

Water Resources Data Louisiana Water Year 1996



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-96 -1
Prepared in cooperation with the Louisiana Department of
Transportation and Development and with other State and
Federal agencies

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CALENDAR FOR WATER YEAR 1996

1995

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1996

JANUARY							FEBRUARY							MARCH						
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Water Resources Data Louisiana Water Year 1996

by C.R. Garrison, W.M. Lovelace, and P.A. Montgomery



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-96-1

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

U.S. DEPARTMENT OF THE INTERIOR
BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY
Gordon P. Eaton, Director

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District Chief, Water Resources Division

U.S. Geological Survey

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1996

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 State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. 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 from area field offices. The following individuals supervised the collection, processing, and tabulation of the data:

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DISCONTINUED SURFACE-WATER DISCHARGE 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
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	(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	(s)	07350000	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
Saline Bayou near Clarence, LA	(s)	07353000	1,386	1974-82
Nantachie Creek near Aloha, LA	(s)	07353522	--	1942-46
Youngs Bayou at Natchitoches, LA	(d)	07353800	40.1	1957-64
Kisatchie Bayou at Lotus, LA	(d)	07354100	140	1979-92
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

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
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 St. Joseph, LA	(e)	07369648	21.4	1959-64
	(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
Fouse Bayou at State Highway 155, near Danville, LA	(d)	07371540	1.5	1977-81
Dugdemonia River near Winnfield, LA	(d)	07372000	654	1939-77
	(s)		654	1977-81
Bayou Funny Louis near Trout, LA	(d)	07372500	92	1939-70
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
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

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
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
Paillet 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
Houma Navigation Canal at Houma, LA	(s)	07381325	--	1962-67
Houma Navigation Canal at Dulac, LA	(s)	07381328	--	1976-77
Atchafalaya River at Krotz Springs, LA	(d)	07381500	--	1934-63
	(s)		--	1964-68
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
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

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
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 Southwest of Lyons Point, LA	(s)	08012295	158	1976-79
Bayou Queue de Tortue at Riceville, LA	(s)	08012300	--	1942-51
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	939-70
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 near Crossing Cove 11.4 miles west of Pigeon, LA	(s)	091300000	--	1993-95

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.

DISCONTINUED SURFACE-QUALITY-WATER STATIONS

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 mi² is noncontributing); D (5,936 mi² 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
Dugdemonia 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
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
Si-Bon Canal 9.3 miles northeast of Loreauville, LA	0738153843	(A)	S.C., Temp., D.O., pH	1993-95
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
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
Bayou Lafourche at Leeville, LA	07381310	(F)	Temp.	1977-78, 1981-84
		(F)	Cl	1975-77
		(F)	Temp.	1977
Bayou Terrebonne at Houma, LA	07381320	(F)	Cl	1975-80
Houma Navigation Canal at Houma, LA	07381325	(F)	S.C.	1978-81
		(F)	Temp.	1978, 1981
Houma Navigation Canal at Dulac, LA	07381328	(A)	S.C., Temp., D.O.	1974-75
Company Canal at Lockport, LA	07381350	(F)	S.C.	1979-85
		(F)	Temp.	1981-85
Lower Grand River at Bayou Sorrel, LA	07381450	(F)	S.C., Temp.	1980-82
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
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
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
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
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

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi ²)	Type of record	Period of record (water years)
Vermilion Bay, at Cypremort Point, near Louisa, LA	294110091533000	(F)	CI	1975-76, 1978-79, 1981-82
Schooner Bayou near Forked Island, West	294528092154800	(F)	Temp.	1978-79, 1981-82
		(F)	CI	1975-82
		(F)	Temp.	1977-82
Schooner Bayou near Forked Island, East	294528092154801	(F)	CI	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock East, near Intracoastal City, LA	294700092114000	(F)	CI	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock West, near Intracoastal City, LA	294705092115300	(F)	CI	1975-82
		(F)	Temp.	1977-82
Mermentau River, south of Control Structure, near Grand Chenier, LA	295146092510100	(F)	CI	1975-82
		(F)	Temp.	1977-82
Mermentau River, north of Control Structure, near Grand Chenier, LA,	295148092510100	(F)	CI	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway at Gibbstown, LA	295600093053000	(F)	CI	1975-82
		(F)	Temp.	1977-82
Chef Menteur Pass at Chef Menteur, LA	300404089482500	(F)	CI	1975-81
		(F)	Temp.	1977-81
Lake Pontchartrain, at New Orleans, LA, at Little Woods, LA,	300434089564000	(F)	CI	1975-78
		(F)	Temp.	1977-78
Intracoastal Waterway at Calcasieu Lock	300514093172800	(F)	CI	1975-82
		(F)	Temp.	1977-82
Rigolets near Lake Pontchartrain, near Slidell, LA	301002089441300	(F)	CI	1975-84
		(F)	Temp.	1977-84
Lake Pontchartrain, near North Shore, near Slidell, LA,	301108089503600	(F)	CI	1975-84
		(F)	Temp.	1977-84
Calcasieu River and Pass near Lake Charles, LA	301305093151200	(F)	CI	1975-81
		(F)	Temp.	1977-81
Calcasieu River, at mile 36.0, at Lake Charles, LA	301425093145000	(F)	Temp., CI	1982
Calcasieu River, east of barrier, at Lake Charles, LA,	301513093130500	(F)	CI	1975, 1977-82
		(F)	Temp.	1977-82
Calcasieu River, west of barrier, at Lake Charles, LA,	301513093130600	(F)	CI	1975, 1977-82
		(F)	Temp.	1977-82

WATER RESOURCES DATA - LOUISIANA, 1996

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 64 streamflow-gaging stations, stage only for 41 gaging stations, for 121 partial-record or miscellaneous streamflow stations, and for 35 crest-stage, partial-record streamflow stations; (2) stage records for 5 lakes; (3) water-quality records for 22 streamflow-gaging stations, for 16 ungaged stream sites, and for 100 wells; and (4) water-level records for 235 observation wells.

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 Distribution Branch, Text Products Section, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-96-1." 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. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on back of title page or by telephone (504) 389-0281. A limited number of CD-ROM discs will be available for sale by the U.S. Geological Survey, Earth Science Information Center, Box 25286, MS 517, Federal Center, Denver, Colorado 80225.

WATER RESOURCES DATA - LOUISIANA, 1996

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, Frank M. Denton, Secretary.

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

Louisiana Department of Natural Resources, Jack Caldwell, Secretary.

Louisiana Office of Emergency Preparedness, Major General A.M. Stroud, Jr., Director.

City of Baton Rouge and Parish of East Baton Rouge, Tom Ed McHugh, Mayor-President;
Department of Public Works, Fred Raiford, Director.

Capital Area Ground Water Conservation Commission, William E. Edrington, Jr, Chairman.

Sabine River Compact Administration, composed of Peggy E. Montano, Chairperson;
Raymond J. Palmer and William B. Lewis for Louisiana; Danny Choate and
David V. Cardner for Texas.

Amite River Basin Drainage and Water Conservation District, Jeffrey G. Talyor, President;
Dietmar Rietschier, Executive Director.

Assistance in the form of funds or services was provided by 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, 1996

SUMMARY OF HYDROLOGIC CONDITIONS

Surface-Water Conditions

For the water year, the annual statewide rainfall total was 54.40 in., which was below the statewide 30-year average by 2.84 in. ; almost all areas of Louisiana recorded lower-than-average rainfall totals compared to their mean annual rainfall totals. All of the four index stations (Saline Bayou near Lucky, Amite River near Denham Springs, Calcasieu River near Oberlin, and Pearl River near Bogalusa) had annual mean discharges that were less than the mean annual discharge for their respective periods of record (fig. 1). Bayou Toro near Toro had the lowest annual mean discharge for the period of record of 23.2 ft³/s (cubic feet per second). Many stations across the State were near the lowest stages ever recorded.

In October, the statewide average rainfall total was 3.30 in., which was 0.40 in. below the 30-year average. Only the central region of the State had at or above normal rainfall. Three of the four index stations had monthly mean discharges below their long-term means for October. Only the Pearl River near Bogalusa, which had a monthly mean discharge of 3,085 ft³/s, was slightly above the long-term mean monthly discharge of 2,939 ft³/s (fig. 1).

For the months of November and December, the monthly average rainfall totals were only slightly above the 30-year averages of 4.88 in. and 6.38 in., respectively. The northern and western regions of the State still experienced dry conditions; both the Calcasieu River near Oberlin and Saline Bayou near Lucky index stations recorded below-average monthly mean discharges (fig. 1). In December, the southern region of the State experienced heavy rainfall that caused some flooding problems.

A three-month period of below-average rainfall conditions began in January with a cumulative monthly mean deficiency of 6.14 in., through the month of March. All regions of the State recorded monthly rainfall means below the 30-year average. The Pearl River near Bogalusa had a monthly mean discharge of 25,870 ft³/s for the month of February, which was above the long-term mean monthly of 19,400 ft³/s. The other three index stations were below average for all three months. Saline Bayou near Lucky had a monthly mean discharge for March of 42.4 ft³/s, which was below the previous minimum monthly mean discharge of 53.7 ft³/s in 1967 (fig. 1).

The northern and western regions of the State received some relief from dry conditions with April rainfall totals above the 30-year average. The southern and eastern regions were still below normal rainfall totals for the month. The statewide average rainfall total for April was 5.11 in., which was 0.79 in. above the 30-year average. The increased precipitation did not increase monthly streamflow averages, since all four index stations were below their long-term mean monthly discharges (fig. 1).

In May, the dry conditions returned; all regions of the State recorded below-normal rainfall totals. The statewide average rainfall for May was 2.80 in. below the 30-year average of 5.25 in. All four index stations were again below their long-term mean monthly discharges (fig. 1).

From June to September, monthly rainfall totals exceeded the 30-year monthly averages statewide. The northern region of the State experienced above average monthly rainfall totals that eased the dry conditions. Saline Bayou near Lucky had a monthly mean discharge of 75.8 ft³/s for August and 89.2 ft³/s for September, which doubled the long-term mean monthlys of 33.3 ft³/s and 41.8 ft³/s, respectively (fig. 1). The other regions of the State had above average monthly rainfall totals, however, the monthly mean discharges at the other three index stations were below their respective long-term mean monthly discharges (fig. 1).

WATER RESOURCES DATA - LOUISIANA, 1996

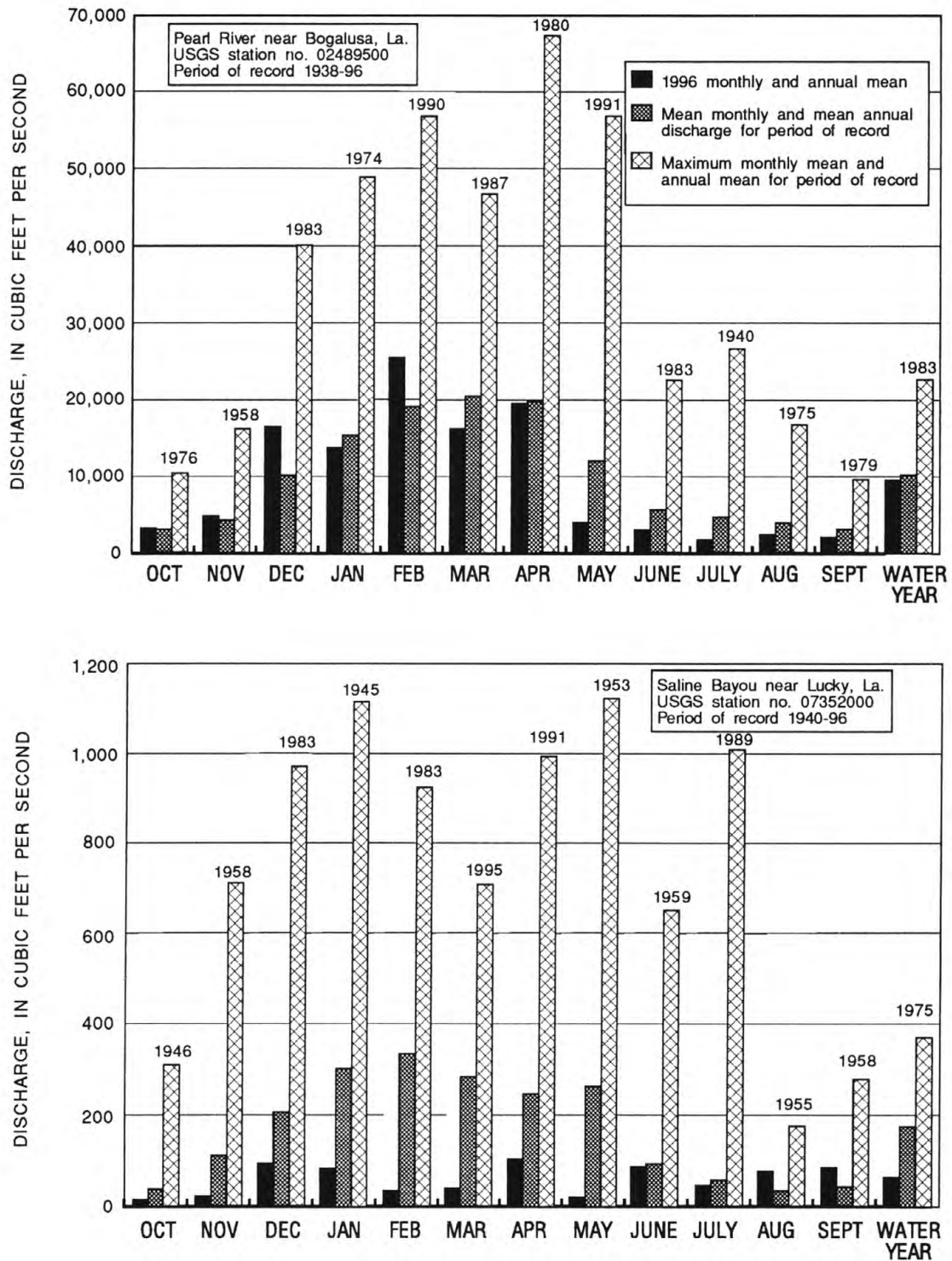


Figure 1. Comparison of discharge during the 1996 water year with mean and maximum discharge for the period of record at four representative gaging stations.

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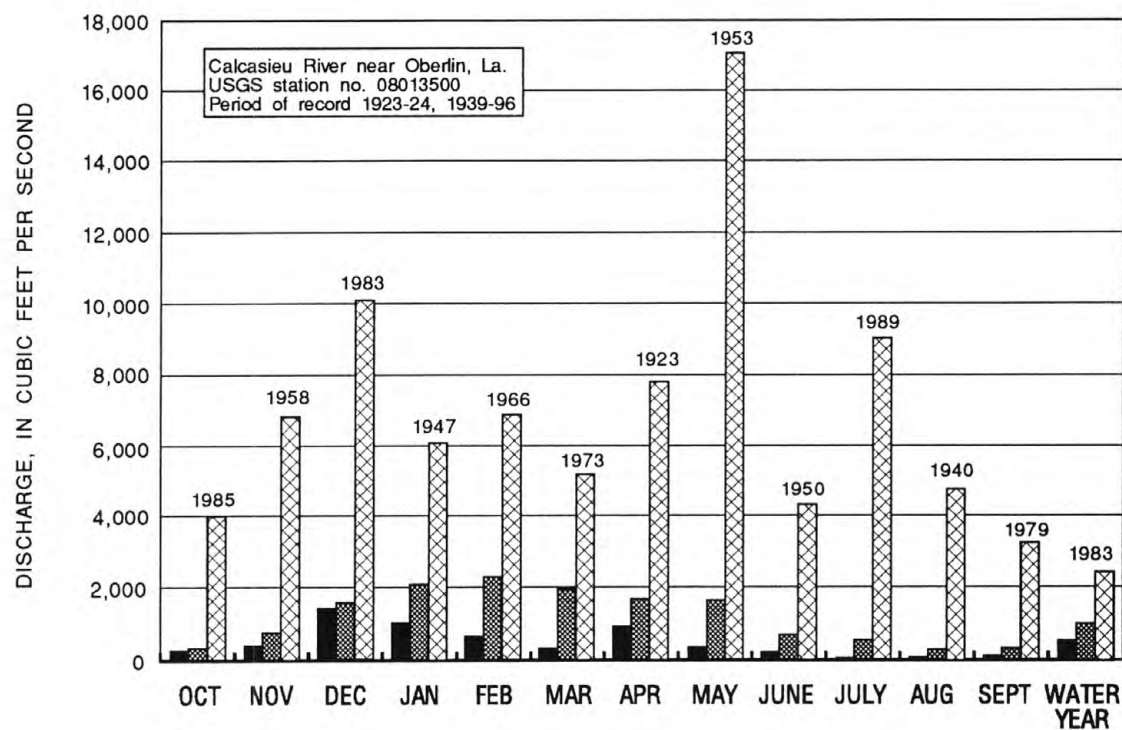
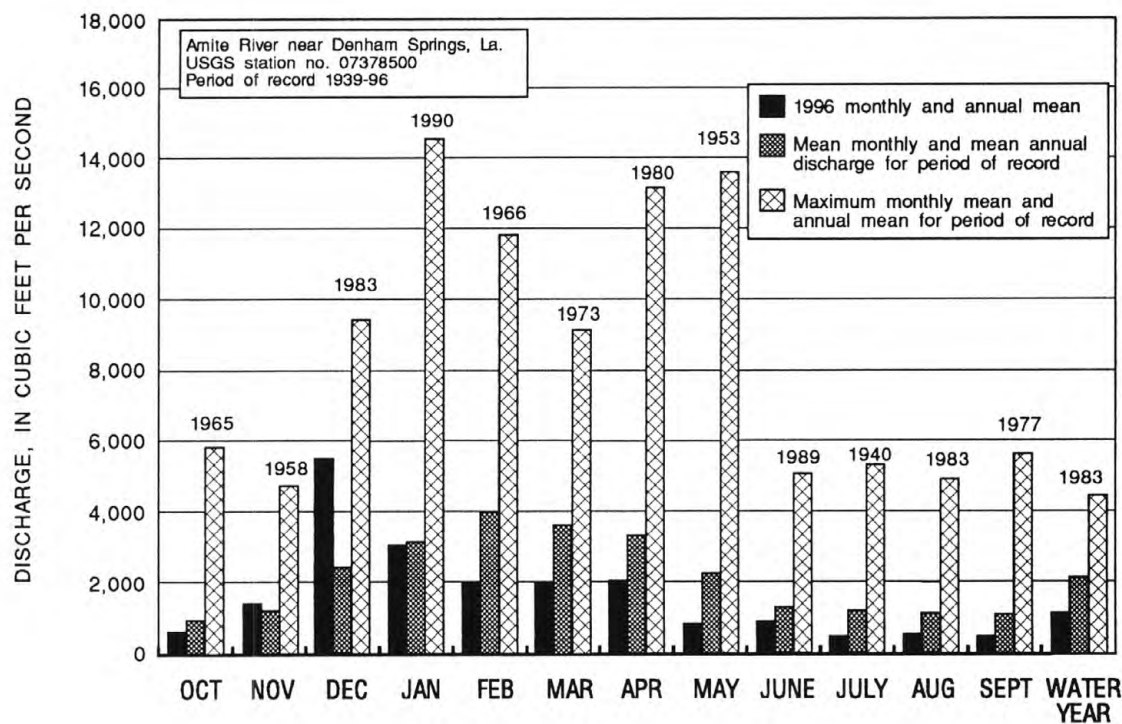


Figure 1. Comparison of discharge during the 1996 water year with mean and maximum discharge for the period of record at four representative gaging stations--Continued.

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Surface-Water Quality

This section briefly describes the quality of water in selected streams in Louisiana. Samples generally were collected quarterly, bimonthly, or monthly from streams within the State. Sediment analyses are available for many of the streams.

