, Sec. 18, T.22S, R. 9E.
OWNER.--U.S. Geological Survey.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 276 ft, screened 246-256 and 266-276, casing diameter 3 in.
DATUM.--Elevation of land surface datum is 96 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.
PERIOD OF RECORD.--1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.28 ft below land-surface datum, Apr. 5, 1993; lowest recorded, 36.43 ft below land-surface datum, Oct. 7, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	31.49	JAN 10	30.50	JUN 19	30.70	JUL 10	31.22

WATER YEAR 2002 HIGHEST 30.50 JAN 10, 2002 LOWEST 31.49 NOV 20, 2001

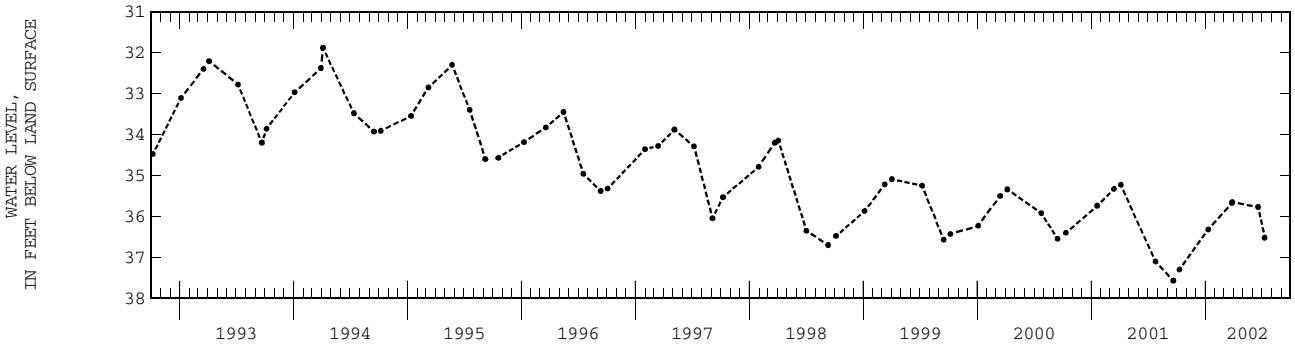


LOCAL NUMBER.--Mo-842, Site ID 325359091344802.
LOCATION.--Lat 32°53'59", long 91°34'48", Hydrologic Unit 08050001, Sec. 18, T.22N, R. 9E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 90 ft, screened 88-90, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 96 ft above NGVD of 1929. Measuring point: Top of bushing, 1.33 below land-surface datum.
PERIOD OF RECORD.--1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.49 ft below land-surface datum, July 1, 1992; lowest recorded, 37.57 ft below land-surface datum, Sep. 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	37.30	JAN 10	36.32	MAR 27	35.67	MAR 28	35.65	JUN 19	35.77	JUL 10	36.52

WATER YEAR 2002 HIGHEST 35.65 MAR 28, 2002 LOWEST 37.30 OCT 10, 2001

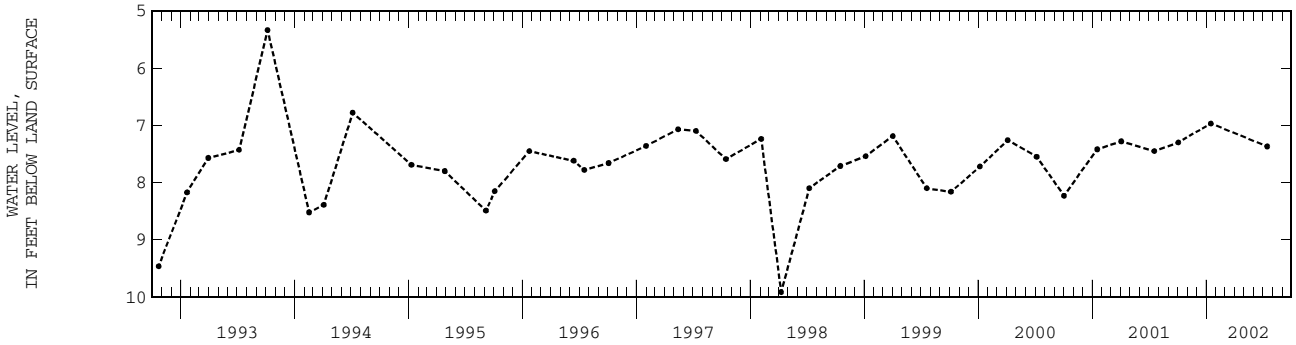


LOCAL NUMBER.--Na-9, Site ID 312934093114801.
LOCATION.--Lat 31°29'34", long 93°11'48", Hydrologic Unit 11140207, Sec. 21, T. 6N, R. 8W.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 1,300 ft, screened 1,200-1,300, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 185 ft above NGVD of 1929. Measuring point: Top of sanitary seal, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.34 ft below land-surface datum, Oct. 6, 1993; lowest recorded, 40.00 ft below land-surface datum, Jan. 1, 1936.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	7.30	JAN 15	6.97	MAY 06	11.35	JUL 15	7.37

WATER YEAR 2002 HIGHEST 7.30 OCT 03, 2001 LOWEST 7.37 JUL 15, 2002

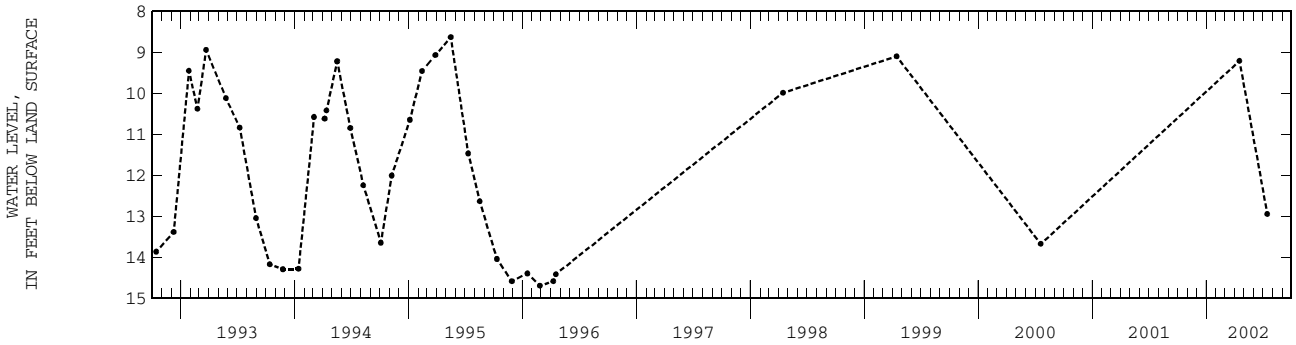


LOCAL NUMBER.--Na-474, Site ID 314542093043701.
LOCATION.--Lat 31°45'42", long 93°04'37", Hydrologic Unit 11140204, Sec. 49, T. 9N, R. 7W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1978-2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.77 ft below land-surface datum, Apr. 2, 1977; lowest recorded, 17.60 ft below land-surface datum, Dec. 15, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 17	9.21	JUL 15	12.95

WATER YEAR 2002 HIGHEST 9.21 APR 17, 2002 LOWEST 12.95 JUL 15, 2002



LOCAL NUMBER.--Na-479, Site ID 320116093044902.
LOCATION.--Lat 32°01'16", long 93°04'49", Hydrologic Unit 11140209, Sec. 15, T.12N, R. 7W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 106 ft, screened 103-106, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: File marks in bushing, at land-surface datum.
PERIOD OF RECORD.--1980-87, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.25 ft below land-surface datum, July 22, 2002; lowest recorded, 59.49 ft below land-surface datum, Sep. 4, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 14	46.54	JUL 22	46.25

WATER YEAR 2002 HIGHEST 46.25 JUL 22, 2002 LOWEST 46.54 MAY 14, 2002

LOCAL NUMBER.--Na-487.
LOCATION.--Hydrologic Unit 11140206.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 445 ft, screened 405-445, casing diameter 8 in.
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Lowest point on inside of top of 1-in. coupling, 2.35 ft above land-surface datum.
PERIOD OF RECORD.--Current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.11 ft below land-surface datum, Apr. 11, 2002; lowest recorded, 11.23 ft below land-surface datum, July 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	10.11	JUL 15	11.23

WATER YEAR 2002 HIGHEST 10.11 APR 11, 2002 LOWEST 11.23 JUL 15, 2002

LOCAL NUMBER.--Na-526, Site ID 312637093052602.
LOCATION.--Lat 31°26'37", long 93°05'26", Hydrologic Unit 11140207, Sec. 4, T. 5N, R. 7W.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 85 ft, screened 75-85, casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Remove bolt on NE corner of pump base, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1986, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.0 ft below land-surface datum (reported), Aug. 4, 1986; lowest recorded, 33.38 ft below land-surface datum, Oct. 8, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
JUL 24	32.49

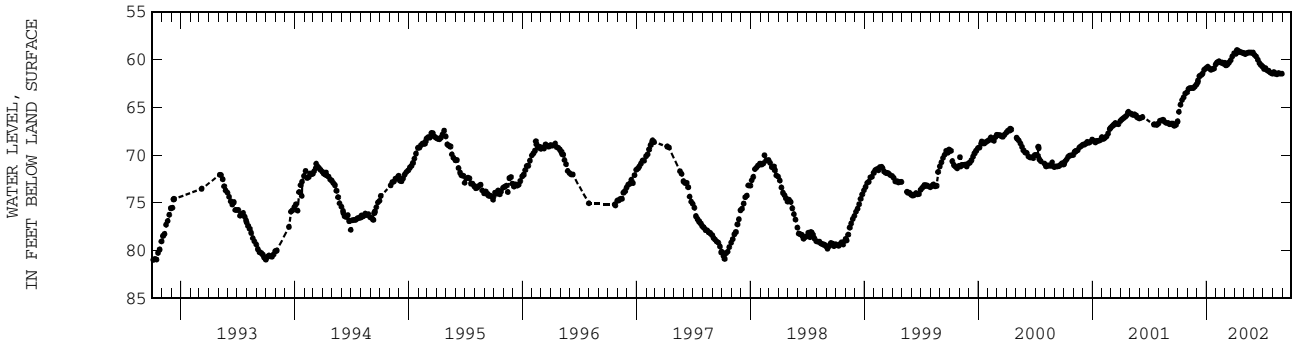
ORLEANS PARISH

LOCAL NUMBER.--Or-42, Site ID 295652090020101.
LOCATION.--Lat 29°56'52", long 90°02'01", Hydrologic Unit 08090203, Sec. 16, T.13S, R.12E.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 775 ft, screened 664-775, casing diameter 8 in.
DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Notch in wooden platform over well casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1942, 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.07 ft below land-surface datum, May 25, 1942; lowest recorded, 140.48 ft below land-surface datum, Sep. 20, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	66.48	DEC 04	62.39	FEB 04	60.35	MAR 31	59.37	MAY 29	59.36	JUL 25	61.40
05	65.48	05	62.21	05	60.29	APR 05	59.42	31	59.30	31	61.50
10	64.74	10	61.75	10	60.21	09	59.02	JUN 05	59.56	AUG 05	61.35
15	64.24	15	61.64	15	60.33	10	59.24	10	59.72	10	61.48
20	63.98	20	61.48	20	60.34	15	59.15	15	60.05	15	61.56
25	63.58	25	61.08	25	60.41	20	59.25	20	60.39	20	61.45
31	63.44	31	60.92	28	60.49	25	59.30	25	60.59	25	61.50
NOV 05	63.07	JAN 05	60.77	MAR 01	60.37	30	59.34	30	60.75	31	61.51
10	63.00	10	60.92	05	60.61	MAY 05	59.45	JUL 05	60.98		
15	63.00	15	61.09	10	60.52	10	59.35	09	60.98		
20	63.00	20	61.02	15	60.31	15	59.29	10	60.94		
25	62.82	25	60.95	20	60.08	20	59.30	15	61.16		
30	62.63	31	60.52	25	59.68	25	59.30	20	61.21		

WATER YEAR 2002 HIGHEST 59.02 APR 09, 2002 LOWEST 66.48 OCT 01, 2001

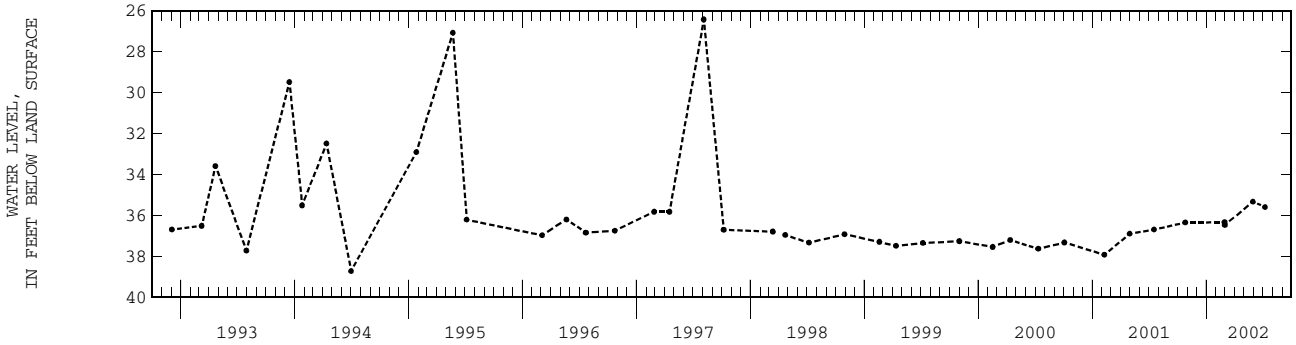


LOCAL NUMBER.--Or-175, Site ID 300525089464001.
LOCATION.--Lat 30°05'25", long 89°46'40", Hydrologic Unit 08090203, Sec. 38, T.11S, R.14E.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 449 ft, screened 439-449, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Top of 2-in. pipe, 1.67 ft above land-surface datum.
PERIOD OF RECORD.--1963, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.84 ft below land-surface datum, Sep. 19, 1963; lowest recorded, 38.72 ft below land-surface datum, July 1, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	36.35	FEB 28	36.33	MAR 01	36.47	MAY 30	35.33	JUL 08	35.60

WATER YEAR 2002 HIGHEST 35.33 MAY 30, 2002 LOWEST 36.47 MAR 01, 2002

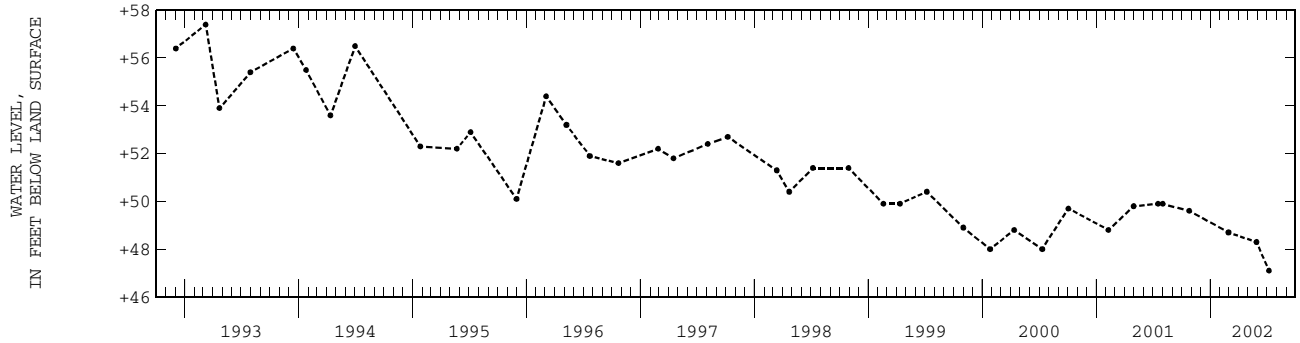


LOCAL NUMBER.--Or-179, Site ID 300959089441901.
LOCATION.--Lat 30°09'59", long 89°44'19", Hydrologic Unit 08090203, Sec. 19, T.10S, R.15E.
AQUIFER.--Abita aquifer of Pliocene age (120ABIT).
WELL CHARACTERISTICS.--Depth 2,434 ft, screened 2,429-2,434, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 4 ft above NGVD of 1929. Measuring point: Center line of end of discharge pipe, 2.9 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 107.2 ft above land-surface datum, Nov. 10, 1965; lowest recorded, 47.1 ft above land-surface datum, July 8, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	+49.6	FEB 28	+48.7	MAY 29	+48.3	JUL 08	+47.1

WATER YEAR 2002 HIGHEST +49.6 OCT 25, 2001 LOWEST +47.1 JUL 08, 2002

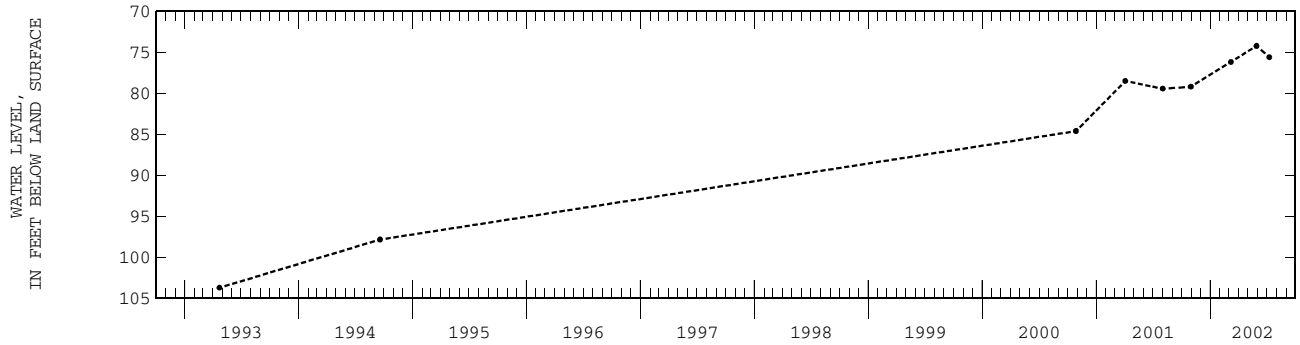


LOCAL NUMBER.--Or-206, Site ID 300027090013201.
LOCATION.--Lat 30°00'27", long 90°01'32", Hydrologic Unit 08090203, Sec. 38, T.12S, R.12E.
AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).
WELL CHARACTERISTICS.--Depth 647 ft, screened 557-647, casing diameter 18 to 12 in.
DATUM.--Elevation of land surface datum is 4 ft below NGVD of 1929. Measuring point: Top edge of 3/4-in. collar, 2.87 ft above land-surface datum.
PERIOD OF RECORD.--1972, 1982, 1987, 1993, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 74.23 ft below land-surface datum, May 29, 2002; lowest recorded, 174.00 ft below land-surface datum, Oct. 30, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	79.22	MAR 08	76.19	MAY 29	74.23	JUL 09	75.60

WATER YEAR 2002 HIGHEST 74.23 MAY 29, 2002 LOWEST 79.22 OCT 30, 2001

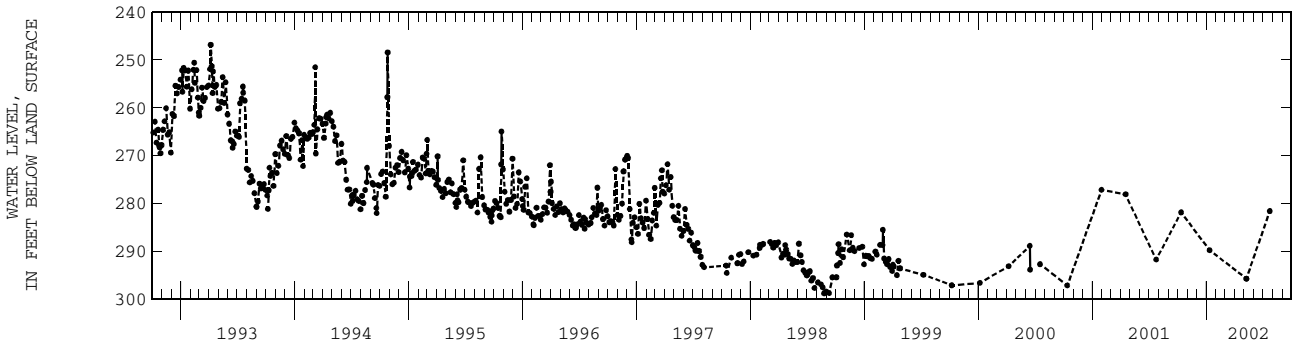


LOCAL NUMBER.--Ou-80, Site ID 322843092084401.
LOCATION.--Lat 32°28'43", long 92°08'44", Hydrologic Unit 08040207, Sec. 10, T.17N, R. 3E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 721 ft, screened 607-721, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 4.50 ft above land-surface datum.
PERIOD OF RECORD.--1956, 1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 194.60 ft below land-surface datum, May 3, 1956; lowest recorded, 298.83 ft below land-surface datum, Aug. 25, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	281.88	JAN 11	289.79	MAY 09	295.75	MAY 09	295.75	JUL 23	281.61	JUL 23	281.62

WATER YEAR 2002 HIGHEST 281.61 JUL 23, 2002 LOWEST 295.75 MAY 09, 2002 MAY 09, 2002

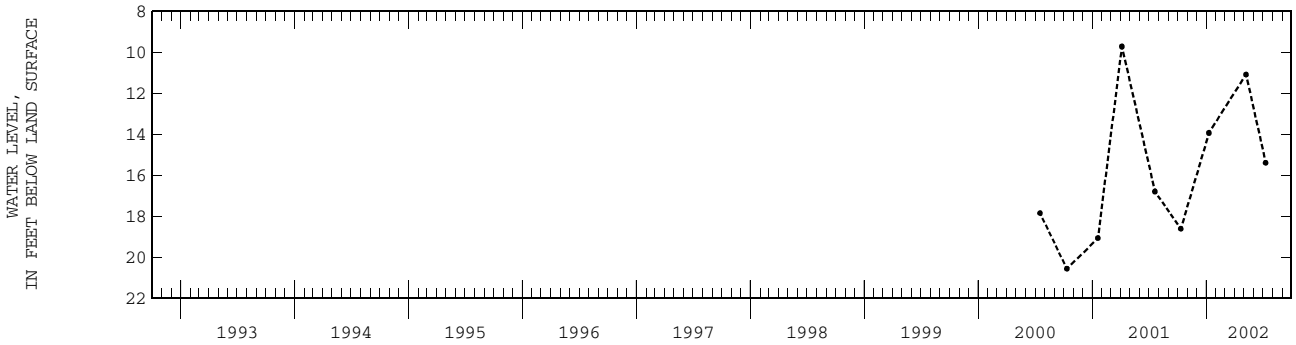


LOCAL NUMBER.--Ou-151, Site ID 323136091592801.
LOCATION.--Lat 32°31'31", long 91°59'30", Hydrologic Unit 08050001, Sec.19, T.18N, R. 5E.
AQUIFER.--Mississippi River Alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 68 ft, screened 58-68, casing diameter 3 in.
DATUM.--Elevation of land surface datum is 72.42 ft above NGVD of 1929. Measuring point: Top of 3x2-in. reducer, 4.8 ft above land-surface datum.
PERIOD OF RECORD.--1953-87, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.77 ft below land-surface datum, Mar. 19, 1975; lowest recorded, 23.63 ft below land-surface datum, Sep. 22, 1954.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	18.62	JAN 09	13.94	MAY 08	11.09	JUL 10	15.40

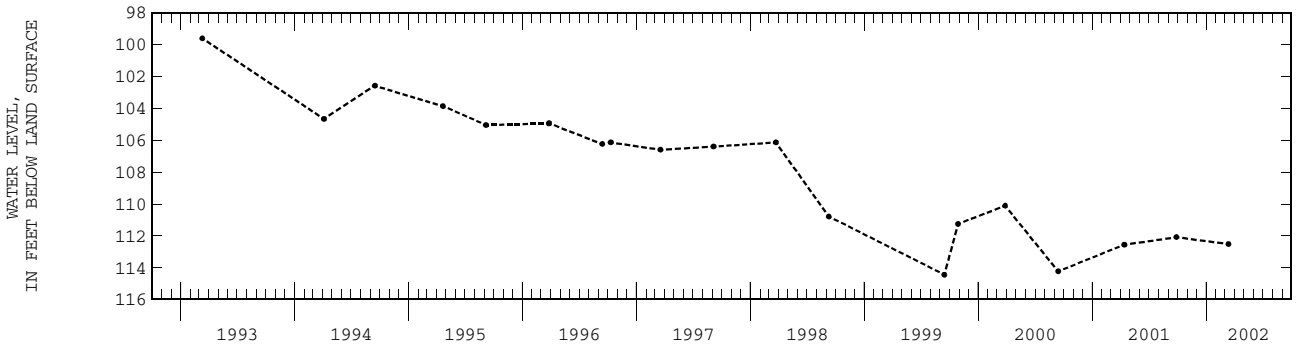
WATER YEAR 2002 HIGHEST 11.09 MAY 08, 2002 LOWEST 18.62 OCT 11, 2001



LOCAL NUMBER.--Ou-401A, Site ID 322422092020701.
LOCATION.--Lat 32°24'22", long 92°02'07", Hydrologic Unit 08050001, Sec. 2, T.16N, R. 4E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 397 ft, screened 389-397, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 62.28 ft above NGVD of 1929. Measuring point: Top of casing, 3.89 ft above land-surface datum.
PERIOD OF RECORD.--1965-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.11 ft below land-surface datum, Apr. 27, 1967; lowest recorded, 114.44 ft below land-surface datum, Sep. 14, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
MAR 13	112.51

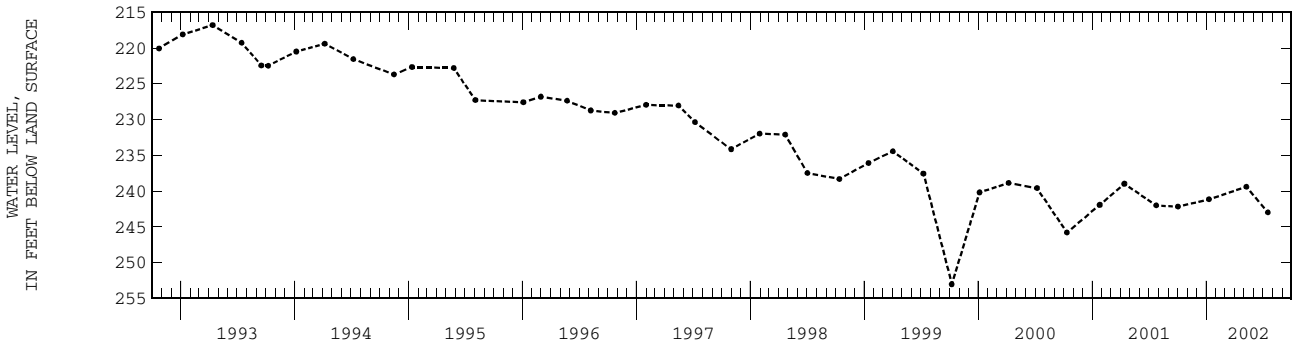


LOCAL NUMBER.--Ou-444, Site ID 323100092165802.
LOCATION.--Lat 32°31'00", long 92°16'58", Hydrologic Unit 08040207, Sec. 29, T.18N, R. 2E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 670 ft, screened 660-670, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 118 ft above NGVD of 1929. Measuring point: Top of casing, 3.6 ft above land-surface datum.
PERIOD OF RECORD.--1969-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 171.15 ft below land-surface datum, Aug. 20, 1969; lowest recorded, 252.99 ft below land-surface datum, Oct. 8, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	242.15	JAN 09	241.15	MAY 09	239.40	JUL 17	242.98

WATER YEAR 2002 HIGHEST 239.40 MAY 09, 2002 LOWEST 242.98 JUL 17, 2002



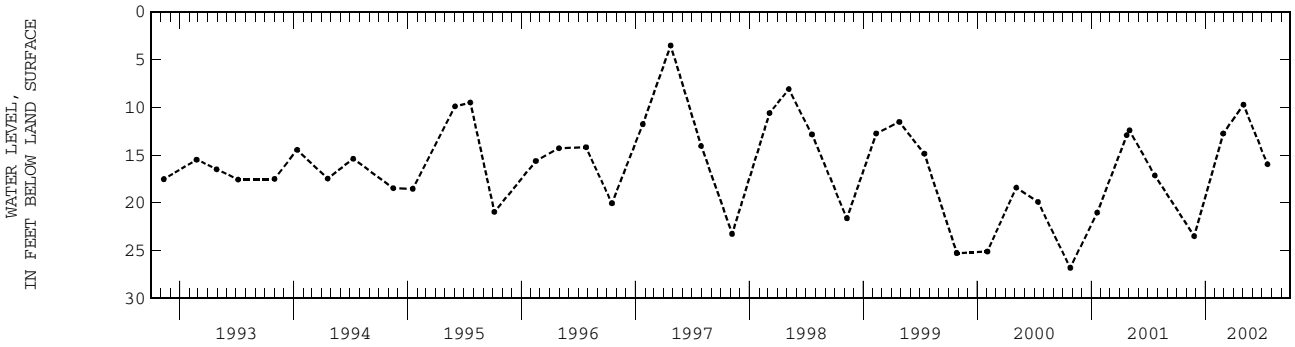
LOCAL NUMBER.--PC-39, Site ID 304939091422101.
LOCATION.--Lat 30°49'39", long 91°42'21", Hydrologic Unit 08080101, Sec. 13, T. 3S, R. 7E.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 460 ft, screened interval unknown, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top of bell reducer at casing, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1951, 1961, 1963-64, 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.19 ft above land-surface datum, May 23, 1973; lowest recorded, 26.81 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	23.50	FEB 27	12.77	MAY 03	9.74	JUL 19	15.98

WATER YEAR 2002 HIGHEST 9.74 MAY 03, 2002 LOWEST 23.50 NOV 26, 2001

POINTE COUPEE PARISH--Continued

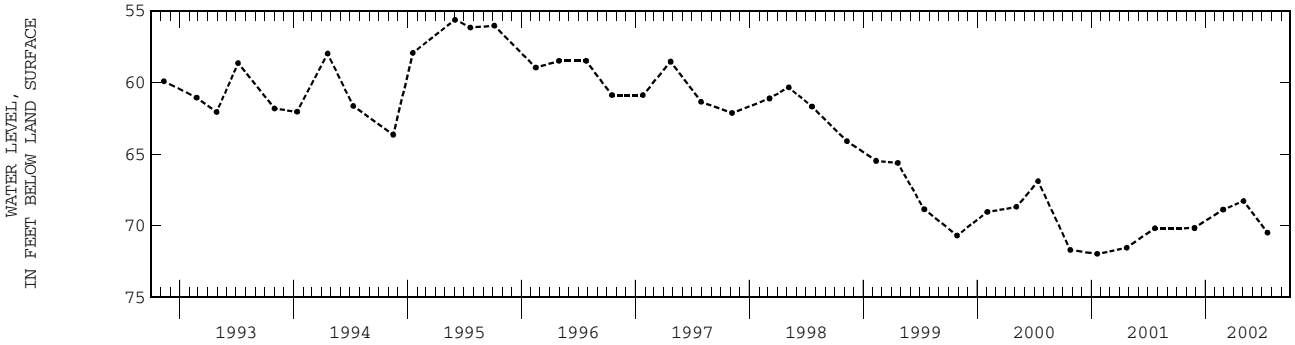


LOCAL NUMBER.--PC-66, Site ID 303556091234001.
LOCATION.--Lat 30°35'56", long 91°23'40", Hydrologic Unit 08070300, Sec. 48, T. 5S, R.11E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,530 ft, screened 1,490-1,530, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 33 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 2.12 ft above land-surface datum.
PERIOD OF RECORD.--1961-63, 1964-71, 1988, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.10 ft above land-surface datum, Feb. 2, 1961; lowest recorded, 71.97 ft below land-surface datum, Jan. 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	70.17	FEB 27	68.88	MAY 03	68.29	JUL 19	70.49

WATER YEAR 2002 HIGHEST 68.29 MAY 03, 2002 LOWEST 70.49 JUL 19, 2002



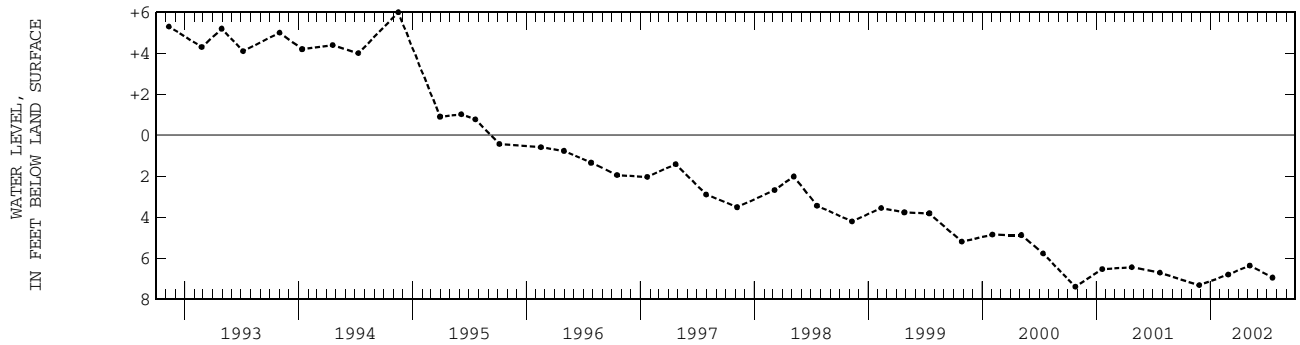
POINTE COUPEE PARISH--Continued

LOCAL NUMBER.--PC-70, Site ID 303402091325501.
LOCATION.--Lat 30°34'02", long 91°32'55", Hydrologic Unit 08070300, Sec. 16, T. 6S, R. 9E.
OWNER.--Village of Livonia.
AQUIFER.--"2,400-foot" sand of Baton rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 2,294 ft, screened 2,259-2,294, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Edge of 2-in. hole on top of tee, 1.15 ft above land-surface datum.
PERIOD OF RECORD.--1960 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.90 ft above land-surface datum, May 5, 1960; lowest recorded, 7.41 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	7.33	FEB 27	6.81	MAY 07	6.37	JUL 19	6.96