At most sites along the lower Mississippi River, the specific conductance values ranged from approximately 313 to 556 $\mu\text{S}/\text{cm}$ (microsiemens per centimeter at 25 °C) during the 1996 water year. However, flow of saltwater from the Gulf of Mexico into the lower Mississippi River affected the specific conductance at Venice; the specific conductance was 1,480 $\mu\text{S}/\text{cm}$ on October 19, 1995, and 1,570 $\mu\text{S}/\text{cm}$ on September 19, 1996. Water temperature values ranged from approximately 2.0 to 34.0 °C. Chloride concentrations ranged from a minimum of 12 mg/L (milligrams per liter) at St. Francisville on May 31, and June 11, 21, and 25, 1996, to a maximum of 340 mg/L at Venice on September 19, 1996.

Locks and dams along the Red River now affect the water quality of the river by creating pools at the locks and dams such as the one at Lock and Dam 1 near Vick. At sites along the Red River, the specific conductance ranged from approximately 238 to 1,590 $\mu\text{S}/\text{cm}$ during the 1996 water year. Water temperature ranged from approximately 9.0 to 31.0 °C. Chloride concentrations ranged from approximately 24 to 300 mg/L along the Red River. Total iron and manganese concentrations were characteristically high. Total iron concentrations ranged from a minimum of 200 $\mu\text{g}/\text{L}$ (micrograms per liter) for Red River at Alexandria on October 30, 1995, to a maximum of 8,600 $\mu\text{g}/\text{L}$ at Shreveport on April 29, 1996. Total manganese concentrations ranged from a minimum of 41 $\mu\text{g}/\text{L}$ at Alexandria on October 30, 1995, to a maximum of 470 $\mu\text{g}/\text{L}$ at Shreveport on April 29, 1996.

Water-quality stations on the Atchafalaya River include the Lower Atchafalaya River at Morgan City and the Atchafalaya River at Melville. Specific conductance ranged from 306 $\mu\text{S}/\text{cm}$ at Melville on May 30, 1996, to 669 $\mu\text{S}/\text{cm}$ at Melville on October 5, 1995. The minimum measured water temperature was 3.5 °C at Melville on February 8, 1996, and the maximum measured water temperature was 29.5 °C at Melville on July 29, 1996, and at Morgan City on July 30, 1996. At Morgan City, the minimum sediment load was 13,300 T/day (tons per day) on October 5, 1995, and the maximum sediment load was 303,000 T/day on June 20, 1996.

WATER RESOURCES DATA - LOUISIANA, 1996

Ground-Water Levels

Water levels in the Sparta aquifer continued to decline about 1.0 to 2.0 ft. The regional water-level decline is illustrated in the hydrograph for well W-172 (fig. 2a) in Winn Parish. Normal seasonal fluctuations were observed in water levels in the Cockfield aquifer and no substantial changes occurred. Water levels in the Carrizo-Wilcox aquifer indicated little net change.

In aquifers of Miocene age in central Louisiana, water levels in the Williamson Creek aquifer indicated no substantial changes. Water levels in the Catahoula aquifer continued to decline less than 1.0 ft this year. Water levels in the Carnahan Bayou aquifer indicated no net change during the water year, as indicated in the hydrograph of well V-426 (fig. 2a).

No substantial changes were observed in the upland terrace aquifer of northern Louisiana. Water levels in the Mississippi River alluvial aquifer of northeastern Louisiana indicated normal seasonal fluctuations of 1 to 8 ft, with no substantial long-term changes.

Water levels in the updip and outcrop areas of the Chicot aquifer system of southwestern Louisiana indicated little or no change, with the exception of seasonal fluctuations in most areas. Seasonal variations in water levels in wells monitored in the Chicot aquifer system ranged from 2 to 15 ft. Water levels in wells monitored in the Evangeline aquifer of southwestern Louisiana had seasonal variations due to pumping of up to 10 ft, but indicated little net change.

In southeastern Louisiana, water levels in the wells monitored indicated normal seasonal fluctuations but little net change, with the following exceptions; well EF-185 (fig. 2a) completed in the "2,000-foot" sand in East Feliciana Parish, which has recovered at a rate of about 3.0 ft per year for the past 5 years; and wells EB-1000 (fig. 2b) completed in the "2,800-foot" sand in East Baton Rouge Parish, and Ta-260 (fig. 2b) completed in the Amite aquifer in Tangipahoa Parish which all indicate declines of about 1 foot per year over the past 5 to 10 years.

Ground-Water Quality

Chloride concentrations in water from 100 wells completed in the major aquifers ranged from 2.1 mg/L in well WBR-100B completed in the "2,400-foot" sand in West Baton Rouge Parish, to 8,500 mg/L in well EB-805 completed in the "1,000-foot" sand in East Baton Rouge Parish. Chloride concentrations in water from wells completed in the Mississippi River alluvial aquifer indicated normal ranges in Concordia and Richland Parishes, where increases of 6 to 30 mg/L occurred. The chloride concentrations in water from the Sparta aquifer indicated no substantial trends.

Chloride concentrations in water from wells completed in the upper sand unit of the Chicot aquifer system, along the freshwater-saltwater interface in southwestern Louisiana indicated little change during the water year. In the Lake Charles area, chloride concentrations remained fairly constant in the "200-foot" and "500-foot" sands, and continued to rise slightly in the "700-foot" sand.

In the Baton Rouge area, chloride concentrations have remained constant or continued previous trends in most wells sampled, with the following exceptions. In the "1,500-foot" sand, chlorides have increased in wells EB-789B and EB-807A (fig. 2c) for the last 8 to 10 years at the rate of about 120 mg/L per year and 180 mg/L per year respectively. Since last year, chloride concentrations in well EB-918 have increased from 6.8 mg/L to 36 mg/L, while in well EB-917 (fig. 2c), chloride concentrations have decreased from 50 mg/L to 16 mg/L. In the "2,400-foot" sand, chloride concentrations in well EB-804B increased from 13 mg/L to 31 mg/L since last year.

Chloride concentrations in aquifers in southeastern Louisiana near New Orleans indicated little change or continued previous trends for most wells sampled, with the exception of well SC-159 in the Norco aquifer which had a chloride concentration of 370 mg/L, which represents an increase of 120 to 170 mg/L more than previously observed values.

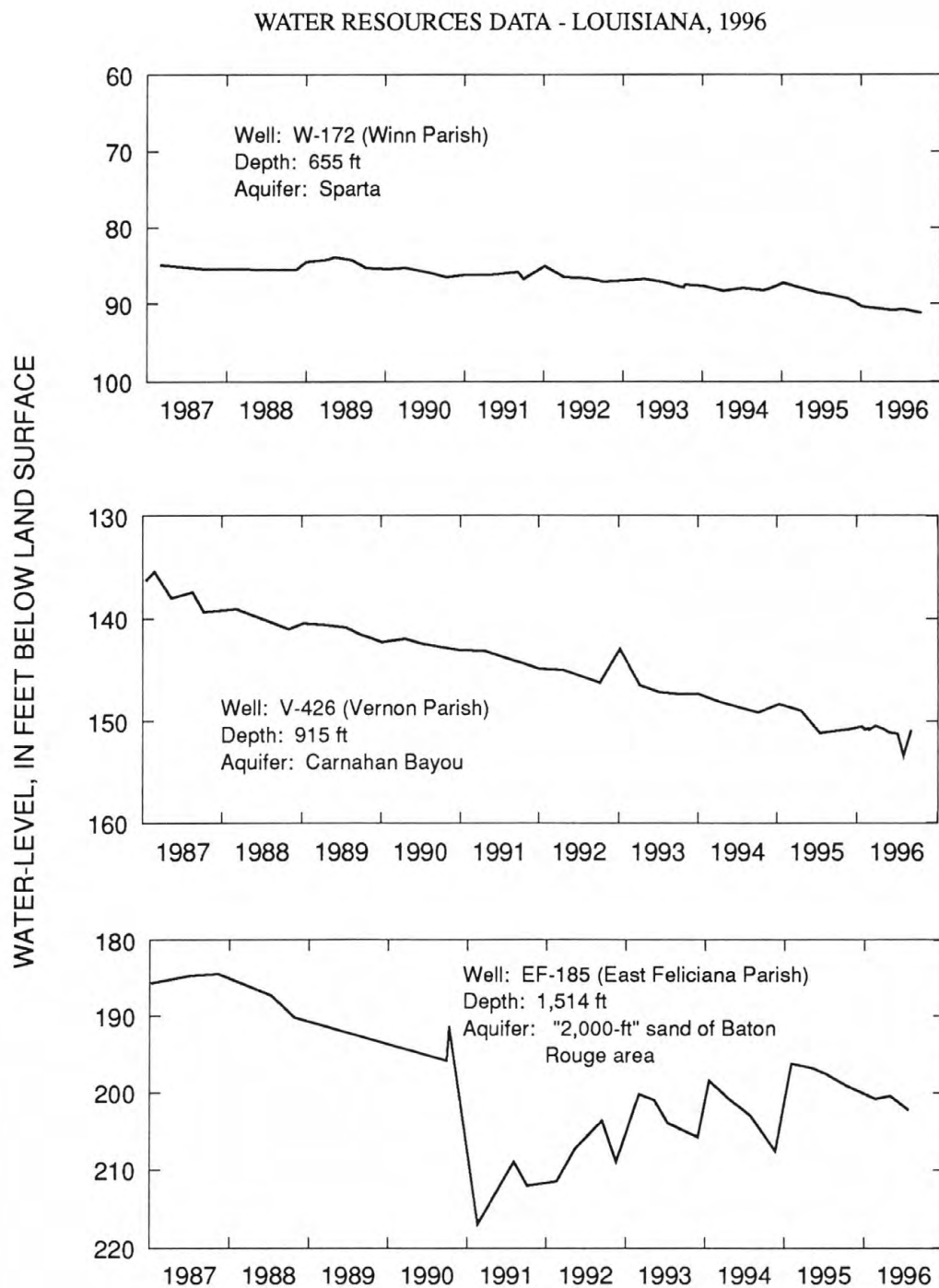
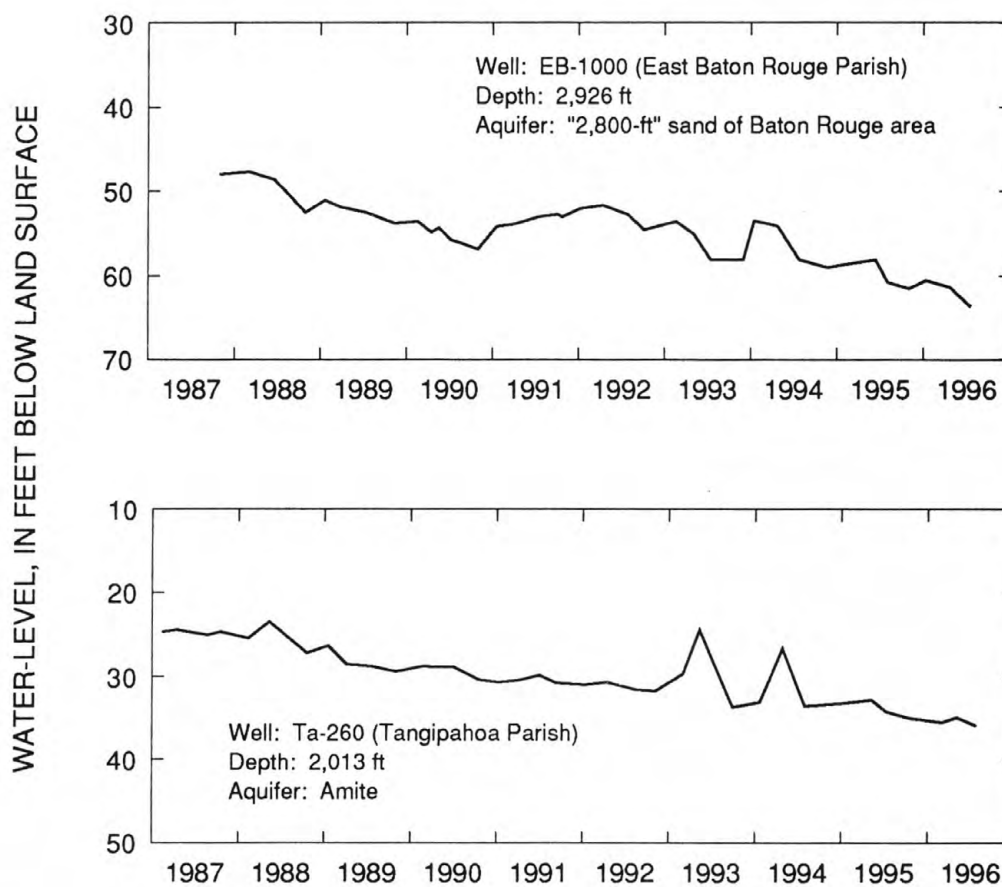


Figure 2a. Water levels for wells W-172, V-426, and EF-185.

WATER RESOURCES DATA - LOUISIANA, 1996.

**Figure 2b.** Water levels for wells EB-1000 and Ta-260.

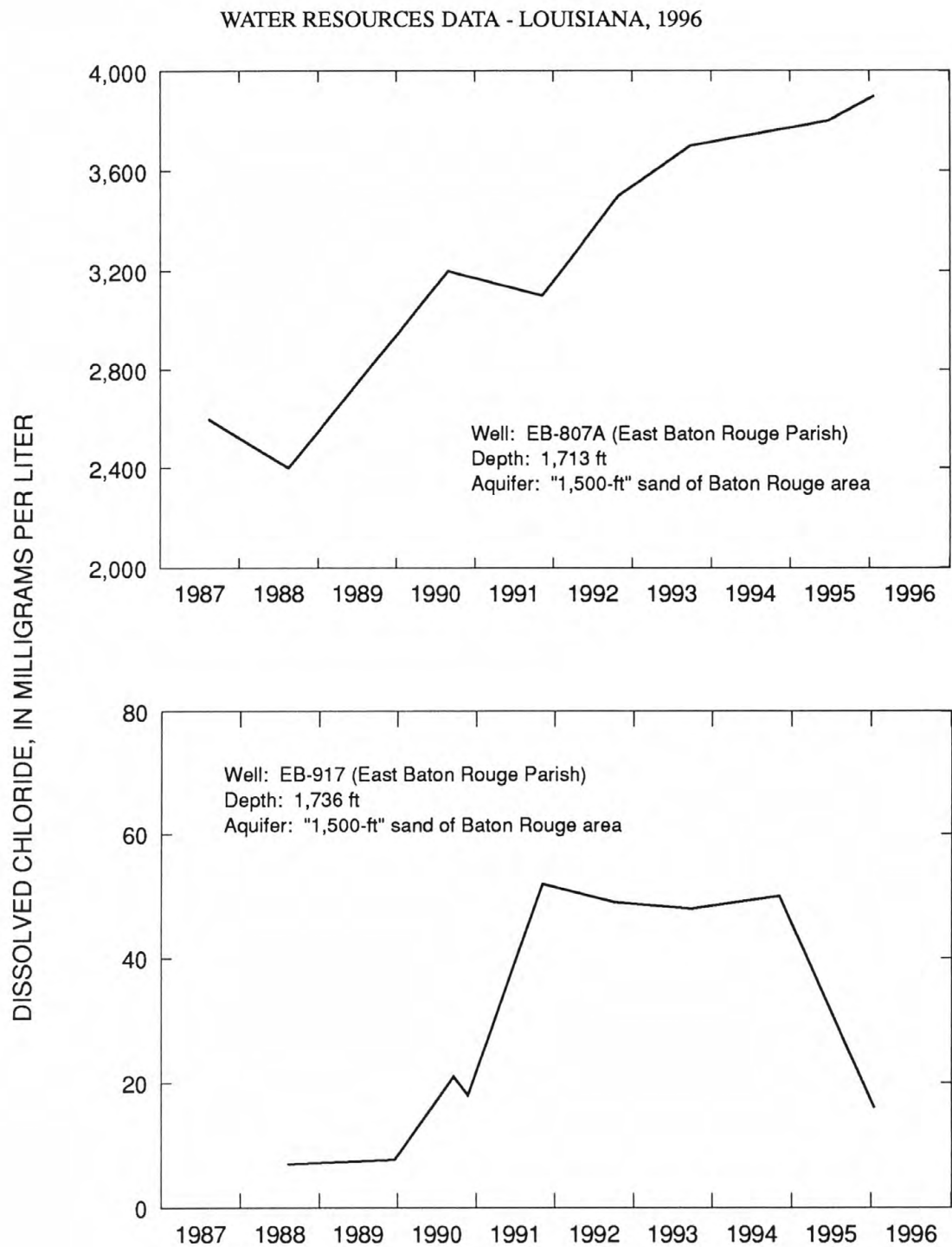


Figure 2c. Chloride concentrations for wells EB-807A and EB-917.

WATER RESOURCES DATA - LOUISIANA, 1996

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is a network of 53 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

National stream-quality accounting network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies or other groups involved in national or regional water-quality planning and management. The 142 sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

NASQAN was redesigned in 1995 and will be known as NASQAN II beginning in 1996. NASQAN II will focus on four of the largest river basins in the Nation-- the Mississippi, the Columbia, the Colorado, and the Rio Grande. The objective of NASQAN II is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals.

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

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

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

Radiochemical Programs is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium Network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

EXPLANATION OF THE RECORDS

The surface-water and ground-water records published in this report are for the 1996 water year that began October 1, 1995, and ended September 30, 1996. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage data for lakes, 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 4-16. 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.

WATER RESOURCES DATA - LOUISIANA, 1996

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 indentation in the "List of Stations" in the front of this report. Each indentation represents one rank. This downstream order and system of indentation 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."

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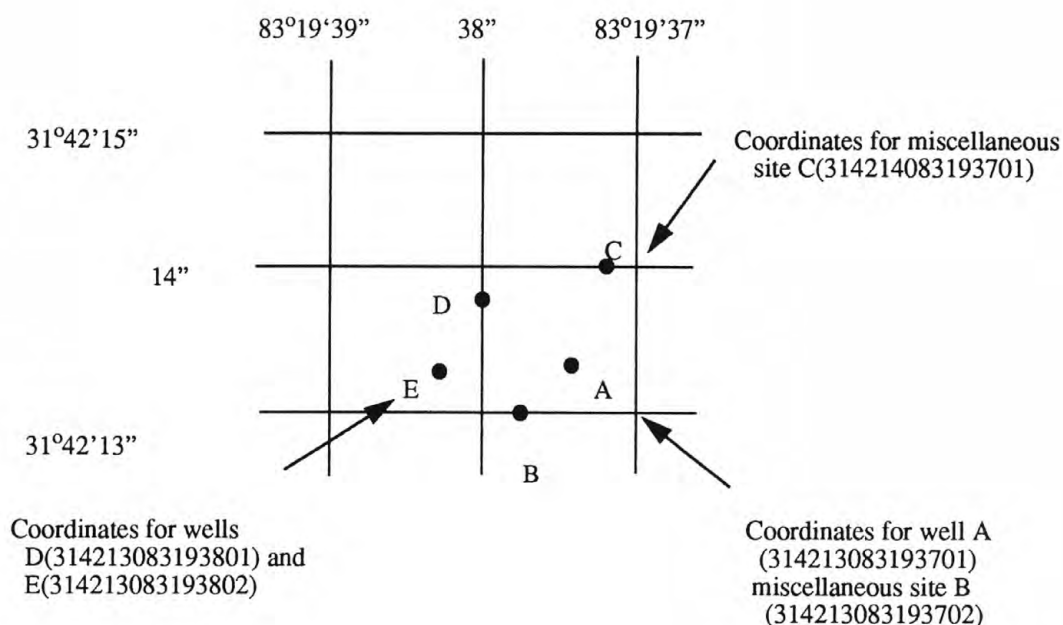


Figure 3. System for numbering wells and miscellaneous sites (latitude and longitude).

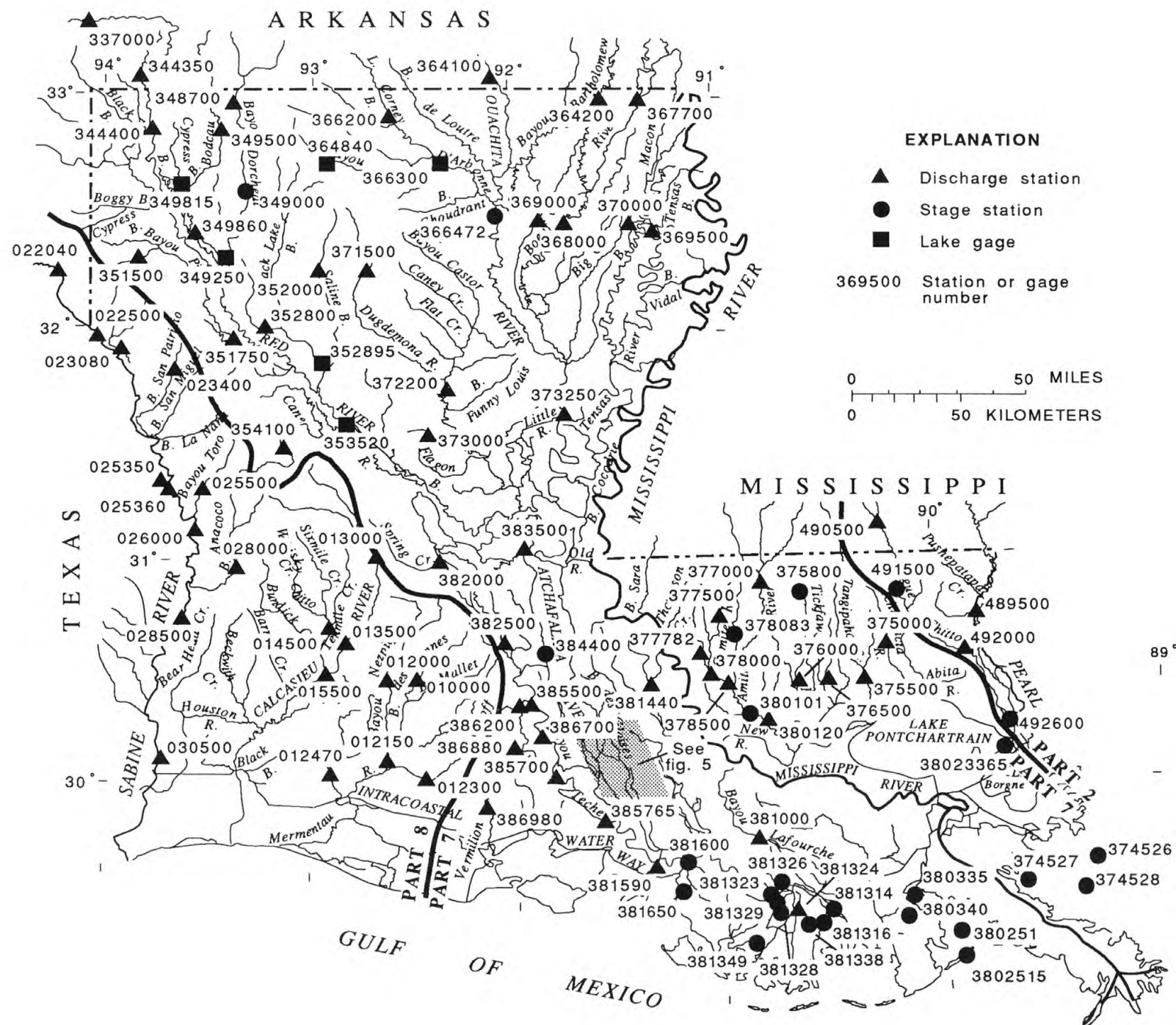
By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow 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 4-8.

Data Collection and Computation

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

Continuous records of stage are obtained with analog recorders that trace continuous graphs of stage or with digital recorders that punch stage values on paper tapes at selected time intervals. Measurements of discharge are made with current meters using methods 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 techniques.



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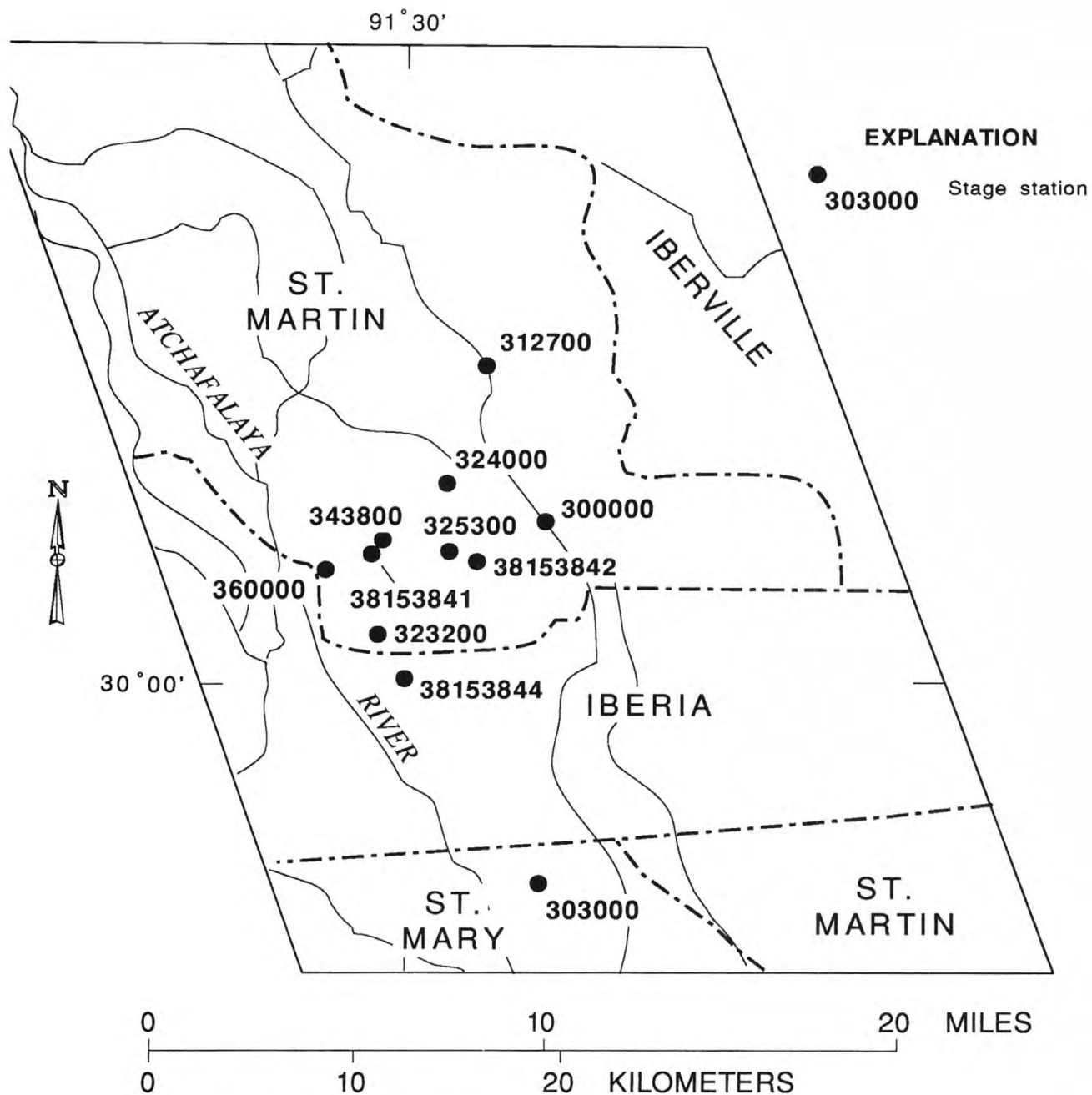


Figure 5. Location of stage stations in the Atchafalaya River basin (shaded area of fig. 4).

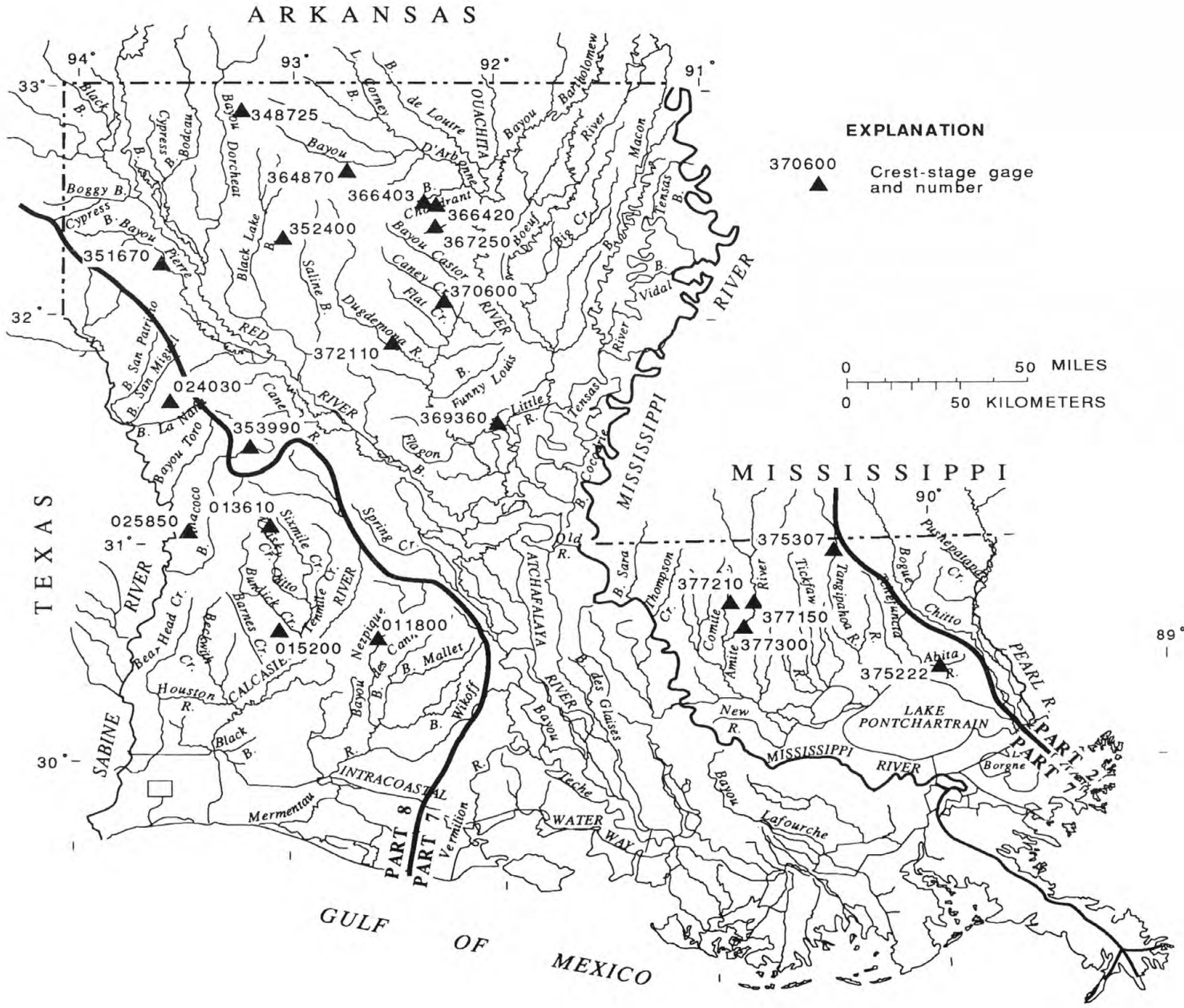


Figure 6. Location of crest-stage stations.

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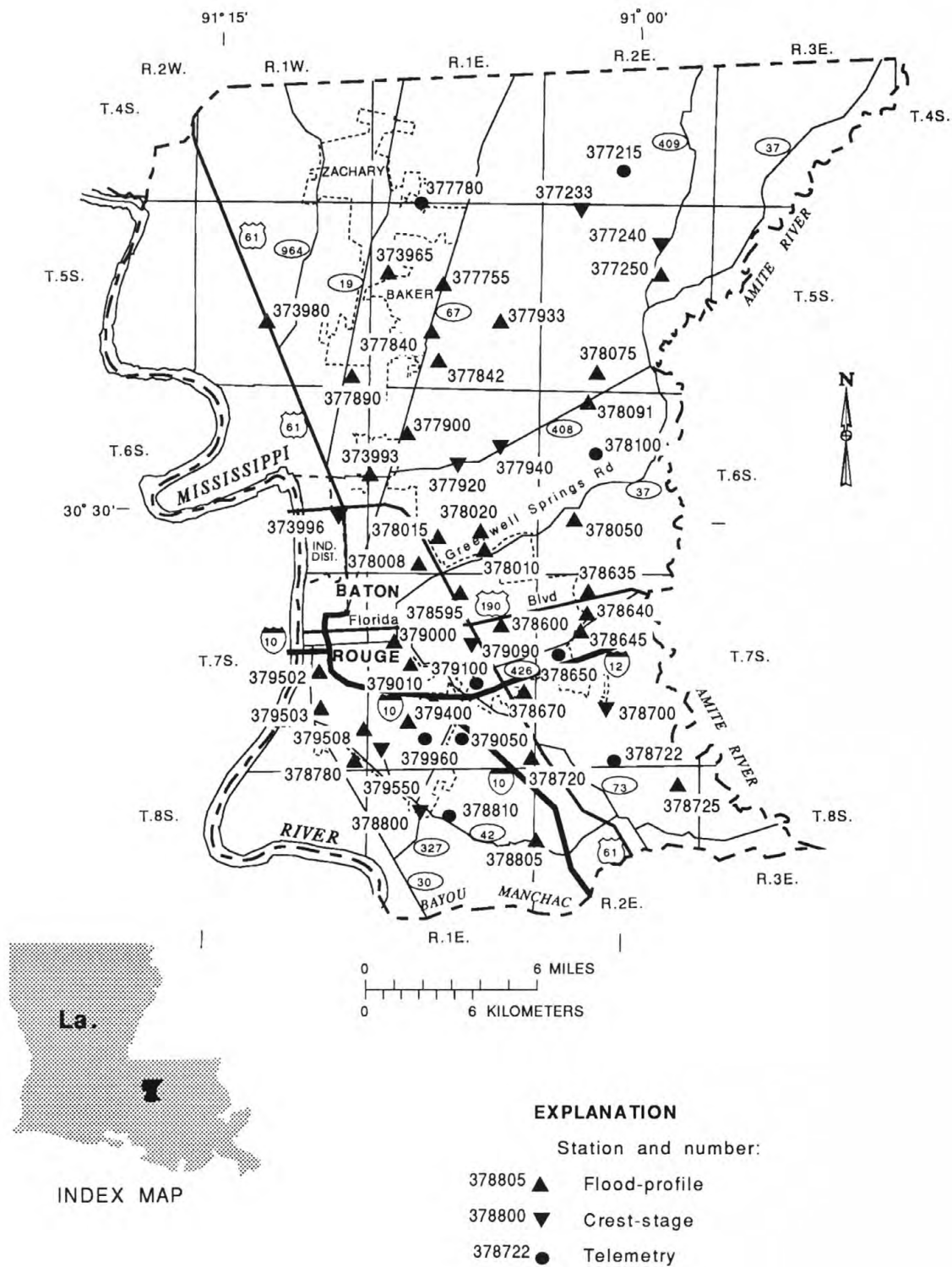


Figure 8. Location of flood-profile and crest-stage stations in East Baton Rouge Parish.

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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.

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

GAGE.--The type of gage in current use, the datum of the current gage, 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.

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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 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.

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.

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

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

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

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

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

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

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

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

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

Acre-foot (AC-FT, 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 feet per second (FT³/S, ft³/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.

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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

Records of discharge, not published by the Geological Survey, are collected in Louisiana at several sites by the U.S. Army Corps of Engineers. The National Water Data Exchange (NAWDEX), U.S. Geological Survey, Reston, VA 22092, maintains an index of these sites as well as an index of records of discharge collected by other agencies but not published by the Geological Survey. Information on records at specific sites can be obtained from that office upon request.

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.

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A careful distinction needs to be made between "continuing records" as used in this report and "continuous recordings," which refers to a continuous graph or a series of discrete values punched at short intervals on a paper tape. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figure 9.

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. For stations where water temperatures are taken manually once daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharge.

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

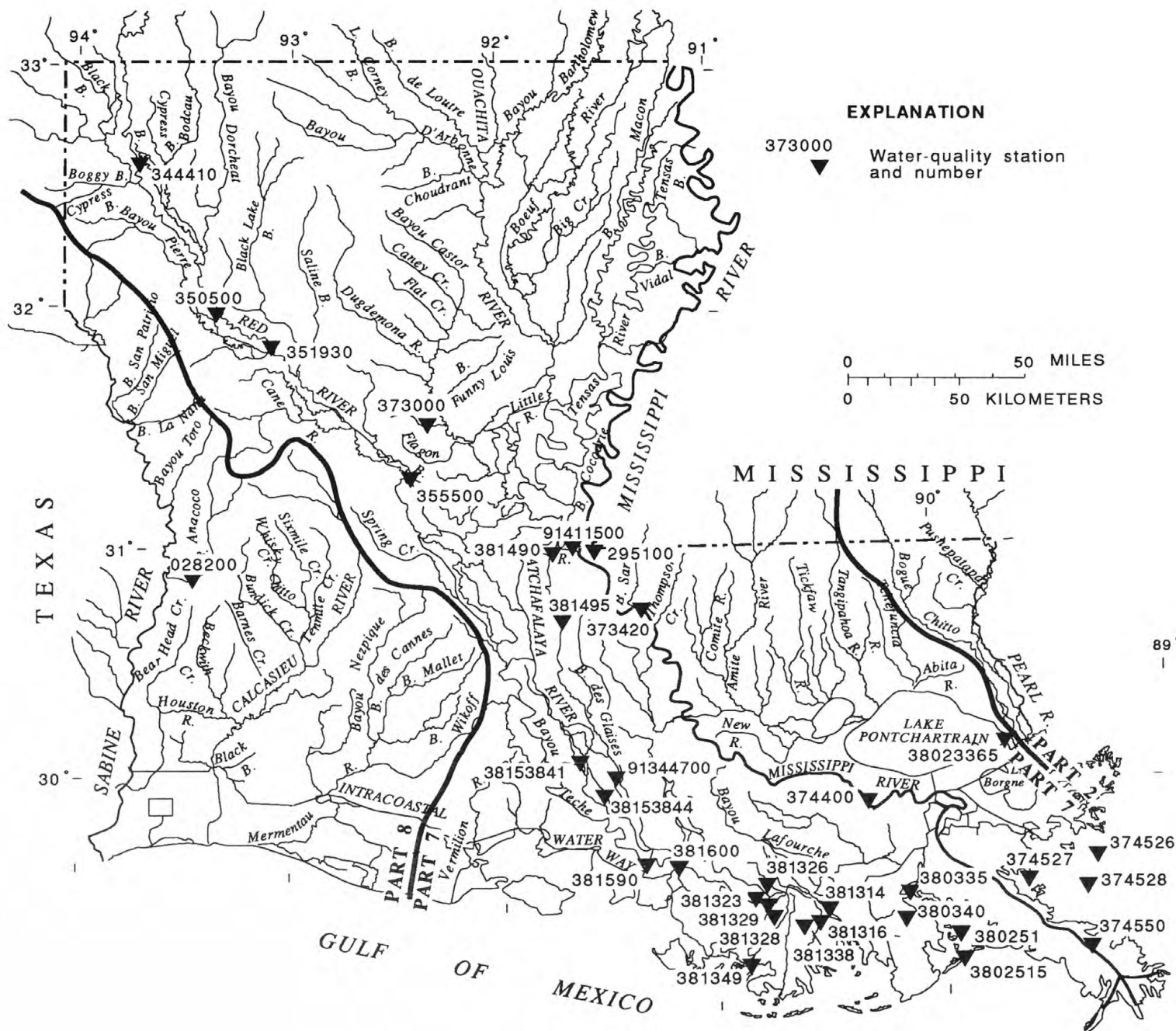


Figure 9. Location of water-quality stations.