WATER YEAR 2002 HIGHEST 6.37 MAY 07, 2002 LOWEST 7.33 NOV 26, 2001

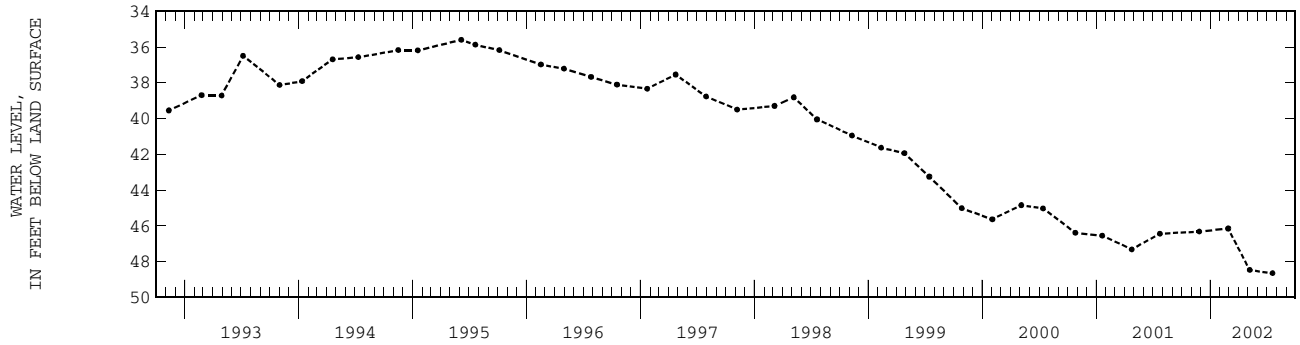


LOCAL NUMBER.--PC-138, Site ID 303357091330401.
LOCATION.--Lat 30°33'57", long 91°33'04", Hydrologic Unit 08070300, Sec. 16, T. 6S, R. 9E.
OWNER.--Village of Livonia.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 1,637 ft, screened 1,617-1,637, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 27 ft above NGVD of 1929. Measuring point: Top of 3-in. coupling, 0.6 ft above land-surface datum.
PERIOD OF RECORD.--1972-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.30 ft above land-surface datum, Apr. 1, 1960; lowest recorded, 48.64 ft below land-surface datum, July 19, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	46.31	FEB 27	46.14	MAY 07	48.46	JUL 19	48.64

WATER YEAR 2002 HIGHEST 46.14 FEB 27, 2002 LOWEST 48.64 JUL 19, 2002



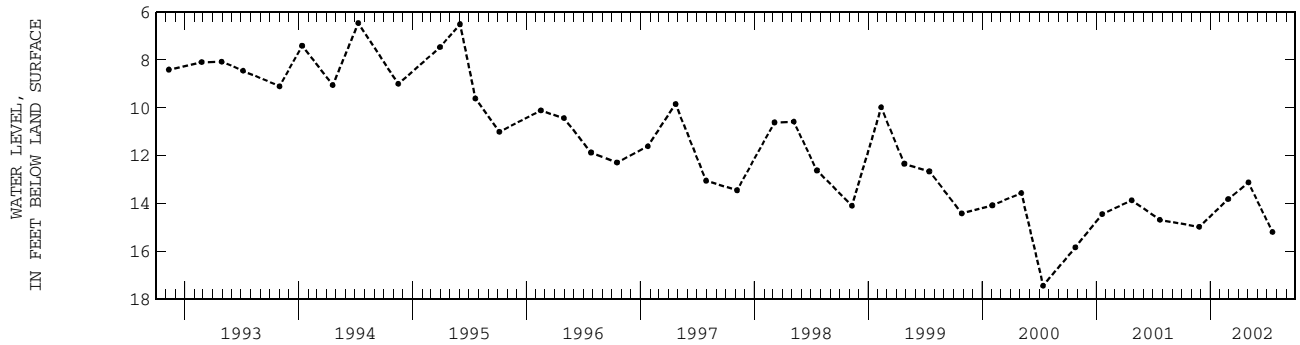
POINTE COUPEE PARISH--Continued

LOCAL NUMBER.--PC-143, Site ID 305023091393901.
LOCATION.--Lat 30°50'21", long 91°39'37", Hydrologic Unit 08080101, Sec. 37, T. 3S, R. 8E.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 1,228 ft, screened 1,218-1,228, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top of well casing, 1.55 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 18.60 ft above land-surface datum, Apr. 17, 1968; lowest recorded, 17.45 ft below land-surface datum, July 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	14.98	FEB 27	13.82	MAY 03	13.12	JUL 19	15.20

WATER YEAR 2002 HIGHEST 13.12 MAY 03, 2002 LOWEST 15.20 JUL 19, 2002

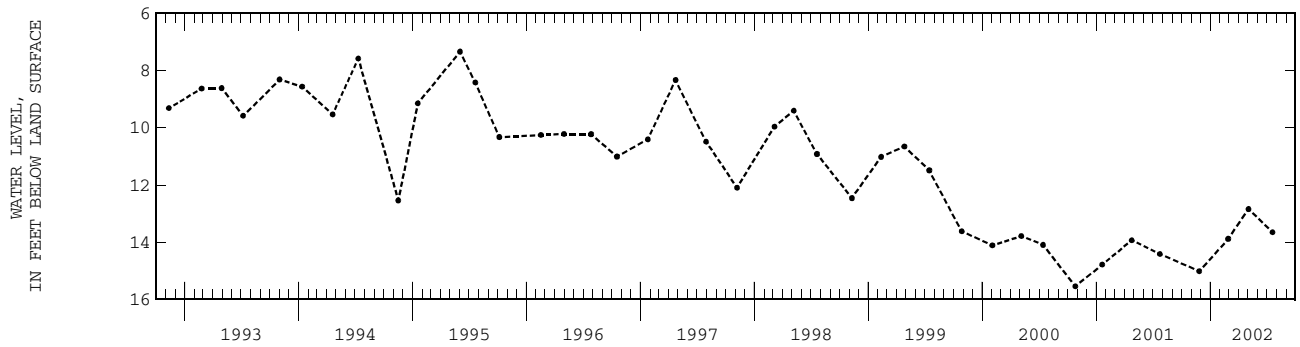


LOCAL NUMBER.--PC-144, Site ID 305023091393902.
LOCATION.--Lat 30°50'21", long 91°39'37", Hydrologic Unit 08080101, Sec. 37, T. 3S, R. 8E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 835 ft, screened 825-835, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top edge of well casing, 2.1 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.20 ft above land-surface datum, Apr. 17, 1968; lowest recorded, 15.54 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	15.01	FEB 27	13.88	MAY 03	12.84	JUL 19	13.65

WATER YEAR 2002 HIGHEST 12.84 MAY 03, 2002 LOWEST 15.01 NOV 26, 2001



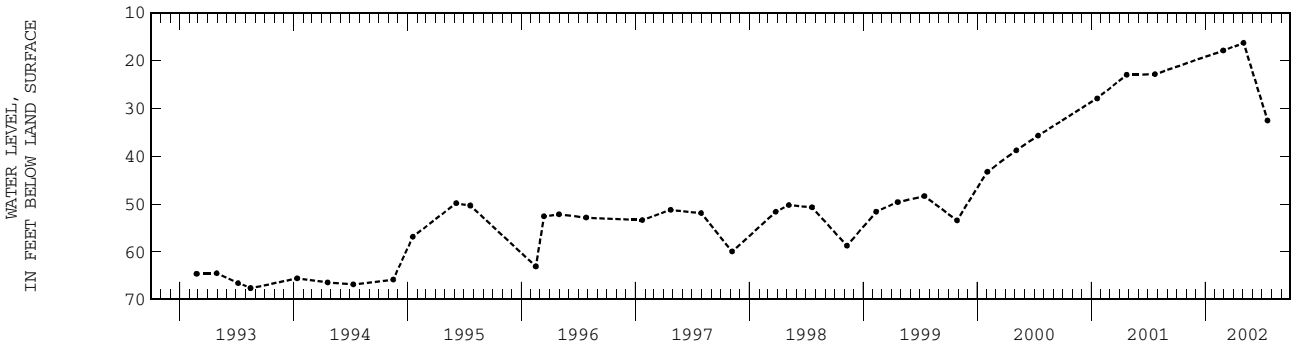
POINTE COUPEE PARISH--Continued

LOCAL NUMBER.--PC-154, Site ID 303538091232501.
LOCATION.--Lat 30°35'38", long 91°23'25", Hydrologic Unit 08070303, Sec. 48, T. 5S, R.11E.
AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).
WELL CHARACTERISTICS.--Depth 1,263 ft, screened 1,173-1,263, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 36 ft above NGVD of 1929. Measuring point: Top of collar welded to plate on top of well, 1.09 ft above land-surface datum.
PERIOD OF RECORD.--1972-73. 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.26 ft below land-surface datum, May 3, 2002; lowest recorded, 69.89 ft below land-surface datum, Feb. 20, 1990.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 27	17.88	MAY 03	16.26	JUL 19	32.52

WATER YEAR 2002 HIGHEST 16.26 MAY 03, 2002 LOWEST 32.52 JUL 19, 2002

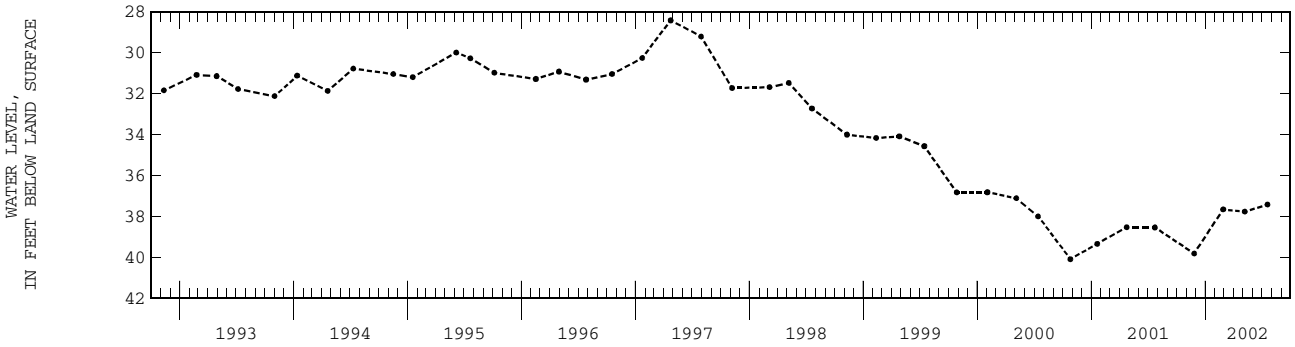


LOCAL NUMBER.--PC-155, Site ID 303250091365001.
LOCATION.--Lat 30°32'50", long 91°36'50", Hydrologic Unit 08070300, Sec. 31, T. 6S, R. 8E.
OWNER.--John Blanchard.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 990 ft, screened 970-990, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Hole on west side of sanitary seal, remove yellow bolt, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.20 ft below land-surface datum, Aug. 8, 1975; lowest recorded, 40.09 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	39.82	FEB 27	37.66	MAY 07	37.77	JUL 19	37.42

WATER YEAR 2002 HIGHEST 37.42 JUL 19, 2002 LOWEST 39.82 NOV 26, 2001



LOCAL NUMBER.--R-18, Site ID 311727092270901.
LOCATION.--Lat 31°17'27", long 92°27'09", Hydrologic Unit 08080102, Sec. 7, T. 4N, R. 1W.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 406 ft, screened interval unknown, casing diameter 12 in.
DATUM.--Elevation of land surface datum is 78.53 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. nipple on welded plate, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1939, 1954-87, 1989, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 69.73 ft below land-surface datum, Apr. 29, 1960; lowest recorded, 179.75 ft below land-surface datum, Oct. 21, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	113.24	AUG 06	111.06

WATER YEAR 2002 HIGHEST 111.06 AUG 06, 2002 LOWEST 113.24 JUN 10, 2002

LOCAL NUMBER.--R-425.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 462 ft, screened 390-462, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 80.60 ft above NGVD of 1929. Measuring point: Bottom lip of 2-in. nipple on north side of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1972-77, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 126.53 ft below land-surface datum, Aug. 6, 2002; lowest recorded, 222.43 ft below land-surface datum, June 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	222.43	AUG 06	126.53

WATER YEAR 2002 HIGHEST 126.53 AUG 06, 2002 LOWEST 222.43 JUN 10, 2002

LOCAL NUMBER.--R-612.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 577 ft, screened 537-577, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of 2-in. nipple in plate on top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1956, 1962, 1975-77, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.50 ft below land-surface datum, June 15, 1956; lowest recorded, 233.70 ft below land-surface datum, Jan. 16, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	232.38	AUG 06	257.52

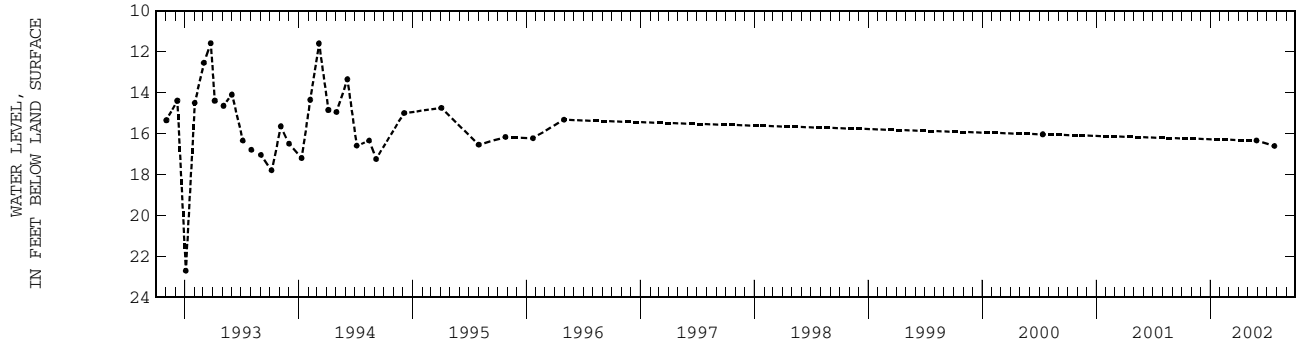
WATER YEAR 2002 HIGHEST 232.38 JUN 10, 2002 LOWEST 232.38 JUN 10, 2002

LOCAL NUMBER.--R-723, Site ID 311836092262701.
LOCATION.--Lat 31°18'36", long 92°26'27", Hydrologic Unit 08080102, Sec. 7, T. 4N, R. 1W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: File marks on top of 1 ¼-in. casing, 3.95 ft above land-surface datum.
PERIOD OF RECORD.--1958-96, 2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.13 ft above land-surface datum, May 12, 1958; lowest recorded, 39.02 ft below land-surface datum, Oct. 23, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 29	16.34	JUL 25	16.61

WATER YEAR 2002 HIGHEST 16.34 MAY 29, 2002 LOWEST 16.61 JUL 25, 2002



LOCAL NUMBER.--R-837.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,025 ft, screened 950-1,025, casing diameter 24 to 14 to 7 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Edge of black plastic pipe, 3.1 ft above land-surface datum.
PERIOD OF RECORD.--1972, 1975-76, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 169.25 ft below land-surface datum, Aug. 6, 2002; lowest recorded, 258.40 ft below land-surface datum, Aug. 6, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	171.12	AUG 06	169.25

WATER YEAR 2002 HIGHEST 169.25 AUG 06, 2002 LOWEST 171.12 JUN 10, 2002

LOCAL NUMBER.--R-847, Site ID 310740092380201.
LOCATION.--Lat 31°07'40", long 92°38'02", Hydrologic Unit 08080102, Sec. 24, T. 2N, R. 3W.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 105 ft, screened 95-105, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 192.90 ft above NGVD of 1929. Measuring point: File marks on top of bushing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1966-87, 1990, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.57 ft below land-surface datum, May 15, 1968, May 20, 1968; lowest recorded, 61.25 ft below land-surface datum, Apr. 9, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 22	51.16	JUL 25	51.34

WATER YEAR 2002 HIGHEST 51.16 APR 22, 2002 LOWEST 51.34 JUL 25, 2002

LOCAL NUMBER.--R-849, Site ID 310612092355301.
LOCATION.--Lat 31°06'12", long 92°35'53", Hydrologic Unit 08080102, Sec. 32, T. 2N, R. 2W.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 105 ft, screened 95-105, casing diameter 4 to 1 ½ in.
DATUM.--Elevation of land surface datum is 193.09 ft above NGVD of 1929. Measuring point: File marks on top of bushing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1966-87, 1990, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 42.10 ft above land-surface datum, May 10, 1968; lowest recorded, 56.14 ft below land-surface datum, Nov. 10, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

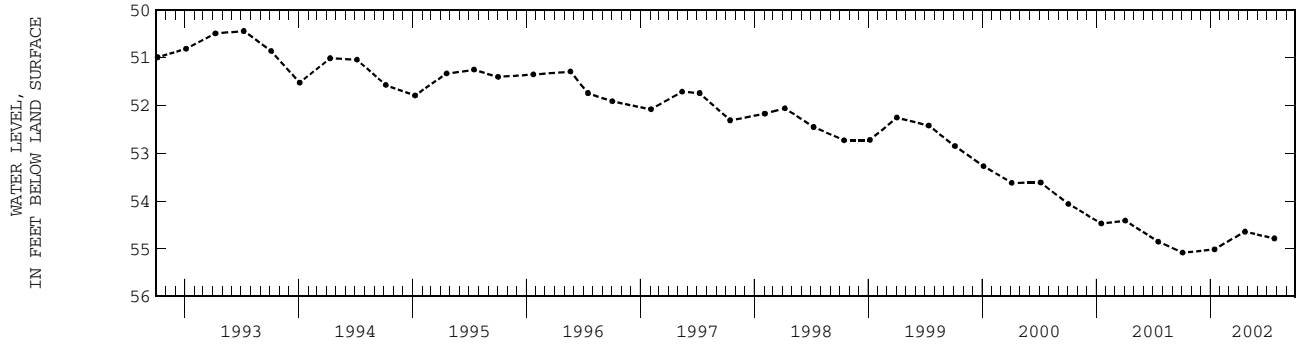
DATE	WATER LEVEL
JUL 25	52.11

LOCAL NUMBER.--R-851, Site ID 310928092421401.
LOCATION.--Lat 31°09'28", long 92°42'14", Hydrologic Unit 08080102, Sec. 8, T. 2N, R. 3W.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 131 ft, screened 128-131, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 220.55 ft above NGVD of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1966-86, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.44 ft below land-surface datum, July 9, 1993; lowest recorded, 56.79 ft below land-surface datum, Apr. 6, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	55.08	JAN 14	55.01	APR 22	54.64	JUL 25	54.78

WATER YEAR 2002 HIGHEST 54.64 APR 22, 2002 LOWEST 55.08 OCT 04, 2001



LOCAL NUMBER.--R-875.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 504 ft, screened 423-473 and 494-504, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 82 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. pipe on west side of well, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1967, 1972-73, 1975-77, 1989, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 82.30 above land-surface datum, Nov. 13, 1989; lowest recorded, 141.80 ft below land-surface datum, June 2, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	141.80	AUG 06	151.87

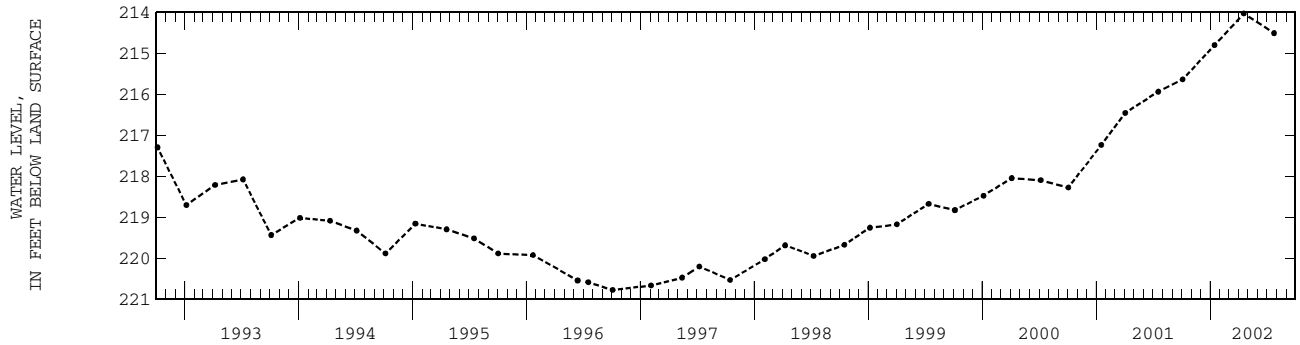
WATER YEAR 2002 HIGHEST 141.80 JUN 10, 2002 LOWEST 141.80 JUN 10, 2002

LOCAL NUMBER.--R-879, Site ID 312409092520901.
LOCATION.--Lat 31°24'09", long 92°52'09", Hydrologic Unit 08080203, Sec. 22, T. 5N, R. 5W.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 810 ft, screened 800-810, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 300 ft above NGVD of 1929. Measuring point: Top of casing, 3.9 ft above land-surface datum.
PERIOD OF RECORD.--1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 209.43 ft below land-surface datum, Apr. 8, 1969; lowest recorded, 220.78 ft below land-surface datum, Oct. 3, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	215.64	JAN 14	214.80	APR 18	214.03	JUL 24	214.51

WATER YEAR 2002 HIGHEST 214.03 APR 18, 2002 LOWEST 215.64 OCT 04, 2001



LOCAL NUMBER.--R-906.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 135 ft, screened 109-135, casing diameter 18 to 12 in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Bottom edge of 1 ½-in. breather pipe on south side of well, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1967-80, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.92 ft below land-surface datum, Apr. 26, 1968; lowest recorded, 99.26 ft below land-surface datum, June 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	98.26	AUG 06	99.05

LOCAL NUMBER.--R-930.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Evangeline aquifer of Pleistocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 225 ft, screened 183-225, casing diameter 18 to 12 in.
DATUM.--Elevation of land surface datum is 195 ft above NGVD of 1929. Measuring point: Bottom edge of 1 ½-in. pipe on south side of well, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1967-80, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.84 ft above land-surface datum, June 18, 1975; lowest recorded, 120.95 ft below land-surface datum, Aug. 24, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 10	52.55	AUG 06	52.05

WATER YEAR 2002 HIGHEST 52.05 AUG 06, 2002 LOWEST 52.55 JUN 10, 2002

LOCAL NUMBER.--R-1035, Site ID 310806092351801.
LOCATION.--Lat 31°08'06", long 92°35'18", Hydrologic Unit 08080102, Sec. 20, T. 2N, R. 2W.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 127 ft, screened 124-127, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 230 ft above NGVD of 1929. Measuring point: File marks on top of 1 ¼-in. casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1973-87, 1990, 1992, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 57.66 ft below land-surface datum, Apr. 22, 2002; lowest recorded, 87.25 ft below land-surface datum, Aug. 1, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 22	86.14	AUG 20	85.00

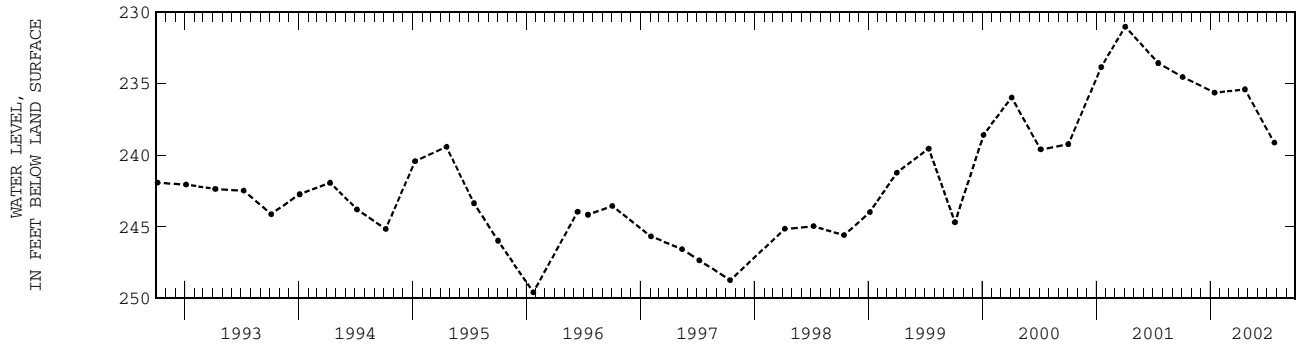
WATER YEAR 2002 HIGHEST 85.00 AUG 20, 2002 LOWEST 86.14 APR 22, 2002

LOCAL NUMBER.--R-1056, Site ID 311159092441001.
LOCATION.--Lat 31°11'59", long 92°44'10", Hydrologic Unit 08080102, Sec. 36, T. 3N, R. 4W.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,555 ft, screened 1,545-1,555, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 240 ft above NGVD of 1929. Measuring point: Top of bushing, 0.55 ft below land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 157.97 ft below land-surface datum, May 9, 1977; lowest recorded, 249.57 ft below land-surface datum, Jan. 23, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	234.54	JAN 14	235.63	APR 22	235.40	JUL 25	239.12

WATER YEAR 2002 HIGHEST 234.54 OCT 04, 2001 LOWEST 239.12 JUL 25, 2002

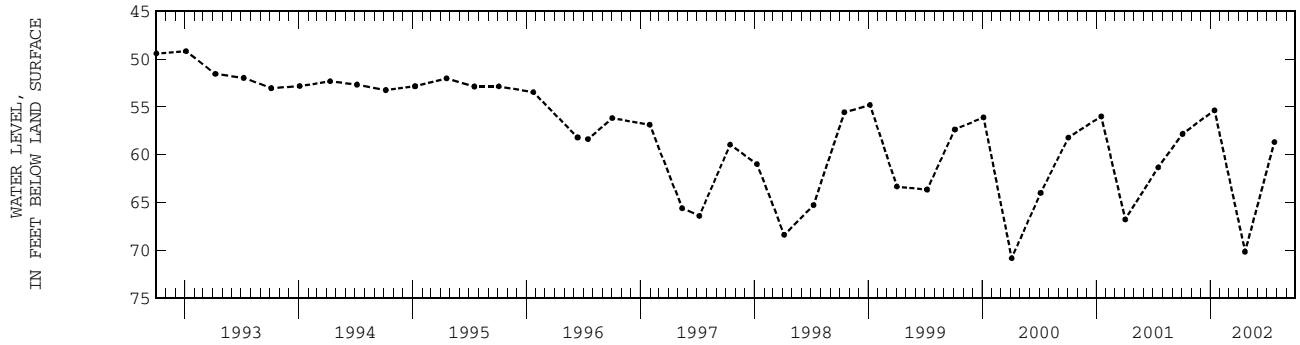


LOCAL NUMBER.--R-1085B, Site ID 310541092293601.
LOCATION.--Lat 31°05'41", long 92°29'36", Hydrologic Unit 08080102, Sec. 5, T. 1N, R. 1W.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 100 ft above NGVD of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.
PERIOD OF RECORD.--1975-84, 1987 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.60 ft below land-surface datum, May 20, 1975; lowest recorded, 70.85 ft below land-surface datum, Apr. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	57.83	JAN 14	55.37	APR 22	70.15	JUL 25	58.68

WATER YEAR 2002 HIGHEST 57.83 OCT 04, 2001 LOWEST 70.15 APR 22, 2002



LOCAL NUMBER.--R-1193.
LOCATION.--Hydrologic Unit 08080203.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 571 ft, screened 551-571, casing diameter 6 to 3 in.
DATUM.--Elevation of land surface datum is 207 ft above NGVD of 1929. Measuring point: 3/4-in. hole in top plate covering casing, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1980, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 90.00 ft below land-surface datum, June 16, 1980; lowest recorded, 175.63 ft below land-surface datum, Aug. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 01	174.27	AUG 13	174.27	AUG 13	175.63

WATER YEAR 2002 HIGHEST 174.27 APR 01, 2002 AUG 13, 2002 LOWEST 175.63 AUG 13, 2002

LOCAL NUMBER.--R-1202.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,190 ft, screened 1,153-1,190, casing diameter 12 3/4 to 8 5/8 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of access pipe, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1982, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 285.00 ft below land-surface datum (reported), Feb. 12, 1982; lowest recorded, 320.15 ft below land-surface datum, Aug. 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
AUG 06	320.15

LOCAL NUMBER.--R-1203.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 990 ft, screened 937-990, casing diameter 12 3/4 to 8 5/8 in.
DATUM.--Elevation of land surface datum is 75 ft above NGVD of 1929. Measuring point: Collar on top of plate covering casing, 2.35 ft above land-surface datum.
PERIOD OF RECORD.--1982, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 152.00 ft below land-surface datum (reported), Mar. 17, 1982; lowest recorded, 325.58 ft below land-surface datum, Aug. 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

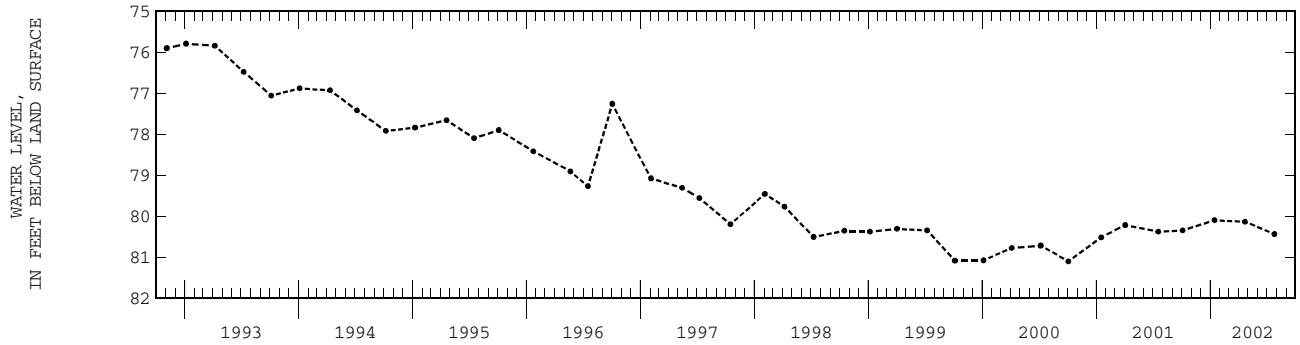
DATE	WATER LEVEL
AUG 06	352.58

LOCAL NUMBER.--R-1207, Site ID 310007092431601.
LOCATION.--Lat 31°00'07", long 92°43'16", Hydrologic Unit 08080203, Sec. 1, T. 1S, R. 4W.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 2,772 ft, screened 2,752-2,772, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Top of bushing, 4.2 ft above land-surface datum.
PERIOD OF RECORD.--1981-87, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.10 ft below land-surface datum, Dec. 1, 1981; lowest recorded, 81.11 ft below land-surface datum, Oct. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	80.35	JAN 14	80.10	APR 22	80.14	JUL 25	80.44

WATER YEAR 2002 HIGHEST 80.10 JAN 14, 2002 LOWEST 80.44 JUL 25, 2002



LOCAL NUMBER.--R-1208, Site ID 310007092431602.
LOCATION.--Lat 31°00'07", long 92°43'16", Hydrologic Unit 08080203, Sec. 1, T. 1S, R. 4W.
AQUIFER.--Chicot aquifer of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 117 ft, screened 92-117, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: File marks on top edge of casing, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1981-87, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.72 ft below land-surface datum, Mar. 21, 1985; lowest recorded, 32.41 ft below land-surface datum, Nov. 26, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
JUL 25	28.06

LOCAL NUMBER.--R-1299.
LOCATION.--Hydrologic Unit 11140207.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 1,060 ft, screened 985-1,015 and 1,040-,1060, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of breather pipe on south side of well, 2.1 ft above land-surface datum.
PERIOD OF RECORD.--1986, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 84.00 ft below land-surface datum (reported), Jan. 14, 1986; lowest recorded, 156.07 ft below land-surface datum, June 19, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	156.07	AUG 13	108.69

WATER YEAR 2002 HIGHEST 108.69 AUG 13, 2002 LOWEST 156.07 JUN 19, 2002

LOCAL NUMBER.--R-1307.
LOCATION.--Hydrologic Unit 08040301.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 803 ft, screened 768.5-803, casing diameter 20 to 12 3/4 to 8 5/8 in.
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Bottom edge of access pipe on north side of well, 1.45 ft above land-surface datum.
PERIOD OF RECORD.--1986, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 180.00 ft below land-surface datum (reported), Aug. 11, 1986; lowest recorded, 213.53 ft below land-surface datum, June 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 06	213.53	AUG 13	206.74	AUG 13	206.74

WATER YEAR 2002 HIGHEST 206.74 AUG 13, 2002 AUG 13, 2002 LOWEST 213.53 JUN 06, 2002

LOCAL NUMBER.--R-1310.
LOCATION.--Hydrologic Unit 08080203.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 535 ft, screened 505-535, casing diameter 8 5/8 to 6 in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe on west side under pump, 1.9 ft above land-surface datum.
PERIOD OF RECORD.--1987, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.00 ft below land-surface datum (reported), Apr. 2, 1987; lowest recorded, 101.65 ft below land-surface datum, Apr. 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 10	101.65	AUG 22	103.47

WATER YEAR 2002 HIGHEST 101.65 APR 10, 2002 LOWEST 101.65 APR 10, 2002

LOCAL NUMBER.--R-1431.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 528 ft, screened 460-524, casing diameter 14 in.
DATUM.--Elevation of land surface datum is 205 ft above NGVD of 1929. Measuring point: Bottom edge of 1 ½-in. breather pipe on south side of well, 1.9 ft below land-surface datum.
PERIOD OF RECORD.--Current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 289.23 ft below land-surface datum, Aug. 6, 2002; lowest recorded, 289.23 ft below land-surface datum, Aug. 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

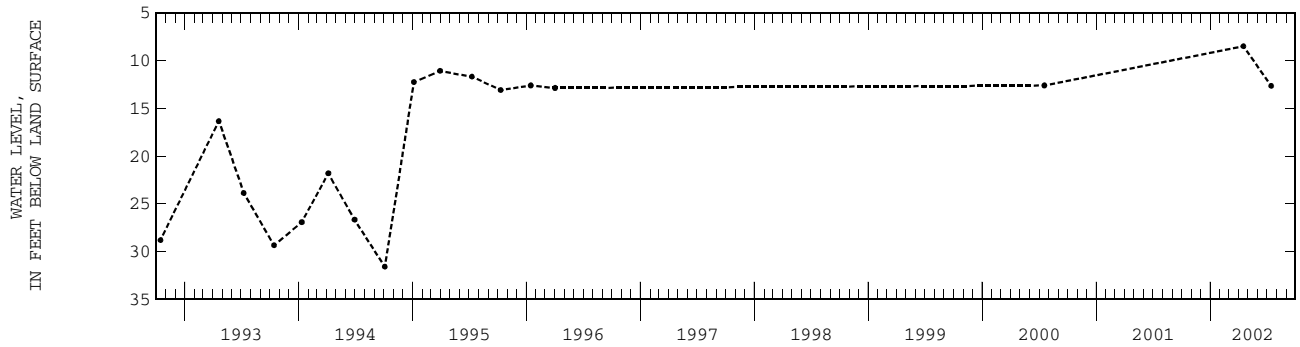
DATE	WATER LEVEL
AUG 06	289.23

LOCAL NUMBER.--RR-210, Site ID 315743093204601.
LOCATION.--Lat 31°57'43", long 93°20'46", Hydrologic Unit 11140206, Sec. 1, T.11N, R.10W.
AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).
WELL CHARACTERISTICS.--Depth 56 ft, screened 53-56, casing diameter 3 in.
DATUM.--Elevation of land surface datum is 133.48 ft above NGVD of 1929. Measuring point: File marks in top of bushing, 3.8 ft above land-surface datum.
PERIOD OF RECORD.--1971-96, 2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.62 ft below land-surface datum, May 23, 1990; lowest recorded, 33.23 ft below land-surface datum, May 9, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 17	8.52	JUL 15	12.68

WATER YEAR 2002 HIGHEST 8.52 APR 17, 2002 LOWEST 12.68 JUL 15, 2002



LOCAL NUMBER.--RR-274, Site ID 321010093143901.
LOCATION.--Lat 32°10'10", long 93°14'39", Hydrologic Unit 11140209, Sec. 25, T.14N, R. 9W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 206 ft, screened 196-206, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 235 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1979-87, 2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.04 ft below land-surface datum, May 15, 1980; lowest recorded, 62.42 ft below land-surface datum, Sep. 22, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	60.28	JUL 15	61.12

WATER YEAR 2002 HIGHEST 60.28 APR 11, 2002 LOWEST 61.12 JUL 15, 2002

LOCAL NUMBER.--RR-276, Site ID 321010093143902.
LOCATION.--Lat 32°10'10", long 93°14'39", Hydrologic Unit 11140209, Sec. 25, T.14N, R. 9W.
AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 42 ft, screened 39-42, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 235 ft above NGVD of 1929. Measuring point: File marks on top of 1 ¼-in. casing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1980-87, 2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.15 ft below land-surface datum, Apr. 11, 2002; lowest recorded, 31.95 ft below land-surface datum, Oct. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	20.65	JUL 15	23.35

WATER YEAR 2002 HIGHEST 20.65 APR 11, 2002 LOWEST 23.35 JUL 15, 2002

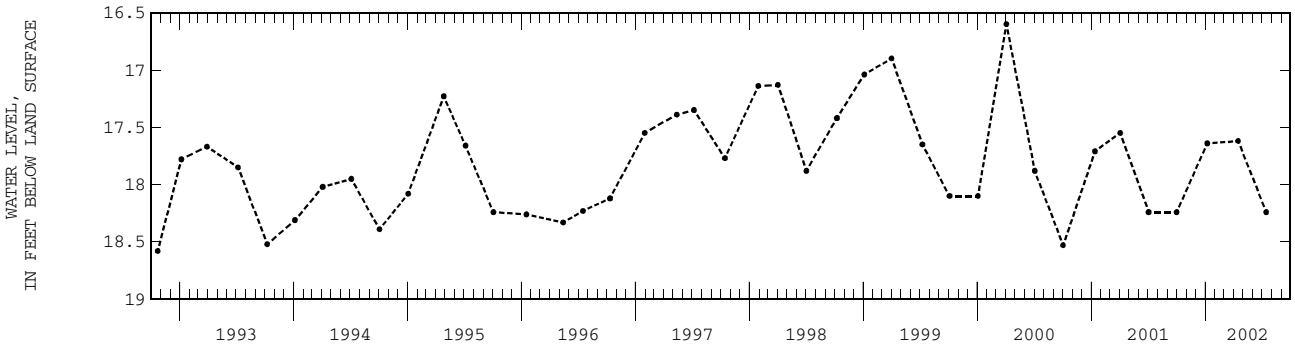
RED RIVER PARISH--Continued

LOCAL NUMBER.--RR-278, Site ID 320316093114201.
LOCATION.--Lat 32°03'16", long 93°11'42", Hydrologic Unit 11140209, Sec. 4, T.12N, R. 8W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 348 ft, screened 338-348, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.
PERIOD OF RECORD.--1981 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.60 ft below land-surface datum, Apr. 3, 2000; lowest recorded, 20.58 ft below land-surface datum, Nov. 24, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	18.24	JAN 07	17.64	APR 16	17.62	JUL 15	18.24

WATER YEAR 2002 HIGHEST 17.62 APR 16, 2002 LOWEST 18.24 OCT 01, 2001 JUL 15, 2002



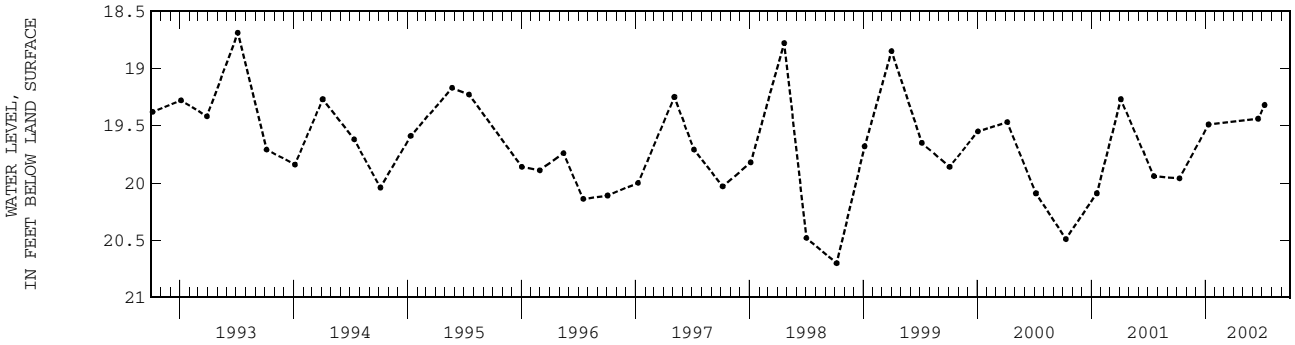
RICHLAND PARISH

LOCAL NUMBER.--Ri-89, Site ID 323029091430001.
LOCATION.--Lat 32°30'29", long 91°43'00", Hydrologic Unit 08050001, Sec. 26, T.18N, R. 7E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 300 ft, screened 290-300, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 84 ft above NGVD of 1929. Measuring point: Top of casing, 4.2 ft above land-surface datum.
PERIOD OF RECORD.--1969-73, 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.75 ft below land-surface datum, May 21, 1975; lowest recorded, 21.23 ft below land-surface datum, Sep. 10, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	19.96	JAN 11	19.49	JUN 19	19.44	JUL 10	19.32

WATER YEAR 2002 HIGHEST 19.32 JUL 10, 2002 LOWEST 19.96 OCT 10, 2001



LOCAL NUMBER.--Ri-91, Site ID 322706091453401.
LOCATION.--Lat 32°27'06", long 91°45'34", Hydrologic Unit 08050001, Sec. 16, T.17N, R. 7E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 180 ft, screened 170-180, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of casing, 3.9 ft above land-surface datum.
PERIOD OF RECORD.--1969-87, 1999, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.19 ft below land-surface datum, May 3, 1984; lowest recorded, 13.98 ft below land-surface datum, Nov. 30, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

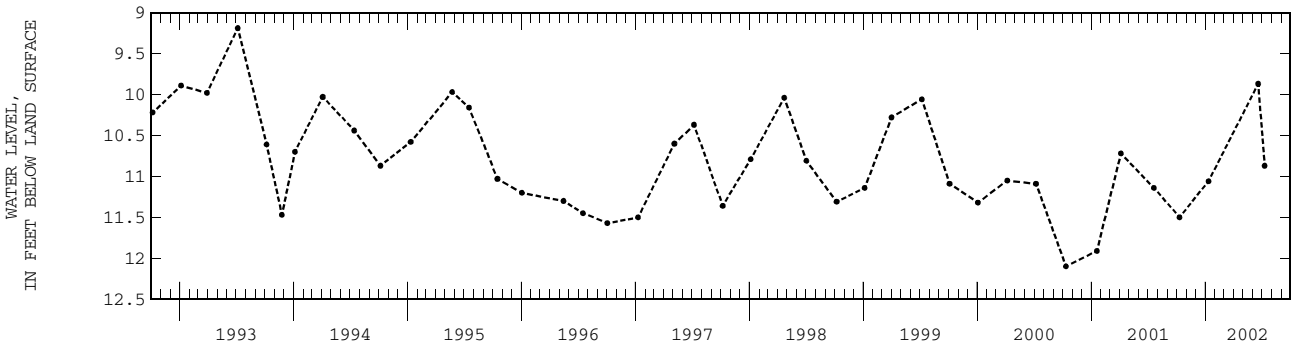
DATE	WATER LEVEL
JUL 10	10.93

LOCAL NUMBER.--Ri-92, Site ID 322706091453402.
LOCATION.--Lat 32°27'06", long 91°45'34", Hydrologic Unit 08050001, Sec. 16, T.17N, R. 7E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 153 ft, screened 143-153, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of hole in casing cap, 4.3 ft above land-surface datum.
PERIOD OF RECORD.--1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.08 ft below land-surface datum, Apr. 3, 1992; lowest recorded, 13.98 ft below land-surface datum, Nov. 30, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	11.50	JAN 11	11.06	JUN 19	9.87	JUL 10	10.87

WATER YEAR 2002 HIGHEST 9.87 JUN 19, 2002 LOWEST 11.50 OCT 10, 2001

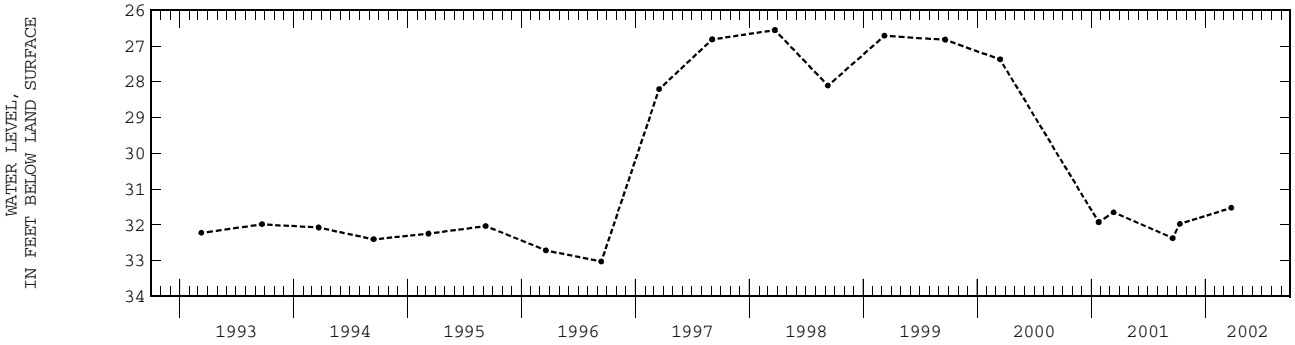


LOCAL NUMBER.--Ri-124, Site ID 322605091301101.
LOCATION.--Lat 32°26'05", long 91°30'11", Hydrologic Unit 08050002, Sec. 25, T.17N, R. 9E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 84 ft, screened 81-84, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 95 ft above NGVD of 1929. Measuring point: Top of casing, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1974-1984, 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.56 ft below land-surface datum, Mar. 23, 1998; lowest recorded, 34.53 ft below land-surface datum, Sep. 22, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	31.97	MAR 25	31.52

WATER YEAR 2002 HIGHEST 31.52 MAR 25, 2002 LOWEST 31.97 OCT 11, 2001



SABINE PARISH

LOCAL NUMBER.--Sa-386, Site ID 311828093270301.
LOCATION.--Lat 31°18'28", long 93°27'03", Hydrologic Unit 12010005, Sec. 24, T. 4N, R.11W.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 131 ft, screened 126-131, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 242 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.2 ft above land-surface datum.
PERIOD OF RECORD.--1965-87, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.78 ft below land-surface datum, Apr. 24, 1973, May 19, 1975; lowest recorded, 17.73 ft below land-surface datum, Oct. 29, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 18	13.30	JUL 15	16.11

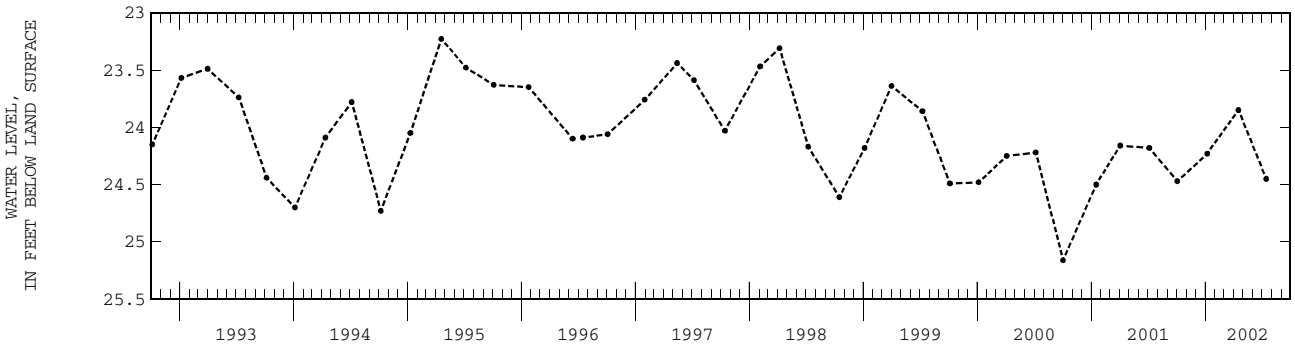
WATER YEAR 2002 HIGHEST 13.30 APR 18, 2002 LOWEST 16.11 JUL 15, 2002

LOCAL NUMBER.--Sa-392, Site ID 312206093311001.
LOCATION.--Lat 31°22'06", long 93°31'10", Hydrologic Unit 12010005, Sec. 32, T. 5N, R.11W.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 544 ft, screened 539-544. casing diameter 2 in.
DATUM.--Elevation of land surface datum is 242 ft above NGVD of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.23 ft below land-surface datum, Apr. 19, 1995; lowest recorded, 26.30 ft below land-surface datum, Nov. 13, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	24.47	JAN 07	24.23	APR 17	23.85	JUL 15	24.45

WATER YEAR 2002 HIGHEST 23.85 APR 17, 2002 LOWEST 24.47 OCT 03, 2001



LOCAL NUMBER.--Sa-394, Site ID 313748093451001.
LOCATION.--Lat 31°37'48", long 93°45'10", Hydrologic Unit 12010004, Sec. 36, T. 8N, R.14W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 278 ft, screened 273-278, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1965-87, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 106.74 ft below land-surface datum, Apr. 9, 1975; lowest recorded, 118.85 ft below land-surface datum, Oct. 4, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

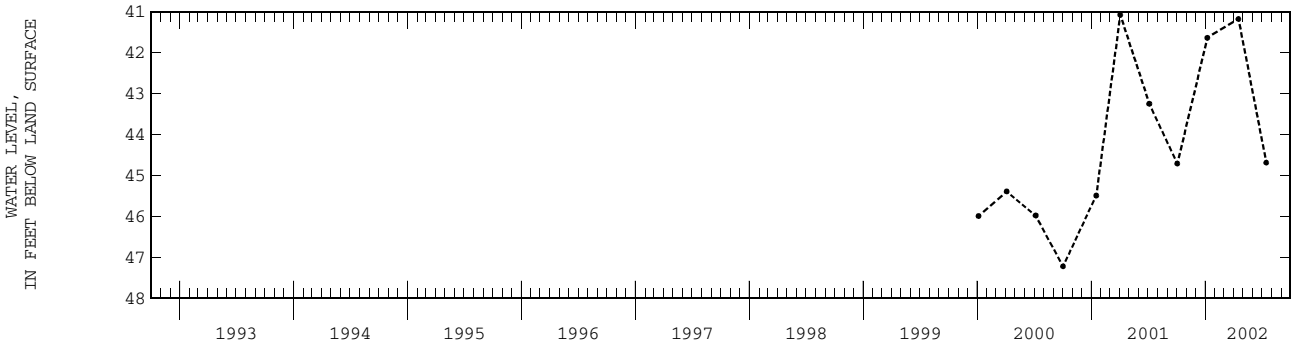
DATE	WATER LEVEL
JUL 15	109.21

LOCAL NUMBER.--Sa-465, Site ID 312725093325301.
LOCATION.--Lat 31°27'25", long 93°32'53", Hydrologic Unit 12010004, Sec. 39, T. 6N, R.12W.
AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).
WELL CHARACTERISTICS.--Depth 80 ft, screened 70-80, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: File marks on top of casing, 4.04 ft above land-surface datum.
PERIOD OF RECORD.--1978-87. current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.55 ft below land-surface datum, May 28, 1980; lowest recorded, 47.46 ft below land-surface datum, Sep. 21, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	44.71	JAN 07	41.64	APR 17	41.18	JUL 15	44.69

WATER YEAR 2002 HIGHEST 41.18 APR 17, 2002 LOWEST 44.71 OCT 03, 2001

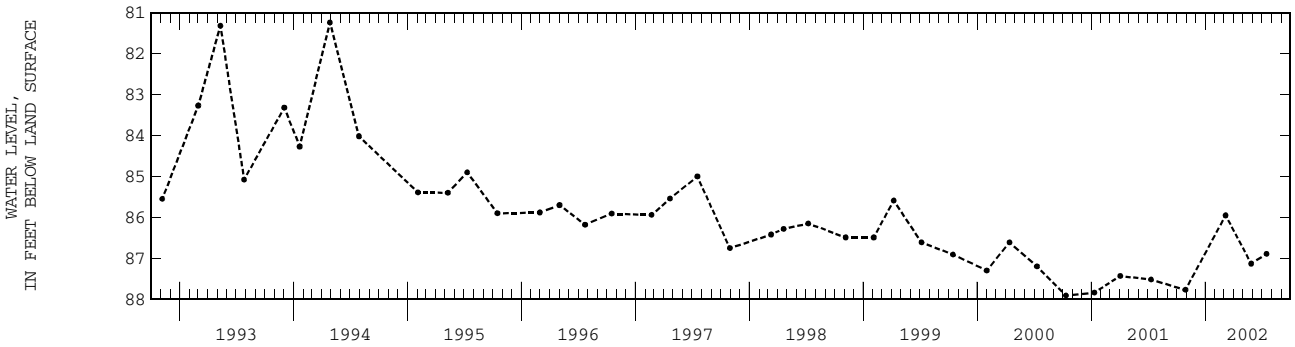


LOCAL NUMBER.--SH-9, Site ID 305300090502701.
LOCATION.--Lat 30°53'00", long 90°50'27", Hydrologic Unit 08070202, Sec. 73, T. 2S, R. 4E.
AQUIFER.--Zone 3 Florida Parishes and Pointe Coupee Parish of Miocene age (12203FP).
WELL CHARACTERISTICS.--Depth 2,135 ft, screened 2,106-2,135, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 165 ft above NGVD of 1929. Measuring point: 3/8-in hole in top of sanitary seal, 1.28 ft above land-surface datum.
PERIOD OF RECORD.--1960 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.70 ft below land-surface datum, June 25, 1960; lowest recorded, 87.97 ft below land-surface datum, Jan. 30, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	87.77	MAR 07	85.95	MAY 28	87.13	JUL 16	86.89

WATER YEAR 2002 HIGHEST 85.95 MAR 07, 2002 LOWEST 87.77 OCT 29, 2001



LOCAL NUMBER.--SH-48, Site ID 305519090481801.
LOCATION.--Lat 30°55'19", long 90°48'18", Hydrologic Unit 08070202, Sec. 43, T. 1S, R. 4E.
AQUIFER.--Upland terrace of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth unknown, screen unknown, casing diameter 4 to 2 ½ in.
DATUM.--Elevation of land surface datum is 245 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1984, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.49 ft below land-surface datum, Mar. 4, 1991; lowest recorded, 59.03 ft below land-surface datum, July 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	58.88	JUL 16	59.03

WATER YEAR 2002 HIGHEST 58.88 JUN 19, 2002 LOWEST 59.03 JUL 16, 2002

LOCAL NUMBER.--SH-56, Site ID 303912090542701.
LOCATION.--Lat 30°39'12", long 90°54'27", Hydrologic Unit 08070202, Sec. 50, T. 4S, R. 3E.
AQUIFER.--Upland terrace of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 160 ft, screened 145-160, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 77 ft above NGVD of 1929. Measuring point: Top of 4-in. PVC pipe, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1984, 1988-89, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.30 ft below land-surface datum, July 17, 1989; lowest recorded, 10.06 ft below land-surface datum, July 17, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	10.03	JUL 17	10.06

WATER YEAR 2002 HIGHEST 10.03 JUN 19, 2002 LOWEST 10.06 JUL 17, 2002

LOCAL NUMBER.--SH-76, Site ID 305540090374701.
LOCATION.--Lat 30°55'40", long 90°37'47", Hydrologic Unit 08070205, Sec. 43, T. 1S, R. 6E.
AQUIFER.--Upland terrace of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 80 ft, screened 70-80, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 250 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.2 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.78 ft below land-surface datum, Mar. 4, 1991; lowest recorded, 20.00 ft below land-surface datum (reported), Jan 16, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	18.20	JUL 16	18.29

WATER YEAR 2002 HIGHEST 18.20 JUN 19, 2002 LOWEST 18.29 JUL 16, 2002

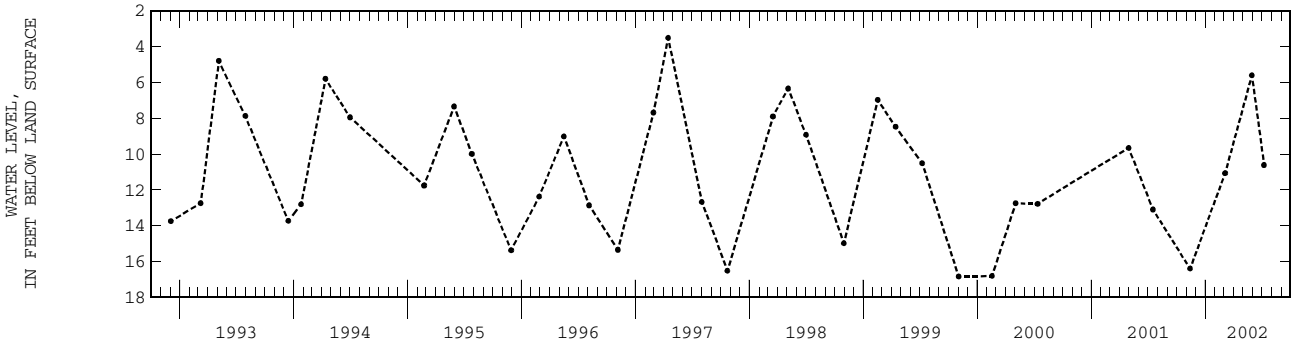
ST. JAMES PARISH

LOCAL NUMBER.--SJ-86 , Site ID 300024090433501.
LOCATION.--Lat 30°00'24", long 90°43'35", Hydrologic Unit 08090301, Sec. 20, T.12S, R.17E.
AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).
WELL CHARACTERISTICS.--Depth 290 ft, screened 280-290, casing diameter 3 in.
DATUM.--Elevation of land surface datum is 18.30 ft above NGVD of 1929. Measuring point: Top of 2-in. nipple extending from top of casing collar, 1.44 ft above land-surface datum.
PERIOD OF RECORD.--1960 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.52 ft below land-surface datum, Apr. 15, 1997 lowest recorded, 19.00 ft below land-surface datum, Oct. 31, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 13	16.40	MAR 05	11.08	MAY 30	5.61	JUL 08	10.62

WATER YEAR 2002 HIGHEST 5.61 MAY 30, 2002 LOWEST 16.40 NOV 13, 2001

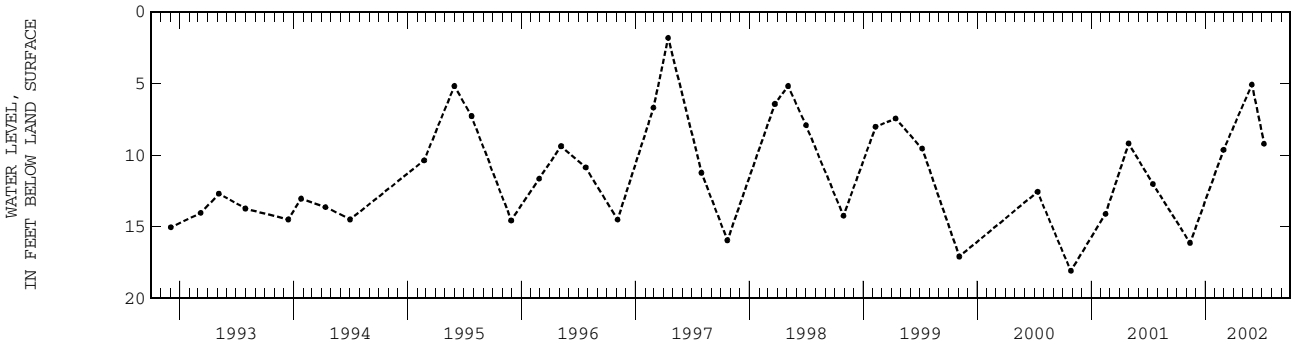


LOCAL NUMBER.--SJ-203, Site ID 300445090520301.
LOCATION.--Lat 30°04'45", long 90°52'03", Hydrologic Unit 08070204, Sec. 38, T.11S, R. 3E.
AQUIFER.--Norco aquifer of Pleistocene age (112NORC).
WELL CHARACTERISTICS.--Depth 444 ft, screened 384-444, casing diameter 18 to 12 to 10 in.
DATUM.--Elevation of land surface datum is 19 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. vent pipe, 0.65 ft above land-surface datum.
PERIOD OF RECORD.--1975, 1985 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.83 ft below land-surface datum, Apr. 15, 1997; lowest recorded, 18.74 ft below land-surface datum, Mar. 29, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 13	16.13	FEB 28	9.65	MAY 30	5.09	JUL 08	9.22

WATER YEAR 2002 HIGHEST 5.09 MAY 30, 2002 LOWEST 16.13 NOV 13, 2001



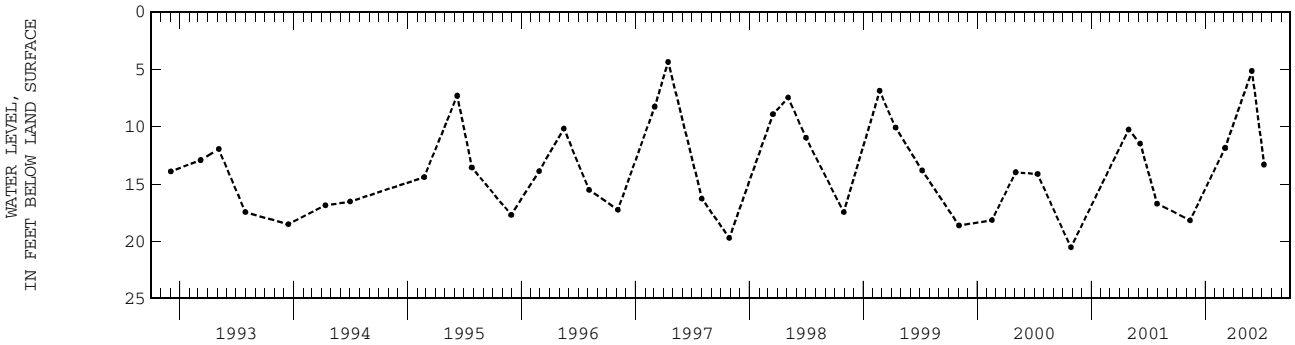
ST. JOHN THE BAPTIST PARISH

LOCAL NUMBER.--SJB-145, Site ID 300234090390301.
LOCATION.--Lat 30°02'34", long 90°39'03", Hydrologic Unit 08090301, Sec. 18, T.12S, R.18E.
AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).
WELL CHARACTERISTICS.--Depth 315 ft, screened 305-315, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 17.71 ft above NGVD of 1929. Measuring point: Top of ¼-in. hole in cap, 2.60 ft above land-surface datum.
PERIOD OF RECORD.--1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.91 ft below land-surface datum, May 17, 1973; lowest recorded, 21.34 ft below land-surface datum, Jan. 13, 1964.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 13	18.18	MAR 05	11.86	MAY 30	5.14	JUL 08	13.31

WATER YEAR 2002 HIGHEST 5.14 MAY 30, 2002 LOWEST 18.18 NOV 13, 2001

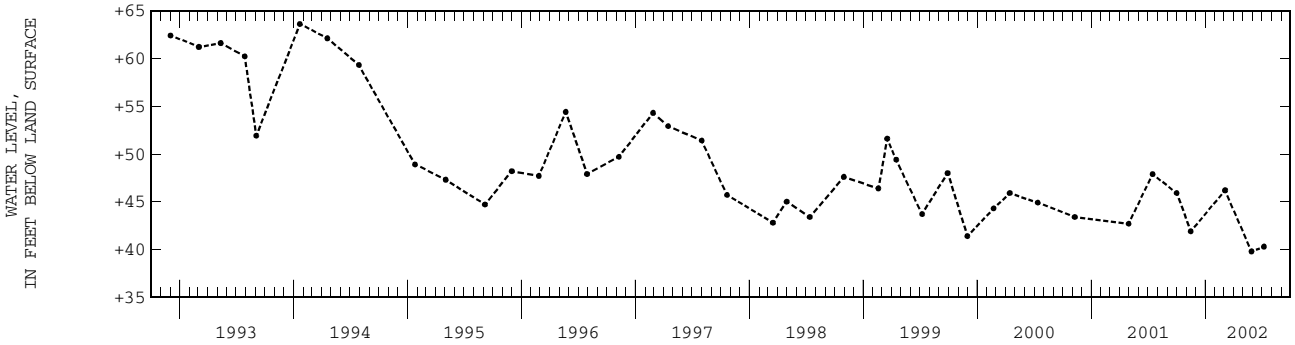


LOCAL NUMBER.--SJB-165.
LOCATION.--Hydrologic Unit 08070204.
AQUIFER.--Covington aquifer of Pliocene age (120CVNG).
WELL CHARACTERISTICS.--Depth 3,000 ft, screened 2,900-3,000, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 6 ft above NGVD of 1929. Measuring point: Center line of sample faucet in horizontal 12-in. casing, 3.40 ft above land-surface datum.
PERIOD OF RECORD.--1974, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 94.8 ft above land-surface datum, Sep. 23, 1974; lowest recorded, 39.8 ft above land-surface datum, May 29, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	+45.9	NOV 15	+41.9	MAR 05	+46.2	MAY 29	+39.8	JUL 08	+40.3