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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, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided day method. For periods when no samples were collected, daily 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.

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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.

Remarks Codes

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

PRINTED OUTPUTREMARK

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
K	Results based on colony count outside the acceptance range (non-ideal colony count)

Dissolved Trace-Element Concentrations

NOTE.--"Traditionally, dissolved trace-element concentrations have been reported at the micrograms per liter ($\mu\text{g/L}$) level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter (ng/L). Present data above the $\mu\text{g/L}$ 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 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.

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

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

Data Presentation

Each well record consists of two parts, the station description and the data table of water levels observed during the water year. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented by the well description. Locations of stations for which records on ground water appear in this report are shown in figures 10-16.

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.

Records of Ground-Water Quality

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

Data Collection and Computation

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. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water.

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Figure 10. Location of observation wells.

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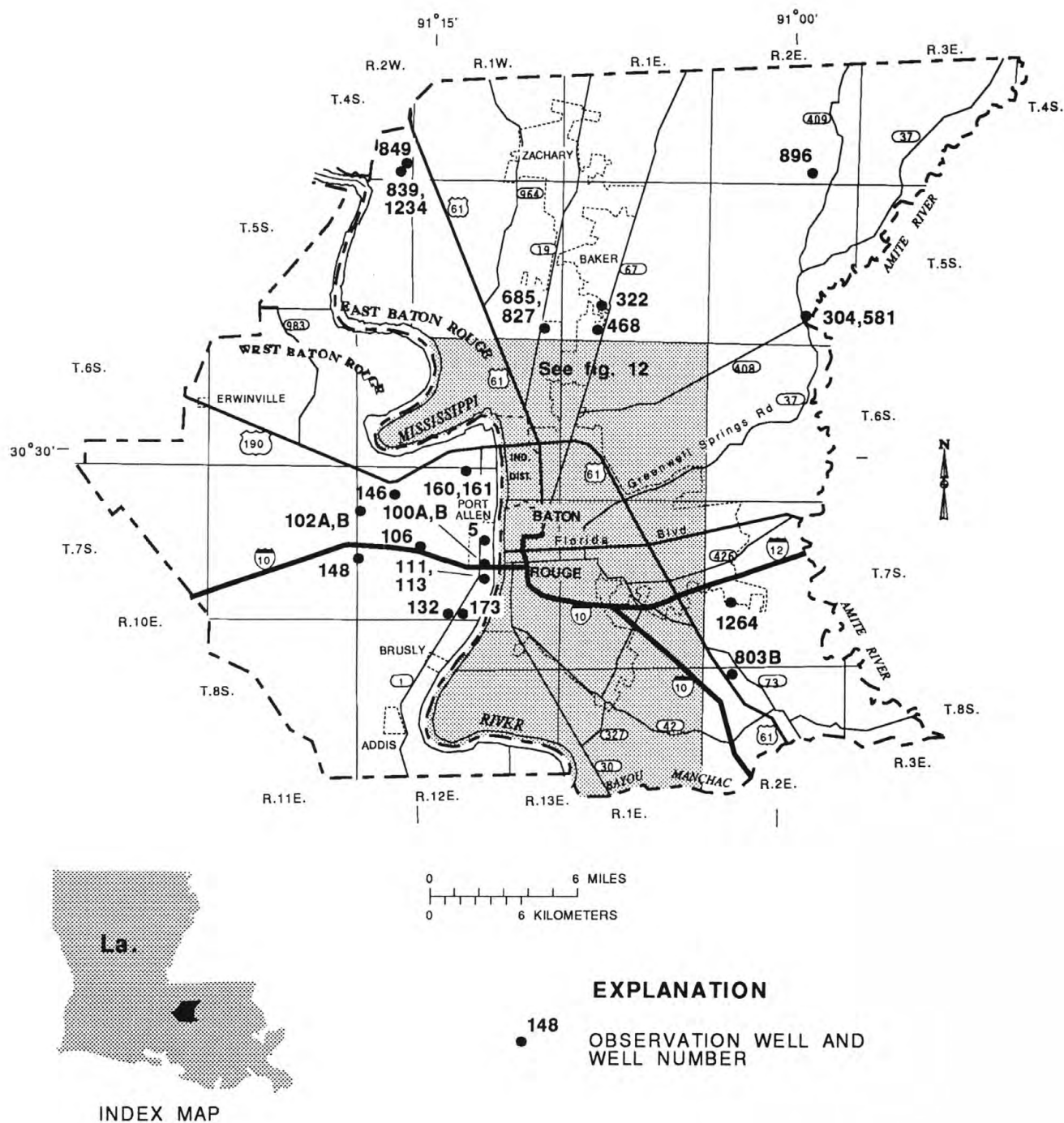


Figure 11. Location of observation wells in East and West Baton Rouge Parishes.

WATER RESOURCES DATA - LOUISIANA, 1996

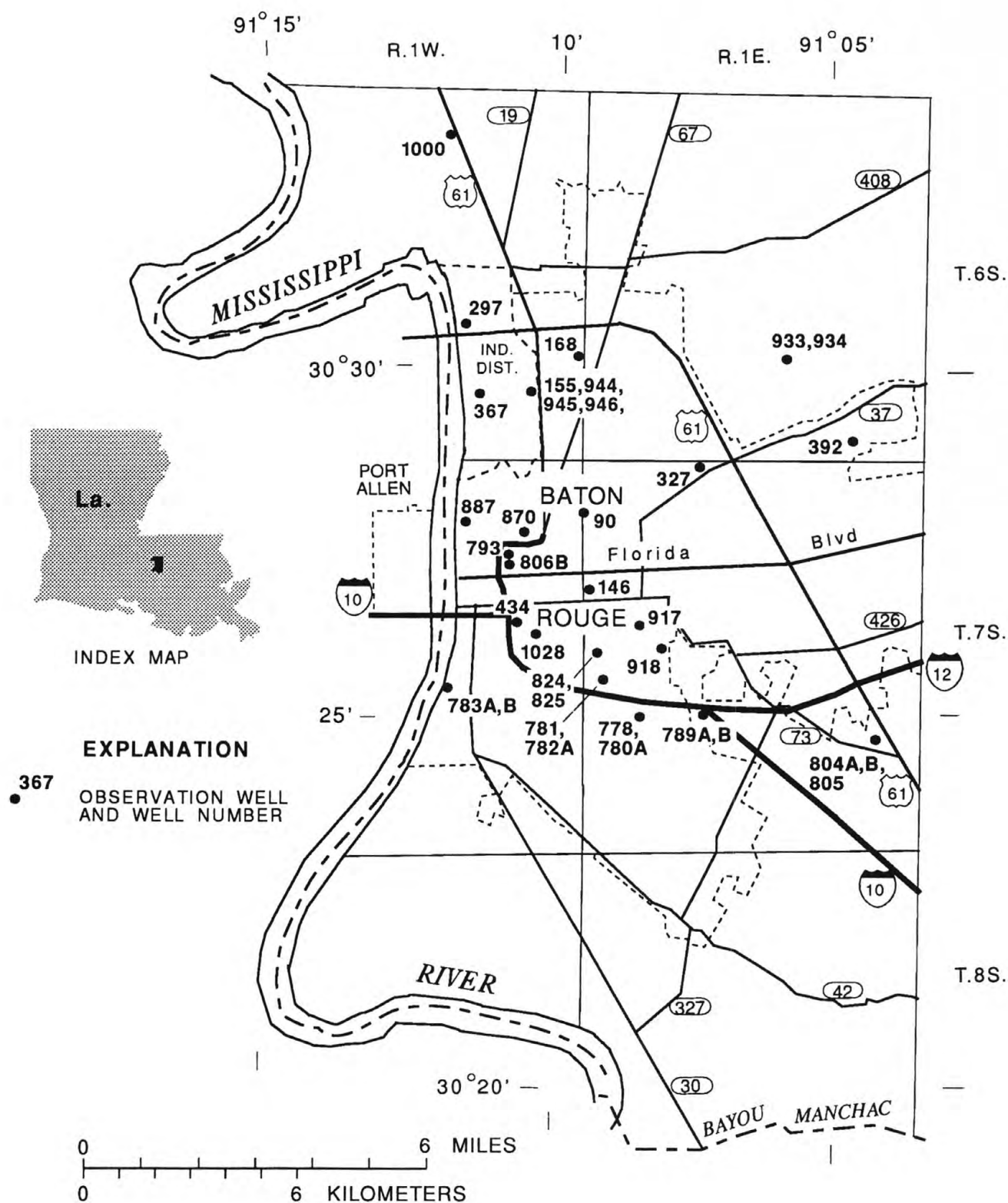


Figure 12. Location of observation wells in shaded area of figure 11.

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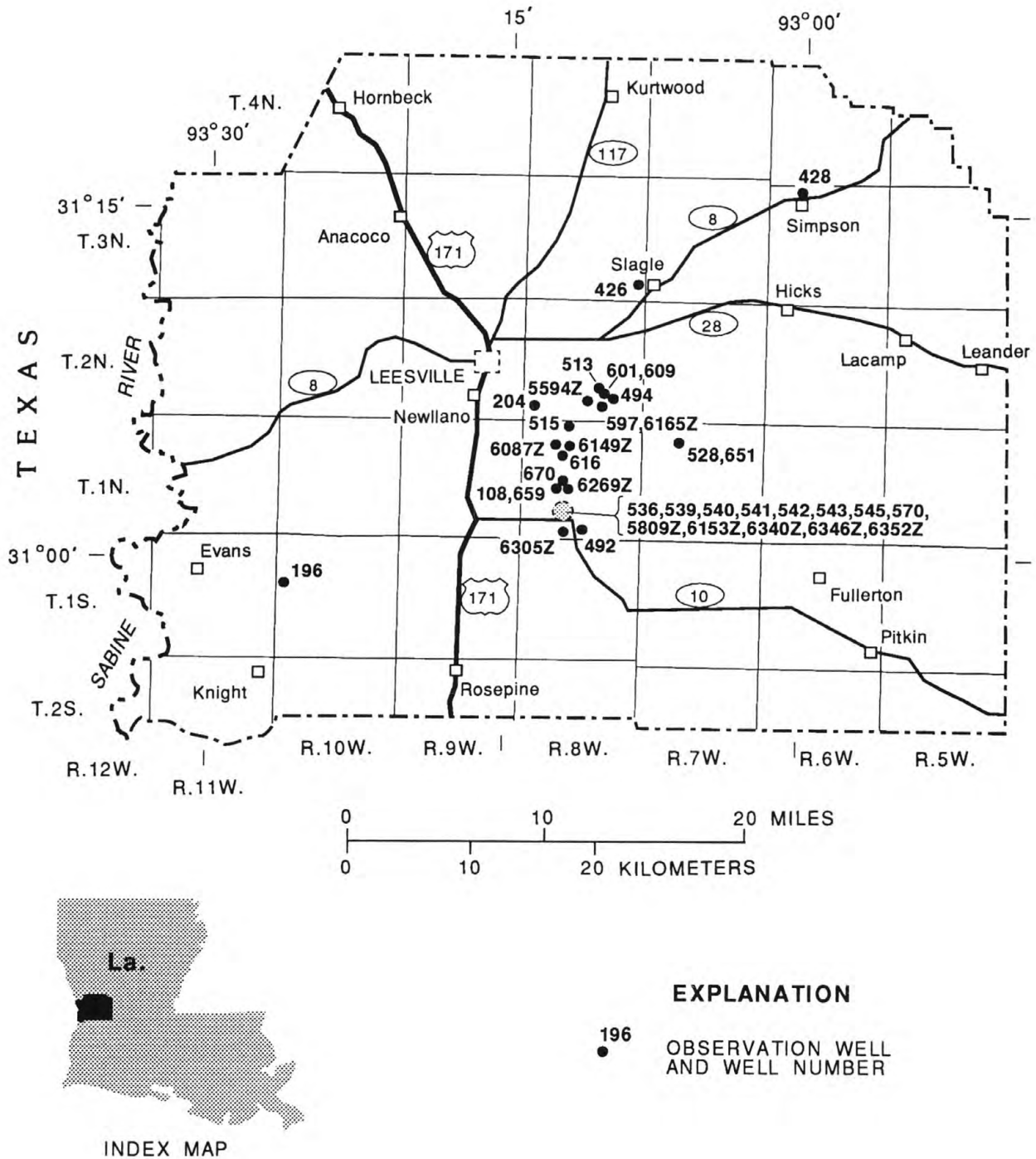


Figure 13. Location of observation wells in Vernon Parish (see fig. 10).

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Figure 14. Location of wells for which water-quality data are included.

WATER RESOURCES DATA - LOUISIANA, 1996

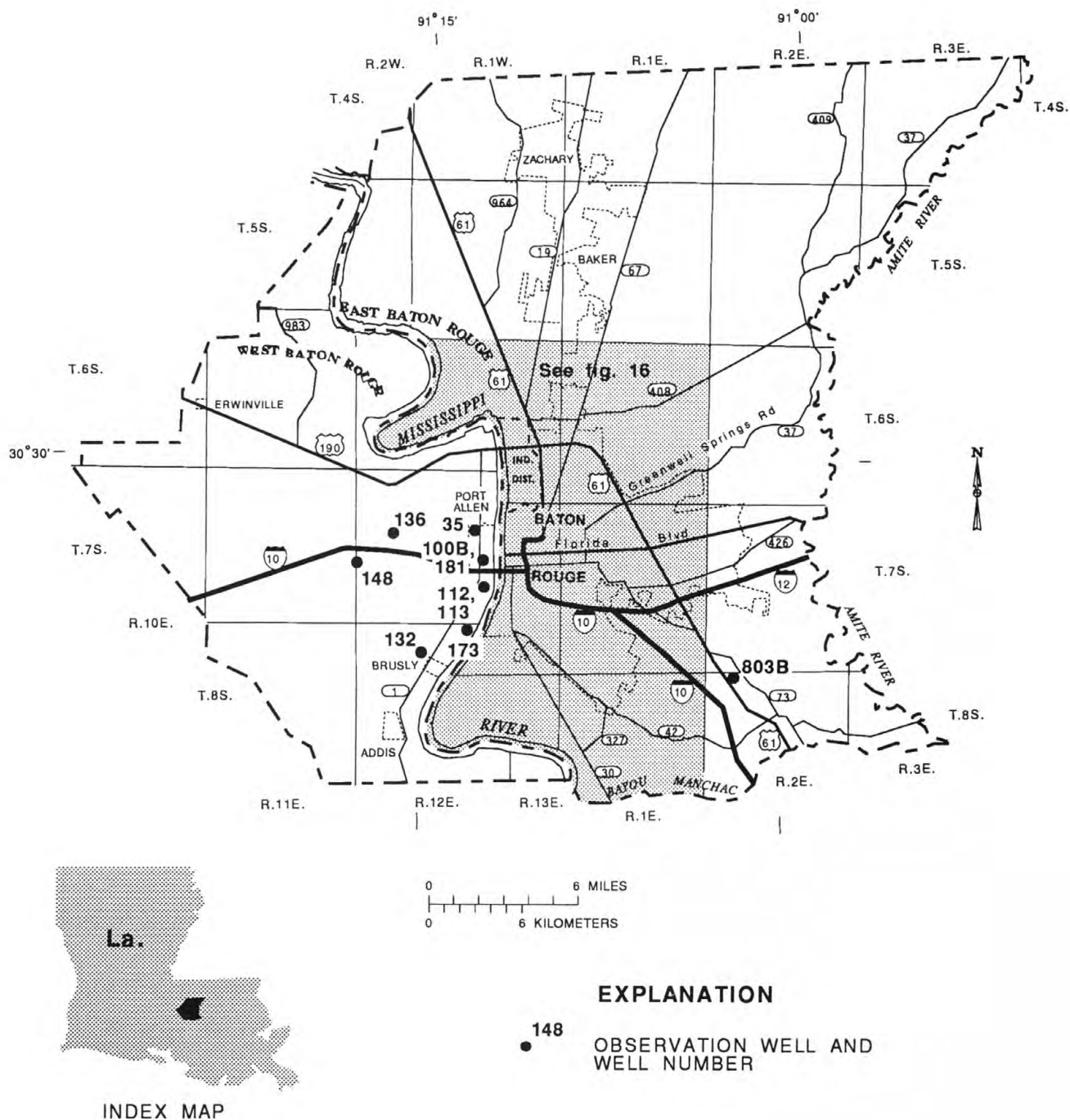


Figure 15. Location of wells for which water-quality data are included in East and West Baton Rouge Parishes.

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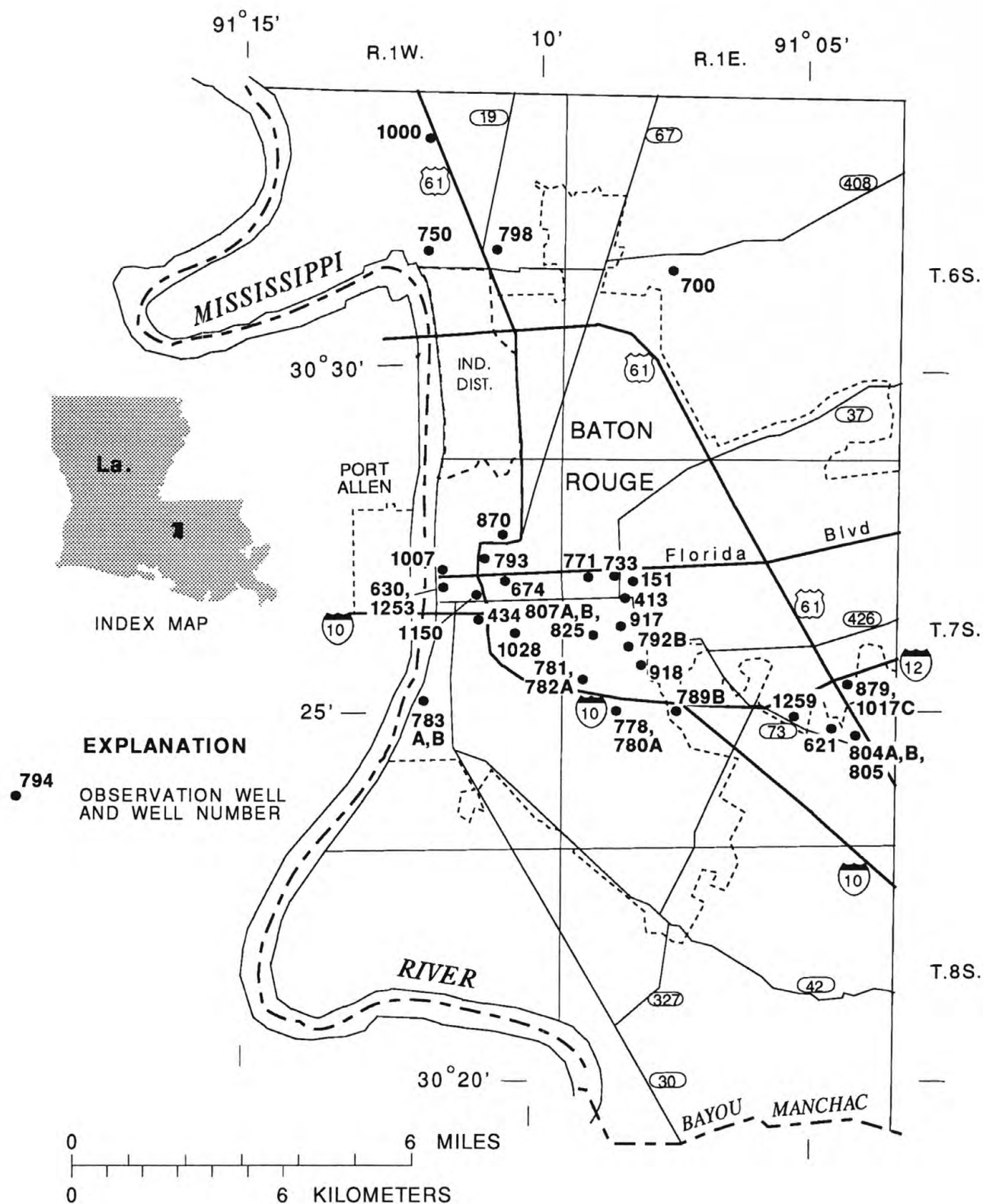


Figure 16. Location of wells for which water-quality data are included in shaded area of figure 15.