WATER YEAR 2002 HIGHEST +46.2 MAR 05, 2002 LOWEST +39.8 MAY 29, 2002

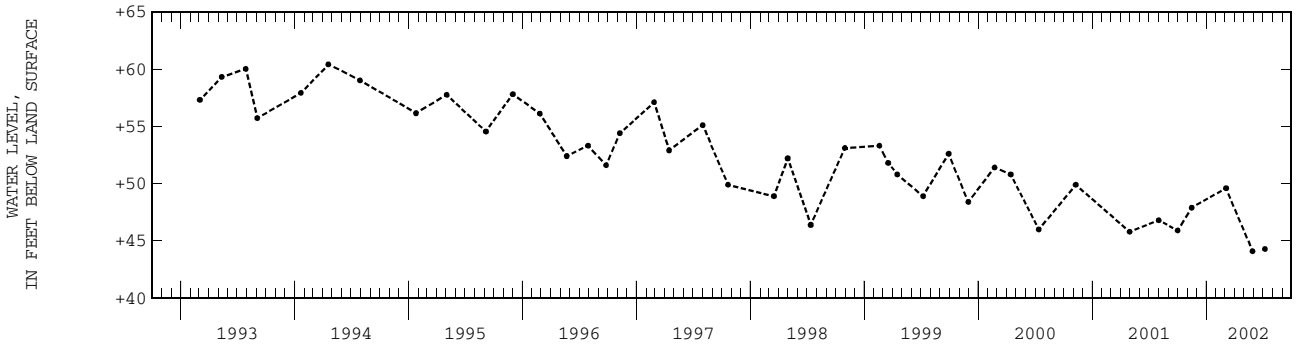


LOCAL NUMBER.--SJB-176.
LOCATION.--Hydrologic Unit 08070204.
AQUIFER.--Covington aquifer of Pliocene age (120CVNG).
WELL CHARACTERISTICS.--Depth 2,950 ft, screened 2,822-2,950, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 5.4 ft above NGVD of 1929. Measuring point: Center line of sample faucet on horizontal 16-in. casing, 2.90 ft above land-surface datum.
PERIOD OF RECORD.--1985, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 72.19 ft above land-surface datum, Sep. 16, 1985; lowest recorded, 44.1 ft above land-surface datum, May 29, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	+45.9	NOV 15	+47.9	MAR 05	+49.6	MAY 29	+44.1	JUL 08	+44.3

WATER YEAR 2002 HIGHEST +49.6 MAR 05, 2002 LOWEST +44.1 MAY 29, 2002

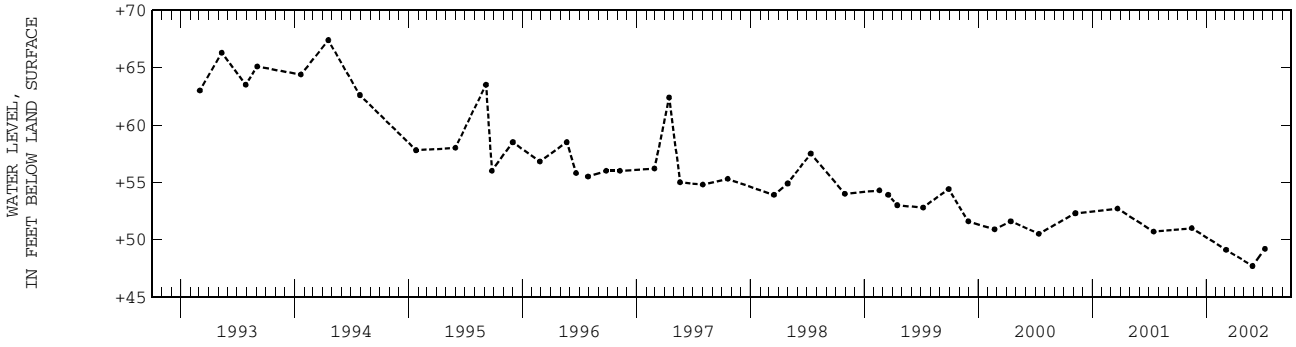


LOCAL NUMBER.--SJB-180, Site ID 301143090260101.
LOCATION.--Lat 30°11'55", long 90°25'50", Hydrologic Unit 08070204, Sec. 7, T.10S, R. 8E.
AQUIFER.--Covington aquifer of Pliocene age (120CVNG).
WELL CHARACTERISTICS.--Depth 3,091 ft, screened 3,070-3,091, casing diameter 8 5/8 to 4 ½ in.
DATUM.--Elevation of land surface datum is 1 ft above NGVD of 1929. Measuring point: Center line of 2-in. discharge pipe, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.40 ft above land-surface datum, Apr. 19, 1994; lowest recorded, 47.4 ft above land-surface datum, May 29, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	+51.0	MAR 05	+49.1	MAY 29	+47.7	JUL 08	+49.2

WATER YEAR 2002 HIGHEST +51.0 NOV 15, 2001 LOWEST +47.7 MAY 29, 2002

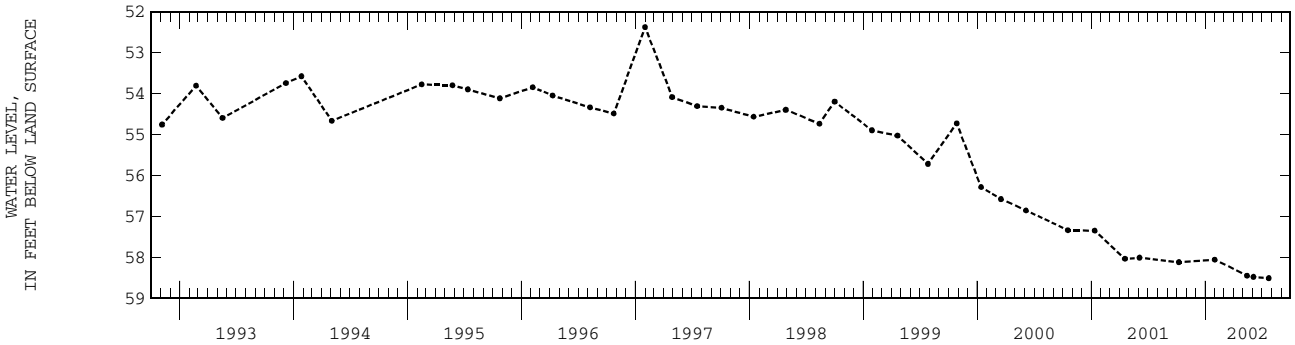


LOCAL NUMBER.--SL-179, Site ID 304116092083601.
LOCATION.--Lat 30°41'16", long 92°08'36", Hydrologic Unit 08080102, Sec. 40, T. 4S, R. 3E.
AQUIFER.--Chicot aquifer of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 94 ft, screened 91-94, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 55.23 ft above NGVD of 1929. Measuring point: Top of 1 ¼ casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--1957-72, 1974-79, 1981 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.23 ft below land-surface datum, Apr. 28, 1958; lowest recorded, 58.50 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	58.11	JAN 31	58.05	MAY 14	58.44	JUN 04	58.47	JUL 23	58.50

WATER YEAR 2002 HIGHEST 58.05 JAN 31, 2002 LOWEST 58.50 JUL 23, 2002



LOCAL NUMBER.--SL-202.
LOCATION.--Hydrologic Unit 08080102.
AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).
WELL CHARACTERISTICS.--Depth 458 ft, screened 377-458, casing diameter 12 to 6 in.
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Bottom edge of 2-in. vent pipe on north side of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1965, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.00 ft below land-surface datum, Feb. 12, 1965; lowest recorded, 69.27 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 15	69.01	MAY 14	69.20	JUL 23	69.27

WATER YEAR 2002 HIGHEST 69.01 FEB 15, 2002 LOWEST 69.27 JUL 23, 2002

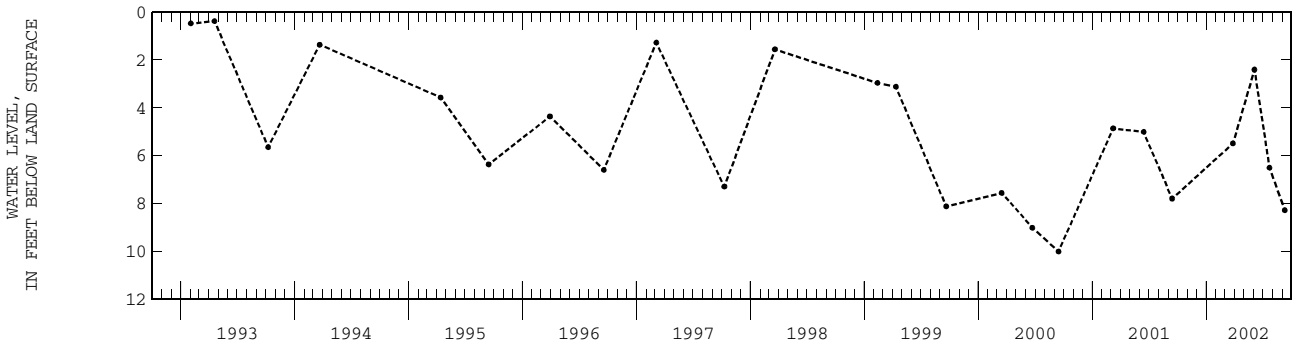
ST. MARTIN PARISH

LOCAL NUMBER.--SMn-108 Site ID 301304091424001.
LOCATION.--Lat 30°13'04", long 91°42'40", Hydrologic Unit 08080102, Sec. 36, T. 9S, R. 7E.
AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).
WELL CHARACTERISTICS.--Depth 505 ft, Screened 500-505, Casing diameter 2 in.
DATUM.-- Elevation of land surface datum is 11.34 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.40 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.54 ft above land-surface datum, Apr. 13, 1973; lowest recorded, 10.02 ft below land-surface datum, Sep. 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 27	5.49	JUN 04	2.40	JUL 22	6.51	SEP 09	8.29

WATER YEAR 2002 HIGHEST 2.40 JUN 04, 2002 LOWEST 8.29 SEP 09, 2002

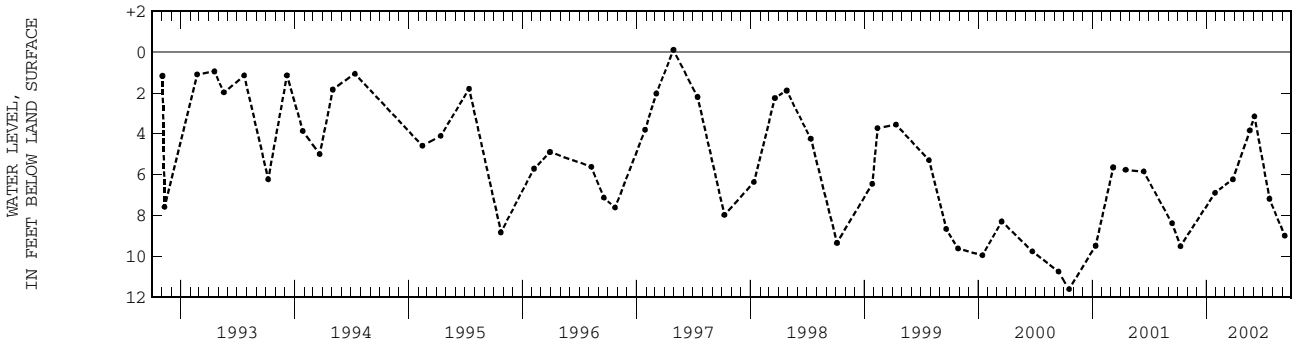


LOCAL NUMBER.--SMn-109 Site ID 301304091424002.
LOCATION.--Lat 30°13'04", long 91°42'40", Hydrologic Unit 08080102, Sec. 36, T. 9S, R. 7E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 375 ft, Screened 370-375, Casing diameter 2 in.
DATUM.-- Elevation of land surface datum is 11.34 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.40 ft above land-surface datum.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.94 ft above land-surface datum, Feb. 27, 1974; lowest recorded, 11.59 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	9.49	MAR 27	6.22	JUN 04	3.15	SEP 09	8.98				
JAN 29	6.88	MAY 20	3.84	JUL 22	7.17						

WATER YEAR 2002 HIGHEST 3.15 JUN 04, 2002 LOWEST 9.49 OCT 10, 2001

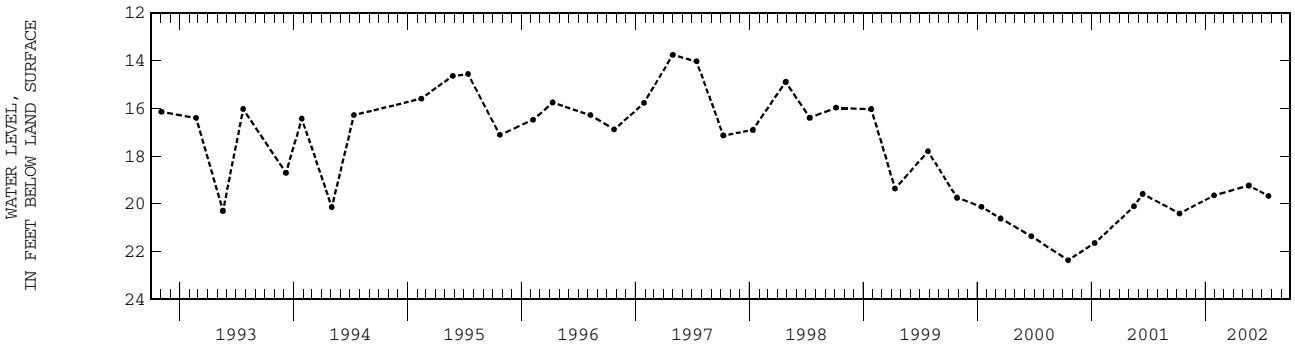


LOCAL NUMBER.--SMn-134B, Site ID 300947091472102.
LOCATION.--Lat 30°09'47", long 91°47'21", Hydrologic Unit 08080201, Sec. 47, T.10S, R. 7E.
AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).
WELL CHARACTERISTICS.--Depth 846 ft, screened 836-846, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.50 ft above land-surface datum.
PERIOD OF RECORD.--1975-79, 1981, 1983, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.42 ft below land-surface datum, June 4, 1975; lowest recorded, 22.37 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	20.41	JAN 29	19.65	MAY 20	19.24	JUL 22	19.68

WATER YEAR 2002 HIGHEST 19.24 MAY 20, 2002 LOWEST 20.41 OCT 10, 2001



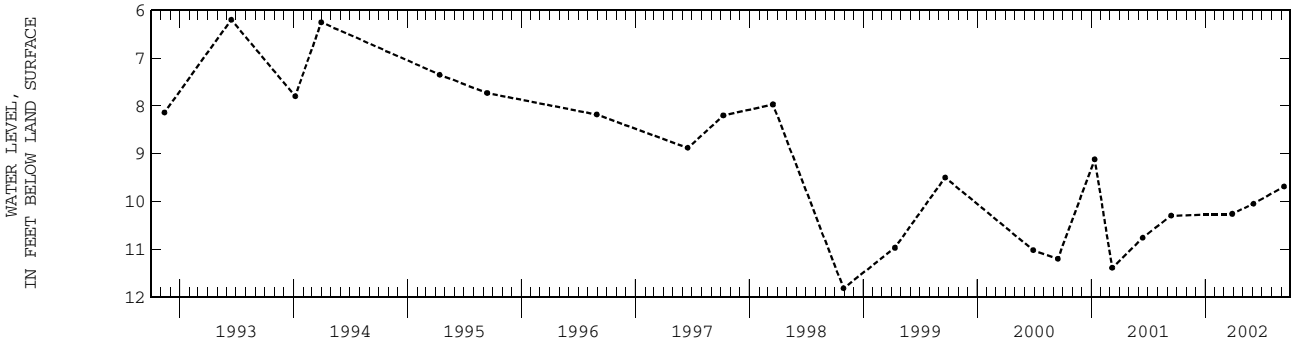
ST.MARY PARISH

LOCAL NUMBER.--SM-57U, Site ID 294749091402301.
LOCATION.--Lat 29°47'49", long 91°40'23", Hydrologic Unit 08080103, Sec. 27, T.14S, R. 8E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 638 ft, screened 628-638, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 8.72 ft above NGVD of 1929. Measuring point: Top of 1 ½ in. casing, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--1964-85, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.20 ft below land-surface datum, June 15, 1993; lowest recorded, 11.82 ft below land-surface datum, Oct. 29, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	10.26	JUN 04	10.05	SEP 10	9.69

WATER YEAR 2002 HIGHEST 9.69 SEP 10, 2002 LOWEST 10.26 MAR 28, 2002

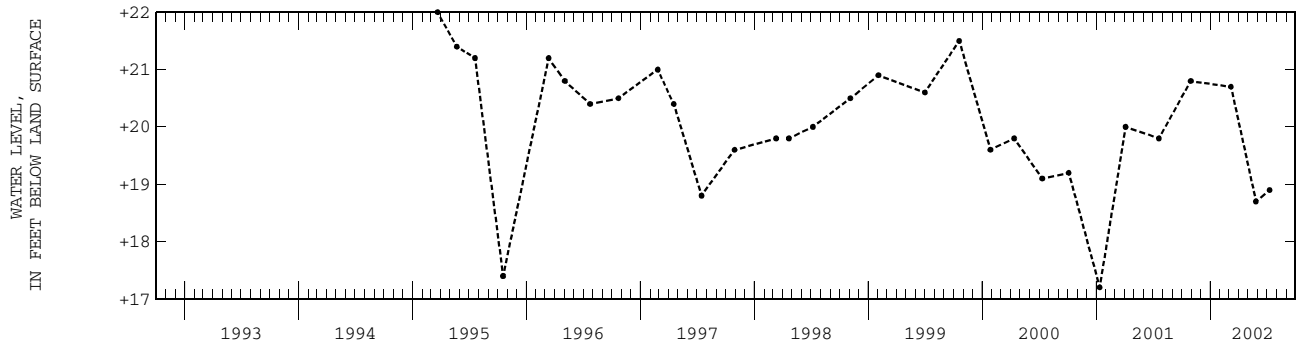


LOCAL NUMBER.--ST-532, Site ID 302052090010201.
LOCATION.--Lat 30°20'52", long 90°01'02", Hydrologic Unit 08090201, Sec. 43, T. 8S, R.12E.
AQUIFER.--Big Branch aquifer of Pliocene age (121BGBC).
WELL CHARACTERISTICS.--Depth 1,519 ft, screened interval unknown, casing diameter 10 in.
DATUM.--Elevation of land surface datum is 8 ft above NGVD of 1929. Measuring point: Center line of faucet in 8-in. discharge line, 3.3 ft above land-surface datum.
PERIOD OF RECORD.--1949, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.00 ft above land-surface datum, Oct. 19, 1949; lowest recorded, 17.2 ft above land-surface datum, Jan. 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	+20.8	MAR 08	+20.7	MAY 27	+18.7	JUL 10	+18.9

WATER YEAR 2002 HIGHEST +20.8 OCT 30, 2001 LOWEST +18.7 MAY 27, 2002

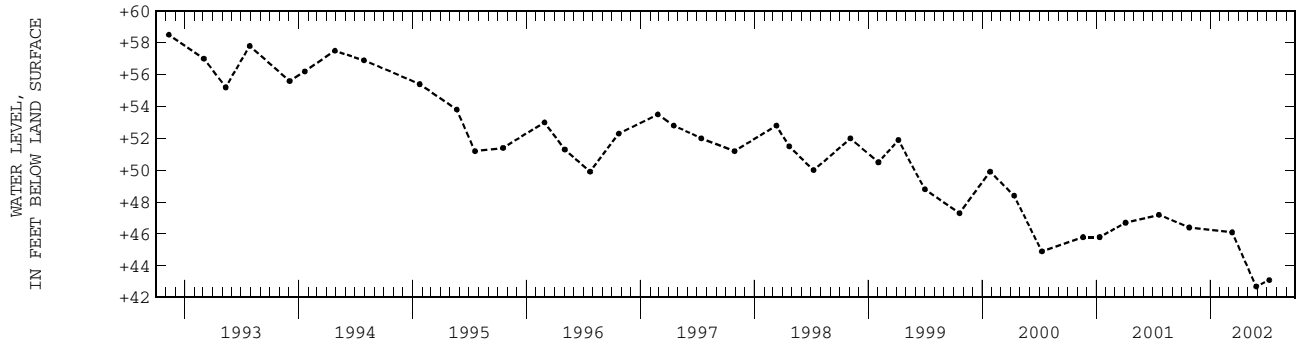


LOCAL NUMBER.--ST-563.
LOCATION.--Hydrologic Unit 08090201.
AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).
WELL CHARACTERISTICS.--Depth 2,411 ft, screened 2,262-2,322 and 2,343-2,411, casing diameter 10 in.
DATUM.--Elevation of land surface datum is 10.24 ft above NGVD of 1929. Measuring point: Center line of sample faucet on discharge line, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 118.9 ft above land-surface datum, June 12, 1958; lowest recorded, 42.7 ft above land-surface datum, May 28, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	+46.4	MAR 12	+46.1	MAY 28	+42.7	JUL 09	+43.1

WATER YEAR 2002 HIGHEST +46.4 OCT 25, 2001 LOWEST +42.7 MAY 28, 2002

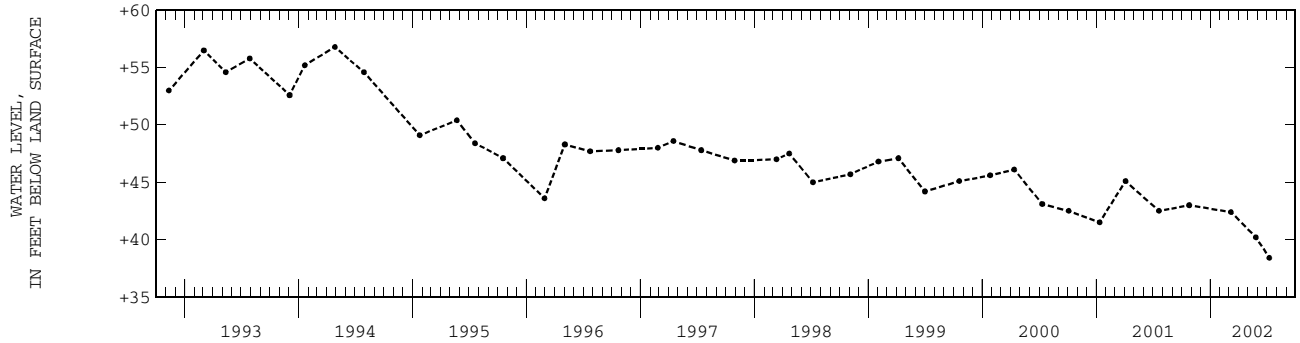


LOCAL NUMBER.--ST-576, Site ID 301920089560801.
LOCATION.--Lat 30°19'20", long 89°56'08", Hydrologic Unit 08090201, Sec. 43, T. 8S, R.13E.
AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).
WELL CHARACTERISTICS.--Depth 2,334 ft, screened 2,238-2,334, casing diameter 7 in.
DATUM.--Elevation of land surface datum is 17 ft above NGVD of 1929. Measuring point: Center line of sample faucet on 7-in. discharge line, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1961, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 108.00 ft above land-surface datum, Feb. 23, 1961; lowest recorded, 38.4 ft above land-surface datum, July 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	+43.0	MAR 08	+42.4	MAY 27	+40.2	JUL 09	+38.4

WATER YEAR 2002 HIGHEST +43.0 OCT 25, 2001 LOWEST +38.4 JUL 09, 2002



LOCAL NUMBER.--ST-604, Site ID 303425090143501.
LOCATION.--Lat 30°34'25", long 90°14'35", Hydrologic Unit 08090201, Sec. 31, T. 5S, R.10E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)
WELL CHARACTERISTICS.--Depth 66 ft, screened interval 64-66, casing diameter 1 in.
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 3.6 ft above land-surface datum.
PERIOD OF RECORD.--1968-69, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.44 ft below land-surface datum, Feb. 8, 1991; lowest recorded, 14.16 ft below land-surface datum, Nov. 8, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 06	11.96	JUL 10	12.64

WATER YEAR 2002 HIGHEST 11.96 JUN 06, 2002 LOWEST 12.64 JUL 10, 2002

LOCAL NUMBER.--ST-611, Site ID 302321089535201.
LOCATION.--Lat 30°23'21", long 89°53'52", Hydrologic Unit 08090201, Sec. 33, T. 7S, R.13E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)
WELL CHARACTERISTICS.--Depth 24 ft, screened interval 21-24, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--1968-69, 1991, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.79 ft below land-surface datum, Feb. 6, 1991; lowest recorded, 10.08 ft below land-surface datum, Dec. 3, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 06	8.90	JUL 09	9.46

WATER YEAR 2002 HIGHEST 8.90 JUN 06, 2002 LOWEST 9.46 JUL 09, 2002

LOCAL NUMBER.--ST-640, Site ID 303700090030201.
LOCATION.--Lat 30°37'00", long 90°03'02", Hydrologic Unit 08090201, Sec. 13, T. 5S, R.11E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)
WELL CHARACTERISTICS.--Depth 90 ft, screened interval 80-90, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Hole in sanitary seal on north side of well, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1968-69, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.20 ft below land-surface datum, June 13, 1969; lowest recorded, 36.78 ft below land-surface datum, Jan. 1, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 07	34.05	JUL 10	34.30

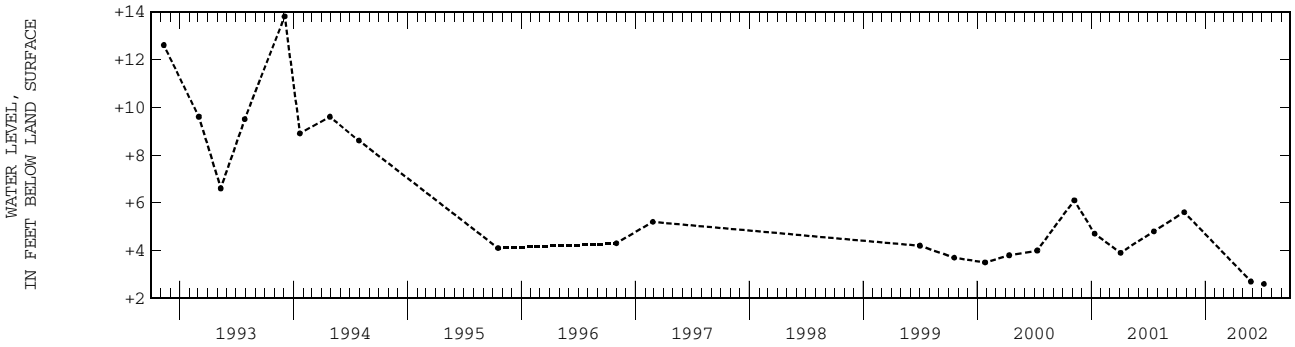
WATER YEAR 2002 HIGHEST 34.05 JUN 07, 2002 LOWEST 34.30 JUL 10, 2002

LOCAL NUMBER.--ST-776, Site ID 301838089485002.
LOCATION.--Lat 30°18'38", long 89°48'50", Hydrologic Unit 08090201, Sec. 32, T. 8S, R.14E.
AQUIFER.--Lower Ponchatoula aquifer of Pliocene age (121PNCLL).
WELL CHARACTERISTICS.--Depth 887 ft, Screened 862-887, Casing diameter 8 to 4 in.
DATUM.--Elevation of land surface datum is 16 ft above NGVD of 1929. Measuring point: Center line of faucet on south side, 1.9 ft above land-surface datum.
PERIOD OF RECORD.--1982, 1993-94, 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.80 ft above land-surface datum, Dec. 3, 1993 ; lowest recorded, 2.6 ft above land-surface datum, July 5, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	+5.6	MAY 27	+2.7	JUL 08	+2.6

WATER YEAR 2002 HIGHEST +5.6 OCT 25, 2001 LOWEST +2.6 JUL 08, 2002



LOCAL NUMBER.--ST-928, Site ID 302019090001601.
LOCATION.--Lat 30°20'19", long 90°00'16", Hydrologic Unit 08090201, Sec. 42, T. 8S, R.12E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)
WELL CHARACTERISTICS.--Depth 260 ft, screened interval 230-260, casing diameter 4 to 3 in.
DATUM.--Elevation of land surface datum is 17 ft above NGVD of 1929. Measuring point: Top of bushing on air vent, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1991, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.00 ft below land-surface datum (reported), Nov. 11, 1978; lowest recorded, 19.67 ft below land-surface datum, June 7, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 07	19.67	JUL 10	19.09

WATER YEAR 2002 HIGHEST 19.09 JUL 10, 2002 LOWEST 19.67 JUN 07, 2002

ST. TAMMANY PARISH--Continued

LOCAL NUMBER.--ST-1094.
LOCATION.--Hydrologic Unit 08090201.
AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).
WELL CHARACTERISTICS.--Depth 2,150 ft, screened 2,050-2,150, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 13 ft above NGVD of 1929. Measuring point: Center line of sample faucet, 2.1 ft above land-surface datum.
PERIOD OF RECORD.--1995, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.36 ft above land-surface datum, Mar. 17, 1995; lowest recorded, 46.9 ft above land-surface datum, July 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL
JUL 09	+46.9

LOCAL NUMBER.--ST-1131.
LOCATION.--Hydrologic Unit 08090201.
AQUIFER.--Tcefuncte aquifer of Miocene age (122TCFC).
WELL CHARACTERISTICS.--Depth 1,825 ft, screened 1,755-1,825, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 30 ft above NGVD of 1929. Measuring point: Center line of sample faucet on main line, 4.1 ft above land-surface datum.
PERIOD OF RECORD.--1999, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.0 ft above land-surface datum, Dec. 8, 1999; lowest recorded, 25.8 ft above land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 13	+26.9	JUL 10	+25.8

WATER YEAR 2002 HIGHEST +26.9 MAR 13, 2002 LOWEST +25.8 JUL 10, 2002

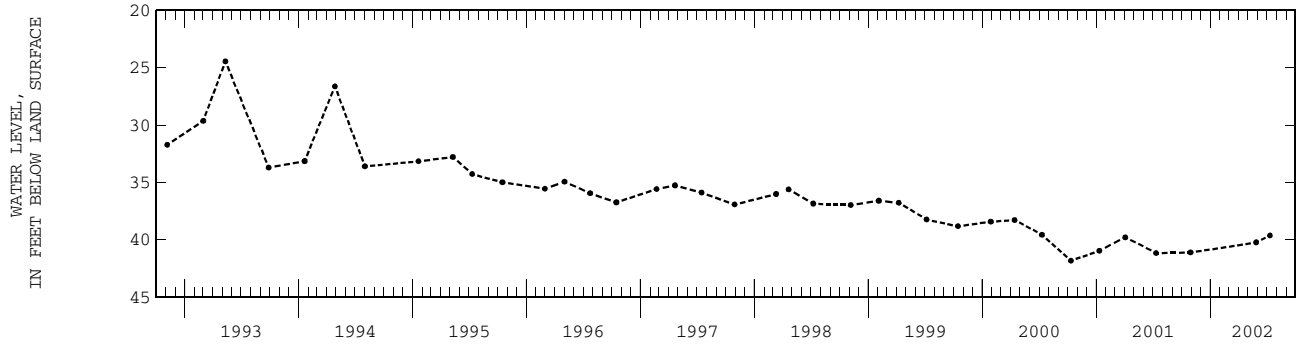
TANGIPAHOA PARISH

LOCAL NUMBER.--Ta-260.
LOCATION.--Hydrologic Unit 08070205.
AQUIFER.--Amite aquifer of Miocene age (122AMIT).
WELL CHARACTERISTICS.--Depth 2,013 ft, screened 1,951-2,013, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 130.86 ft above sea level. Measuring point: Top of 3/4-in. valve, 3.65 ft above land-surface datum.
PERIOD OF RECORD.--1953 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 34.65 ft above land-surface datum, May 5, 1953; lowest recorded, 41.84 ft below land-surface datum, Oct. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	41.12	MAY 28	40.24	JUL 11	39.64

WATER YEAR 2002 HIGHEST 39.64 JUL 11, 2002 LOWEST 41.12 OCT 29, 2001



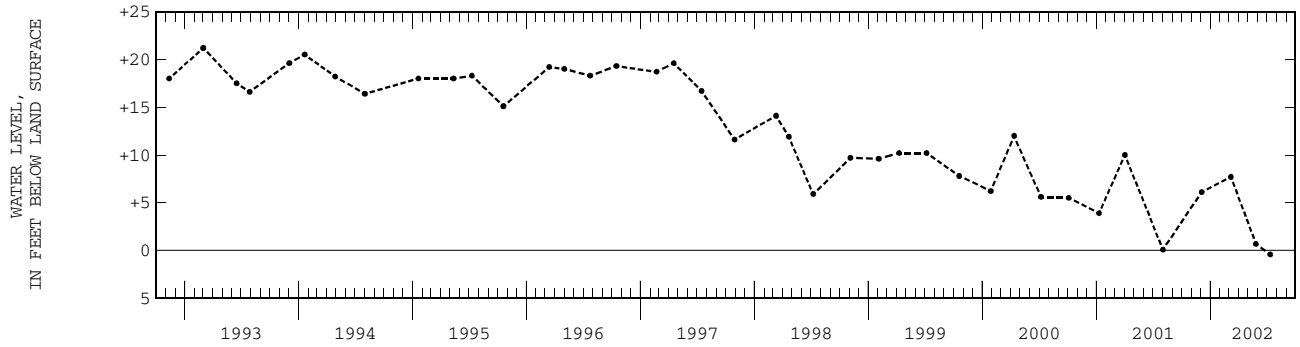
TANGIPAHOA PARISH--Continued

LOCAL NUMBER.--Ta-268, Site ID 302957090274001.
LOCATION.--Lat 30°29'57", long 90°27'40", Hydrologic Unit 08070203, Sec. 25, T. 6S, R. 7E.
OWNER.--City of Hammond.
AQUIFER.--Hammond aquifer of Miocene age (122HMND).
WELL CHARACTERISTICS.--Depth 2,449 ft, screened 2,365-2,449, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 35 ft above NGVD of 1929. Measuring point: Center line of faucet on discharge line, 2.7 ft above land-surface datum. Measuring point used July 7, 2001: Center line of 1-in.valve on main line on E. side of valve opening, 1.7 ft above land surface datum.
PERIOD OF RECORD.--1956-85, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 128.00 ft above land-surface datum, Oct. 21, 1956; lowest recorded, 0.41 ft below land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 04	+6.1	MAR 08	+7.7	MAY 27	+.68	JUL 12	.41

WATER YEAR 2002 HIGHEST +7.7 MAR 08, 2002 LOWEST .41 JUL 12, 2002

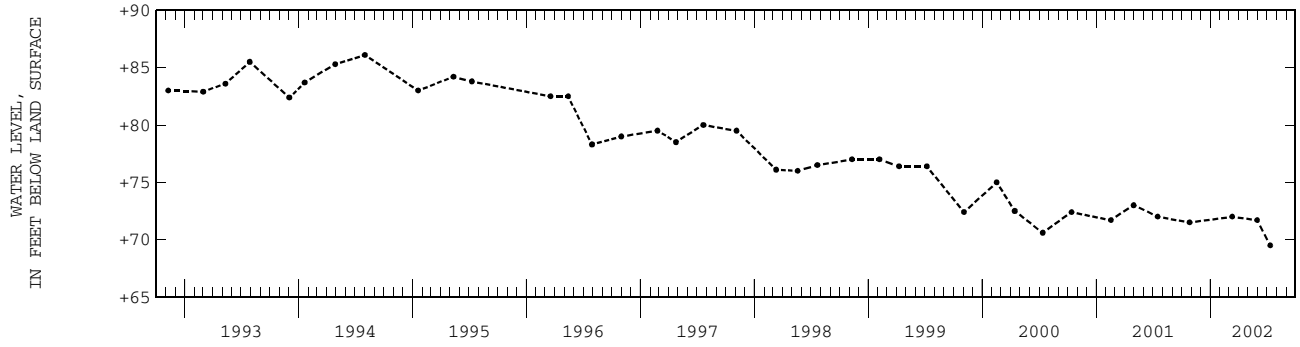


LOCAL NUMBER.--Ta-273, Site ID 302519090311401.
LOCATION.--Lat 30°25'19", long 90°31'14", Hydrologic Unit 08070203, Sec. 44, T. 7S, R. 7E..
AQUIFER.--Tchefuncte aquifer of Miocene age (122TCFC).
WELL CHARACTERISTICS.--Depth 2,329 ft, Screened 2,289-2,329, Casing diameter 3 in.
DATUM.--Elevation of land surface datum is 11 ft above NGVD of 1929. Measuring point: Center line of tee connection, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--1960-85, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 127.2 ft above land-surface datum, Apr. 12, 1960 and May 16, 1960; lowest recorded, 69.5 ft above land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	+71.5	MAR 12	+72.0	MAY 31	+71.7	JUL 12	+69.5

WATER YEAR 2002 HIGHEST +72.0 MAR 12, 2002 LOWEST +69.5 JUL 12, 2002

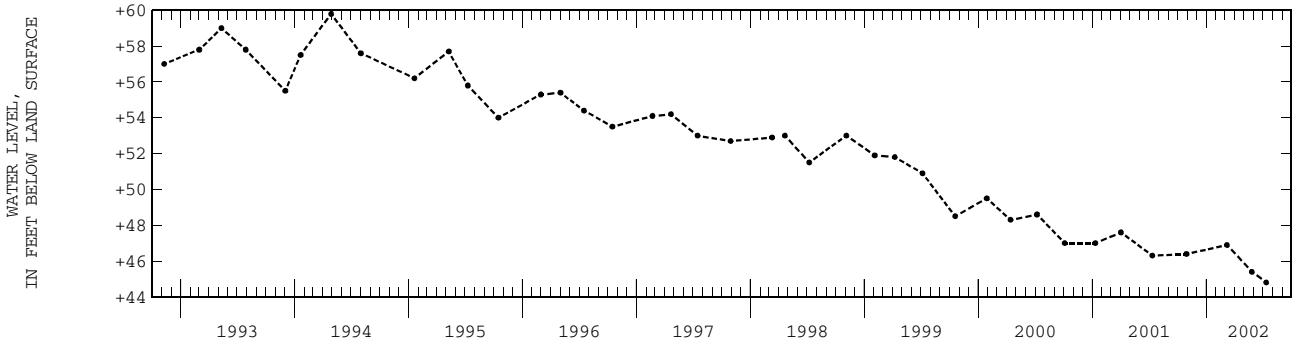


LOCAL NUMBER.--Ta-278, Site ID 303420090221701.
LOCATION.--Lat 30°34'20", long 90°22'17", Hydrologic Unit 08070205, Sec. 35, T. 5S, R. 8E.
AQUIFER.--Covington aquifer of Pliocene age (120CVGN).
WELL CHARACTERISTICS.--Depth 1,430 ft, screened 1,410-1,430, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 52 ft above NGVD of 1929. Measuring point: Center line of sample faucet, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1961, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.8 ft above land-surface datum, Jan. 14, 1961; lowest recorded, 44.8 ft above land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+46.4	MAR 08	+46.9	MAY 27	+45.4	JUL 12	+44.8

WATER YEAR 2002 HIGHEST +46.9 MAR 08, 2002 LOWEST +44.8 JUL 12, 2002

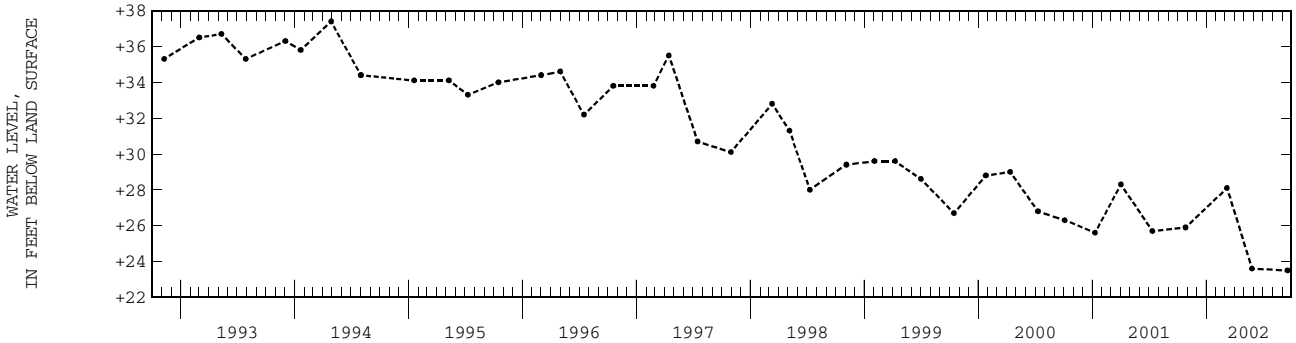


LOCAL NUMBER.--Ta-343, Site ID 303104090335901.
LOCATION.--Lat 30°31'04", long 90°33'59", Hydrologic Unit 08070203, Sec. 24, T. 6S, R. 6E.
OWNER.--La. State School, Hammond.
AQUIFER.--Hammond aquifer of Miocene age (122HMND).
WELL CHARACTERISTICS.--Depth 2,442 ft, screened 2,402-2,442, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 42 ft above NGVD of 1929. Measuring point: Center line of sample faucet on bend of 8-in. pipe, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1969, 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.43 ft above land-surface datum, May 19, 1969; lowest recorded, 23.5 ft above land-surface datum, Sep. 18, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	+25.9	MAR 08	+28.1	MAY 27	+23.6	SEP 18	+23.5

WATER YEAR 2002 HIGHEST +28.1 MAR 08, 2002 LOWEST +23.5 SEP 18, 2002

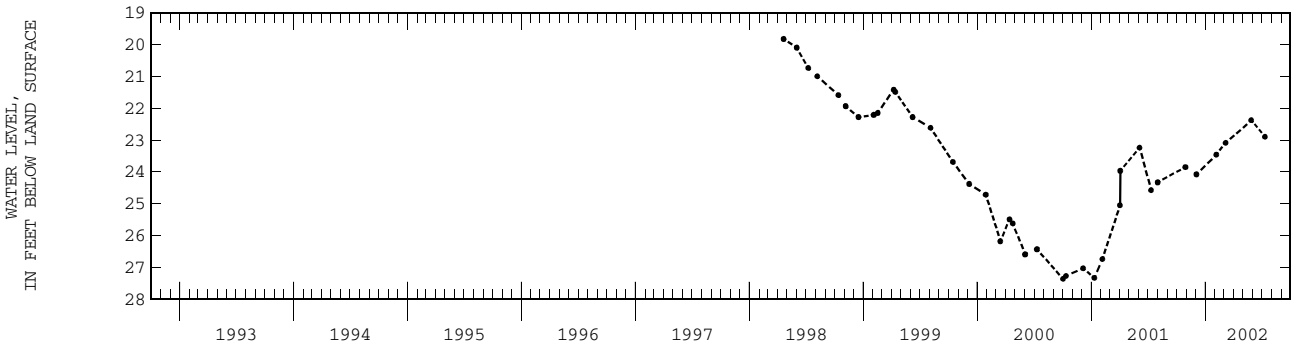


LOCAL NUMBER.--Ta-362, Site ID 305737090322501.
LOCATION.--Lat 30°57'37", long 90°32'25", Hydrologic Unit 08070205, Sec. 40, T. 1S, R. 7E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 43 ft, screened 40-43, casing diameter 1 ¼ in.
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: Top of 1 ¼-in. casing, 3.2 ft above land-surface datum.
PERIOD OF RECORD.--1968-89, 1991, 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.65 ft below land-surface datum, Apr. 28, 1980; lowest recorded, 27.36 ft below land-surface datum, Oct. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	23.85	DEC 03	24.08	FEB 05	23.46	MAR 07	23.09	MAY 28	22.38	JUL 11	22.90

WATER YEAR 2002 HIGHEST 22.38 MAY 28, 2002 LOWEST 24.08 DEC 03, 2001

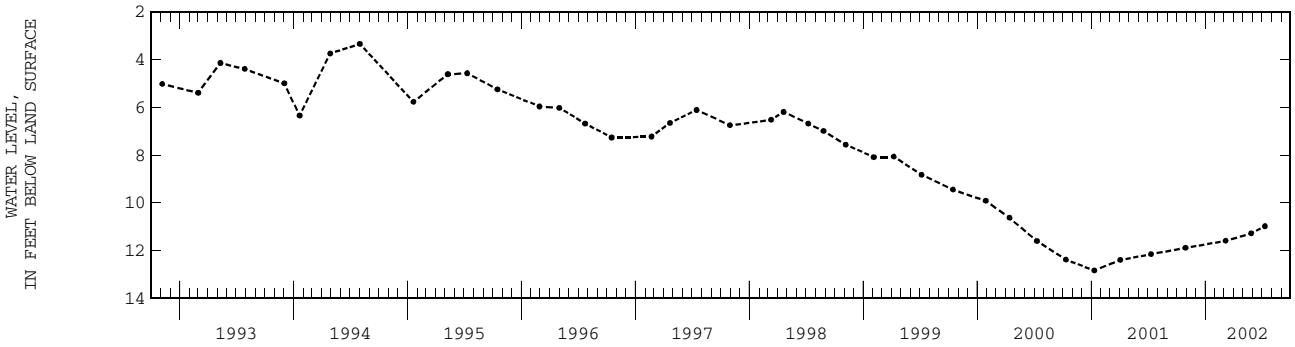


LOCAL NUMBER.--Ta-440, Site ID 305434090264201.
LOCATION.--Lat 30°54'34", long 90°26'42", Hydrologic Unit 08070205, Sec. 47, T. 2S, R. 8E.
AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).
WELL CHARACTERISTICS.--Depth 603 ft, screened 593-603, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.15 ft above land-surface datum.
PERIOD OF RECORD.--1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.61 ft below land-surface datum, Sep. 24, 1975; lowest recorded, 12.84 ft below land-surface datum, Jan. 10, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	11.89	MAR 07	11.59	MAY 28	11.28	JUL 11	10.98

WATER YEAR 2002 HIGHEST 10.98 JUL 11, 2002 LOWEST 11.89 OCT 29, 2001

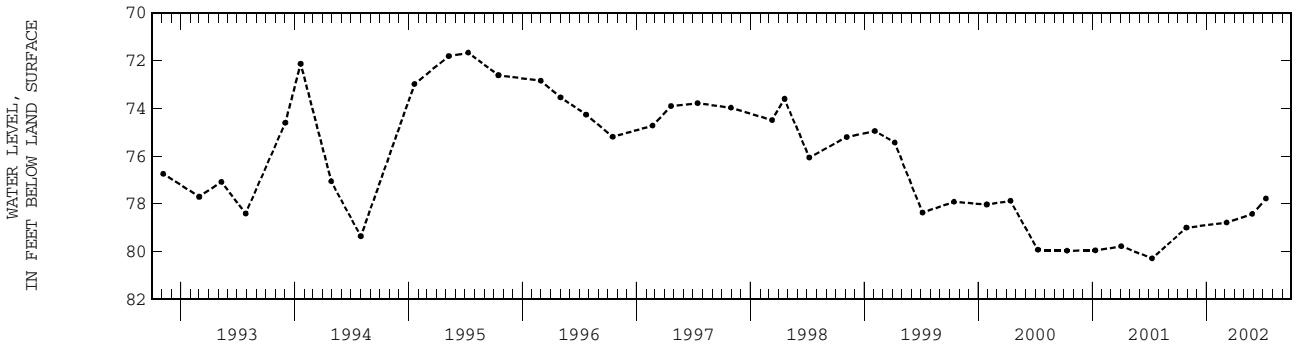


LOCAL NUMBER.--Ta-454.
LOCATION.--Hydrologic Unit 08070205.
AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).
WELL CHARACTERISTICS.--Depth 720 ft, screened 640-720, casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 260 ft above NGVD of 1929. Measuring point: North side of well, hole in casing, 2.24 ft above land-surface datum.
PERIOD OF RECORD.--1983, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.09 ft below land-surface datum, Jan. 14, 1992; lowest recorded, 84.41 ft below land-surface datum, July 2, 1990.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	79.00	MAR 07	78.79	MAY 28	78.43	JUL 11	77.78

WATER YEAR 2002 HIGHEST 77.78 JUL 11, 2002 LOWEST 79.00 OCT 29, 2001



LOCAL NUMBER.--Ta-529, Site ID 303726090290901.
LOCATION.--Lat 30°37'26", long 90°29'09", Hydrologic Unit 08070203, Sec. 10, T. 5S, R. 7E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 53 ft, screened 23-53, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 77 ft above NGVD of 1929. Measuring point: Top of sanitary seal, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.77 ft below land-surface datum, Mar. 1, 1991; lowest recorded, 13.00 ft below land-surface datum (reported), Sep. 21, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 11	11.02	JUL 15	12.23

WATER YEAR 2002 HIGHEST 11.02 JUN 11, 2002 LOWEST 12.23 JUL 15, 2002

LOCAL NUMBER.--Ta-557, Site ID 302820090192901.
LOCATION.--Lat 30°28'20", long 90°19'29", Hydrologic Unit 08070205, Sec. 54, T. 7S, R. 9E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 200 ft, screened 170-200, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Top of reducer on vent pipe, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--1989, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.88 ft below land-surface datum, Feb. 13, 1991; lowest recorded, 5.94 ft below land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 12	5.76	JUL 12	5.94

WATER YEAR 2002 HIGHEST 5.76 JUN 12, 2002 LOWEST 5.94 JUL 12, 2002

LOCAL NUMBER.--Ta-772, Site ID 303835090182701.
LOCATION.--Lat 30°38'35", long 90°18'27", Hydrologic Unit 08070205, Sec. 4, T. 5S, R. 9E.
AQUIFER.--Covington aquifer of Pliocene age (120CVGN).
WELL CHARACTERISTICS.--Depth 1,355 ft, screened 1,283-1,335, casing diameter 6 to 4 in.
DATUM.--Elevation of land surface datum is 133 ft above NGVD of 1929. Measuring point: Top of casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.00 ft below land-surface datum (reported), Oct. 10, 1991; lowest recorded, 15.44 ft below land-surface datum, June 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 14	14.07	JUN 11	15.44	JUL 12	15.41

WATER YEAR 2002 HIGHEST 14.07 MAR 14, 2002 LOWEST 15.44 JUN 11, 2002

TANGIPAHOA PARISH--Continued

LOCAL NUMBER.--Ta-835.
LOCATION.--Hydrologic Unit 08070204.
AQUIFER.--Abita aquifer of Pliocene age (120ABIT).
WELL CHARACTERISTICS.--Depth 1,905 ft, screened 1,800-1,900, casing diameter 16 to 12 in.
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Center line of faucet on main, 4.6 ft above land-surface datum.
PERIOD OF RECORD.--1998, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 57.8 ft above land-surface datum, Mar. 13, 2002; lowest recorded, 56.5 ft above land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 13	+57.8	JUN 14	+57.1	JUL 12	+56.5

WATER YEAR 2002 HIGHEST +57.8 MAR 13, 2002 LOWEST +56.5 JUL 12, 2002

LOCAL NUMBER.--Ta-6551Z, Site ID 304707090173301.
LOCATION.--Lat 30°47'07", long 90°17'33", Hydrologic Unit 08090201, Sec. 16, T. 3S, R. 9E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 93 ft, screened 83-93, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 206 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.8 ft above land-surface datum.
PERIOD OF RECORD.--1992, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 35.00 ft below land-surface datum (reported), Apr. 16, 1992; lowest recorded, 53.59 ft below land-surface datum, Sep. 18, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
SEP 18	53.59

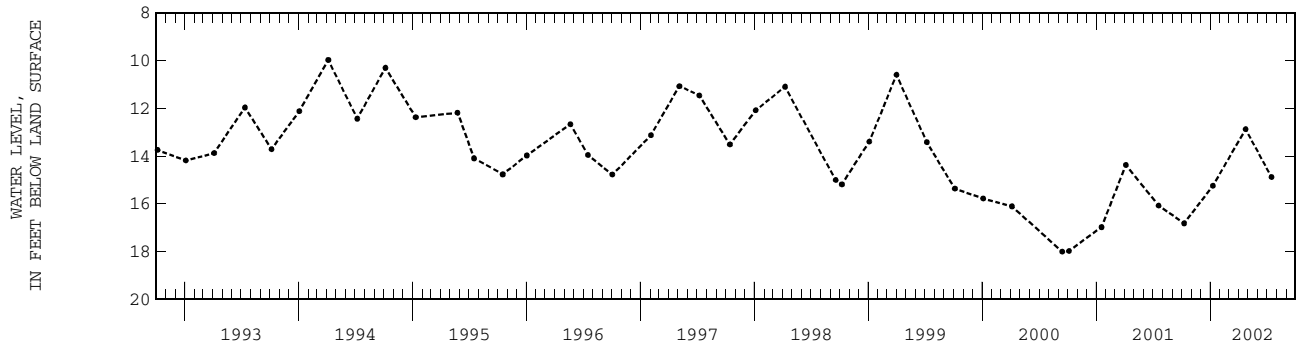
TENSAS PARISH

LOCAL NUMBER.--Ts-8, Site ID 320431091144801.
LOCATION.--Lat 32°04'31", long 91°14'48", Hydrologic Unit 08050003, Sec. 4, T.13N, R.12E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 110 ft, screened 80-110, casing diameter 12 in.
DATUM.--Elevation of land surface datum is 79.60 ft above NGVD of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.05 ft below land-surface datum, May 30, 1979; lowest recorded, 18.01 ft below land-surface datum, Sep. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	16.82	JAN 09	15.25	APR 24	12.88	JUL 16	14.88

WATER YEAR 2002 HIGHEST 12.88 APR 24, 2002 LOWEST 16.82 OCT 09, 2001

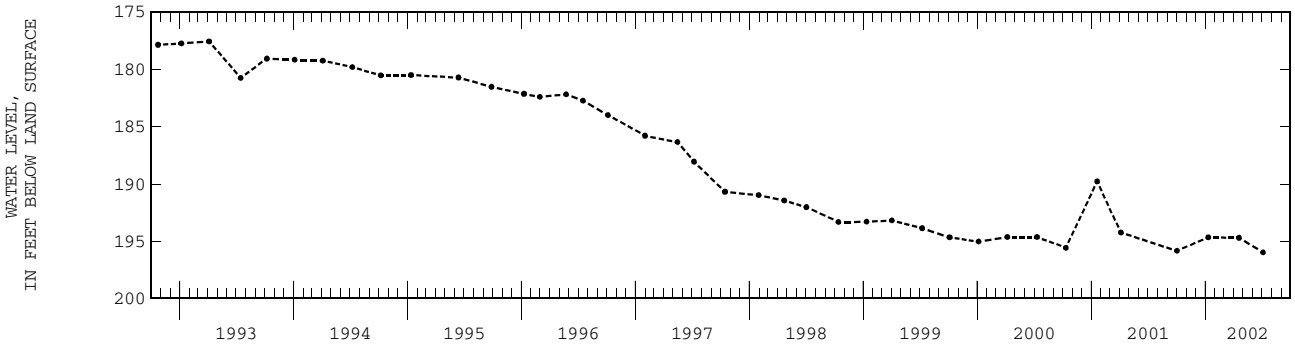


LOCAL NUMBER.--Un-26, Site ID 324417092090001.
LOCATION.--Lat 32°44'15", long 92°09'02", Hydrologic Unit 08040202, Sec. 10, T.20N, R. 3E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 745 ft, screened 670-745, casing diameter 8 to 6 in.
DATUM.--Elevation of land surface datum is 133.92 ft above NGVD of 1929. Measuring point: 3/4-in. hole in top of well cover, 1.90 ft above land-surface datum.
PERIOD OF RECORD.--1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 141.11 ft below land-surface datum, July 26, 1959; lowest recorded, 195.57 ft below land-surface datum, Oct. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	195.84	JAN 10	194.65	APR 19	194.70	JUL 05	195.97

WATER YEAR 2002 HIGHEST 194.65 JAN 10, 2002 LOWEST 195.97 JUL 05, 2002

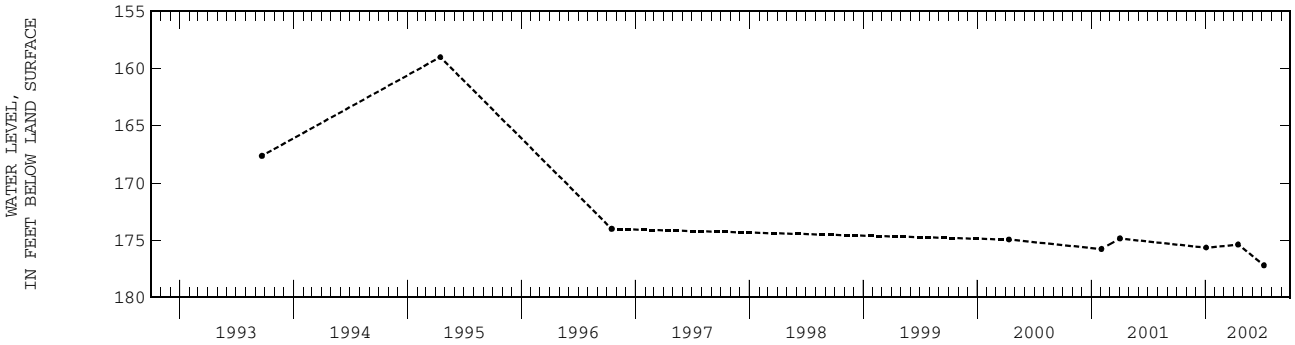


LOCAL NUMBER.--Un-83, Site ID 325550092391602.
LOCATION.--Lat 32°55'50", long 92°39'16", Hydrologic Unit 08040206, Sec. 2, T.22N, R. 3W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 326 ft, screened 316-326, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 122 ft above NGVD of 1929. Measuring point: File marks on top of casing, 3.88 ft above land-surface datum.
PERIOD OF RECORD.--1968-87, 1989, 1993, 1995-96, 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 111.29 ft below land-surface datum, Oct. 8, 1968; lowest recorded, 178.92 ft below land-surface datum, Oct. 1, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03	175.64	APR 16	175.37	JUL 08	177.18

WATER YEAR 2002 HIGHEST 175.37 APR 16, 2002 LOWEST 177.18 JUL 08, 2002



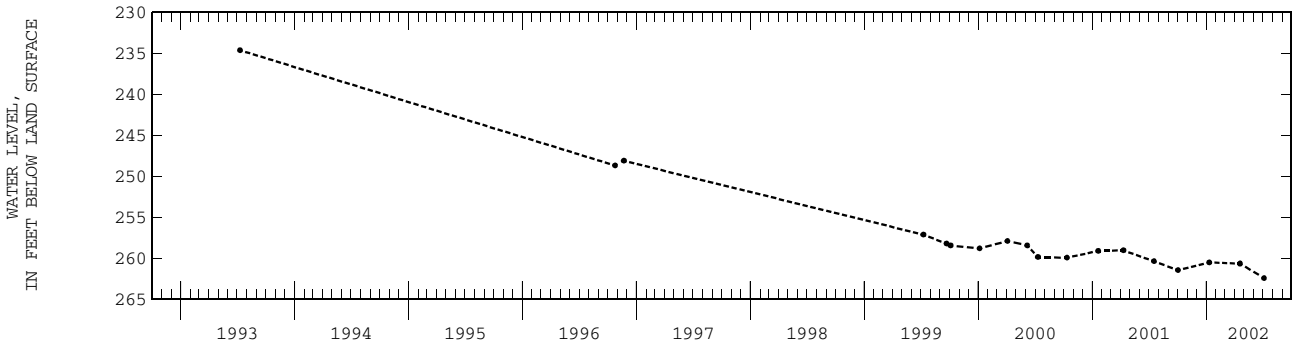
UNION PARISH--Continued

LOCAL NUMBER.--Un-84, Site ID 325647092241501.
LOCATION.--Lat 32°56'47", long 92°24'15", Hydrologic Unit 08040202, Sec. 30, T.23N, R. 1E.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 696 ft, screened 686-696, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1983, 1996, 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 196.09 ft below land-surface datum, Oct. 17, 1968; lowest recorded, 260.39 ft below land-surface datum, July 17, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	261.49	JAN 10	260.54	APR 19	260.68	JUL 05	262.46

WATER YEAR 2002 HIGHEST 260.54 JAN 10, 2002 LOWEST 262.46 JUL 05, 2002



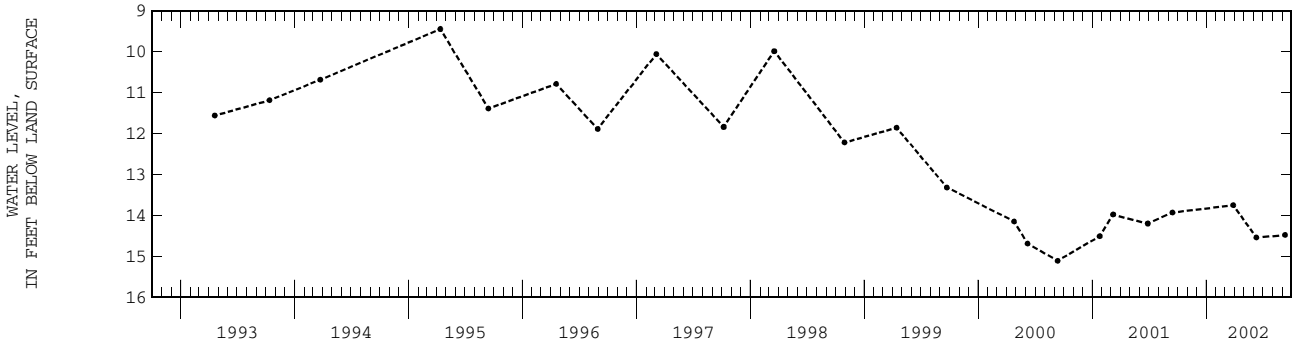
VERMILION PARISH

LOCAL NUMBER.--Ve-637L, Site ID 295345092100703.
LOCATION.--Lat 29°53'45", long 92°10'07", Hydrologic Unit 08080103, Sec. 15, T.13S, R. 3E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 243 ft, screened 233-243, casing diameter 4 to 1 ½ in.
DATUM.--Elevation of land surface datum is 4.06 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. pipe, 2.66 ft above land-surface datum.
PERIOD OF RECORD.--1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.10 ft below land-surface datum, Feb. 24, 1966; lowest recorded, 15.11 ft below land-surface datum, Jan. 25, 1970 and Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	13.75	JUN 10	14.54	SEP 10	14.48

WATER YEAR 2002 HIGHEST 13.75 MAR 28, 2002 LOWEST 14.54 JUN 10, 2002

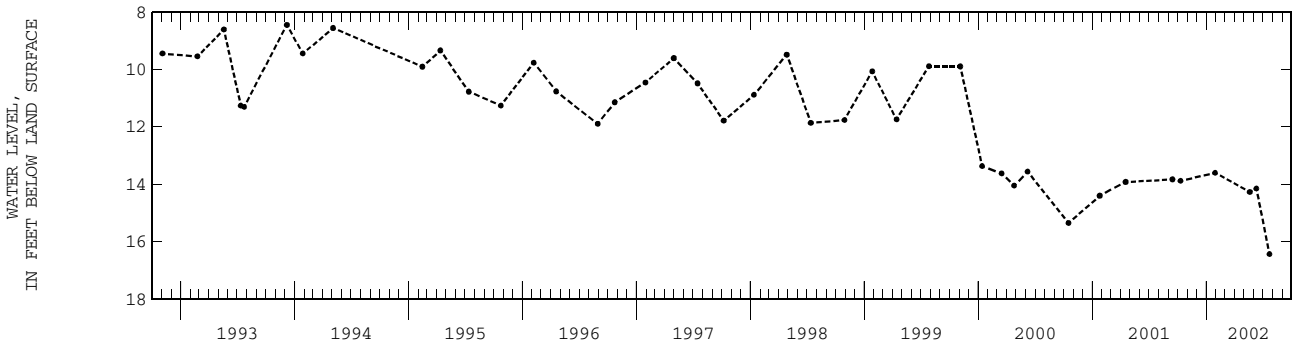


LOCAL NUMBER.--Ve-637U, Site ID 295345092100702.
LOCATION.--Lat 29°53'45", long 92°10'07", Hydrologic Unit 08080103, Sec. 15, T.13S, R. 3E.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 198 ft, screened 188-198, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 4.06 ft above NGVD of 1929. Measuring point: Top of 1 ½-in. pipe, 2.66 ft above land-surface datum.
PERIOD OF RECORD.--1964-83, 1985, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.99 ft below land-surface datum, Feb. 24, 1966; lowest recorded, 16.44 ft below land-surface datum, July 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	13.88	JAN 29	13.60	MAY 20	14.27	JUN 10	14.15	JUL 22	16.44

WATER YEAR 2002 HIGHEST 13.60 JAN 29, 2002 LOWEST 16.44 JUL 22, 2002

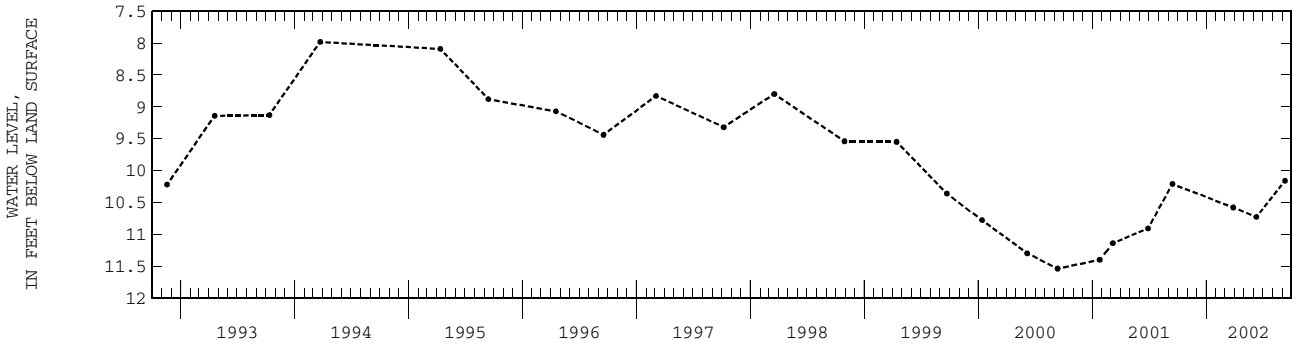


LOCAL NUMBER.--Ve-639, Site ID 293845092264901.
LOCATION.--Lat 29°38'45", long 92°26'49", Hydrologic Unit 08080202, Sec. 2, T.16S, R. 1W.
AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
WELL CHARACTERISTICS.--Depth 608 ft, screened 603-608, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 5.84 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1965-79, 1981, 1983-85, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.22 ft below land-surface datum, Oct. 20, 1965; lowest recorded, 11.54 ft below land-surface datum, Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	10.58	JUN 10	10.73	SEP 10	10.16

WATER YEAR 2002 HIGHEST 10.16 SEP 10, 2002 LOWEST 10.73 JUN 10, 2002



LOCAL NUMBER.--V-425B.
LOCATION.--Hydrologic Unit 08080203.
AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).
WELL CHARACTERISTICS.--Depth 1,390 ft, screened 1,380-1,390, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 305 ft above NGVD of 1929. Measuring point: Top of bushing, 3.9 ft above land-surface datum.
PERIOD OF RECORD.--1967-76, 1979-89, 1996, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.87 ft below land-surface datum, Aug. 8, 2001; lowest recorded, 177.50 ft below land-surface datum, Feb. 27, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	169.84	APR 18	169.37	JUL 24	169.51