ACCESS TO WATSTORE DATA

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

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

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

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

In addition to providing direct access to *WATSTORE*, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on Compact Disc - Read Only Memory (CD-ROM) discs. Beginning with the 1990 water year, all water-data reports will also be available on CD-ROM discs. All data reports published for the current water-year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District offices. (See address on the back of the title page.) A limited number of CD-ROM discs will be available for sale by the U.S. Geological Survey, Earth Science Information Center, Box 25286, MS 517, Federal Center, Denver, Colorado 80225.

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DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting inch-pound units to International System of metric units (SI) on the inside of the back cover.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often grouped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials. NOTE: The letter "K" preceding a value indicates the results are based on colony count outside the ideal range.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria 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 within 24 hours when incubated at 35 °C $\pm$ 0.5 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines 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 the organisms that produce blue colonies within 24 hours when incubated at 44.5 °C $\pm$ 0.2 °C on MFC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies with 48 hours at 35 °C $\pm$ 1.0 °C on M-enterococcus medium (STORET CODE 31679), or on KF agar (STORET CODE 31673). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

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

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

Ash mass is the mass or amount of residue present after the residue from the dry-mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in g/m³ (grams per cubic meter), and periphyton and benthic organisms in g/m² (grams per square meter).

Dry mass refers to the mass of residue present after drying in an oven at 60 °C for zooplankton and 60 °C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as for ash mass.

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

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

Bottom material: see Bed Material.

Recoverable from bottom material refers to 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 only 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.

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

Cells/volume refers to the number of cells on 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, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

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

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

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

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

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

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

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

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

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

Highest annual mean is the maximum annual mean discharge occurring for the designated period.

Lowest annual mean is the minimum annual mean discharge occurring for the designated period.

Highest daily mean is the maximum daily mean discharge for the year or for the designated period.

Lowest daily mean is the minimum daily mean discharge for the year or for the designated period.

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

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

Instantaneous peak flow is the maximum instantaneous discharge occurring for the water year or for the designated period.

Instantaneous peak stage is the maximum instantaneous stage occurring for the water year or for the designated period.

Instantaneous low flow is the minimum instantaneous discharge occurring for the water year or for the designated period.

Instantaneous low stage is the minimum instantaneous stage occurring for the water year or for the designated period.

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Dissolved refers to that material in a representative water sample which passes through a 0.45-micrometer membrane filter. The Louisiana District has been using 0.45-micrometer Gelman Capsule filters to filter surface water samples for "dissolved" inorganic constituents. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Diversity 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. Diversity-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, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or non-contribution area, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water.

Elutriate is the supernatant resulting from the vigorous 30-minute shaking of 1 part bottom sediment with 4 parts water from the proposed disposal site followed by 1 hour of letting the mixture settle and appropriate filtration or centrifugation.

Gage, 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.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate (CaCO_3).

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

Land-surface datum (LSD) is a datum plane that is approximately at land surface at each well.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram (UG/G, $\mu\text{g/g}$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per kilogram (UG/KG, $\mu\text{g/kg}$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (kilogram) of sediment.

Micrograms per liter (UG/L, $\mu\text{g/L}$) is a unit expressing the concentration of chemical constituents in solution. Micrograms per liter represent the mass of solute per unit volume (liter) of water.

Microsiemens per centimeter (US/CM, $\mu\text{S/cm}$) is a unit expressing measurement of specific electrical conductance.

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

National Geodetic Vertical Datum of 1929 (NGVD) in this series of reports, "sea level" refers to the National Geodetic Vertical Datum 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.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

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

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

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

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

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

The classification is as follows:

<u>Classification</u>	<u>Size (mm)</u>		<u>Method of analysis</u>
Clay	0.00024	- 0.004	Sedimentation.
Silt	.004	- .062	Sedimentation.
Sand.....	.062	- 2.0	Sedimentation or sieve.
Gravel.....	2.0	- 64.0	Sieve.

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

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

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

Insecticides are substances or a mixture of substances intended to prevent, destroy, or repel insects. The technical names for insecticides determined in this report are:

Aldrin 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-exo-1,4-endo-5,8-dimethanonaphthalene.

Chlordane 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene.

DDD (combination of ortho and para isomers)

o,p'-DDD 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,

p,p'-DDD 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane.

DDE (combination of ortho and para isomers)

o,p'-DDE 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethylene,

p,p'-DDE 1,1-dichloro-2-bis(p-chlorophenyl)ethylene.

DDT (combination of ortho and para isomers)

o,p'-DDT 1,1,1-trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,

p,p'-DDT 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane.

Diazinon 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.

Dieldrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,exo-1,4:5,8-dimethanonaphthalene.

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Endosulfan 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite.

Endrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,endo-1,4:5,8-dimethanonaphthalene.

Ethion 0,0,0',0'-tetraethyl S,S'methylenediphosphorodithioate.

Heptachlor 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H indene.

Heptachlor epoxide 1,4,5,6,7,8,8-heptachloro-2,3-epoxy-3a,4,7,7a-tetrahydro-4,7-methanoindan.

Lindane 1,2,3,4,5,6-hexachlorocyclohexane, 99 percent or more of gamma-isomer.

Malathion S-(1,2-dicarbethoxyethyl) 0,0-dimethyldithiophosphate.

Methyl parathion 0,0-dimethyl 0-4-nitrophenyl phosphorothioate.

Methyl trithion phosphorodithioic acid S-[[[4-chlorophenyl] thio]-methyl] 0,0-dimethyl ester.

Methoxychlor 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane.

Mirex 1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene.

Parathion 0,0-diethyl 0-p-nitrophenyl phosphorothioate.

Perthane 1,1'-(2,2-dichloroethylidene)bis[4-ethylbenzene].

Toxaphene chlorinated camphene containing 67-69 percent chlorine by weight.

Trithion S-[[[p-chlorophenyl]thio]methyl] 0,0-diethyl phosphorodithioate.

Herbicides are substances or a mixture of substances intended to control or destroy any vegetation. The technical names for herbicides determined in this report are:

2,4-D (2,4-dichlorophenoxy) acetic acid.

2,4,5-T (2,4,5-trichlorophenoxy) acetic acid.

Silvex 2-(2,4,5-trichlorophenoxy) propionic acid.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.2 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

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

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells/mL of sample.

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

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

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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 having various percentages of chlorine.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward-components of turbulent currents or that exists in suspension as colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mean concentration times 0.0027.

Suspended-sediment load is the quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bedload discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour period.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens (formerly micromhos) per centimeter at 25 °C ($\mu\text{S}/\text{cm}$). Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance in microsiemens (formerly micromhos). 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.

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

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

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emerged or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplified 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 multi-plate samplers (made of hard-board) for benthic organism collection, and plexiglass strips for periphyton collection.

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

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

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of the total concentration in a water-sediment mixture. The water-sediment mixture is associated with (or sorbed on) that material retained on a 0.45-micrometer membrane filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-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 would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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

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

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

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

Kingdom	Animal
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	<i>Hexagenia</i>
Species	<i>Hexagenia limbata</i>

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

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

Tons per day is the quantity of substance in solution or suspension that passes a stream section during a 24-hour period.

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

Total load (tons) is the total quantity of any individual constituent, as measured by dry mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge, times the mean concentration of the constituent, times the factor 0.0027, times the number of days.

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

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.

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

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PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

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

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

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H.H. Stevens, Jr., J.F. Ficken, and G.F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W.W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A.A.R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
- 2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F.P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W.S. Keys and L.M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W.S. Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.
- 2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W.E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M.A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M.A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G.L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H.F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R.W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurements at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS--TWRI Book 3, Chapter 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, Chapter A9. 1989. 27 pages.
- 3-A10. *Discharge ratings at gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 3-A11. *Measurement of discharge by moving-boat method*, by G.F. Smoot and C.E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F.A. Kilpatrick and V.R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.
- 3-A16. *Measurement of discharge using tracers*, by F.A. Kilpatrick and E.D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F.A. Kilpatrick, R.E. Rathbun, Nobuhiro Yotsukura, G.W. Parker, and L.L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.
- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R.W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G.D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J.E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R.L. Cooley and R.L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R.L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O.L. Franke, T.E. Reilly, and G.D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T.E. Reilly, O.L. Franke, and G.D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E.J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 90 pages.
- 3-C1. *Fluvial sediment concepts*, by H.P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H.P. Guy and V.W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H.C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H.C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H.C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

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PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 4-B2. *Storage analyses for water supply*, by H.C. Riggs and C.H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H.C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C.T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M.J. Fishman and L.C. Friedman: USGS--TWRI Book 5, Chapter 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, Chapter 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, Chapter 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, Chapter 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, Chapter 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, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H.P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
- 6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S.A. Leake and D.E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.
- 6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model description and User's Manual*, by L.J. Torak: USGS--TWRI Book 6, Chapter A3. 1993. 136 pages.
- 6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R.L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.
- 6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details*, by L.J. Torak: USGS--TWRI Book 6, Chapter A5. 1993. 243 pages.
- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L.F. Konikow and J.D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R.W. Schaffranek, R.A. Baltzer, and D.E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M.S. Garber and F.C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J.D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G.F. Smoot and C.E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

HYDROLOGIC-DATA STATION RECORDS

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

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

DRAINAGE AREA.--6,573 mi².

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

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

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

REMARKS.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

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

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

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

PEARL RIVER BASIN
02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

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

MEAN	2939	4318	10070	15340	19400	20430	19730	12460	5490	4616	3802	2919
MAX	10390	16150	40080	48900	56830	46670	67290	56770	22540	26570	16710	9543
(WY)	1976	1958	1983	1974	1990	1987	1980	1991	1983	1940	1975	1979
MIN	1110	1233	1713	2174	4346	4764	3214	1926	1651	1564	1514	1246
(WY)	1964	1964	1955	1956	1970	1967	1963	1963	1963	1969	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	3566700		3441390			
ANNUAL MEAN	9772		9403		10080	
HIGHEST ANNUAL MEAN					22560	
LOWEST ANNUAL MEAN					3412	
HIGHEST DAILY MEAN	58100	Mar 20	53200	Feb 9	127000	1983
LOWEST DAILY MEAN	1750	Sep 8	1850	Sep 15	1020	1963
ANNUAL SEVEN-DAY MINIMUM	1760	Sep 6	1890	Sep 14	1030	1963
INSTANTANEOUS PEAK FLOW			53700	Feb 9	129000	1979
INSTANTANEOUS PEAK STAGE			20.57	Feb 9	23.23	1979
INSTANTANEOUS LOW FLOW			1840	Sep 15	1020	1963
INSTANTANEOUS LOW STAGE			7.49	Sep 15	4.84	1963
ANNUAL RUNOFF (CFSM)	1.49		1.43		1.53	
ANNUAL RUNOFF (INCHES)	20.19		19.48		20.83	
10 PERCENT EXCEEDS	30100		27800		27800	
50 PERCENT EXCEEDS	5210		4060		4640	
90 PERCENT EXCEEDS	2220		2050		1840	

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.74	8.41	9.93	18.30	19.71	14.07	19.20	16.35	9.46	8.65	8.58	8.38
2	7.66	8.82	10.50	17.46	19.85	12.98	19.24	15.78	9.66	8.40	9.00	8.58
3	7.67	9.73	11.59	16.23	19.93	12.67	19.19	15.05	10.45	8.25	9.53	9.21
4	8.02	10.02	12.14	15.61	20.00	12.33	19.09	14.12	10.32	8.14	9.90	9.10
5	8.54	9.36	11.80	16.00	20.11	11.83	19.00	12.98	10.36	8.05	9.61	8.75
6	9.35	8.96	11.14	15.73	20.27	11.39	18.98	11.93	10.26	7.99	9.26	8.55
7	10.75	9.04	10.65	15.05	20.42	11.98	18.81	11.22	9.73	7.94	8.93	8.43
8	10.88	9.10	11.15	14.59	20.51	15.39	18.51	10.91	9.40	7.92	9.34	8.34
9	11.09	9.03	12.88	14.69	20.55	17.55	17.75	11.12	9.77	8.01	9.38	8.22
10	10.80	8.94	13.63	15.27	20.51	18.45	16.63	11.04	9.86	7.99	9.32	8.08
11	10.18	10.09	13.68	15.53	20.41	18.94	15.46	10.78	9.23	7.97	9.64	7.87
12	9.58	10.94	14.01	15.50	20.26	19.21	14.36	10.53	8.93	7.94	9.36	7.73
13	9.12	11.24	14.10	15.31	20.05	19.35	13.55	10.19	8.83	8.02	9.12	7.62
14	8.77	12.70	14.10	15.08	19.74	19.33	13.58	9.89	8.99	8.89	8.68	7.54
15	8.67	13.72	14.04	14.92	19.11	19.00	15.20	9.74	9.58	9.53	8.30	7.51
16	8.59	13.91	13.71	14.89	18.14	18.40	17.15	9.64	9.68	9.14	8.10	7.57
17	8.44	13.91	13.24	14.93	17.05	18.03	18.27	9.47	10.41	8.96	8.04	7.62
18	9.31	13.65	13.40	14.96	16.00	17.85	18.87	9.33	10.86	9.06	7.95	7.63
19	10.53	12.89	15.94	14.87	15.06	17.26	19.16	9.21	10.26	9.37	7.85	7.60
20	9.89	11.96	17.96	14.62	14.67	16.74	19.24	9.11	9.57	9.11	7.77	7.54
21	9.03	11.39	18.74	14.47	14.30	16.64	19.12	9.00	9.21	8.70	7.81	7.64
22	8.45	11.12	19.20	14.56	13.25	16.97	18.79	8.90	9.27	8.39	7.91	7.79
23	8.15	10.85	19.50	14.52	12.55	16.89	18.35	8.83	9.60	8.23	7.82	8.03
24	8.01	10.88	19.67	14.58	12.07	16.22	17.89	8.76	9.45	8.27	7.81	8.03
25	7.92	11.03	19.75	14.78	11.94	15.58	17.61	8.70	9.02	8.13	7.69	7.95
26	7.84	10.62	19.75	15.18	12.04	15.89	17.64	8.64	8.87	8.04	7.64	7.74
27	7.82	10.11	19.68	17.45	12.01	16.61	17.28	8.57	8.90	8.07	7.69	7.61
28	7.85	9.88	19.58	18.83	12.22	17.56	16.20	8.51	9.16	8.03	7.83	7.66
29	7.94	9.97	19.41	19.27	14.15	18.20	15.96	8.81	9.34	7.91	7.82	7.79
30	8.16	10.04	19.19	19.45	---	18.75	16.35	9.78	9.05	7.87	8.22	7.76
31	8.27	---	18.84	19.59	---	19.10	---	10.01	---	8.03	8.47	---
MAX	11.09	13.91	19.75	19.59	20.55	19.35	19.24	16.35	10.86	9.53	9.90	9.21
MIN	7.66	8.41	9.93	14.47	11.94	11.39	13.55	8.51	8.83	7.87	7.64	7.51

PEARL RIVER BASIN
02490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'48", in SE1/4 sec.34, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, near right bank on downstream side of bridge on U.S. Highway 98, 0.2 mi upstream from Bars Branch, 2.2 mi downstream from Topisaw Creek, and 9.2 mi northwest of Tylertown.

DRAINAGE AREA.--492 mi².

PERIOD OF RECORD.--August 1944 to current year.

REVISED RECORDS.--WSP 1504:1945(P), 1946(M), 1947-51, 1953.WDR MS-80-1:Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 227.40 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Dec. 5-7, 13-19, Jan. 31, Feb. 1-2, 14-29, Mar. 1-4, May 22-28. Records fair except for periods of estimated daily discharge, which are poor. Telemeter and satellite telemeter at station.

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

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

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

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

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

PEARL RIVER BASIN

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS--Continued

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

MEAN	390	513	887	1274	1413	1364	1315	885	518	462	414	379
MAX	1894	2118	2976	4728	3994	3625	4718	4317	1744	1503	1402	1131
(WY)	1965	1958	1972	1990	1966	1973	1983	1953	1975	1946	1953	1971
MIN	184	212	309	279	317	408	303	249	244	233	220	204
(WY)	1964	1957	1967	1956	1968	1955	1963	1956	1963	1969	1954	1952

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

e Estimated

PEARL RIVER BASIN

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'34", long 90°09'43", in SE 1/4 SE 1/4 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 mi².

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 sea level. 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 ft³/s, 22.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125,000 ft³/s, Apr. 7, 1983, gage height, 24.69 ft; minimum discharge, 350 ft³/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 11,400 ft³/s, Dec. 19, gage height, 10.78 ft; minimum gage height, 0.48 ft, Oct. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.45	.83	.69	1.40	3.32	2.20	2.52	1.38	1.49	.64	1.28	.71
2	.45	1.78	.69	2.02	3.49	1.65	2.49	1.26	1.76	.61	1.32	.69
3	.59	2.41	.69	1.53	5.27	1.39	1.99	1.13	2.45	.59	1.94	.72
4	.85	1.56	.71	1.35	5.08	1.23	1.64	1.04	2.29	.56	1.43	.66
5	.82	1.12	.77	1.26	4.62	1.15	1.45	.99	1.60	.53	.95	.64
6	.73	.96	.85	1.13	3.47	1.25	1.69	.94	1.15	.52	.85	.63
7	.63	.90	.93	1.05	2.45	4.66	3.43	.90	.95	.52	.98	.62
8	.56	1.12	1.35	.99	2.16	5.56	3.16	.86	.97	.52	1.80	.63
9	.53	1.13	1.41	.97	1.98	4.38	2.33	.84	.94	.60	1.66	.66
10	.52	.91	1.49	.96	1.84	3.08	1.72	.85	1.00	.77	1.08	.63
11	.51	.90	1.37	.95	1.70	2.20	1.47	.87	.87	.79	.94	.71
12	.50	.89	1.17	.95	1.54	1.86	1.32	.92	.78	.72	1.05	.73
13	.54	.87	1.01	.92	1.42	1.66	1.53	.82	.80	.57	1.01	.64
14	2.11	.94	.92	.90	1.35	1.53	2.54	.81	1.25	.70	.89	.58
15	1.33	.84	.87	.88	1.30	1.44	3.73	.77	1.39	1.47	.80	.59
16	.85	.77	.84	.86	1.24	1.34	5.04	.74	2.04	1.44	.75	.62
17	.69	.74	.93	.84	1.18	1.92	5.04	.72	1.61	1.33	.71	.62
18	.61	.73	4.40	.85	1.14	2.41	4.20	.70	1.15	1.04	.68	.62
19	.58	.72	10.37	.85	1.25	2.27	2.47	.68	.94	.81	.73	.59
20	.54	.75	8.30	.81	1.58	2.06	1.94	.66	1.20	.70	.75	.56
21	.52	.82	5.94	.82	1.28	1.74	1.67	.64	1.39	.63	.77	.74
22	.51	.77	4.52	.82	1.17	1.46	1.47	.62	.98	.56	.67	.79
23	.51	.73	2.65	.81	1.12	1.31	1.74	.61	.94	.54	.64	.68
24	.50	.78	2.00	1.20	1.06	1.25	2.68	.59	.84	.54	.63	.62
25	.49	.75	1.70	1.18	1.01	2.18	3.02	.58	1.01	.54	.61	.59
26	.48	.73	1.52	1.79	.99	3.02	2.59	.56	.90	.64	.63	.57
27	.51	.72	1.39	8.62	.97	3.56	1.85	.55	1.00	.61	.77	.60
28	.64	.70	1.27	7.59	2.33	3.19	1.91	.55	1.02	.61	.76	.74
29	.68	.68	1.19	6.51	2.90	2.19	1.65	2.48	.78	.66	.82	.76
30	.62	.69	1.13	5.41	---	2.67	1.65	3.86	.69	.64	.77	.76
31	.73	---	1.12	4.05	---	2.39	---	2.04	---	.63	.77	---
MAX	2.11	2.41	10.37	8.62	5.27	5.56	5.04	3.86	2.45	1.47	1.94	.79
MIN	.45	.68	.69	.81	.97	1.15	1.32	.55	.69	.52	.61	.56

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA

LOCATION.--Lat 30°37'45", long 89°53'50", in SE 1/4 NE 1/4 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 mi².