WATER YEAR 2002 HIGHEST 169.37 APR 18, 2002 LOWEST 169.84 JAN 22, 2002

LOCAL NUMBER.--V-478.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 1,010 ft, screened 970-1,010, casing diameter 8 to 6 to 4 ½ in.
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Gap in top plate covering casing on north side, 0.65 ft above land-surface datum.
PERIOD OF RECORD.--1977, 1986, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 203.00 ft below land-surface datum, Dec. 2, 1977; lowest recorded, 220.76 ft below land-surface datum, Aug. 20, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 17	216.80	APR 18	213.35	AUG 20	220.76

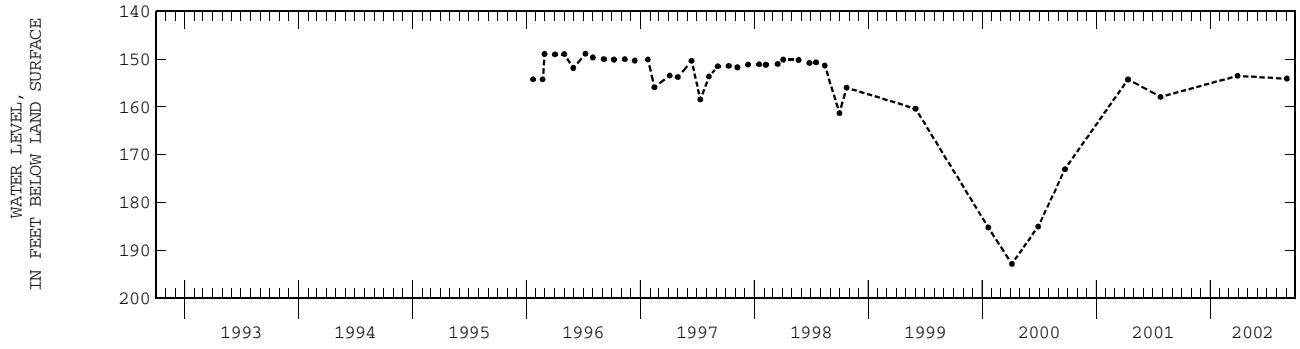
WATER YEAR 2002 HIGHEST 213.35 APR 18, 2002 LOWEST 220.76 AUG 20, 2002

LOCAL NUMBER.--V-492, Site ID 310138093104501.
LOCATION.--Lat 31°01'38", long 93°10'46", Hydrologic Unit 08080203, Sec. 34, T. 1N, R. 8W.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 610 ft, screened 568-608, casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 286.50 ft above NGVD of 1929. Measuring point: Red notch filed in lower lip of access pipe, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1980, 1985, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 145.00 ft below land-surface datum, Dec. 10, 1980; lowest recorded, 192.88 ft below land-surface datum, Apr. 5, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 29	153.51	SEP 03	154.08

WATER YEAR 2002 HIGHEST 153.51 MAR 29, 2002 LOWEST 154.08 SEP 03, 2002



LOCAL NUMBER.--V-497.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 885 ft, screened 838-878, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 325 ft above NGVD of 1929. Measuring point: 1-in. hole in top of base plate, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--1982, 1985-86, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 231.00 ft below land-surface datum, Apr. 9, 2002; lowest recorded, 256.10 ft below land-surface datum, Dec. 30, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 09	231.00	SEP 04	245.08

WATER YEAR 2002 HIGHEST 231.00 APR 09, 2002 LOWEST 245.08 SEP 04, 2002

LOCAL NUMBER.--V-504.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Carnahan bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,288 ft, screened 1,190-1,288, casing diameter 24 to 16 to 10 in.
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: 1-in. pipe in 16-in. casing, 1.2 ft above land-surface datum.
PERIOD OF RECORD.--1983, 1985-86, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 173.30 ft below land-surface datum, Dec. 19, 1983; lowest recorded, 204.42 ft below land-surface datum, Sep. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

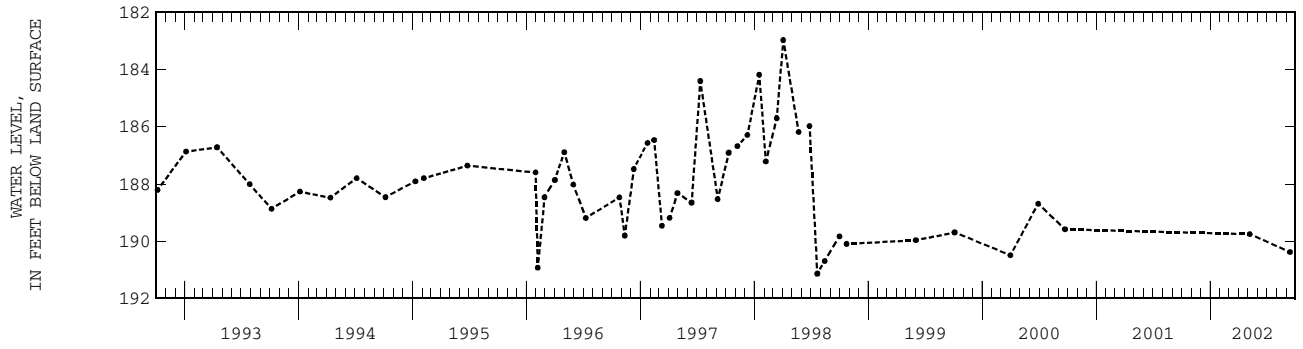
DATE	WATER LEVEL
SEP 13	204.42

LOCAL NUMBER.--V-513.
LOCATION.--Hydrologic Unit 12010005.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,275 ft, screened 1,167-1,217 and 1,245-1,275, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: Coupling on top of 1-in. extension on drop pipe, 1.30 ft above land-surface datum.
PERIOD OF RECORD.--1982, 1985-2000, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 177.45 ft below land-surface datum, Jan. 3, 1992; lowest recorded, 198.83 ft below land-surface datum, Sep. 30, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 07	189.75	SEP 13	190.38

WATER YEAR 2002 HIGHEST 189.75 MAY 07, 2002 LOWEST 190.38 SEP 13, 2002

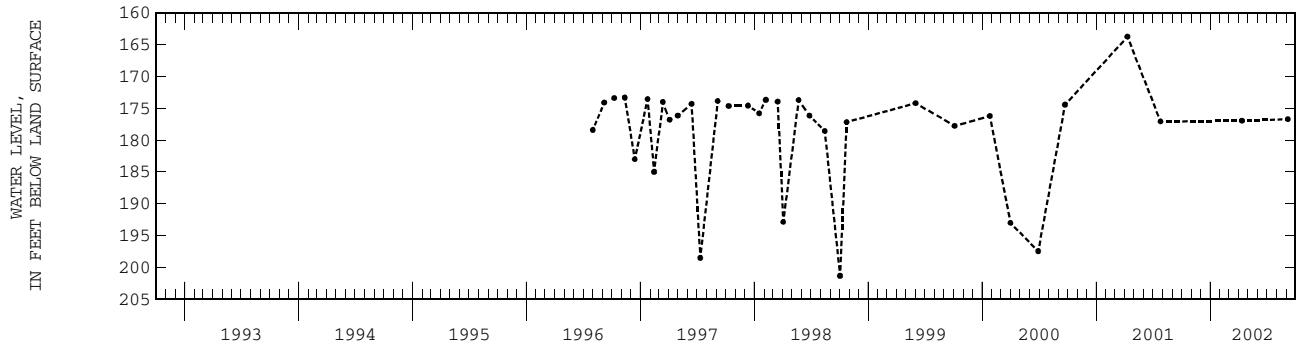


LOCAL NUMBER.--V-515.
LOCATION.--Hydrologic Unit 12010005.
AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).
WELL CHARACTERISTICS.--Depth 1,233 ft, screened 1,160-1,230, casing diameter 24 to 16 to 10 3/4-in.
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Lower lip of angled coupling after removing elbow, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--1985-86, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 138.00 ft below land-surface datum, Aug. 2, 1985; lowest recorded, 201.32 ft below land-surface datum, Oct. 2, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 12	176.97	SEP 06	176.72

WATER YEAR 2002 HIGHEST 176.72 SEP 06, 2002 LOWEST 176.97 APR 12, 2002

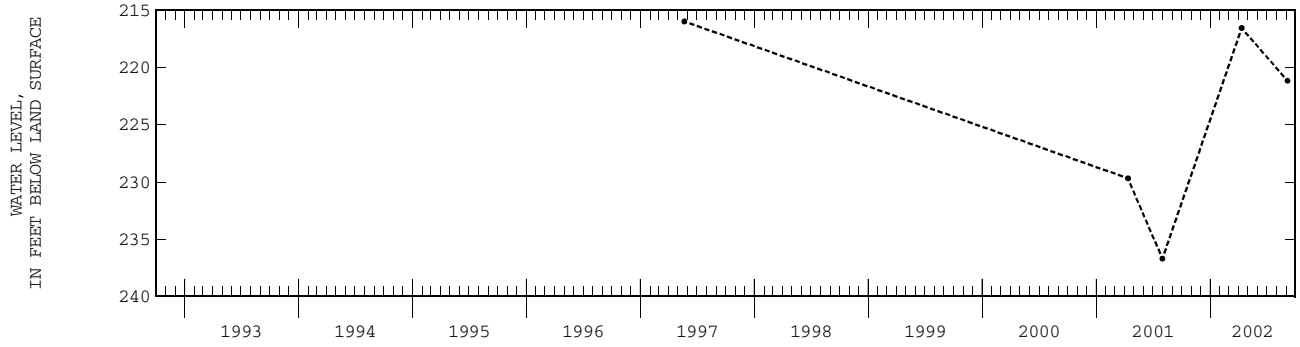


LOCAL NUMBER.--V-644.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 612 ft, screened 539-612, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 325 ft above NGVD of 1929. Measuring point: 1 ¼-in hole in top of wellhead cover, 2.3 ft above land-surface datum.
PERIOD OF RECORD.--1997 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 216.00 ft below land-surface datum, May 21, 1997; lowest recorded, 236.69 ft below land-surface datum, July 31, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	216.58	SEP 05	221.18

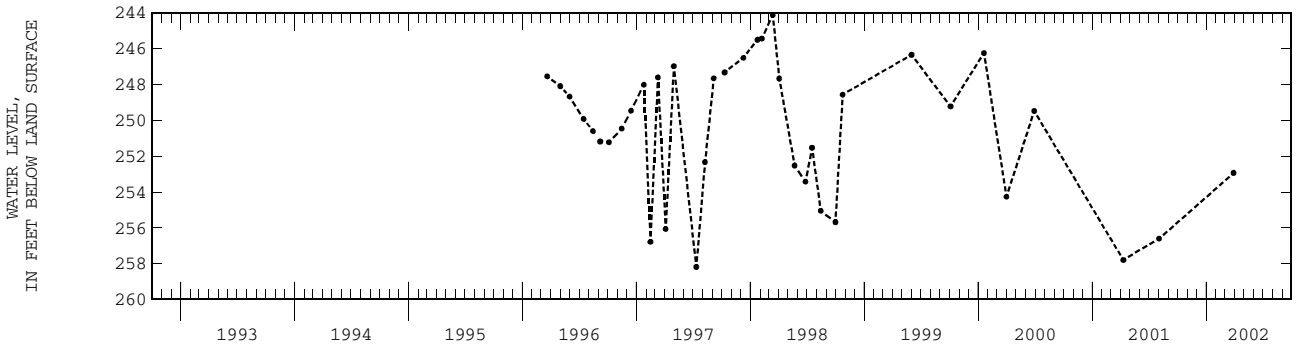
WATER YEAR 2002 HIGHEST 216.58 APR 11, 2002 LOWEST 221.18 SEP 05, 2002



LOCAL NUMBER.--V-651.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 938 ft, screened 908-938, casing diameter 6 to 3 in.
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Red notch filed in lower wall of access pipe, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 233.20 ft below land-surface datum, Sep. 20, 2000; lowest recorded, 258.18 ft below land-surface datum, July 11, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
MAR 29	252.93



LOCAL NUMBER.--V-652.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).
WELL CHARACTERISTICS.--Depth 160 ft, screened 150-160, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of access pipe on south side of well, 1.2 ft above land-surface datum.
PERIOD OF RECORD.--1990, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.00 ft below land-surface datum (reported), May 25, 1990; lowest recorded, 46.71 ft below land-surface datum, June 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 24	46.71	AUG 20	46.38

WATER YEAR 2002 HIGHEST 46.38 AUG 20, 2002 LOWEST 46.71 JUN 24, 2002

LOCAL NUMBER.--V-658, Site ID 310601093120201.
LOCATION.--Hydrologic Unit 08080204, Sec. 4, T. 1N, R. 8W.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 635 ft, screened 505-635, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 309 ft above NGVD of 1929. Measuring point: 1-in. pipe with threaded cap in plalte, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1993, 1997, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 200.0 ft below land-surface datum (reported), June 1, 1993; lowest recorded, 227.28 ft below land-surface datum, July 11, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

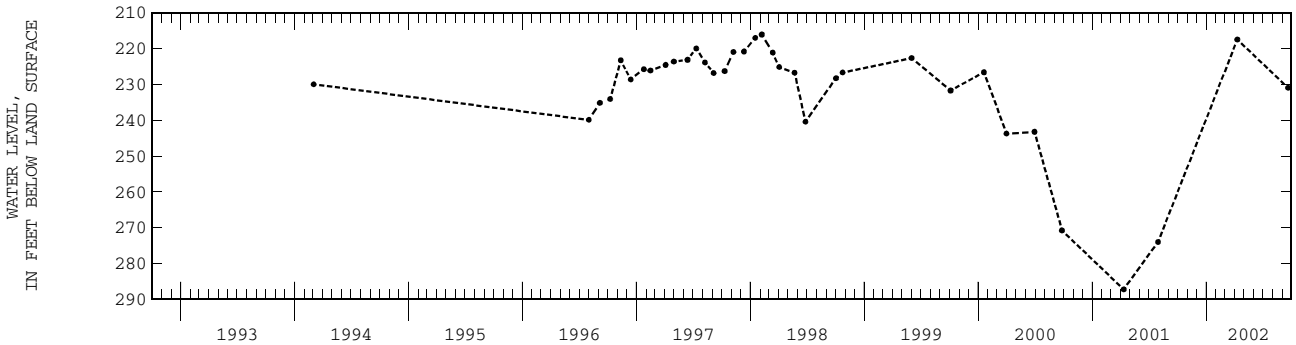
DATE	WATER LEVEL
SEP 10	204.46

LOCAL NUMBER.--V-659.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 912 ft, screened 859-912, casing diameter 24 to 16 in.
DATUM.--Elevation of land surface datum is 310 ft above NGVD of 1929. Measuring point: 3/4-in. pipe identification pipe in pump base, 2.1 ft above land-surface datum.
PERIOD OF RECORD.--1994, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 216.13 ft below land-surface datum, Feb. 6, 1998; lowest recorded, 287.27 ft below land-surface datum, Apr. 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 10	217.52	SEP 20	231.02

WATER YEAR 2002 HIGHEST 217.52 APR 10, 2002 LOWEST 231.02 SEP 20, 2002



LOCAL NUMBER.--V-661.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 860 ft, screened 807-860, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 332 ft above NGVD of 1929. Measuring point: 2-in. vent pipe, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--1991, 1997, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 237.0 ft below land-surface datum (reported), Dec. 27, 1994; lowest recorded, 243.13 ft below land-surface datum, Sep. 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 10	237.92	SEP 09	243.13

WATER YEAR 2002 HIGHEST 237.92 APR 10, 2002 LOWEST 243.13 SEP 09, 2002

LOCAL NUMBER.--V-663.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 573 ft, screened 507-573, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 330 ft above NGVD of 1929. Measuring point: Bottom lip of access pipe located on west side of well, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--1991, 1997, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 222.0 ft below land-surface datum (reported), Sep. 19, 1991; lowest recorded, 223.05 ft below land-surface datum, Apr. 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL
APR 23	223.05

LOCAL NUMBER.--V-669.
LOCATION.--Hydrologic Unit 08080204.
AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).
WELL CHARACTERISTICS.--Depth 904 ft, screened 844-904, casing diameter 16 to 10 in.
DATUM.--Elevation of land surface datum is 315 ft above NGVD of 1929. Measuring point: 1 $^{1}/_{2}$-in. vent pipe on west side of cement wellhead, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1992, 1997, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 209.92 ft below land-surface datum, Mar. 13, 1997; lowest recorded, 232.17 ft below land-surface datum, Apr. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 04	232.17	SEP 20	224.97

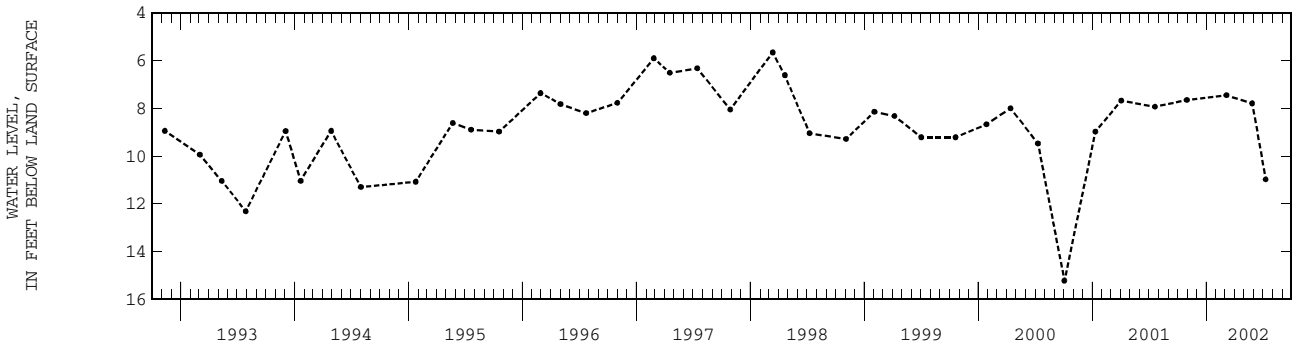
WATER YEAR 2002 HIGHEST 224.97 SEP 20, 2002 LOWEST 232.17 APR 04, 2002

LOCAL NUMBER.--Wa-13, Site ID 304652089512201.
LOCATION.--Lat 30°46'52", long 89°51'22", Hydrologic Unit 03180004, Sec. 38, T. 3S, R.13E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 156 ft, screened 90-156, casing diameter 20 in.
DATUM.--Elevation of land surface datum is 95 ft above NGVD of 1929. Measuring point: Top of 1-in. nipple, 0.7 ft above land-surface datum.
PERIOD OF RECORD.--1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.30 ft above land-surface datum, Feb. 22, 1961; lowest recorded, 44.07 ft below land-surface datum, Sep. 22, 1958.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	7.66	MAR 06	7.46	MAY 28	7.80	JUL 10	10.98

WATER YEAR 2002 HIGHEST 7.46 MAR 06, 2002 LOWEST 10.98 JUL 10, 2002



LOCAL NUMBER.--Wa-43, Site ID 304107089523401.
LOCATION.--Lat 30°41'07", long 89°52'34", Hydrologic Unit 03180005, Sec. 49, T. 4S, R.13E.
AQUIFER.--Upper Ponchatoula aquifer of Pliocene age (121PNCLL).
WELL CHARACTERISTICS.--Depth 420 ft, screen unknown, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 71 ft above NGVD of 1929. Measuring point: Top of lower valve, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1950-84, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 31.00 ft above land-surface datum, Sep. 12, 1950; lowest recorded, 4.1 ft above land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL
JUL 10	+4.1

LOCAL NUMBER.--Wa-70, Site ID 305246090184301.
LOCATION.--Lat 30°52'46", long 90°18'43", Hydrologic Unit 08090201, Sec. 41, T. 2S, R. 9E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 90 ft, screened 80-90, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 262 ft above NGVD of 1929. Measuring point: Access hole for wires in casing, 0.6 ft above land-surface datum.
PERIOD OF RECORD.--1968-69, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.56 ft below land-surface datum, Mar. 12, 1991; lowest recorded, 39.60 ft below land-surface datum, June 13, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	36.00	JUL 11	36.16

WATER YEAR 2002 HIGHEST 36.00 JUN 19, 2002 LOWEST 36.16 JUL 11, 2002

LOCAL NUMBER.--Wa-79, Site ID 304926090083001.
LOCATION.--Lat 30°49'26", long 90°08'30", Hydrologic Unit 03180004, Sec. 43, T. 1S, R.10E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 310 ft, screened 270-310, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 192 ft above NGVD of 1929. Measuring point: Center line of faucet closest to house, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--1969, 1975-77, 1990, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 24.50 ft above land-surface datum, Oct. 29, 1975; lowest recorded, 12.1 ft above land-surface datum, July 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 19	+12.2	JUL 11	+12.1

WATER YEAR 2002 HIGHEST +12.2 JUN 19, 2002 LOWEST +12.1 JUL 11, 2002

LOCAL NUMBER.--Wa-114, Site ID 305405089553501.
LOCATION.--Lat 30°54'05", long 89°55'35", Hydrologic Unit 03180004, Sec. 6, T. 2S, R.13E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 168 ft, screened 158-168, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 260 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.3 ft above land-surface datum.
PERIOD OF RECORD.--1976-77, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.25 ft below land-surface datum, Apr. 6, 1977; lowest recorded, 49.86 ft below land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 13	49.68	JUL 10	49.86

WATER YEAR 2002 HIGHEST 49.68 JUN 13, 2002 LOWEST 49.86 JUL 10, 2002

LOCAL NUMBER.--Wa-116, Site ID 304629089590001.
LOCATION.--Lat 30°46'29", long 89°59'00", Hydrologic Unit 03180004, Sec. 40, T. 3S, R.12E.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 172 ft, screened 162-172, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Top of casing at file notches, 0.25 ft above land-surface datum.
PERIOD OF RECORD.--1976-77, 1991, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.07 ft below land-surface datum, May 25, 1977; lowest recorded, 22.30 ft below land-surface datum, July 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 14	22.23	JUL 11	22.30

WATER YEAR 2002 HIGHEST 22.23 JUN 14, 2002 LOWEST 22.30 JUL 11, 2002

LOCAL NUMBER.--Wa-125, Site ID 304900089542601.
LOCATION.--Lat 30°49'00", long 89°54'26", Hydrologic Unit 03180004, Sec. 5, T. 3S, R.13E.
AQUIFER.--Amite aquifer of Miocene age (122AMIT).
WELL CHARACTERISTICS.--Depth 1,450 ft, screened 1,440-1,450, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 150 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.4 ft above land-surface datum.
PERIOD OF RECORD.--1977-89, current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.46 ft below land-surface datum, Apr. 3, 1978; lowest recorded, 97.94 ft below land-surface datum, Sep. 18, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

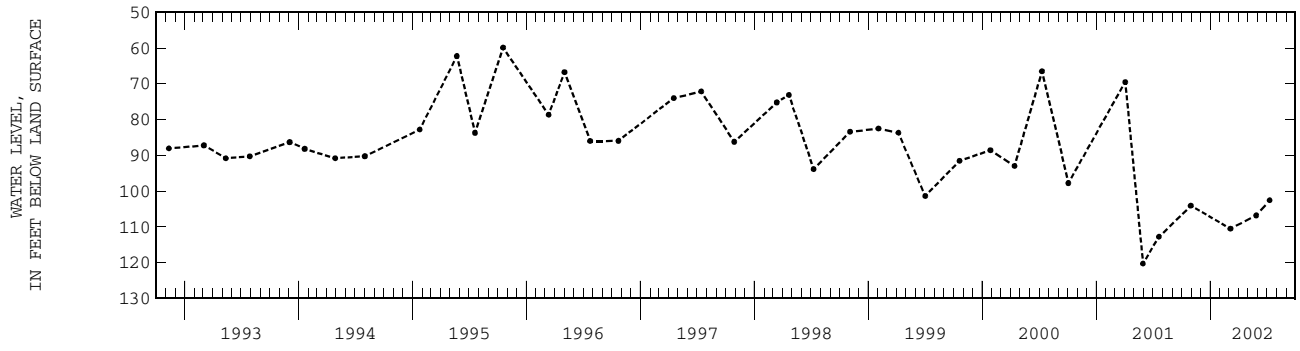
DATE	WATER LEVEL
SEP 18	97.94

LOCAL NUMBER.--Wa-158.
LOCATION.--Hydrologic Unit 031800004.
AQUIFER.--Amite aquifer of Miocene age (122AMIT).
WELL CHARACTERISTICS.--Depth 1,414 ft, screened 1,337-1,414, casing diameter 12 3/4 to 8 5/8 in.
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: 3/4-in. bolt in sanitary seal, 1.63 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1989 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.00 ft below land-surface datum, May 18, 1987; lowest recorded, 120.25 ft below land-surface datum, May 30, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	104.08	MAR 06	110.49	MAY 28	106.77	JUL 10	102.56

WATER YEAR 2002 HIGHEST 102.56 JUL 10, 2002 LOWEST 110.49 MAR 06, 2002



WEBSTER PARISH

LOCAL NUMBER.--Wb-219, Site ID 323220093165902.
LOCATION.--Lat 32°32'20", long 93°16'59", Hydrologic Unit 11140203, Sec. 22, T.18N, R. 9W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 136 ft, screened 116-136, casing diameter 10 in.
DATUM.--Elevation of land surface datum is 190 ft above NGVD of 1929. Measuring point: Top edge of well casing, 0.9 ft above land-surface datum.
PERIOD OF RECORD.--1963, 1975, 1977, 1980, 1985, 1989, 1996, 2001 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.17 ft below land-surface datum, May 13, 1975; lowest recorded, 8.66 ft below land-surface datum, July 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	5.75	JUL 09	8.66

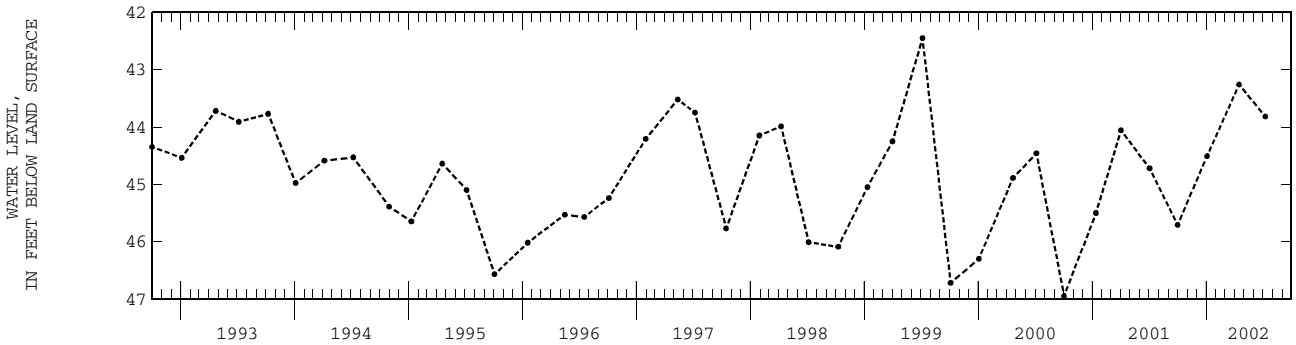
WATER YEAR 2002 HIGHEST 5.75 APR 16, 2002 LOWEST 8.66 JUL 09, 2002

LOCAL NUMBER.--Wb-399, Site ID 325518093221901.
LOCATION.--Lat 32°55'18", long 93°22'19", Hydrologic Unit 11140203, Sec. 2, T.22N, R.10W.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 298 ft, screened 288-298, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 205 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 42.45 ft below land-surface datum, July 6, 1999; lowest recorded, 46.95 ft below land-surface datum, Oct. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	45.71	JAN 03	44.51	APR 16	43.26	JUL 09	43.82

WATER YEAR 2002 HIGHEST 43.26 APR 16, 2002 LOWEST 45.71 OCT 01, 2001



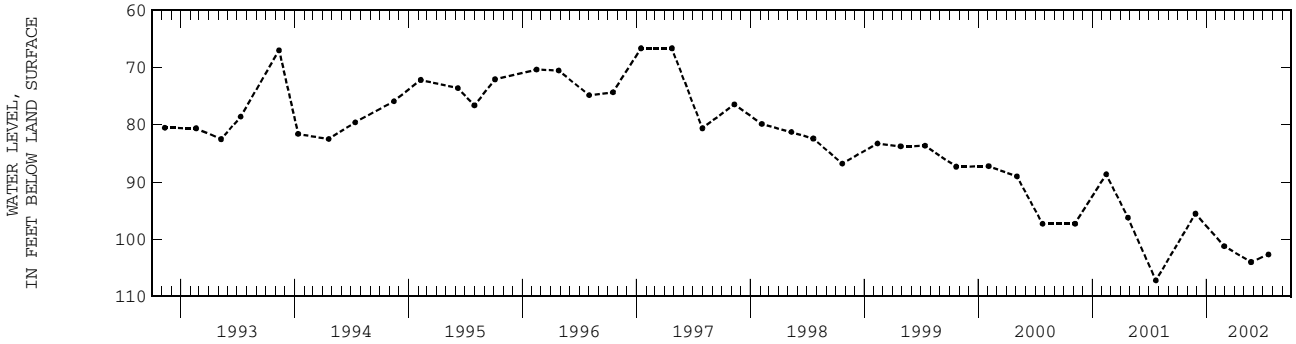
WEST BATON ROUGE PARISH

LOCAL NUMBER.--WBR-5.
LOCATION.--Hydrologic Unit 08070300.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,335 ft, screened 1,230-1,335, casing diameter 8 in.
DATUM.--Elevation of land surface datum is 27 ft above NGVD of 1929. Measuring point: Top edge of 3/8-in. hole in 8-in. collar, 4.90 ft above land-surface datum.
PERIOD OF RECORD.--1943-46, 1949-50, 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.10 ft above land-surface datum, June 21, 1943; lowest recorded, 112.62 ft below land-surface datum, Aug. 15, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	95.54	FEB 27	101.21	MAY 24	103.97	JUL 19	102.64

WATER YEAR 2002 HIGHEST 95.54 NOV 27, 2001 LOWEST 103.97 MAY 24, 2002



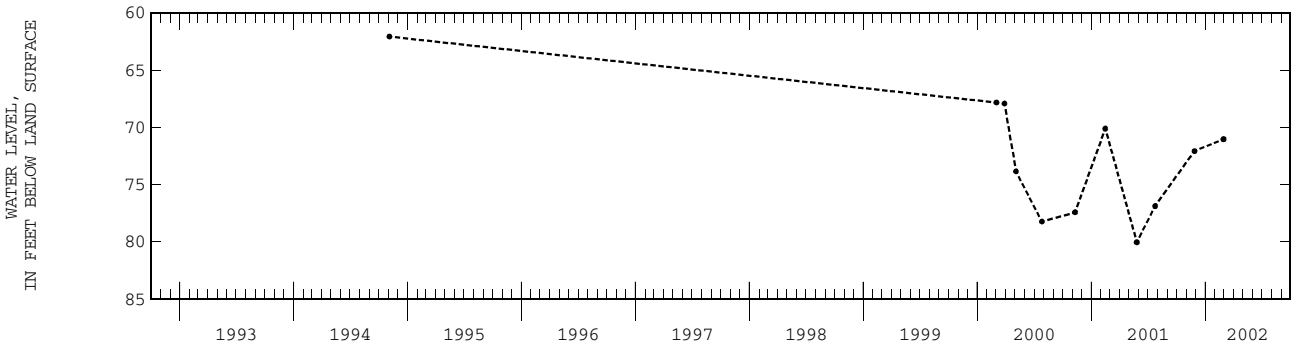
WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-40, Site ID 302431091130301.
LOCATION.--Lat 30°24'31", long 91°13'03", Hydrologic Unit 08070300, Sec. 3, T. 8S, R.12E.OWNER.--G & C Dameron.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 2,191 ft, screened 2,151-2,191, casing diameter 3 to 2 in.
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 2-in. casing extension, 0.7 ft below land-surface datum.
PERIOD OF RECORD.--1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 62.09 ft below land-surface datum, Nov. 4, 1994; lowest recorded, 80.03 ft below land-surface datum, May 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	72.08	FEB 28	71.04

WATER YEAR 2002 HIGHEST 71.04 FEB 28, 2002 LOWEST 72.08 NOV 27, 2001

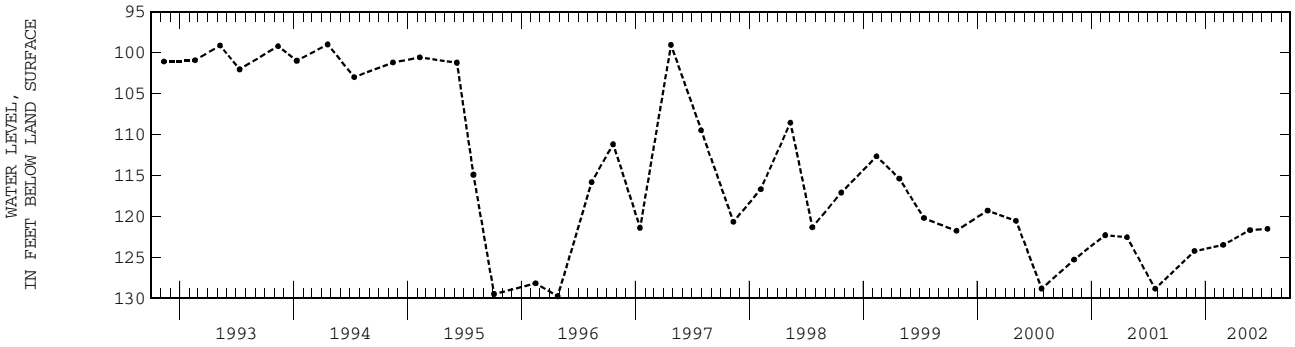


LOCAL NUMBER.--WBR-100A, Site ID 302652091121401.
LOCATION.--Lat 30°26'52", long 91°12'14", Hydrologic Unit 08070300, Sec. 68, T. 7S, R.12E.
AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).
WELL CHARACTERISTICS.--Depth 1,888 ft, screened 1,884-1,888, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 29 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.30 ft below land-surface datum, May 6, 1966; lowest recorded, 129.75 ft below land-surface datum, Apr. 26, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	124.23	FEB 27	123.49	MAY 24	121.67	JUL 19	121.52

WATER YEAR 2002 HIGHEST 121.52 JUL 19, 2002 LOWEST 124.23 NOV 27, 2001

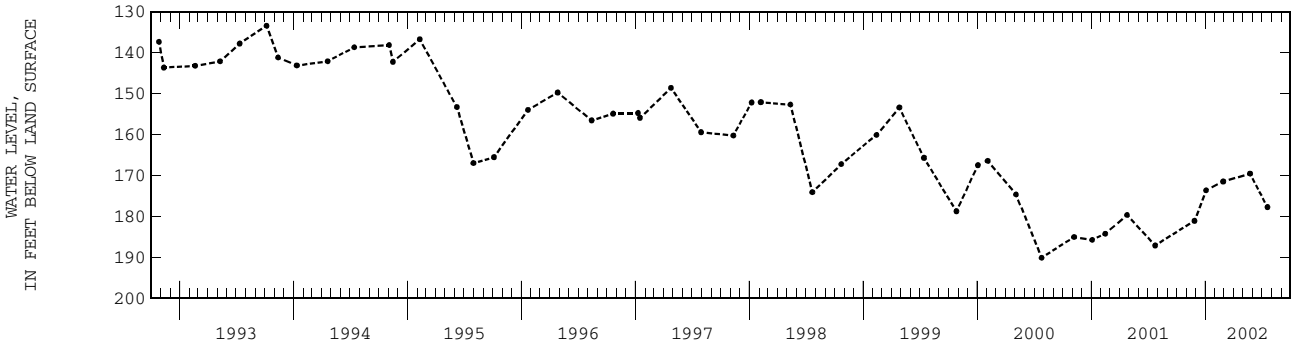


LOCAL NUMBER.--WBR-100B, Site ID 302652091121402.
LOCATION.--Lat 30°26'52", long 91°12'14", Hydrologic Unit 08070300, Sec. 68, T. 7S, R.12E.
OWNER.--U.S. Geological Survey.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 2,448 ft, screened 2,444-2,448, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 29 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.06 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.97 ft below land-surface datum, May 17, 1966; lowest recorded, 190.06 ft below land-surface datum, July 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	181.02	JAN 03	173.57	FEB 27	171.41	MAY 24	169.48	JUL 19	177.66

WATER YEAR 2002 HIGHEST 169.48 MAY 24, 2002 LOWEST 181.02 NOV 27, 2001

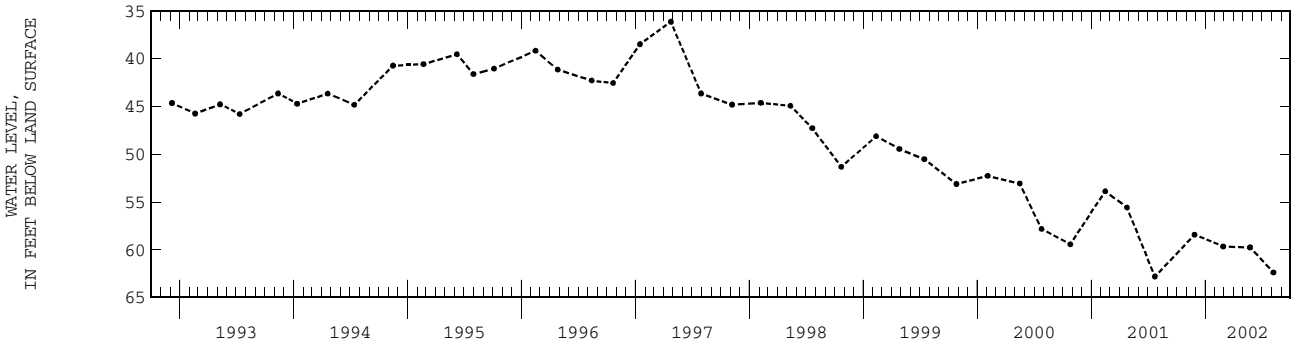


LOCAL NUMBER.--WBR-102A, Site ID 302806091172601.
LOCATION.--Lat 30°28'06", long 91°17'26", Hydrologic Unit 08070300, Sec. 7, T. 7S, R.12E.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,288 ft, screened 1,284-1,288, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 18 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.71 ft above land-surface datum.
PERIOD OF RECORD.--1966-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.13 ft below land-surface datum, Apr. 24, 1997; lowest recorded, 62.79 ft below land-surface datum, July 23, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	58.41	FEB 27	59.65	MAY 24	59.74	AUG 07	62.37

WATER YEAR 2002 HIGHEST 58.41 NOV 27, 2001 LOWEST 62.37 AUG 07, 2002



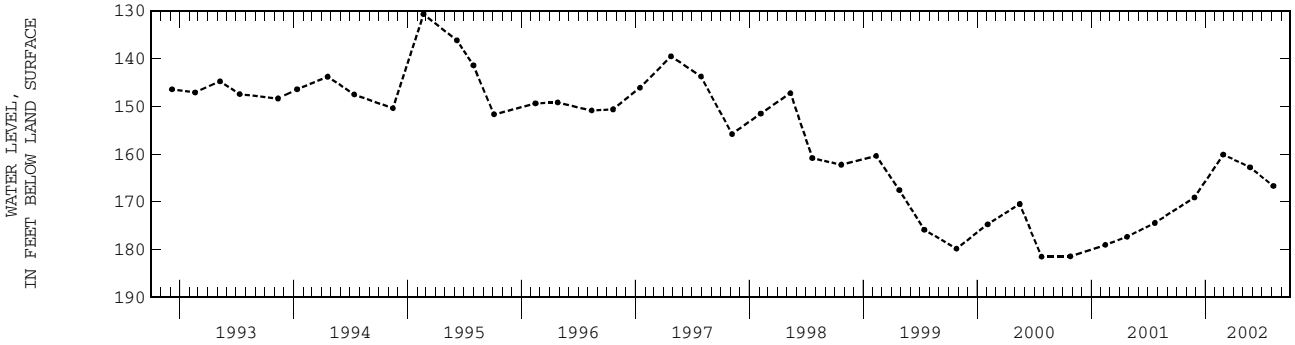
WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-102B, Site ID 302806091172602.
LOCATION.--Lat 30°28'06", long 91°17'26", Hydrologic Unit 08070300, Sec. 7, T. 7S, R.12E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,100 ft, screened 2,096-2,100, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 18 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.07 ft above land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.89 ft below land-surface datum, Apr. 22, 1966; lowest recorded, 189.22 ft below land-surface datum, Sep. 25, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	169.13	FEB 27	160.16	MAY 24	162.81	AUG 07	166.72

WATER YEAR 2002 HIGHEST 160.16 FEB 27, 2002 LOWEST 169.13 NOV 27, 2001

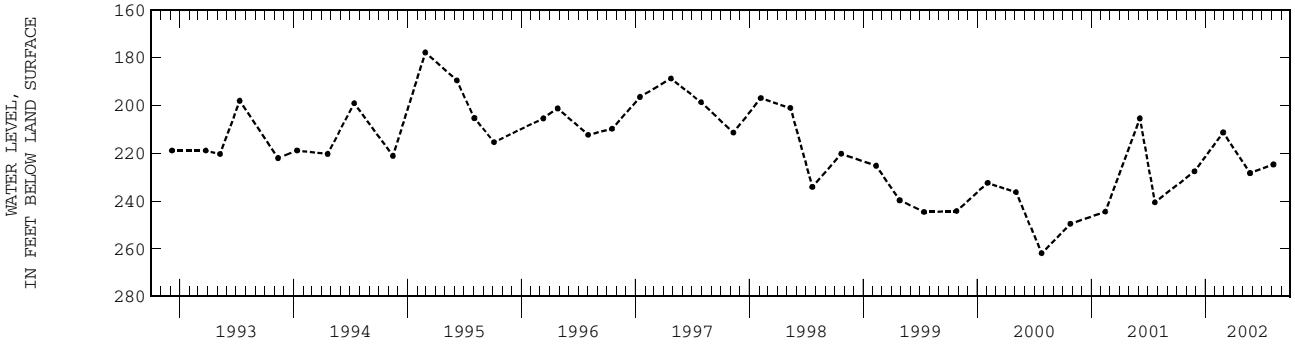


LOCAL NUMBER.--WBR-106, Site ID 302703091133703.
LOCATION.--Lat 30°27'03", long 91°13'37", Hydrologic Unit 08070300, Sec. 93, T. 7S, R.12E.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,017 ft, screened 2,012-2,017, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 22 ft above NGVD of 1929. Measuring point: Top edge of 3/4-in. air line, 2.08 ft above land-surface datum.
PERIOD OF RECORD.--1966-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 166.62 ft below land-surface datum, July 28, 1966; lowest recorded, 288.20 ft below land-surface datum, Nov. 8, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	227.59	FEB 27	211.28	MAY 24	228.28	AUG 07	224.67

WATER YEAR 2002 HIGHEST 211.28 FEB 27, 2002 LOWEST 228.28 MAY 24, 2002



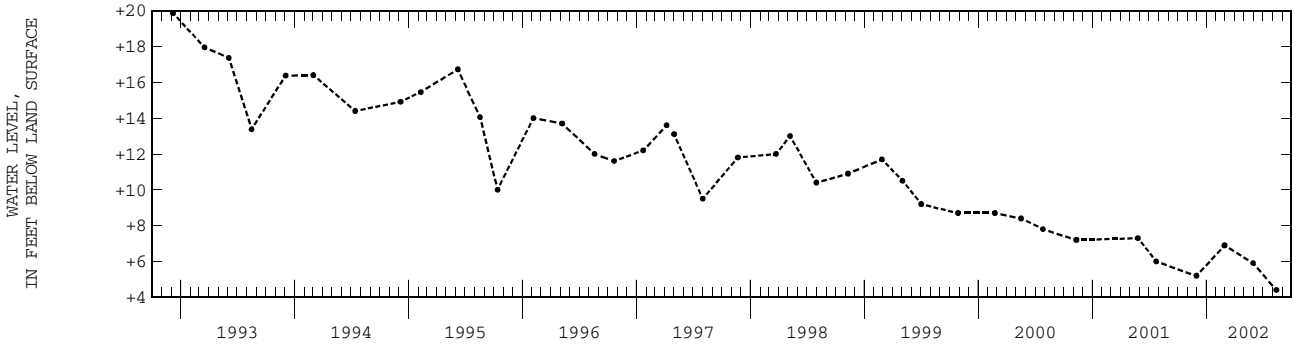
WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-111.
LOCATION.--Hydrologic Unit 08070300.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 2,650 ft, screened 2,610-2,650, casing diameter 16 to 10 to 8 in.
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Center line of 8-in. casing, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--1970-71, 1974, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.5 ft above land-surface datum, Jan. 15, 1970; lowest recorded, 4.4 ft above land-surface datum, Aug. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	+5.2	FEB 28	+6.9	MAY 31	+5.9	AUG 13	+4.4

WATER YEAR 2002 HIGHEST +6.9 FEB 28, 2002 LOWEST +4.4 AUG 13, 2002

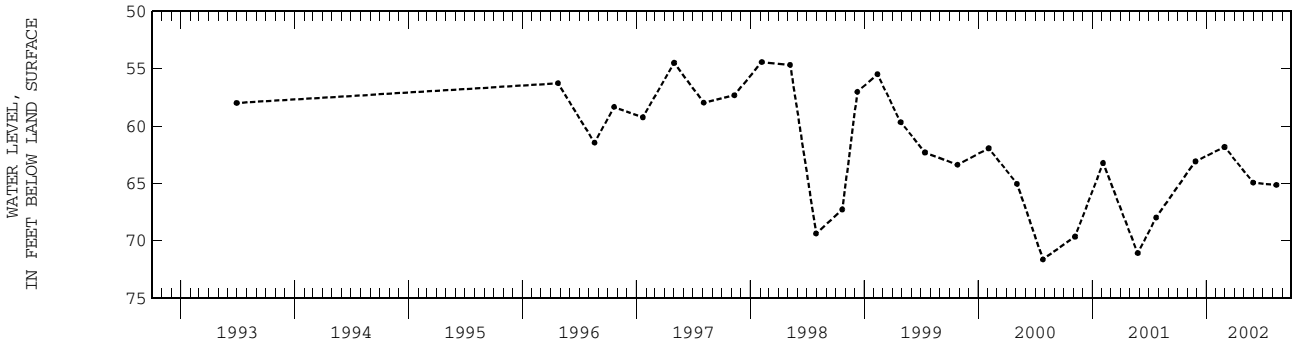


LOCAL NUMBER.--WBR-132.
LOCATION.--Hydrologic Unit 08070300.
AQUIFER.--"1,500-ft" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 2,082 ft, Screened 2,012-2,082, Casing diameter 12 3/4 to 8 5/8 to 6 5/8-in.
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of sanitary seal on west side, remove ½-in. pipe and cap, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1976, 1993-94, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.65 ft below land-surface datum, Feb. 10, 1976; lowest recorded, 71.65 ft below land-surface datum, July 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	63.09	FEB 28	61.84	MAY 31	64.94	AUG 13	65.15

WATER YEAR 2002 HIGHEST 61.84 FEB 28, 2002 LOWEST 65.15 AUG 13, 2002



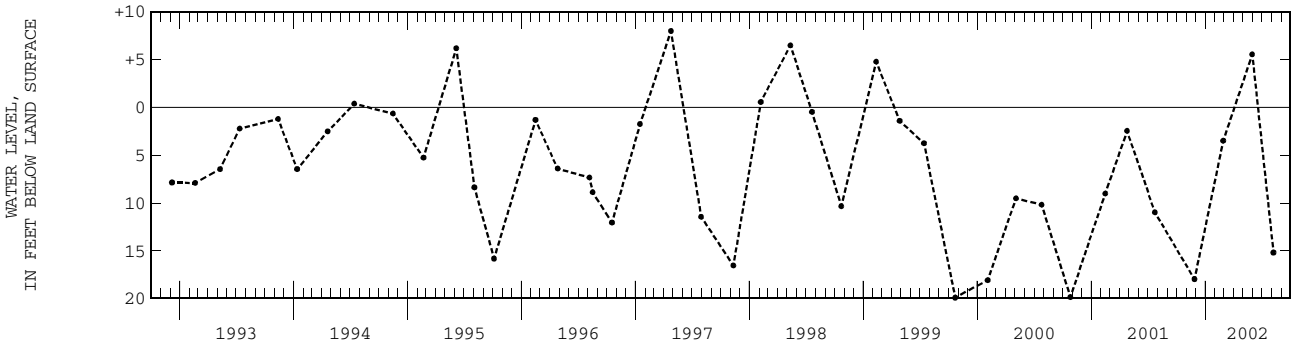
WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-146, Site ID 302853091150201.
LOCATION.--Lat 30°28'53", long 91°15'02", Hydrologic Unit 08070300, Sec.119, T. 7S, R.12E.
OWNER.--U.S. Geological Survey.
AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).
WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Lip of 3/4-in. nipple, 2.76 ft above land-surface datum.
PERIOD OF RECORD.--1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.54 ft above land-surface datum, Apr. 27, 1979; lowest recorded, 20.60 ft below land-surface datum, Oct. 24, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	17.96	FEB 27	3.48	MAY 31	+5.56	AUG 07	15.18

WATER YEAR 2002 HIGHEST +5.56 MAY 31, 2002 LOWEST 17.96 NOV 27, 2001

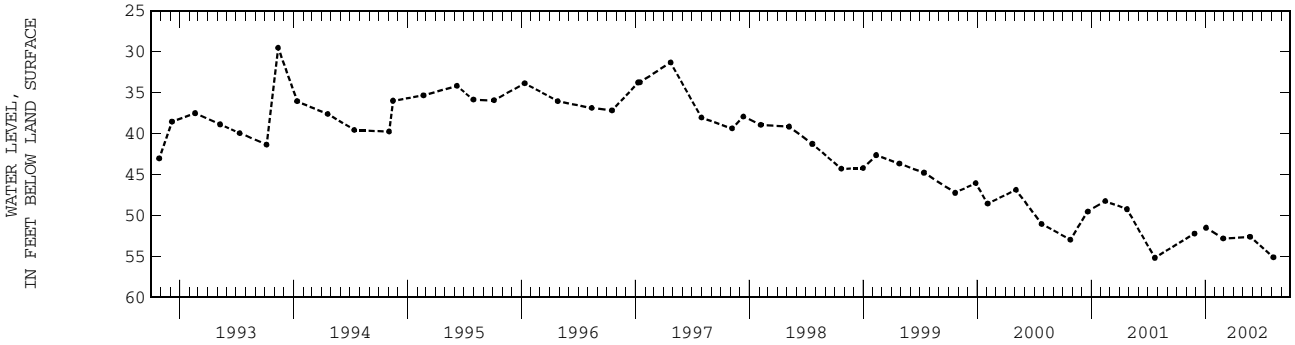


LOCAL NUMBER.--WBR-148, Site ID 302702091185101.
LOCATION.--Lat 30°27'02", long 91°18'51", Hydrologic Unit 08070300, Sec. 23, T. 7S, R.11E.
AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
WELL CHARACTERISTICS.--Depth 1,304 ft, screened 1,294-1,304, casing diameter 2 ½ in.
DATUM.--Elevation of land surface datum is 14 ft above NGVD of 1929. Measuring point: Top of 2 ½-in. casing, at land-surface datum.
PERIOD OF RECORD.--1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.54 ft below land-surface datum, Nov. 12, 1993; lowest recorded, 55.18 ft below land-surface datum, July 23, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	52.22	JAN 03	51.51	FEB 27	52.82	MAY 24	52.61	AUG 07	55.11

WATER YEAR 2002 HIGHEST 51.51 JAN 03, 2002 LOWEST 55.11 AUG 07, 2002

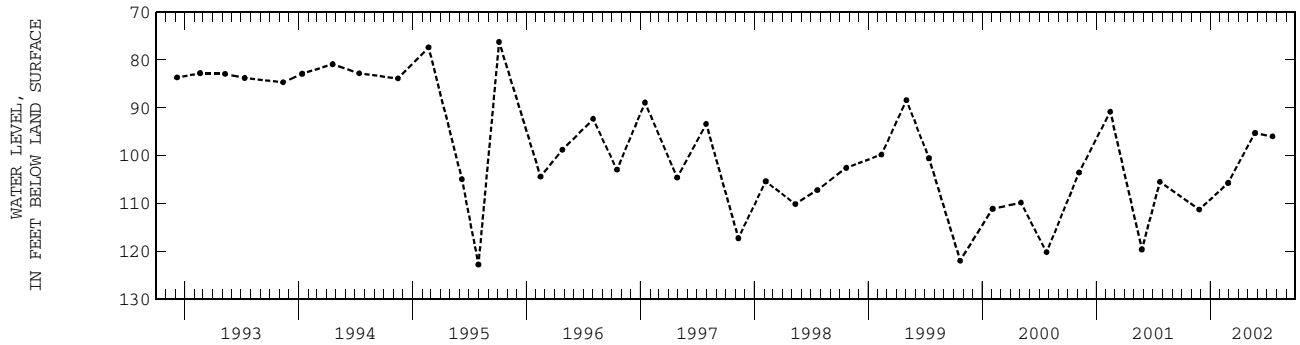


LOCAL NUMBER.--WBR-160, Site ID 302958091124801.
LOCATION.--Lat 30°29'58", long 91°12'48", Hydrologic Unit 08070300, Sec. 50, T. 6S, R.12E.
OWNER.--West Baton Rouge Gas and Water System.
AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).
WELL CHARACTERISTICS.--Depth 840 ft, screened 830-840, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: ½-in. hole in top of 4-in. cap, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.10 ft below land-surface datum, July 15, 1980; lowest recorded, 122.81 ft below land-surface datum, July 31, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	111.29	FEB 27	105.71	MAY 24	95.26	JUL 19	95.99

WATER YEAR 2002 HIGHEST 95.26 MAY 24, 2002 LOWEST 111.29 NOV 26, 2001

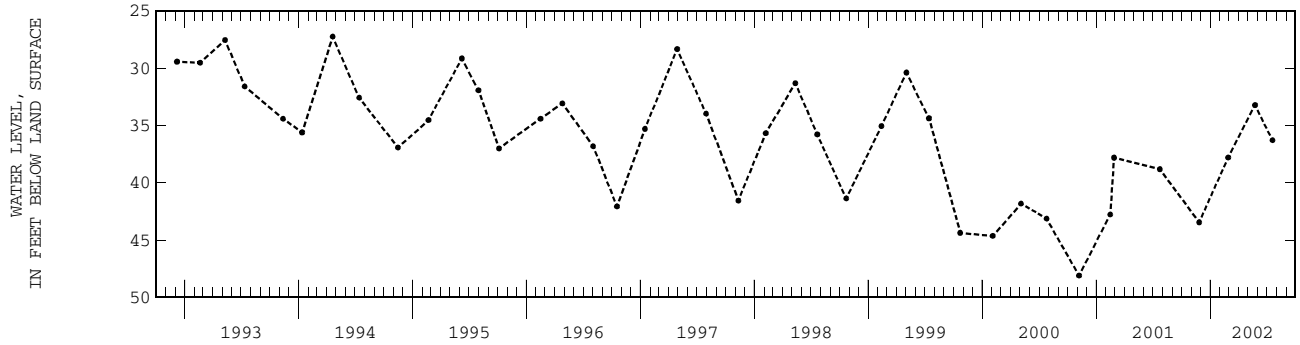


LOCAL NUMBER.--WBR-161, Site ID 302958091124802.
LOCATION.--Lat 30°29'58", long 91°12'48", Hydrologic Unit 08070300, Sec. 50, T. 6S, R.12E.
OWNER.--U.S. Geological Survey.
AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).
WELL CHARACTERISTICS.--Depth 650 ft, screened 640-650, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.86 ft below land-surface datum, July 5, 1990; lowest recorded, 63.75 ft below land-surface datum, Sep. 19, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	43.46	FEB 27	37.81	MAY 24	33.24	JUL 19	36.31

WATER YEAR 2002 HIGHEST 33.24 MAY 24, 2002 LOWEST 43.46 NOV 26, 2001



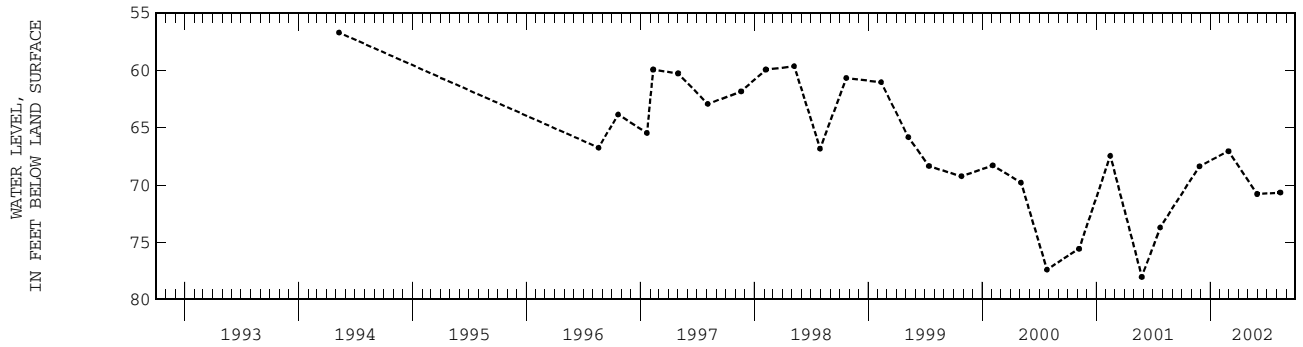
WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-173.
LOCATION.--Hydrologic Unit 08070300.
AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).
WELL CHARACTERISTICS.--Depth 2,194 ft, screened 2,124-2,194, casing diameter 18 to 12 to 8 in.
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Lower lip of access pipe on east side, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--1994, 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.72 ft below land-surface datum, May 10, 1994; lowest recorded, 78.03 ft below land-surface datum, May 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 27	68.38	FEB 28	67.06	MAY 31	70.79	AUG 13	70.66

WATER YEAR 2002 HIGHEST 67.06 FEB 28, 2002 LOWEST 70.79 MAY 31, 2002



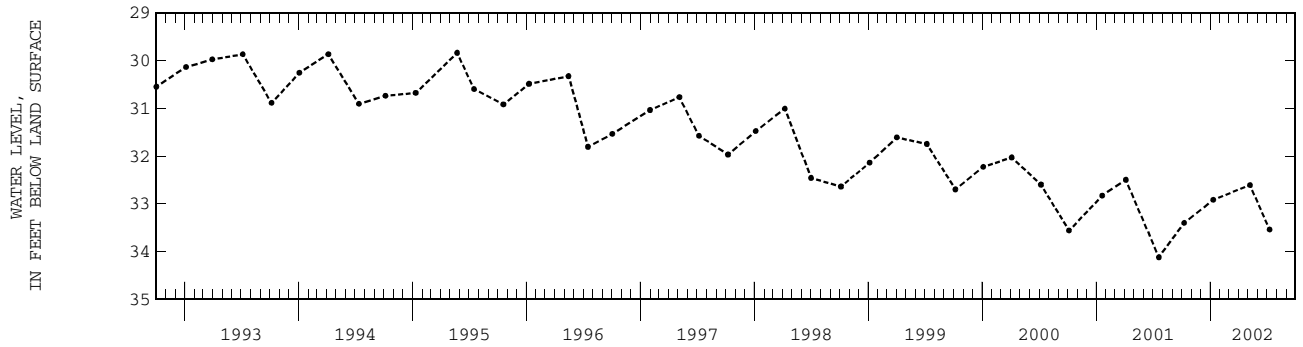
WEST CARROLL PARISH

LOCAL NUMBER.--WC-36, Site ID 324508091252301.
LOCATION.--Lat 32°45'08", long 91°25'23", Hydrologic Unit 08050002, Sec. 2, T.20S, R.10E.
AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).
WELL CHARACTERISTICS.--Depth 383 ft, screened 377-383, casing diameter 4 to 2 in.
DATUM.--Elevation of land surface datum is 106.35 ft above NGVD of 1929. Measuring point: Top of casing collar, 1.1 ft above land-surface datum.
PERIOD OF RECORD.--1955-82, 1984-87, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.13 ft below land-surface datum, Mar. 19, 1963; lowest recorded, 34.12 ft below land-surface datum, July 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	33.40	JAN 10	32.92	MAY 08	32.61	JUL 10	33.54

WATER YEAR 2002 HIGHEST 32.61 MAY 08, 2002 LOWEST 33.54 JUL 10, 2002



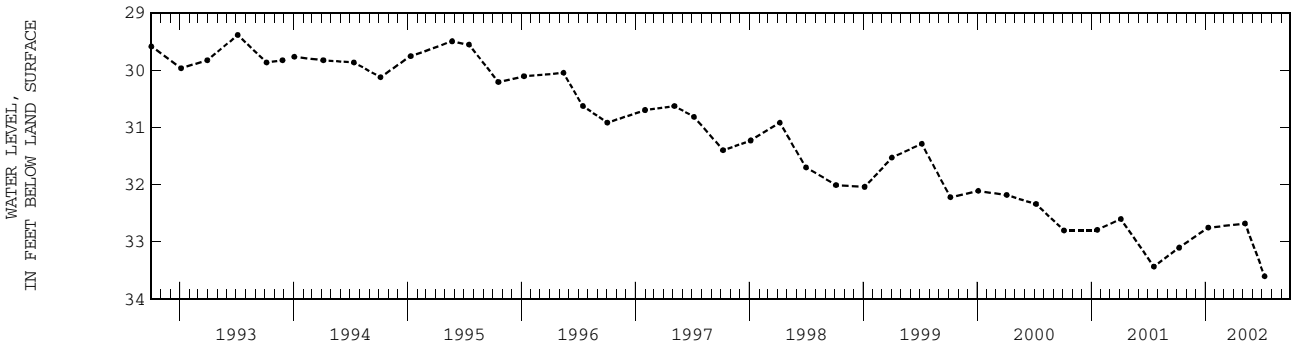
WEST CARROLL PARISH--Continued

LOCAL NUMBER.--WC-230, Site ID 324508091252302.
LOCATION.--Lat 32°45'08", long 91°25'23", Hydrologic Unit 08050002, Sec. 2, T.20N, R.10E.
AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).
WELL CHARACTERISTICS.--Depth 87 ft, screened 84-87, casing diameter 2 to 1 ¼ in.
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.19 ft below land-surface datum, July 17, 1990; lowest recorded, 33.43 ft below land-surface datum, July 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	33.10	JAN 10	32.75	MAY 08	32.68	JUL 10	33.60

WATER YEAR 2002 HIGHEST 32.68 MAY 08, 2002 LOWEST 33.60 JUL 10, 2002



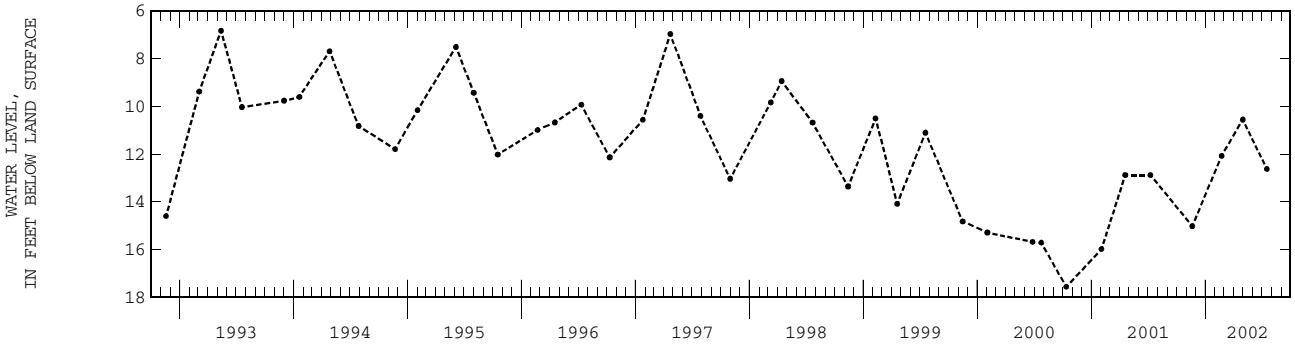
WEST FELICIANA PARISH

LOCAL NUMBER.--WF-22D, Site ID 305643091341201.
LOCATION.--Lat 30°56'43", long 91°34'12", Hydrologic Unit 08070201, Sec. 53, T. 1S, R. 5W.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 907 ft, screened 847-907, casing diameter 12 in.
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Hole in top of reducer above casing, 0.65 ft above land-surface datum.
PERIOD OF RECORD.--1956, 1958-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.90 ft above land-surface datum, Apr. 3, 1959; lowest recorded, 17.56 ft below land-surface datum, Oct. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	15.02	FEB 22	12.08	MAY 01	10.56	JUL 17	12.63

WATER YEAR 2002 HIGHEST 10.56 MAY 01, 2002 LOWEST 15.02 NOV 20, 2001



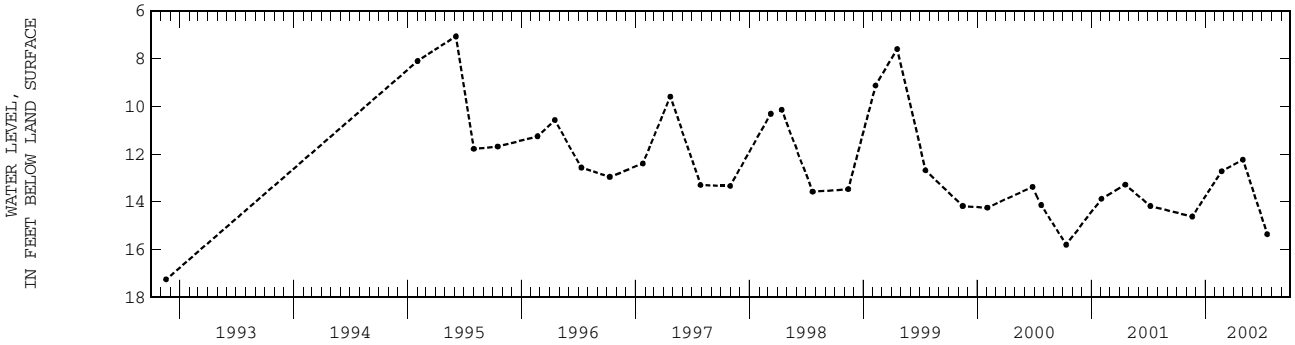
WEST FELICIANA PARISH--Continued

LOCAL NUMBER.--WF-40, Site ID 305633091341601.
LOCATION.--Lat 30°56'33", long 91°34'16", Hydrologic Unit 08070201, Sec. 24, T. 1S, R. 5W.
AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
WELL CHARACTERISTICS.--Depth 632 ft, screened 549-632, casing diameter 12 to 9 5/8 in.
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Bottom edge of 3/4-in. nipple, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--1956, 1958-59, 1963-88, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.90 ft above land-surface datum, May 8, 1958; lowest recorded, 17.25 ft below land-surface datum, Nov. 18, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	14.62	FEB 22	12.73	MAY 01	12.24	JUL 18	15.36