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 sea level (levels by Corps of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 21	0330	*15,500	11.85	Jan. 29	0730	13,200	11.45

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e840	935	845	1430	4170	2940	3010	1500	2280	855	966	850
2	e860	1190	846	1790	3400	2270	2510	1330	1610	825	1150	798
3	e920	2210	848	2010	3580	1760	2280	1230	2010	805	1220	774
4	e1000	2320	866	1660	4610	1510	1910	1140	2210	791	1430	773
5	965	1610	872	1500	5070	1380	1650	1080	1900	772	1150	747
6	926	1260	887	1410	4220	1320	1750	1030	1460	757	944	736
7	870	1140	932	1330	3420	1740	2260	995	1220	750	896	743
8	819	1140	995	1250	2610	3490	2880	960	1160	744	1000	741
9	789	1200	1190	1200	2330	4330	2660	937	1130	741	1340	739
10	772	1150	1230	1190	2170	3880	2060	932	1070	794	1300	747
11	765	1060	1290	1170	2030	2790	1640	928	1060	823	1050	730
12	759	1060	1210	1170	1880	2040	1460	958	981	840	971	755
13	758	1040	1100	1160	1730	1740	1470	953	945	793	1220	759
14	823	1010	1020	1140	1600	1590	1770	902	1020	753	1040	719
15	1660	1020	971	1120	1480	1490	2680	883	1250	860	917	705
16	1230	963	944	1100	1370	1400	3230	860	1450	1240	848	746
17	961	923	955	1090	1280	1560	3780	841	1640	1210	808	740
18	870	902	1500	1080	1230	2660	3970	828	1380	1130	781	729
19	828	893	3970	1090	1250	3110	3520	816	1160	979	761	718
20	804	900	11000	1080	1490	2650	2360	800	1040	872	773	704
21	782	924	14300	1060	1630	2070	1820	783	1220	819	802	745
22	770	941	9160	1070	1390	1730	1570	774	1230	779	799	857
23	767	910	5270	1050	1300	1510	1530	765	1040	759	753	821
24	766	908	3000	1140	1240	1390	1890	757	994	756	734	755
25	759	920	2180	1460	1190	1460	2280	745	950	764	725	721
26	752	899	1860	1390	1160	2020	2390	740	992	823	720	704
27	752	881	1690	2920	1140	2610	2080	733	960	885	734	706
28	769	874	1560	8140	1330	2890	1690	726	1070	822	776	776
29	817	857	1450	12500	2740	2640	1640	1190	1040	795	839	803
30	833	846	1370	9350	---	2690	1630	3380	913	800	952	792
31	842	---	1340	6890	---	3510	---	3810	---	802	882	---
TOTAL	26828	32886	76651	72940	64040	70170	67370	34306	38385	26138	29281	22633
MEAN	865	1096	2473	2353	2208	2264	2246	1107	1279	843	945	754
MAX	1660	2320	14300	12500	5070	4330	3970	3810	2280	1240	1430	857
MIN	752	846	845	1050	1140	1320	1460	726	913	741	720	704
CFSM	.71	.90	2.04	1.94	1.82	1.87	1.85	.91	1.05	.70	.78	.62
IN.	.82	1.01	2.35	2.24	1.96	2.15	2.07	1.05	1.18	.80	.90	.69

e Estimated

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued--

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

MEAN	921	1244	2196	2892	3447	3263	3321	2156	1392	1255	1133	1021
MAX	2772	4298	7751	9596	10230	9284	14640	8770	5387	4020	3024	2597
(WY)	1985	1962	1962	1990	1966	1943	1983	1991	1975	1946	1953	1971
MIN	422	484	689	703	852	1026	722	592	565	556	565	503
(WY)	1969	1970	1940	1956	1968	1967	1963	1963	1963	1968	1963	1969
SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1938 - 1996					
ANNUAL TOTAL	857813			561628								
ANNUAL MEAN	2350			1535			2012					
HIGHEST ANNUAL MEAN							3697					
LOWEST ANNUAL MEAN							919					
HIGHEST DAILY MEAN	20300			Mar 18			14300			Dec 21		
LOWEST DAILY MEAN	752			Oct 26			704			Sep 20		
ANNUAL SEVEN-DAY MINIMUM	761			Sep 6			723			Sep 14		
INSTANTANEOUS PEAK FLOW							15500			Dec 21		
INSTANTANEOUS PEAK STAGE							11.85			Dec 21		
INSTANTANEOUS LOW FLOW							696			Sep 15,26,27		
INSTANTANEOUS LOW STAGE							3.18			Sep 15,26,27		
ANNUAL RUNOFF (CFSM)	1.94						1.27			1.66		
ANNUAL RUNOFF (INCHES)	26.31						17.22			22.54		
10 PERCENT EXCEEDS	4880						2680			3860		
50 PERCENT EXCEEDS	1200						1070			1150		
90 PERCENT EXCEEDS	819						757			645		

* Occurred: Oct.23, 26,29, 1968.

** Occurred: Oct 29-30, 1940; Oct 22-27, 1941.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.79	3.57	4.90	9.02	7.51	7.60	5.06	6.45	3.60	3.87	3.58
2	---	4.37	3.57	5.59	8.16	6.45	6.86	4.73	5.26	3.52	4.29	3.45
3	---	6.34	3.58	6.00	8.39	5.54	6.47	4.53	6.00	3.47	4.44	3.39
4	---	6.53	3.62	5.34	9.32	5.05	5.82	4.35	6.36	3.43	4.90	3.38
5	3.87	5.26	3.64	5.04	9.53	4.78	5.33	4.22	5.80	3.38	4.30	3.32
6	3.77	4.53	3.68	4.85	9.15	4.67	5.51	4.12	4.95	3.34	3.82	3.29
7	3.63	4.28	3.79	4.68	8.17	5.48	6.43	4.04	4.44	3.33	3.70	3.31
8	3.50	4.27	3.94	4.53	7.02	8.27	7.42	3.97	4.33	3.31	3.95	3.30
9	3.43	4.40	4.38	4.42	6.55	9.24	7.09	3.91	4.26	3.30	4.71	3.29
10	3.38	4.29	4.48	4.38	6.29	8.77	6.09	3.90	4.12	3.44	4.62	3.32
11	3.36	4.09	4.59	4.34	6.04	7.28	5.32	3.89	4.08	3.52	4.07	3.27
12	3.35	4.09	4.42	4.34	5.77	6.05	4.95	3.96	3.90	3.56	3.88	3.34
13	3.34	4.04	4.17	4.33	5.48	5.50	4.97	3.95	3.82	3.44	4.44	3.35
14	3.51	3.99	4.00	4.27	5.23	5.21	5.56	3.83	3.99	3.33	4.04	3.24
15	5.34	3.99	3.88	4.22	5.00	5.01	7.12	3.79	4.51	3.61	3.75	3.20
16	4.46	3.86	3.82	4.19	4.77	4.84	7.92	3.73	4.93	4.50	3.58	3.31
17	3.86	3.77	3.84	4.16	4.57	5.14	8.66	3.69	5.31	4.42	3.48	3.30
18	3.63	3.71	5.00	4.15	4.48	7.09	8.89	3.66	4.79	4.26	3.41	3.27
19	3.53	3.69	8.63	4.16	4.51	7.76	8.31	3.63	4.31	3.90	3.35	3.24
20	3.47	3.71	10.98	4.14	5.02	7.07	6.59	3.59	4.04	3.64	3.39	3.20
21	3.41	3.77	11.64	4.09	5.29	6.11	5.66	3.55	4.44	3.50	3.46	3.31
22	3.38	3.81	10.61	4.10	4.82	5.48	5.20	3.53	4.46	3.40	3.45	3.60
23	3.37	3.73	9.50	4.08	4.63	5.06	5.13	3.50	4.05	3.35	3.33	3.51
24	3.37	3.73	7.58	4.27	4.49	4.81	5.79	3.48	3.94	3.34	3.28	3.34
25	3.35	3.76	6.29	4.95	4.38	4.94	6.48	3.45	3.83	3.36	3.26	3.25
26	3.33	3.70	5.73	4.81	4.31	6.03	6.66	3.44	3.93	3.51	3.24	3.20
27	3.33	3.66	5.40	7.39	4.27	7.01	6.12	3.42	3.85	3.67	3.28	3.21
28	3.37	3.64	5.16	10.32	4.67	7.44	5.42	3.40	4.11	3.51	3.39	3.39
29	3.50	3.60	4.94	11.31	7.19	7.05	5.33	4.38	4.04	3.44	3.56	3.46
30	3.54	3.57	4.76	10.66	---	7.11	5.30	8.11	3.74	3.45	3.83	3.44
31	3.56	---	4.72	10.05	---	8.30	---	8.69	---	3.46	3.66	---
MAX	---	6.53	11.64	11.31	9.53	9.24	8.89	8.69	6.45	4.50	4.90	3.60
MIN	---	3.57	3.57	4.08	4.27	4.67	4.95	3.40	3.74	3.30	3.24	3.20

PEARL RIVER BASIN

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW 1/4 NW 1/4 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 mi², includes East Pearl River.

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year (gage heights only). 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.--WRD LA-1981-2: 1980(M): Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft. below sea level. Non-recording gage. 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 ft³/s, 14.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230,000 ft³/s, Apr. 9, 1983, gage height, 21.05 ft; minimum daily discharge, 1,580 ft³/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 discharge, 58,100 ft³/s, Feb. 11, gage height 16.06 ft, from graph based on gage readings; minimum gage height, 4.22 ft, Sept. 19.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.83	5.15	6.39	14.03	14.90	9.78	14.14	11.16	8.52	5.72	5.19	5.16
2	4.70	5.54	6.36	13.72	14.89	10.46	14.18	11.18	7.85	5.43	5.91	5.14
3	4.66	6.67	6.55	13.17	14.92	10.06	14.08	11.06	7.45	5.15	6.41	5.09
4	4.79	7.31	7.15	12.49	15.04	9.33	13.98	10.68	7.80	4.93	6.55	5.31
5	4.98	7.51	7.68	11.61	15.24	8.87	13.86	10.12	7.82	4.78	6.76	5.48
6	5.16	6.89	7.81	11.11	15.45	8.50	13.91	9.40	7.45	4.65	6.50	5.33
7	5.42	6.31	7.54	11.01	15.61	8.19	13.87	8.57	7.10	4.50	6.18	5.11
8	6.15	6.09	7.22	10.75	15.75	8.49	13.79	7.83	6.83	4.30	5.91	4.96
9	6.56	6.05	7.23	10.35	15.88	9.94	13.67	7.38	6.71	4.20	6.03	4.87
10	6.74	6.06	7.93	10.07	15.99	11.53	13.34	7.27	6.80	4.32	6.37	4.78
11	6.75	6.02	8.68	10.13	16.03	12.63	12.65	7.30	6.40	4.44	6.30	4.69
12	6.50	6.29	9.09	10.39	15.96	13.16	11.71	7.21	6.17	4.52	6.25	4.57
13	6.14	6.91	9.24	10.54	15.78	13.48	10.80	7.04	5.80	4.53	6.33	4.45
14	5.78	7.22	9.36	10.54	15.52	13.74	10.20	6.79	5.60	4.71	6.34	4.40
15	5.59	7.73	9.41	10.42	15.15	13.90	12.84	---	6.13	5.34	5.92	4.41
16	5.92	8.39	9.41	10.28	14.59	13.86	12.41	---	6.84	5.80	5.45	4.44
17	5.66	8.81	9.40	10.18	13.76	13.57	12.17	---	6.95	6.13	5.10	4.33
18	5.40	8.99	9.52	10.16	12.84	13.27	12.64	---	7.14	6.07	4.90	4.27
19	5.52	9.02	10.02	10.15	11.93	13.17	13.28	---	7.22	5.81	4.78	4.27
20	6.21	8.85	10.92	10.14	11.23	12.99	13.75	---	7.05	5.71	4.71	4.29
21	6.27	8.36	12.50	10.07	10.68	12.53	13.92	---	6.60	5.64	4.75	4.32
22	5.82	7.80	13.88	9.93	10.32	11.97	13.88	---	6.30	5.30	4.83	4.52
23	5.37	7.47	14.23	9.87	9.81	11.70	13.74	---	6.15	4.98	4.85	4.69
24	5.08	7.28	14.31	9.96	9.13	11.69	13.43	---	6.05	4.90	4.71	4.69
25	4.84	7.15	14.35	10.06	8.60	11.58	13.06	---	6.02	4.95	4.58	4.70
26	4.73	7.21	14.41	10.22	8.27	11.25	12.74	---	5.75	5.09	4.48	4.61
27	4.72	7.08	14.47	10.85	8.17	11.25	12.52	---	5.62	5.18	4.36	4.56
28	4.60	6.75	14.46	11.96	8.21	11.65	12.36	---	5.75	5.26	4.35	4.52
29	4.60	6.46	14.37	13.34	8.66	12.10	11.97	5.30	5.85	5.30	4.48	4.51
30	4.70	6.37	14.22	14.51	---	13.14	11.38	7.00	5.91	5.20	4.66	4.61
31	4.93	---	14.08	14.89	---	13.87	---	8.22	---	4.99	4.96	---
MEAN	5.46	7.12	10.39	11.19	13.05	11.67	13.01	---	6.65	5.09	5.45	4.70
MAX	6.75	9.02	14.47	14.89	16.03	13.90	14.18	---	8.52	6.13	6.76	5.48
MIN	4.60	5.15	6.36	9.87	8.17	8.19	10.20	---	5.60	4.20	4.35	4.27

LOWER MISSISSIPPI RIVER BASIN

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T. 1 N., R. 5 2., 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 mi² 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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995					
12...	1200	220000	119	70700	99
26...	1200	244000	123	81000	95
NOV					
09...	1200	237000	136	87000	97
FEB 1996					
15...	1200	640000	205	354000	68
MAR					
14...	1100	554000	274	410000	74
28...	1100	563000	255	388000	80
APR					
11...	1130	604000	208	339000	72
25...	1300	488000	420	553000	93
MAY					
22...	1100	926000	261	653000	64
JUN					
06...	1100	1020000	155	427000	63
19...	1200	935000	210	530000	69
JUL					
18...	1100	388000	163	171000	95
AUG					
01...	0815	462000	204	254000	88
29...	1100	289000	139	108000	96

LOWER MISSISSIPPI RIVER BASIN
07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued
SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130000	74000	139000	169000	372000	234000	431000	779000	502000	446000	254000	116000
2	134000	76000	130000	167000	385000	230000	438000	779000	483000	407000	274000	118000
3	153000	79000	126000	160000	415000	231000	435000	780000	472000	389000	283000	119000
4	179000	78000	121000	153000	429000	234000	436000	783000	460000	371000	287000	121000
5	191000	78000	118000	145000	431000	238000	435000	779000	443000	346000	278000	120000
6	198000	81000	113000	137000	433000	244000	419000	769000	426000	323000	265000	118000
7	207000	82000	107000	131000	438000	262000	407000	753000	430000	300000	255000	116000
8	216000	84000	103000	125000	444000	289000	395000	748000	433000	277000	246000	113000
9	222000	87000	103000	123000	442000	305000	370000	735000	442000	258000	239000	110000
10	223000	88000	103000	122000	438000	328000	354000	727000	446000	240000	237000	105000
11	123000	92000	101000	122000	432000	352000	339000	730000	455000	226000	236000	103000
12	71000	99000	95000	122000	420000	367000	355000	728000	463000	212000	236000	98000
13	72000	109000	93000	128000	409000	388000	378000	719000	468000	197000	224000	98000
14	80000	113000	92000	136000	383000	409000	399000	712000	479000	186000	210000	98000
15	86000	117000	90000	144000	354000	429000	413000	701000	495000	179000	194000	99000
16	93000	121000	89000	152000	326000	441000	433000	693000	508000	177000	182000	101000
17	97000	126000	90000	148000	291000	447000	443000	687000	516000	174000	171000	105000
18	97000	134000	96000	145000	273000	452000	439000	679000	523000	171000	160000	108000
19	94000	145000	125000	143000	263000	449000	433000	675000	529000	169000	154000	111000
20	93000	154000	123000	143000	259000	450000	446000	667000	531000	169000	152000	112000
21	90000	165000	120000	143000	264000	443000	433000	660000	532000	170000	147000	116000
22	86000	170000	120000	146000	272000	430000	419000	652000	532000	170000	144000	114000
23	83000	173000	117000	149000	281000	408000	436000	637000	530000	170000	140000	117000
24	82000	177000	117000	152000	287000	382000	500000	621000	525000	165000	136000	125000
25	81000	178000	120000	162000	282000	361000	553000	604000	521000	164000	133000	131000
26	81000	177000	123000	176000	269000	365000	556000	586000	515000	168000	128000	135000
27	82000	169000	127000	215000	256000	376000	581000	569000	506000	169000	120000	144000
28	81000	160000	133000	241000	245000	387000	631000	552000	496000	175000	113000	164000
29	81000	151000	144000	259000	238000	395000	672000	540000	484000	188000	108000	178000
30	80000	146000	156000	297000	---	406000	733000	531000	467000	204000	110000	192000
31	77000	---	164000	363000	---	417000	---	514000	---	228000	114000	---
MAX	222000	178000	164000	363000	438000	452000	733000	783000	532000	446000	287000	192000
MIN	71000	74000	89000	122000	238000	230000	339000	514000	426000	164000	108000	98000

RED RIVER BASIN

07337000 RED RIVER AT INDEX, ARKANSAS
(National stream-quality accounting network station)

LOCATION.--Lat 33°33'07", long 94°02'28", in NW 1/4 SW 1/4 sec. 7, T. 14 S., R. 28 W., Miller County, Hydrologic Unit 11140106, near right bank on downstream side of southbound bridge on U.S. Highway 71 at Index, 2.2 mi south of Ogden, 20.6 mi upstream from Little River, and at mile 485.3.

DRAINAGE AREA.--48,030 mi², of which 5,936 mi² is probably noncontributing.

PERIOD OF RECORD.--July 1936 to current year. Gage-height records collected at same site since 1917 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 246.87 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 12, 1939, non-recording gage, and Dec. 12, 1939, to July 19, 1979, water-stage recorder, at site 500 ft downstream at present datum.