WATER YEAR 2002 HIGHEST 12.24 MAY 01, 2002 LOWEST 15.36 JUL 18, 2002

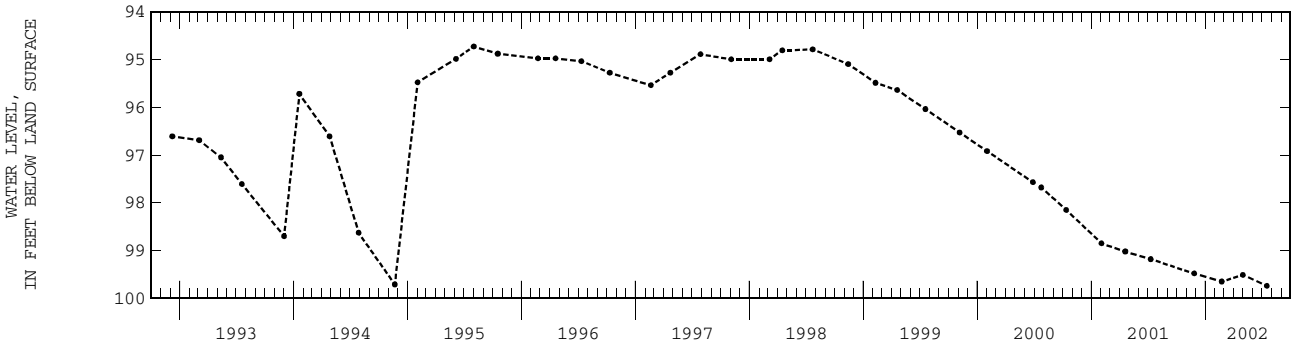


LOCAL NUMBER.--WF-158, Site ID 304844091204101.
LOCATION.--Lat 30°48'44", long 91°20'41", Hydrologic Unit 08070201, Sec. 80, T. 3S, R. 2W.
AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).
WELL CHARACTERISTICS.--Depth 156 ft, screened 146-156, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 198 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--1958, 1976-78, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.00 ft below land-surface datum, Dec. 1, 1958; lowest recorded, 102.23 ft below land-surface datum, Aug. 5, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	99.48	FEB 22	99.65	MAY 01	99.51	JUL 17	99.74

WATER YEAR 2002 HIGHEST 99.48 NOV 26, 2001 LOWEST 99.74 JUL 17, 2002

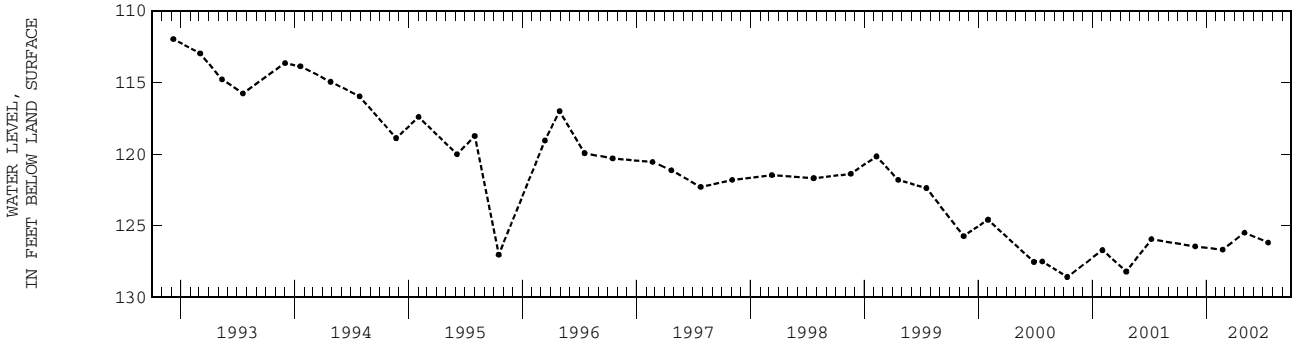


LOCAL NUMBER.--WF-222.
LOCATION.--Hydrologic Unit 08070201.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 1,526 ft, Screened 1,446-1,526, Casing diameter 12 to 8 in.
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Plug in flange before discharge pipe, 1.23 ft above land-surface datum.
PERIOD OF RECORD.--1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.64 below land-surface datum, Apr. 16, 1962; lowest recorded, 138.53 ft below land-surface datum, Apr. 16, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	126.45	FEB 22	126.68	MAY 03	125.50	JUL 18	126.19

WATER YEAR 2002 HIGHEST 125.50 MAY 03, 2002 LOWEST 126.68 FEB 22, 2002

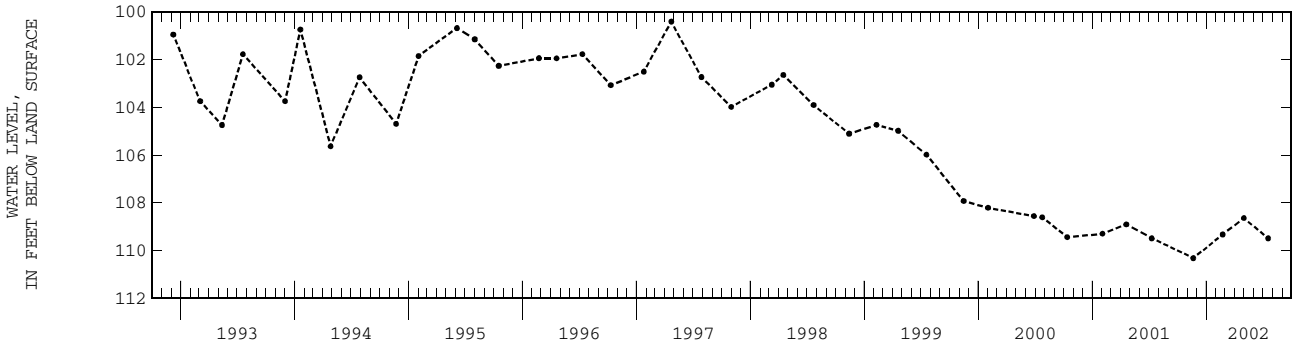


LOCAL NUMBER.--WF-254, Site ID 304933091224201.
LOCATION.--Lat 30°49'33", long 91°22'42", Hydrologic Unit 08070201, Sec. 68, T. 2S, R. 3W.
AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).
WELL CHARACTERISTICS.--Depth 793 ft, screened interval unknown, casing diameter 4 in.
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Top edge of 3-in. casing, 0.8 ft above land-surface datum.
PERIOD OF RECORD.--1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.42 ft below land-surface datum, Apr. 22, 1997; lowest recorded, 110.32 ft below land-surface datum, No. 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	110.32	FEB 22	109.33	MAY 01	108.64	JUL 18	109.49

WATER YEAR 2002 HIGHEST 108.64 MAY 01, 2002 LOWEST 110.32 NOV 20, 2001

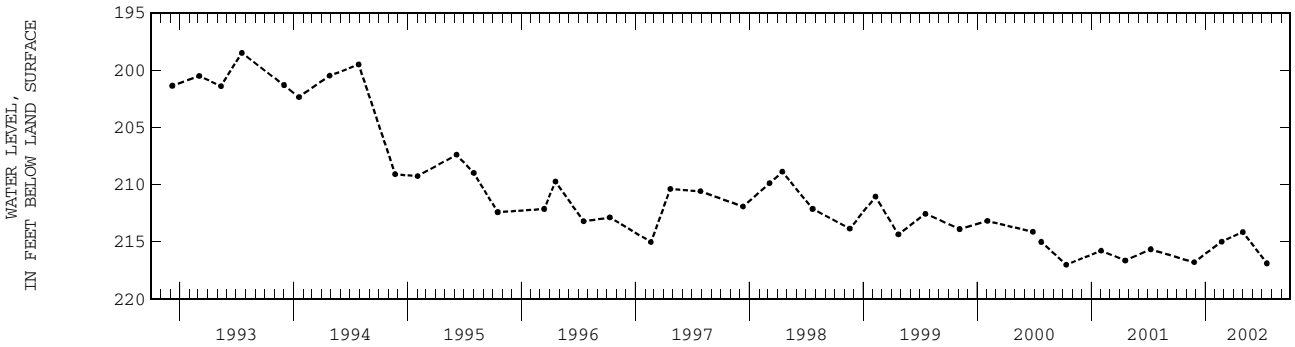


LOCAL NUMBER.--WF-274.
LOCATION.--Hydrologic Unit 08070201.
AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).
WELL CHARACTERISTICS.--Depth 1,630 ft, screened 1,590-1,630,casing diameter 10 to 6 in.
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Edge of breather pipe, 2.9 ft above land-surface datum.
PERIOD OF RECORD.--1982, 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 198.38 ft below land-surface datum, Sep. 16, 1992; lowest recorded, 216.99 ft below land-surface datum, Oct. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	216.78	FEB 22	214.98	MAY 01	214.14	JUL 17	216.87

WATER YEAR 2002 HIGHEST 214.14 MAY 01, 2002 LOWEST 216.87 JUL 17, 2002

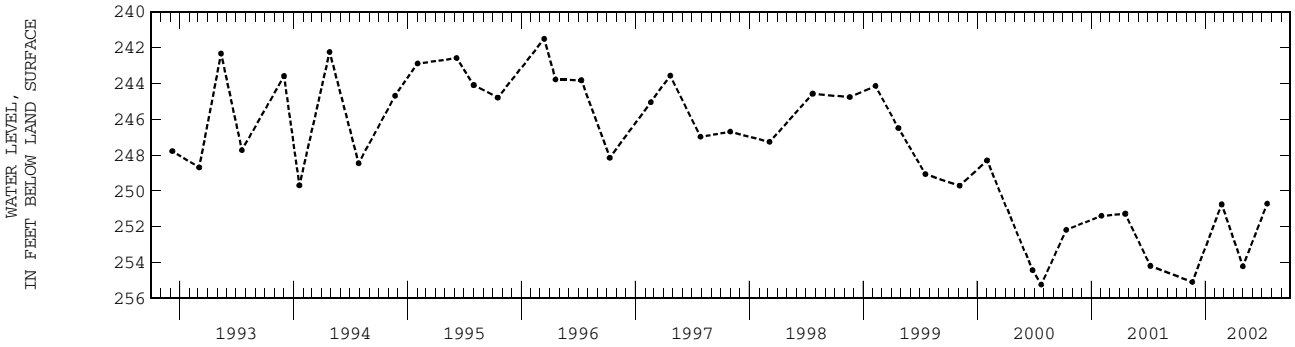


LOCAL NUMBER.--WF-286.
LOCATION.--Hydrologic Unit 08070201.
AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).
WELL CHARACTERISTICS.--Depth 982 ft, Screened 912-930 and 940-982, Casing diameter 10 3/4 to 8 5/8-in.
DATUM.--Elevation of land surface datum is 290 ft above NGVD of 1929. Measuring point: Edge of breather pipe on west side, 1.9 ft above land-surface datum.
PERIOD OF RECORD.--1987, 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 234.00 below land-surface datum, Sep. 26, 1987; lowest recorded, 255.24 ft below land-surface datum, July 24, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 20	255.09	FEB 22	250.76	MAY 01	254.22	JUL 18	250.72

WATER YEAR 2002 HIGHEST 250.72 JUL 18, 2002 LOWEST 255.09 NOV 20, 2001



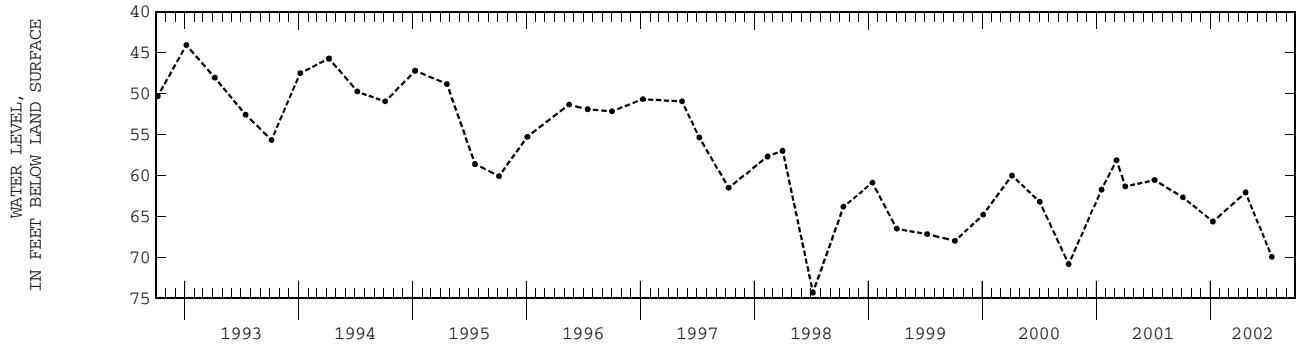
WINN PARISH

LOCAL NUMBER.--W-28.
LOCATION.--Hydrologic Unit 08040303.
AQUIFER.--Sparta aquifer of Eocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 480 ft, screened 360-480, casing diameter 14 to 10 in.
DATUM.--Elevation of land surface datum is 105 ft above NGVD of 1929. Measuring point: Top of 1-in. coupling, 1.1 ft above land-surface datum.
PERIOD OF RECORD.--1963, 1991 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.10 ft below land-surface datum, Apr. 6, 1992; lowest recorded, 74.26 ft below land-surface datum, July 7, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	62.65	JAN 09	65.59	APR 24	62.03	JUL 17	69.91

WATER YEAR 2002 HIGHEST 62.03 APR 24, 2002 LOWEST 69.91 JUL 17, 2002

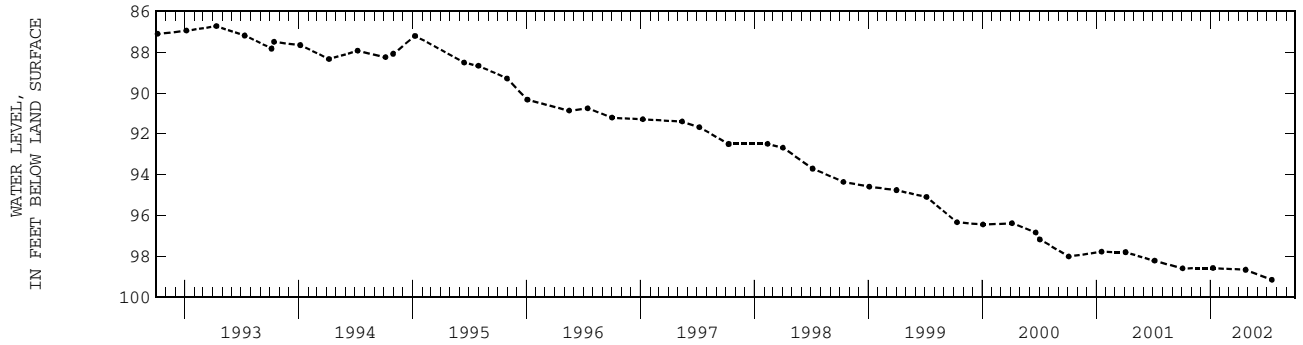


LOCAL NUMBER.--W-172, Site ID 320541092291601.
LOCATION.--Lat 32°05'41", long 92°29'16", Hydrologic Unit 08040302, Sec. 20, T.13N, R. 1W.
AQUIFER.--Sparta aquifer of Pleistocene age (124SPRT).
WELL CHARACTERISTICS.--Depth 655 ft, screened 645-655, casing diameter 2 in.
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Top of casing, 4.7 ft above land-surface datum.
PERIOD OF RECORD.--1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.68 ft below land-surface datum, Mar. 2, 1979; lowest recorded, 98.20 ft below land-surface datum, July 6, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	98.57	JAN 09	98.55	APR 24	98.64	JUL 17	99.13

WATER YEAR 2002 HIGHEST 98.55 JAN 09, 2002 LOWEST 99.13 JUL 17, 2002



SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA
[See end of table for explanation of hydrogeologic unit (aquifer) codes]

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Local ident-i-fier	Station number	HYDRO-GEO-LOGIC UNIT CODE	DEPTH OF WELL, TOTAL (FEET) (72008)	Date	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
		ACADIA PARISH					
AC- 451	300740092265001	112CHCTU	293	04-09-02	--	794	42.0
		112CHCTU	293	09-13-02	--	799	40.0
		ASCENSION PARISH					
AN- 502	300956090525201	112NORC	300	09-06-02	--	854	140
AN- 547	301557090541001	112GZNO	535	04-17-02	--	290	5.90
		112GZNO	535	09-05-02	--	289	6.10
		CALCASIEU PARISH					
CU- 767	301036093124401	11207LC	850	04-10-02	70.11	3580	1010
		11207LC	850	09-12-02	73.53	3580	1000
CU- 771	301336093183002	11202LC	241	04-11-02	59.72	425	16.0
		11202LC	241	09-12-02	61.17	430	16.0
CU- 787	300353093210201	11205LC	734	04-11-02	51.67	525	46.0
		11205LC	734	09-12-02	54.53	523	45.0
CU- 960	301031093204902	11205LC	598	04-10-02	87.63	758	140
		11205LC	598	09-12-02	90.60	754	130
CU-1385	301324093170501	11205LC	580	10-11-01	--	699	110
		11205LC	533	09-12-02	--	699	110
		CAMERON PARISH					
CN- 80L	295846092381105	112CHCTU	481	04-09-02	--	1300	260
		112CHCTU	381	09-10-02	34.28	1280	250
CN- 86L	300120093320802	11205LC	641	04-11-02	37.70	1990	480
CN- 88L	300055093093004	11205LC	804	04-10-02	48.80	2330	590
		11205LC	804	09-11-02	50.30	2370	590
CN- 90	295611093044801	11202LC	396	04-10-02	29.87	985	170
		11202LC	396	09-11-02	31.49	988	160
CN- 92	300104093015601	11202LC	443	04-10-02	37.62	1900	430
		11202LC	443	09-11-02	38.56	1870	420
		CONCORDIA PARISH					
CO- 205	312614091400001	112MRVA	130	03-18-02	11.17	859	64.0
		112MRVA	130	09-03-02	19.07	909	64.0
CO- 215	312630091390001	112MRVA	121	03-18-02	9.60	3100	800
		112MRVA	121	09-03-02	16.20	3100	780
		EAST BATON ROUGE PARISH					
EB- 151	302641091085801	12220BR	2658	12-10-01	--	355	2.60
EB- 413	302642091083201	12115BR	1745	12-10-01	--	335	3.80
EB- 434	302619091104003	11206BR	611	12-19-01	--	456	56.0
EB- 621	302500091052501	12112BR	1487	12-10-01	--	513	50.0
EB- 630	302651091112408	12220BR	2253	12-10-01	--	437	7.50
EB- 700	303130091073101	12228BR	2557	01-10-02	--	589	8.20
EB- 750	303141091114801	12228BR	2643	12-10-01	--	744	61.0
EB- 771	302646091083801	12115BR	1739	12-10-01	--	332	3.90
EB- 778	302509091082701	12220BR	2586	01-16-02	17.60	1010	150
EB- 780A	302509091082702	12112BR	1622	01-16-02	43.59	3160	870
EB- 782A	302535091090402	12110BR	1189	12-28-01	36.38	1850	460
EB- 783B	302502091113602	12220BR	2675	01-18-02	--	3040	730
EB- 792B	302605091080602	12220BR	2286	12-12-01	208.11	388	2.40
EB- 793	302719091103201	11206BR	687	12-27-01	58.78	326	3.40
EB- 798	303133091103101	12228BR	2647	12-10-01	--	1740	380
EB- 803B	302306091022602	12220BR	2565	01-17-02	--	2310	560
EB- 804A	302428091035001	12117BR	1950	12-18-01	114.19	384	2.30
EB- 804B	302428091035002	12224BR	2762	12-18-01	119.96	a697	100
EB- 805	302428091035003	12110BR	1072	12-18-01	79.50	25000	8360
EB- 825	302553091092002	11204BR	475	01-04-02	39.02	274	3.90
EB- 870	302729091100601	11206BR	692	01-03-02	72.17	288	3.00
EB- 879	302402091005201	11206BR	664	01-11-02	--	302	3.10
EB- 917	302614091083001	12115BR	1736	12-19-01	148.47	349	15.0
EB- 918	302547091074401	12115BR	1834	12-20-01	139.31	2090	550
EB- 990	302509091035301	12112BR	1450	12-10-01	--	318	2.60

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Local ident-i-fier	Station number	HYDRO-GEO-LOGIC UNIT CODE	DEPTH OF WELL, TOTAL (FEET) (72008)	Date	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
		EAST BATON ROUGE PARISH					
EB-1000	303251091115001	12228BR	2926	12-26-01	68.99	732	64.0
EB-1007	302711091111501	12108BR	845	01-18-02	--	370	3.20
EB-1017C	302406091021203	11204BR	567	12-10-01	--	310	3.60
EB-1028	302605091100901	12220BR	2238	12-12-01	--	1280	280
EB-1149	302653091103702	12224BR	2694	12-10-01	--	401	2.50
EB-1150	302653091103703	12220BR	2242	12-10-01	--	551	52.0
EB-1253	302652091112410	12223BR	2687	12-10-01	--	428	3.00
EB-1278	302501091052601	11204BR	547	01-10-02	33.95	313	2.70
		FRANKLIN PARISH					
FR- 720	320941091411301	112MRVA	100	03-13-02	18.61	9840	3050
		112MRVA	100	05-13-02	18.45	9560	3150
		112MRVA	100	09-03-02	19.01	9800	3080
FR- 721	320958091425501	112MRVA	77	03-13-02	10.33	1630	250
		112MRVA	77	04-16-02	10.17	1710	270
		112MRVA	77	09-03-02	11.90	1660	260
		IBERIA PARISH					
I- 93	300035091443301	112CHCTU	585	03-27-02	19.59	729	39.0
		112CHCTU	585	09-10-02	19.37	728	37.0
		JEFFERSON PARISH					
JF- 161	295549090104101	112GZNO	772	04-17-02	--	1370	250
		112GZNO	772	09-17-02	--	2720	660
JF- 184	295926090143201	112GZNO	704	04-05-02	--	815	130
		112GZNO	704	09-04-02	--	819	120
		JEFFERSON DAVIS PARISH					
JD- 491	300508092405601	112CHCTU	377	04-09-02	--	711	99.0
		112CHCTU	377	09-13-02	--	712	96.0
		LAFAYETTE PARISH					
LF- 524	300605091593502	112CHCTU	174	04-09-02	--	310	7.80
		112CHCTU	174	09-10-02	--	307	8.40
		MADISON PARISH					
MA- 64	322614091122001	112MRVA	117	03-14-02	9.35	8930	2710
		112MRVA	117	09-04-02	14.10	9730	2830
MA- 65	322428091130201	112MRVA	119	05-13-02	8.00	6150	1690
		112MRVA	119	09-04-02	10.33	6300	1670
		MOREHOUSE PARISH					
MO- 65	324647091543801	124SPRT	564	03-15-02	--	1240	180
		124SPRT	564	08-30-02	--	1270	190
MO- 342	324753091471201	124SPRT	620	03-27-02	96.76	2050	390
MO- 710	325826091280401	112MRVA	130	03-11-02	15.78	2300	380
		112MRVA	130	09-04-02	17.19	2490	450
MO- 842	325359091344802	112MRVA	90	03-28-02	35.65	1260	130
		ORLEANS PARISH					
OR- 61	300055090013101	112GZNO	653	04-04-02	--	1000	88.0
		112GZNO	653	09-05-02	--	1040	96.0
OR- 203	300349089562401	112GZNO	453	05-06-02	59.50	1670	340
		112GZNO	453	09-17-02	65.22	1680	340
		OUACHITA PARISH					
OU- 402	321714092041401	124SPRT	750	03-25-02	60.00	3600	840
OU- 403	321714092041402	124SPRT	460	03-25-02	68.36	1800	290
OU- 405	322531092053901	124SPRT	775	03-25-02	134.39	2090	410
OU- 469	322425092020401	124SPRT	400	03-13-02	--	1030	140
		124SPRT	400	08-30-02	--	1050	120
		RICHLAND PARISH					
RI- 112	322623091294901	112MRVA	67	03-25-02	34.78	1180	280
RI- 114	322636091295702	112MRVA	66	03-25-02	31.40	1390	290
RI- 124	322605091301101	112MRVA	84	03-25-02	31.52	1570	390

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Local ident-i-fier	Station number	HYDRO-GEO-LOGIC UNIT CODE	DEPTH OF WELL, TOTAL (FEET) (72008)	Date	BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
		ST JOHN THE BAPTIST PARISH					
SJB- 165	301247090245901	120CVGN	3000	10-01-01	-45.90	1110	97.0
		120CVGN	3000	04-15-02	--	1110	100
		120CVGN	3000	09-04-02	--	1120	110
SJB- 176	301336090244101	120CVGN	2950	10-01-01	-50.80	879	41.0
		120CVGN	2950	04-15-02	--	881	44.0
		120CVGN	2950	09-04-02	--	884	45.0
SJB- 180	301143090260101	120CVGN	3091	10-01-01	--	803	39.0
		120CVGN	3091	04-15-02	--	797	40.0
		120CVGN	3091	09-04-02	--	788	40.0
		ST MARTIN PARISH					
SMN- 108	301304091424001	112CHCTL	505	03-27-02	5.49	2070	390
		112CHCTL	505	09-09-02	8.29	2090	390
SMN- 109	301304091424002	112CHCTU	375	03-27-02	6.22	1190	120
		112CHCTU	375	09-09-02	8.98	1190	120
		ST MARY PARISH					
SM- 57U	294749091402301	112CHCTU	638	03-28-02	10.26	1160	190
		112CHCTU	638	09-10-02	9.69	1170	180
		VERMILION PARISH					
VE- 637L	295345092100703	112CHCTU	243	03-28-02	13.75	2800	720
		112CHCTU	243	09-10-02	14.48	2860	700
VE- 639	293845092264901	112CHCTU	608	03-28-02	10.58	1540	300
		112CHCTU	608	09-10-02	10.16	1550	300
		WEST BATON ROUGE PARISH					
WBR- 35	302657091124201	12112BR	1290	01-22-02	--	314	2.50
WBR- 100B	302652091121402	12224BR	2448	01-03-02	173.57	373	3.00
WBR- 112	302550091124102	12115BR	2205	02-28-02	--	655	82.0
		12115BR	2205	08-13-02	--	655	82.0
WBR- 113	302547091123201	12115BR	2242	02-28-02	--	1210	230
		12115BR	2242	08-13-02	--	1210	220
WBR- 132	302505091132001	12115BR	2082	01-22-02	--	513	62.0
WBR- 136	302712091145701	12112BR	1305	01-22-02	--	288	3.60
WBR- 148	302702091185101	12112BR	1304	01-03-02	51.51	343	2.70
WBR- 173	302456091130202	12115BR	2194	01-22-02	--	380	18.0
WBR- 181	302644091121201	12117BR	1900	01-22-02	--	300	2.90
		WINN PARISH					
W- 144B	315450092310102	124SPRT	550	03-22-02	53.48	1700	190
W- 179	315948092300301	124SPRT	585	03-21-02	121.04	1580	260

a Lab Conductance.

HYDROGEOLOGIC UNIT (AQUIFER):

112CHCTL- Chicot aquifer, lower sand unit, Pleistocene age.
112CHCTU- Chicot aquifer, upper sand unit, Pleistocene age.
112GZNO-Gonzales-New Orleans aquifer, Pleistocene age.
112MRVA-Mississippi River alluvial aquifer, Pleistocene age.
112NORC-Norco Aquifer, Pleistocene age.
11202LC-“200-foot” sand of Lake Charles area, Pleistocene age.
11204BR-“400-foot” sand of Baton Rouge-Gonzales area, Pleistocene age.
11205LC-“500-foot” sand of Lake Charles area, Pleistocene age.
11206BR-“600-foot” sand of Baton Rouge area, Pleistocene age.
11207LC-“700-foot” sand of Lake Charles area, Pleistocene age.
120CVGN-Covington aquifer , Pliocene age.
12108BR-“800-foot” sand of Baton Rouge area, Pliocene age.
12110BR-“1,000-foot” sand of Baton Rouge area, Pliocene age.
12112BR-“1,200-foot” sand of Baton Rouge area, Pliocene age.
12115BR-“1,500-foot” sand of Baton Rouge area, Pliocene age.
12117BR-“1,700-foot” sand of Baton Rouge area, Pliocene age.
12220BR-“2,000-foot” sand of Baton Rouge area, Miocene age.
12223BR-“2,000 and 2,400 foot” sands of Baton Rouge area, Miocene age.
12224BR-“2,400-foot” sand of Baton Rouge area, Miocene age.
12228BR-“2,800-foot” sand of Baton Rouge area, Miocene age.
124SPRT-Sparta sand, Eocene age.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Local ident i- fier	HYDOR- GEOLOGIC UNIT (AQUIFER)	Date	DEPTH OF WELL, TOTAL (FEET) (72008)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)
					BIENVILLE PARISH							
BI- 246	Sparta	08-27-02	583	--	74	23.4	13	2.90	1.50	4.00	5.9	20
					BOSSIER PARISH							
BO- 475	Sparta	08-27-02	360	--	150	20.3	12	3.00	1.20	1.90	26.0	62
					CALDWELL PARISH							
CA- 106	Sparta	08-30-02	535	8.4	1050	23.1	2	.48	.17	1.00	260	542
					CLAIBORNE PARISH							
CL- 150	Sparta	08-28-02	750	8.4	529	24.8	--	.24	.06	.70	120	203
					JACKSON PARISH							
JA- 115	Sparta	08-29-02	940	8.7	1020	27.2	2	.55	.09	.70	220	248
					LINCOLN PARISH							
L- 160	Sparta	08-27-02	792	8.0	462	25.8	2	.47	.16	.70	100	180
					MOREHOUSE PARISH							
MO- 65	Sparta	08-30-02	564	8.4	1270	24.7	10	3.60	.34	1.50	280	349
MO- 86	Sparta	08-28-02	600	8.2	1880	23.5	19	5.10	1.40	3.10	410	441
MO- 423	Sparta	08-28-02	778	8.3	2110	25.2	10	3.10	.58	1.50	440	398
					OUACHITA PARISH							
OU- 464	Sparta	08-28-02	620	8.4	1090	23.4	2	.46	.11	.90	230	283
OU- 469	Sparta	08-30-02	400	8.3	1050	22.1	2	.50	.17	1.00	230	339
OU- 542	Sparta	08-29-02	350	8.4	1280	21.5	4	.90	.31	1.40	290	475
					UNION PARISH							
UN- 140	Sparta	08-29-02	753	8.4	1430	24.5	6	1.70	.32	1.30	280	182
UN- 202	Sparta	08-29-02	800	8.4	1270	24.7	3	.89	.23	1.10	270	297
UN- 205	Sparta	08-28-02	725	8.4	1420	25.2	15	5.20	.50	1.50	280	155
					WEBSTER PARISH							
WB- 356	Sparta	08-27-02	491	7.4	335	20.8	24	6.40	1.90	1.50	65.0	146
WB- 406	Sparta	08-27-02	640	7.8	344	24.5	50	17.0	1.90	3.10	51.0	135

MISCELLANEOUS ANALYSES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Local ident-i-fier	Date	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	CARBON DIOXIDE DIS-SOLVED (MG/L AS CO2) (00405)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
					BIENVILLE PARISH						
BI- 246	08-27-02	21	3.80	<.1	39.0	8.30	79	79	274	884	22
					BOSSIER PARISH						
BO- 475	08-27-02	67	6.80	.1	30.0	3.90	105	114	186	1310	34
					CALDWELL PARISH						
CA- 106	08-30-02	560	17.0	1.8	11.0	.30	632	628	4.1	14	<1
					CLAIBORNE PARISH						
CL- 150	08-28-02	200	44.0	.3	12.0	.20	303	297	1.5	8	<1
					JACKSON PARISH						
JA- 115	08-29-02	249	150	.3	14.0	6.00	553	541	1.0	2	<1
					LINCOLN PARISH						
L- 160	08-27-02	164	29.0	.3	22.0	9.50	282	260	3.2	28	2
					MOREHOUSE PARISH						
MO- 65	08-30-02	336	190	.5	2.40	<.20	708	--	2.4	23	10
MO- 86	08-28-02	458	360	1.2	10.0	<.80	1070	--	5.6	176	7
MO- 423	08-28-02	401	430	.8	12.0	<.20	1060	--	3.6	70	3
					OUACHITA PARISH						
OU- 464	08-28-02	280	170	.3	11.0	.40	608	581	2.1	10	<1
OU- 469	08-30-02	145	120	.8	11.0	.30	601	450	3.0	16	<1
OU- 542	08-29-02	475	120	1.4	10.0	.40	741	710	3.6	17	<1
					UNION PARISH						
UN- 140	08-29-02	178	320	.2	11.0	.30	726	885	1.4	6	<1
UN- 202	08-29-02	300	220	.4	12.0	.60	702	685	2.4	4	<1
UN- 205	08-28-02	145	350	.2	11.0	.30	722	736	1.3	5	2
					WEBSTER PARISH						
WB- 356	08-27-02	140	12.0	.2	12.0	9.40	201	193	12	108	11
WB- 406	08-27-02	141	8.70	<.1	15.0	21.0	202	202	4.2	10	34

< Actual value is known to be less than the value shown.

A

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