REMARKS.--Records good, except for estimated daily discharges which are fair. Some regulation since Oct. 31, 1943, by Lake Texoma (Texas), 241 mi upstream, capacity, 5,392,900 acre-ft, since Sept. 28, 1967, by Pat Mayse Lake (Texas), capacity, 352,700 acre-ft, and since Jan. 18, 1974, by Hugo Lake (Oklahoma) capacity, 966,700 acre-ft. Satellite telemeter at station.

AVERAGE DISCHARGE.--57 years, 13,000 ft³/s, 9,418,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 297,000 ft³/s Feb. 23, 1938, gage height, 34.25 ft; minimum, 378 ft³/s Nov. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 43,300 ft³/s Sep. 29.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17600	3940	1890	3960	6300	2330	17700	21500	6670	4120	8680	18800
2	17600	3350	1720	5280	6500	2240	17400	17900	6160	4160	10300	19200
3	16800	2780	2040	e5520	7510	3250	15200	13800	5600	4170	11800	18900
4	16700	2580	2480	7330	7400	4230	12600	9610	5360	3910	13600	17200
5	16900	2730	2570	8680	7390	4340	11000	7600	6130	3540	12500	17000
6	17200	2980	2440	10600	8660	3750	10100	7170	6480	3520	9800	19000
7	14600	3400	2530	11800	9640	3210	7730	7130	6240	3590	7760	18700
8	12600	3220	2330	11300	9470	2490	6420	6480	6690	3570	7700	18000
9	12100	3020	1940	10600	9720	2070	6060	5370	5870	3560	8000	17900
10	11200	2790	2310	8940	9150	2540	5770	4430	4930	3860	7250	16400
11	10500	2560	3030	5990	7390	2960	5130	5790	4550	3800	7080	e13100
12	10300	2730	3180	4350	5520	3280	4380	9060	4310	3230	7940	e12000
13	10100	2960	3280	4410	4780	3900	4290	12500	4180	3210	11500	11600
14	8910	2970	3390	4890	4340	4060	4470	10200	4810	5250	13600	11600
15	7220	2920	3400	4750	3430	3090	5600	12800	4820	8500	13500	11500
16	6620	2750	3710	4520	2790	2400	12900	14200	11900	13100	12800	11500
17	6330	2300	3680	4320	4890	2970	16400	13700	12900	14300	11300	11500
18	5530	1970	3860	3550	6210	3160	15000	13300	9440	12600	8650	12100
19	4840	2230	3800	2940	5370	3110	13200	12000	7210	12600	6660	14800
20	4580	2820	4050	4090	4720	3200	11800	7460	5610	14500	6270	15200
21	4580	3140	4380	7440	4390	3150	9290	5310	4360	14400	6290	16200
22	4530	3130	6370	8750	3520	2560	8230	4630	3850	12200	5950	26200
23	4420	2740	6870	8700	2710	2300	8160	4180	4280	11000	5610	32000
24	4330	2160	5860	7590	2590	3210	7940	3690	4500	10300	5670	30600
25	4360	1890	4880	6410	3340	3790	12500	7060	4510	9340	6020	29100
26	4230	e2450	4400	6880	3510	3770	22000	11100	4450	6810	6550	29400
27	4060	e2970	4220	9350	3620	3640	22500	10100	4340	5300	7360	30100
28	3490	e2800	3830	10500	3750	3280	21900	9160	3880	4950	7590	36500
29	3380	2360	3030	9860	3100	2760	22100	9530	3830	4700	8440	43300
30	3230	2090	2780	9300	---	3750	23200	9070	4110	5210	15600	40600
31	3540	---	3560	8210	---	12200	---	8230	---	5900	21100	---
TOTAL	272380	82730	107810	220810	161710	106990	360970	294060	171970	219200	292870	620000
MEAN	8786	2758	3478	7123	5576	3451	12030	9486	5732	7071	9447	20670
MAX	17600	3940	6870	11800	9720	12200	23200	21500	12900	14500	21100	43300
MIN	3230	1890	1720	2940	2590	2070	4290	3690	3830	3210	5610	11500
AC-FT	540300	164100	213800	438000	320800	212200	716000	583300	341100	434800	580900	1230000

RED RIVER BASIN

07344400 RED RIVER NEAR HOSSTON, LA

LOCATION.--Lat 32°53'35", long 93°49'20", in SW 1/4 sec.16, T.22 N., R.14 W., Bossier-Caddo Parish line, Hydrologic Unit 11140202, near left bank on downstream side of bridge on State Highway 2, 1.8 mi downstream from Dry Bayou, and 3.2 mi east of Hosston.

DRAINAGE AREA.--57,041 mi², of which 5,936 mi² above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to May 1996 (discontinued), (daily gage heights and discharges below 5,000 ft³/s only).

GAGE.--Nonrecording gage read once daily. Datum of gage is 161.56 ft above sea level (levels by Corps of Engineers). Prior to Feb. 20, 1962, water-stage recorder at same site and datum.

REMARKS.--No daily discharges published above 5,000 ft³/s. No estimated daily discharges. Regulation since July 1942 by Lake Texoma (capacity, 5,392,000 acre-ft), since July 1953 by Texarkana Reservoir (capacity, 2,654,300 acre-ft), and since August 1966 by Millwood Lake (capacity, 1,854,900 acre-ft). Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--11 years (water years 1958-68), 17,920 ft³/s, 12,980,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 214,000 ft³/s, May 7, 1958; maximum gage height, 30.70 ft, May 15, 1990; minimum daily, 803 ft³/s, Sept. 16, 17, 1972.

EXTREMES FOR CURRENT YEAR.-- minimum gage height, -2.50 ft observed, Dec 12.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	-1.50	-1.80	-1.10	1.92	-.74	.99	6.98	---	---	---	---
2	3.80	-1.27	-1.95	-.94	1.34	-.68	3.60	6.50	---	---	---	---
3	4.64	-1.11	-2.11	-.67	1.12	-.74	4.72	5.88	---	---	---	---
4	4.62	-1.37	-2.27	.10	1.04	-.87	5.01	4.80	---	---	---	---
5	4.56	-1.71	-2.44	.80	1.25	-.77	4.48	3.47	---	---	---	---
6	4.27	-1.87	-2.42	1.60	1.44	-.81	3.90	2.01	---	---	---	---
7	4.25	-1.83	-2.36	2.35	1.60	-.98	3.29	---	---	---	---	---
8	4.16	-1.67	-2.03	3.10	1.78	-.93	2.83	---	---	---	---	---
9	3.76	-1.62	-2.09	3.37	1.93	-1.04	2.40	---	---	---	---	---
10	3.22	-1.58	-2.13	3.16	2.07	-1.22	1.80	---	---	---	---	---
11	2.79	-1.74	-2.34	2.72	2.12	-1.40	1.08	---	---	---	---	---
12	2.41	-1.98	-2.50	1.86	1.62	-1.43	.44	---	---	---	---	---
13	2.23	-2.10	-2.30	.90	1.11	-1.29	.21	---	---	---	---	---
14	2.22	-1.97	-1.93	-.56	.41	-1.05	.17	---	---	---	---	---
15	1.93	-1.78	-1.67	-.72	-.05	-1.29	.90	---	---	---	---	---
16	1.70	-1.65	-1.51	-.49	-.23	-1.48	2.00	---	---	---	---	---
17	1.49	-1.51	-1.48	-.46	-.35	-1.31	3.61	---	---	---	---	---
18	1.23	-1.64	-1.21	-.44	-.45	-1.10	4.68	---	---	---	---	---
19	.91	-1.85	-1.04	-.45	-.26	-.48	5.01	---	---	---	---	---
20	.04	-2.00	-.91	-.45	-.03	-.40	4.82	---	---	---	---	---
21	-.49	-2.04	-.83	-.47	.11	-.58	4.21	---	---	---	---	---
22	-.55	-1.83	-.61	-.39	.15	-.72	4.07	---	---	---	---	---
23	-.61	-1.62	-.30	1.52	-.20	-1.00	4.09	---	---	---	---	---
24	-.68	-1.41	.02	1.67	-.58	-1.20	4.04	---	---	---	---	---
25	-.70	-1.50	.24	2.22	-.90	-1.59	4.19	---	---	---	---	---
26	-.73	-1.63	.40	2.04	-1.25	-1.05	4.62	---	---	---	---	---
27	-.74	-1.72	.19	2.06	-1.14	-.87	5.28	---	---	---	---	---
28	-.88	-1.82	-.17	2.50	-.93	-.72	6.78	---	---	---	---	---
29	-1.82	-1.59	-.23	3.09	-.83	-.70	7.29	---	---	---	---	---
30	-1.82	-1.60	-1.43	2.84	---	-.70	7.19	---	---	---	---	---
31	-1.66	---	-1.40	2.38	---	-.16	---	---	---	---	---	---
MAX	4.64	-1.11	.40	3.37	2.12	-.16	7.29	---	---	---	---	---
MIN	-1.82	-2.10	-2.50	-1.10	-1.25	-1.59	.17	---	---	---	---	---

RED RIVER BASIN

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)

LOCATION.--Lat 32°32'57", long 93°45'51", in lot 14, T. 18 N., R. 14 W., Caddo Parish, Hydrologic Unit 11140202, near right bank, 2.7 mi northeast of Shreveport Courthouse, 4.9 mi upstream from mouth of Cross Bayou, 5.4 mi upstream from gaging station at Illinois Central Railroad bridge at Shreveport (Station 07348500), and at mile 282.5.

DRAINAGE AREA.--57,100 mi², approximately, of which 5,936 mi² above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1974-84, 1986 to current year.

REMARKS.--Water-quality samples are non-integrated. All dissolved constituents are results from water that has be filtered through 0.45 micron filters.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1976 to September 1977.

WATER TEMPERATURES: October 1974 to September 1975, October 1976 to September 1977.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 1,880 micromhos June 5, 6, 1977; minimum daily, 163 micromhos Mar. 17, 1977.

WATER TEMPERATURES: Maximum daily, 32.0 °C July 25, 1977; minimum daily, 4.5 °C Jan. 19, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 2.5 °C was observed Jan. 15, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (μS/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) (00310)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT 1995											
30...	0920	1270	8.25	17.0	10	2.4	4.6	<10	--	K100	<2
DEC											
07...	0945	1050	8.04	14.0	30	5.0	--	28	--	K40	K5
JAN 1996											
30...	1320	440	7.66	11.0	20	58	--	28	--	K40	K28
FEB											
28...	1300	1370	7.65	17.0	30	12	--	41	--	84	K4
MAR											
26...	0845	1140	7.75	15.0	15	12	10.5	27	2.8	K300	<2
APR											
29...	1545	466	7.50	20.0	5	130	7.0	12	--	480	120
MAY											
30...	1135	302	7.62	26.0	40	50	7.7	20	1.4	K80	K90
JUN											
25...	0920	612	7.64	29.0	30	16	7.4	36	2.4	K20	K6
JUL											
22...	1015	238	7.42	29.5	60	74	6.8	<10	3.1	--	K18
AUG											
27...	0930	1160	7.82	29.0	20	12	7.6	19	4.0	<1	K4
SEP											
25...	0945	1440	7.60	23.5	20	120	7.4	40	3.0	--	96

K Results based on colony count outside the acceptable range (non-ideal colony count)

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	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)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	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)
OCT 1995											
30...	360	330	90	25	120	4.9	179	180	200	0.3	766
DEC											
07...	K17	300	84	22	100	5.5	212	130	130	0.2	650
JAN 1996											
30...	68	110	30	8.0	46	2.6	63	58	61	0.1	260
FEB											
28...	K6	320	87	24	160	6.8	181	210	200	0.2	838
MAR											
26...	K6	280	74	23	120	4.5	127	170	180	0.2	678
APR											
29...	110	120	34	8.0	42	2.7	73	61	59	0.2	292
MAY											
30...	K18	78	22	5.5	26	2.1	57	36	36	0.1	184
JUN											
25...	K2	170	47	12	58	3.9	86	87	85	0.2	394
JUL											
22...	K20	70	21	4.3	19	2.4	48	24	24	0.1	--
AUG											
27...	<1	240	--	19	--	4.0	114	170	180	0.2	692
SEP											
25...	720	310	82	26	170	4.8	99	230	260	0.3	890

DATE	SOLIDS SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	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 1995										
30...	728	--	<0.01	<0.02	0.01	0.59	0.59	0.06	0.01	5.6
DEC										
07...	599	11	0.01	<0.02	0.19	0.75	0.75	0.08	0.04	9.3
JAN 1996										
30...	243	120	--	--	--	--	--	--	--	9.0
FEB										
28...	797	31	0.02	0.05	0.12	0.95	1.0	0.10	0.05	--
MAR										
26...	648	26	<0.01	<0.02	0.04	0.75	0.75	0.09	0.03	9.3
APR										
29...	251	340	0.07	0.38	0.02	1.1	1.5	0.29	0.09	13
MAY										
30...	162	61	0.01	0.19	0.05	0.75	0.94	0.10	0.06	8.3
JUN										
25...	345	32	0.01	<0.02	0.01	0.73	0.73	0.08	0.04	8.9
JUL										
22...	124	120	0.02	0.20	0.06	0.79	0.99	0.15	0.09	7.1
AUG										
27...	606	18	0.02	0.29	0.05	0.58	0.87	0.10	--	7.0
SEP										
25...	832	240	0.03	0.39	0.08	0.83	1.2	0.20	0.02	9.7

K Results based on colony count outside the acceptable range (non-ideal colony count).
 < Actual value is known to be less than the value shown.

RED RIVER BASIN

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ARSENIC TOTAL (μG/L AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (μG/L AS BE) (01012)	CADMIUM TOTAL RECOV- ERABLE (μG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (μG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (μG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (μG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (μG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (μG/L AS MN) (01055)
OCT 1995								
30...	<1	<0.5	<1	<1	1	340	1	84
JAN 1996								
30...	2	0.6	<1	3	3	3100	2	180
APR								
29...	4	1.2	<1	9	10	8600	8	470
JUL								
22...	3	<0.5	<1	4	5	3300	4	180

DATE	MERCURY TOTAL RECOV- ERABLE (μG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (μG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (μG/L AS SE) (01092)	ZINC, TOTAL RECOV- ERABLE (μG/L AS ZN) (00556)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (μG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995							
30...	0.1	2	<1	10	<0.02	5	1
JAN 1996							
30...	<0.1	3	<1	20	<0.01	<1	<1
APR							
29...	<0.1	10	<1	30	<0.01	1	<1
JUL							
22...	<0.1	5	<1	10	<0.01	<1	<1

DATE	CHLOR- PYRIFOS TOTAL RECOVER (μG/L) (38932)	DI- SYSTON TOTAL (μG/L) (39011)	PHORATE TOTAL (μG/L) (39023)	PER- THANE TOTAL (μG/L) (39034)	DEF TOTAL (μG/L) (39040)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (μG/L) (39250)	ALDRIN, TOTAL (μG/L) (39330)	LINDANE TOTAL (μG/L) (39340)	CHLOR- DANE, TOTAL (μG/L) (39350)	DDD, TOTAL (μG/L) (39360)	DDE, TOTAL (μG/L) (39365)
OCT 1995											
30...	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01
FEB											
28...	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01
APR											
29...	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01
JUN											
25...	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01
AUG											
27...	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	<0.01	<0.01

< Actual value is known to be less than the value shown.

RED RIVER BASIN
07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	DDT, TOTAL (µG/L) (39370)	DI- ELDRIN TOTAL (µG/L) (39380)	ENDO- SULFAN, TOTAL (µG/L) (39388)	ENDRIN WATER UNFLTRD REC (µG/L) (39390)	ETHION, TOTAL (µG/L) (39398)	TOX- APHENE, TOTAL (µG/L) (39400)	HEPTA- CHLOR, TOTAL (µG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (µG/L) (39420)	METH- OXY- CHLOR, TOTAL (µG/L) (39480)	PCB, TOTAL (µG/L) (39516)	MALA- THION, TOTAL (µG/L) (39530)
OCT 1995											
30...	<0.01	<0.01	<0.01	--	<0.01	<1	<0.01	<0.01	<0.01	<0.1	<0.01
FEB											
28...	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.1	<0.01
APR											
29...	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.1	<0.01
JUN											
25...	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.1	<0.01
AUG											
27...	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.1	<0.01

DATE	PARA- THION, TOTAL (µG/L) (39540)	DI- AZINON, TOTAL (µG/L) (39570)	METHYL PARA- THION, TOTAL (µG/L) (39600)	2,4-D, TOTAL (µG/L) (39730)	2,4,5-T TOTAL (µG/L) (39740)	MIREX, TOTAL (µG/L) (39755)	SILVEX, TOTAL (µG/L) (39760)	TOTAL TRI- THION (µG/L) (39786)	2, 4-DP TOTAL (µG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (µG/L) (82614)
OCT 1995										
30...	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
FEB										
28...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
APR										
29...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
JUN										
25...	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AUG										
27...	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA

LOCATION.--Lat 32°59'40", long 93°23'47", in NE 1/4 NE 1/4 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 mi².

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 sea level.

REMARKS.--Estimated daily discharges. Indefinite stage-discharge relationship, Aug. 11 to Sep. 16, and Sep. 22-30. Records good above 200 ft³/s and fair below. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jun. 14	0300	*7,020	*15.05			No other peaks above base	

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.42	e2.2	e.70	30	35	26	143	155	128	52	1000	314
2	e1.6	e2.4	e.60	40	36	24	126	150	568	40	1270	361
3	e1.7	e2.1	e.40	49	35	24	131	141	302	31	1400	347
4	e1.6	e1.9	e.40	55	33	28	139	108	288	26	1800	266
5	e1.3	e1.8	e.80	51	33	33	135	71	254	31	1910	179
6	e1.1	e1.9	e1.3	42	33	33	162	48	165	32	1780	124
7	e1.0	e2.1	e1.9	35	36	43	171	36	114	27	1540	82
8	e1.1	e2.0	e5.5	33	37	44	220	27	102	25	1230	58
9	e1.0	e1.8	e9.8	30	36	52	258	19	94	61	855	43
10	e.90	e1.5	e5.1	28	38	68	242	16	105	288	467	29
11	e.70	e1.3	e5.1	25	38	65	192	99	332	299	424	21
12	e.60	e1.7	e5.5	20	38	51	149	137	612	196	484	16
13	e.70	e1.8	e4.1	16	38	43	182	242	2830	117	493	15
14	e.70	e1.4	e5.6	13	38	38	187	484	6600	99	506	14
15	e.60	e1.1	e13	12	33	33	163	397	4480	248	414	12
16	e.90	e1.2	e29	11	26	31	198	333	3100	564	291	25
17	e.80	e1.1	e14	11	21	28	233	175	2480	824	216	18
18	e.70	e1.2	63	15	17	42	219	94	2030	803	144	14
19	e.60	e1.1	67	15	17	114	181	54	1460	623	88	15
20	e.80	e1.0	14	13	20	139	141	36	761	487	57	17
21	e.70	e.90	33	15	21	189	117	29	310	361	68	207
22	e.60	e.80	54	19	24	212	162	22	151	200	39	72
23	e.70	e.80	49	28	40	184	346	18	112	114	43	25
24	e.90	e.70	34	82	40	138	390	16	103	481	27	41
25	e1.2	e.60	25	61	34	164	377	14	89	553	32	50
26	e1.6	e.60	17	86	29	147	306	15	81	218	44	81
27	e1.8	e.80	14	102	29	165	180	17	52	105	46	561
28	e1.9	e.90	10	81	33	222	113	19	55	181	39	524
29	e2.1	e.60	8.0	55	28	236	129	30	54	445	70	506
30	e2.2	e.80	9.1	42	---	204	155	29	55	312	167	588
31	e2.1	---	36	38	---	168	---	23	---	352	186	---
TOTAL	34.62	40.10	535.90	1153	916	2988	5847	3054	27867	8195	17130	4625
MEAN	1.12	1.34	17.3	37.2	31.6	96.4	195	98.5	929	264	553	154
MAX	2.2	2.4	67	102	40	236	390	484	6600	824	1910	588
MIN	.42	.60	.40	11	17	24	113	14	52	25	27	12
AC-FT	69	80	1060	2290	1820	5930	11600	6060	55270	16250	33980	9170
CFSM	.00	.00	.03	.06	.05	.16	.32	.16	1.54	.44	.91	.25
IN.	.00	.00	.03	.07	.06	.18	.36	.19	1.71	.50	1.05	.28

e Estimated

RED RIVER BASIN

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA--Continued

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

MEAN	105	268	756	913	1130	1133	1174	794	391	205	69.0	107
MAX	1569	1351	3223	3061	3187	3586	4646	3707	3262	2937	553	2533
(WY)	1985	1975	1974	1991	1975	1990	1991	1991	1974	1989	1996	1974
MIN	1.12	1.34	17.3	35.5	31.6	96.4	149	22.3	3.10	1.58	1.73	1.48
(WY)	1996	1996	1996	1981	1996	1996	1987	1988	1988	1964	1969	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1958 - 1996		
ANNUAL TOTAL	149686.02			72385.62					
ANNUAL MEAN	410			198			584		
HIGHEST ANNUAL MEAN							1551		
LOWEST ANNUAL MEAN							129		
HIGHEST DAILY MEAN	6100	Jan	21	6600	Jun	14	35000	Apr	28
LOWEST DAILY MEAN	.40	Dec	3	e.40	Dec	3	.00	Oct	10-14
ANNUAL SEVEN-DAY MINIMUM	.44	Sep	25	.61	Nov	29	.07	Oct	8
INSTANTANEOUS PEAK FLOW				7020	Jun	14	36400	Apr	28
INSTANTANEOUS PEAK STAGE				15.05	Jun	14	22.79	Apr	28
INSTANTANEOUS LOW FLOW				unknown			.00	Oct	10-14
INSTANTANEOUS LOW STAGE				4.09	Oct	11,12			
ANNUAL RUNOFF (AC-FT)	296900			143600			423100		
ANNUAL RUNOFF (CFSM)	.68			.33			.97		
ANNUAL RUNOFF (INCHES)	9.20			4.45			13.12		
10 PERCENT EXCEEDS	1190			430			1590		
50 PERCENT EXCEEDS	29			40			128		
90 PERCENT EXCEEDS	.80			1.1			2.8		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.09	4.47	4.82	4.94	5.06	4.84	6.67	6.82	5.97	5.35	11.30	8.33
2	4.16	4.59	4.75	5.17	5.09	4.79	6.45	6.76	9.88	5.12	11.93	8.69
3	4.16	4.57	4.60	5.35	5.05	4.79	6.53	6.64	8.23	4.91	12.11	8.58
4	4.16	4.58	4.59	5.46	5.03	4.88	6.62	6.21	8.12	4.78	12.61	7.93
5	4.13	4.61	4.63	5.39	5.02	5.01	6.57	5.70	7.83	4.90	12.72	7.09
6	4.11	4.64	4.68	5.22	5.02	5.01	6.90	5.34	6.93	4.94	12.58	6.45
7	4.11	4.69	4.72	5.06	5.09	5.23	7.01	5.09	6.28	4.80	12.31	5.94
8	4.12	4.71	4.88	5.01	5.11	5.26	7.51	4.86	6.09	4.76	11.85	5.62
9	4.12	4.70	4.98	4.94	5.09	5.41	7.86	4.67	5.99	5.36	10.90	5.38
10	4.12	4.70	4.78	4.89	5.12	5.66	7.72	4.60	6.14	8.12	9.35	5.08
11	4.10	4.72	4.71	4.81	5.12	5.61	7.23	5.95	8.18	8.21	9.07	4.87
12	4.10	4.76	4.65	4.70	5.14	5.39	6.74	6.60	10.14	7.26	9.49	4.75
13	4.11	4.78	4.45	4.60	5.12	5.23	7.12	7.59	12.42	6.31	9.54	4.73
14	4.13	4.74	4.48	4.50	5.12	5.13	7.18	9.49	14.93	6.06	9.62	4.68
15	4.13	4.72	4.69	4.45	5.02	5.02	6.91	8.94	14.29	7.72	9.05	4.63
16	4.15	4.73	5.03	4.43	4.84	4.97	7.29	8.47	13.64	9.88	8.14	4.97
17	4.15	4.75	4.58	4.42	4.72	4.90	7.64	7.03	13.22	10.83	7.47	4.80
18	4.15	4.77	5.38	4.55	4.63	5.18	7.50	6.01	12.84	10.76	6.70	4.68
19	4.15	4.78	5.57	4.57	4.62	6.29	7.12	5.43	12.17	10.17	6.01	4.72
20	4.16	4.77	4.50	4.50	4.70	6.62	6.65	5.08	10.56	9.50	5.62	4.77
21	4.16	4.78	5.00	4.55	4.71	7.20	6.33	4.92	8.25	8.68	5.75	7.29
22	4.16	4.77	5.44	4.66	4.79	7.44	6.86	4.73	6.76	7.30	5.32	5.77
23	4.17	4.77	5.36	4.88	5.16	7.15	8.57	4.66	6.25	6.28	5.38	4.97
24	4.18	4.77	5.05	5.85	5.16	6.61	8.90	4.60	6.11	9.30	5.02	5.28
25	4.20	4.77	4.81	5.55	5.04	6.92	8.81	4.54	5.91	9.79	5.14	5.52
26	4.25	4.78	4.62	5.91	4.92	6.72	8.26	4.57	5.79	7.44	5.40	5.87
27	4.31	4.79	4.52	6.13	4.92	6.94	7.09	4.62	5.35	6.14	5.45	9.89
28	4.38	4.81	4.40	5.84	5.02	7.53	6.27	4.66	5.40	7.03	5.31	9.72
29	4.41	4.78	4.30	5.45	4.91	7.66	6.47	4.93	5.39	9.25	5.77	9.62
30	4.43	4.81	4.35	5.21	---	7.36	6.82	4.91	5.39	8.29	6.95	10.04
31	4.43	---	5.07	5.13	---	6.97	---	4.75	---	8.43	7.14	---
MAX	4.43	4.81	5.57	6.13	5.16	7.66	8.90	9.49	14.93	10.83	12.72	10.04
MIN	4.09	4.47	4.30	4.42	4.62	4.79	6.27	4.54	5.35	4.76	5.02	4.63

RED RIVER BASIN

07349000 BAYOU DORCHEAT NEAR MINDEN, LA

LOCATION.--Lat 32°35'55", long 93°19'59", in NE 1/4 NW 1/4 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 mi².

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 sea level (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 ft³/s, 13.75 in/yr, 804,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,800 ft³/s, May 1, 1958, gage height, 24.90 ft; no flow at times in 1954, 1956, 1964, 1969, 1972, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,700 ft³/s, June 18, gage height, 16.00 ft.; minimum gage height 2.51 ft, Sep. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6.57	6.50	7.32	7.31	7.22	7.56	7.64	7.35	7.53	10.96	7.36
2	---	6.62	6.52	7.38	7.29	7.23	7.54	7.60	7.45	7.49	10.70	7.38
3	---	6.55	6.52	7.37	7.29	7.22	7.53	7.59	7.49	7.43	10.44	7.38
4	---	6.57	6.48	7.39	7.30	7.25	7.47	7.59	7.77	7.38	10.67	7.14
5	---	6.59	6.50	7.35	7.32	7.27	7.42	7.55	8.05	7.35	11.03	6.80
6	---	6.61	6.47	7.31	7.31	7.26	7.46	7.51	7.92	7.34	11.23	6.42
7	---	6.61	6.45	7.30	7.33	7.18	7.50	7.47	7.73	7.32	11.33	5.97
8	---	6.59	6.54	7.32	7.34	7.18	7.53	7.43	7.61	7.30	11.37	5.52
9	---	6.62	6.59	7.33	7.34	7.20	7.53	7.40	7.51	7.28	11.32	5.12
10	---	6.63	6.63	7.31	7.34	7.20	7.55	7.36	7.47	7.30	11.17	4.75
11	6.70	6.58	6.66	7.31	7.29	7.21	7.59	7.39	7.44	7.34	10.91	4.41
12	6.69	6.60	6.66	7.30	7.30	7.22	7.62	7.38	7.42	7.42	10.50	4.11
13	6.69	6.58	6.70	7.30	7.32	7.25	7.85	7.38	7.76	7.73	9.96	3.82
14	6.67	6.56	6.69	7.31	7.33	7.26	7.84	7.51	8.74	8.01	9.53	3.57
15	6.67	6.58	6.71	7.29	7.28	7.25	7.81	7.78	9.71	8.14	9.33	3.38
16	6.66	6.55	6.81	7.33	7.25	7.26	7.78	8.20	11.69	8.16	9.22	3.16
17	6.65	6.55	6.92	7.39	7.29	7.25	7.74	8.55	14.95	8.38	9.03	2.91
18	6.64	6.55	7.26	7.38	7.27	7.32	7.69	8.52	15.89	8.55	8.69	2.74
19	6.64	6.55	7.45	7.33	7.31	7.34	7.68	8.12	15.21	8.66	8.22	2.58
20	6.60	6.55	7.43	7.33	7.29	7.32	7.70	7.77	14.50	8.70	7.87	3.05
21	6.61	6.54	7.41	7.31	7.30	7.32	7.85	7.59	13.69	8.62	7.68	3.21
22	6.62	6.56	7.38	7.33	7.30	7.33	7.83	7.48	12.92	8.39	7.56	2.83
23	6.59	6.54	7.37	7.38	7.30	7.40	7.81	7.44	12.02	8.11	7.49	2.67
24	6.55	6.52	7.35	7.41	7.25	7.46	7.73	7.39	10.67	8.00	7.45	3.07
25	6.54	6.54	7.34	7.41	7.27	7.72	7.73	7.34	9.07	8.14	7.41	3.23
26	6.56	6.57	7.32	7.42	7.28	7.63	7.71	7.32	8.56	8.44	7.38	3.02
27	6.57	6.56	7.30	7.40	7.29	7.61	7.73	7.33	8.14	9.02	7.36	6.40
28	6.53	6.47	7.28	7.41	7.21	7.65	7.76	7.29	7.88	10.26	7.39	7.95
29	6.53	6.49	7.28	7.38	7.19	7.63	7.74	7.33	7.72	10.48	7.38	8.07
30	6.52	6.50	7.29	7.37	---	7.62	7.68	7.32	7.60	10.83	7.38	8.58
31	6.52	---	7.32	7.32	---	7.61	---	7.31	---	11.06	7.37	---
MAX	---	6.63	7.45	7.42	7.34	7.72	7.85	8.55	15.89	11.06	11.37	8.58
MIN	---	6.47	6.45	7.29	7.19	7.18	7.42	7.29	7.35	7.28	7.36	2.58

RED RIVER BASIN

07349250 LAKE BISTINEAU NEAR RINGGOLD, LA

LOCATION.--Lat 32°19'46", long 93°26'10", in SE 1/4 NW 1/4 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 mi².

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. Datum of gage is 130.00 ft above sea level (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. Gates were closed all year. 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, 12.38 ft, June 20; minimum 5.85 ft, Sep 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.51	10.32	10.28	11.13	11.14	11.01	11.22	11.23	11.14	11.26	12.04	11.12
2	10.52	10.41	10.27	11.16	11.17	11.00	11.19	11.23	11.24	11.22	12.33	11.11
3	10.61	10.45	10.28	11.13	11.12	11.00	11.16	11.21	11.21	11.19	12.29	10.97
4	10.61	10.39	10.30	11.11	11.09	10.97	11.19	11.19	11.20	11.16	12.13	10.34
5	10.57	10.38	10.30	11.14	11.05	10.97	11.25	11.19	11.21	11.13	11.99	9.90
6	10.56	10.36	10.32	11.16	11.07	11.02	11.20	11.19	11.24	11.11	11.90	9.48
7	10.54	10.39	10.31	11.13	11.06	11.08	11.16	11.17	11.26	11.09	11.84	9.14
8	10.53	10.40	10.36	11.08	11.07	11.03	11.17	11.15	11.25	11.07	11.82	8.88
9	10.51	10.34	10.50	11.07	11.09	10.99	11.18	11.13	11.21	11.07	11.81	8.58
10	10.51	10.35	10.45	11.08	11.08	10.99	11.17	11.12	11.17	11.09	11.80	8.28
11	10.51	10.41	10.42	11.08	11.12	10.98	11.14	11.17	11.16	11.08	11.77	7.99
12	10.50	10.35	10.42	11.07	11.08	10.97	11.18	11.17	11.15	11.09	11.75	7.71
13	10.49	10.37	10.39	11.06	11.06	10.96	11.28	11.15	11.33	11.29	11.72	7.45
14	10.51	10.37	10.43	11.05	11.06	10.97	11.31	11.14	11.57	11.45	11.67	7.20
15	10.46	10.34	10.49	11.07	11.09	11.01	11.35	11.14	11.60	11.50	11.61	6.94
16	10.45	10.35	10.65	11.04	11.09	11.04	11.29	11.19	11.65	11.49	11.57	6.74
17	10.44	10.34	10.71	11.01	11.03	11.05	11.26	11.25	11.76	11.47	11.54	6.57
18	10.44	10.34	10.98	11.09	11.04	11.10	11.24	11.30	12.00	11.47	11.51	6.37
19	10.42	10.34	11.15	11.09	11.03	11.11	11.21	11.31	12.20	11.46	11.47	6.18
20	10.44	10.34	11.21	11.07	11.04	11.09	11.27	11.29	12.36	11.45	11.42	6.18
21	10.38	10.35	11.20	11.07	11.04	11.07	11.38	11.28	12.30	11.43	11.35	6.42
22	10.34	10.31	11.18	11.06	11.05	11.07	11.43	11.23	12.19	11.42	11.30	6.33
23	10.35	10.33	11.15	11.05	11.05	11.04	11.44	11.17	12.09	11.40	11.25	6.17
24	10.37	10.33	11.12	11.14	11.06	11.06	11.36	11.14	11.98	11.40	11.21	6.09
25	10.35	10.30	11.11	11.13	11.03	11.25	11.27	11.12	11.84	11.48	11.17	5.99
26	10.31	10.26	11.10	11.14	11.03	11.29	11.31	11.08	11.73	11.49	11.14	5.87
27	10.32	10.29	11.10	11.14	11.04	11.26	11.27	11.04	11.61	11.49	11.13	6.25
28	10.34	10.34	11.09	11.11	11.09	11.23	11.20	11.05	11.50	11.59	11.16	6.77
29	10.32	10.30	11.07	11.13	11.06	11.23	11.31	11.10	11.39	11.67	11.16	7.09
30	10.31	10.28	11.07	11.14	---	11.24	11.27	11.14	11.32	11.72	11.16	7.25
31	10.31	---	11.09	11.15	---	11.25	---	11.11	---	11.75	11.15	---
MAX	10.61	10.45	11.21	11.16	11.17	11.29	11.44	11.31	12.36	11.75	12.33	11.12
MIN	10.31	10.26	10.27	11.01	11.03	10.96	11.14	11.04	11.14	11.07	11.13	5.87

RED RIVER BASIN

07349500 BODCAU BAYOU NEAR SAREPTA, LA

LOCATION.--Lat 32°54'18", long 93°28'58", in NE 1/4 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 mi².

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 sea level (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 ft³/s, May 2, 1958, gage height, 25.14 ft; minimum, 0.1 ft³/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 ft³/s, 433,300 acre-ft/yr.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,690 ft/s, June 15, gage height, 17.89 ft; minimum gage height, 2.25 ft, Oct. 17.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.31	5.08	2.81	5.51	3.14	2.71	3.55	5.95	5.39	4.73	8.32	4.28
2	2.37	5.07	2.79	5.59	3.20	2.69	3.47	5.61	9.83	4.35	9.57	4.11
3	2.56	4.60	2.78	5.53	3.19	2.67	3.39	4.65	9.61	3.98	10.56	3.92
4	2.53	3.79	2.77	5.36	3.11	2.65	3.32	3.82	8.58	3.62	10.81	3.99
5	2.44	3.38	2.76	5.05	3.05	2.64	3.64	3.33	6.99	3.47	12.64	4.31
6	2.36	3.04	2.73	4.82	3.11	2.68	4.66	3.07	5.42	3.20	13.48	4.63
7	2.31	2.89	2.72	4.72	3.29	2.96	4.84	2.93	4.72	2.94	13.30	4.80
8	2.28	2.87	2.91	4.64	3.38	3.78	4.65	2.85	4.62	2.82	12.71	4.75
9	2.29	2.87	3.28	4.60	3.34	3.59	4.35	3.81	4.61	3.67	12.20	4.55
10	2.31	2.89	3.33	4.51	3.23	3.17	4.11	5.36	4.57	6.61	11.83	4.33
11	2.31	2.88	3.07	4.44	3.12	2.97	3.87	6.05	5.21	7.42	11.52	4.11
12	2.31	2.83	2.90	4.40	3.01	2.87	3.69	6.79	6.39	6.35	11.68	3.82
13	2.32	2.84	2.79	4.37	2.93	2.82	4.53	7.34	11.90	5.25	12.08	3.59
14	2.32	2.89	2.74	4.34	2.84	2.82	5.41	8.32	16.23	4.55	11.86	3.34
15	2.31	2.88	2.82	4.30	2.79	2.82	5.08	9.06	17.73	5.28	11.23	3.08
16	2.28	2.86	3.22	4.26	2.75	2.83	4.53	9.30	17.47	8.12	10.28	2.99
17	2.26	2.84	3.15	4.25	2.71	2.80	4.16	8.98	16.59	9.66	9.06	3.15
18	2.30	2.83	4.23	4.29	2.70	3.12	3.91	7.67	15.76	10.03	7.78	2.99
19	3.71	2.85	5.27	4.32	2.69	4.02	3.75	5.57	14.91	9.58	6.78	2.89
20	4.96	2.85	5.69	3.94	2.67	4.58	3.68	4.20	14.02	8.58	6.14	3.05
21	5.27	2.85	5.58	3.23	2.65	4.46	3.68	3.67	13.10	7.55	5.70	3.89
22	5.35	2.86	5.29	2.97	2.64	3.97	3.82	3.51	12.29	6.77	5.35	5.03
23	5.33	2.88	5.10	3.11	2.64	3.57	4.67	3.43	11.51	6.55	4.95	4.87
24	5.28	2.88	5.00	4.33	2.62	3.45	5.26	3.35	10.54	7.96	4.58	4.36
25	5.26	2.86	4.92	4.69	2.59	4.19	4.83	3.29	9.28	9.23	4.24	4.26
26	5.27	2.85	4.85	4.41	2.57	4.04	4.29	3.33	8.06	8.28	3.93	4.57
27	5.27	2.84	4.79	3.87	2.59	3.95	3.94	3.21	6.78	6.93	3.69	6.97
28	5.24	2.84	4.73	3.48	2.69	3.83	3.80	3.14	5.98	6.80	3.50	8.37
29	5.20	2.81	4.68	3.29	2.71	3.75	4.05	3.25	5.55	7.03	3.49	8.46
30	5.14	2.80	4.66	3.16	---	3.78	5.12	3.29	5.19	6.67	4.00	8.27
31	5.08	---	5.22	3.15	---	3.68	---	3.28	---	6.29	4.39	---
MAX	5.35	5.08	5.69	5.59	3.38	4.58	5.41	9.30	17.73	10.03	13.48	8.46
MIN	2.26	2.80	2.72	2.97	2.57	2.64	3.32	2.85	4.57	2.82	3.49	2.89

RED RIVER BASIN

07349815 CYPRESS BAYOU LAKE NEAR BENTON, LA

LOCATION.--Lat 32°39'07", long 93°40'11", in NE 1/4 SW 1/4 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 mi²

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

GAGE.--Water-stage recorder. Datum of the gage is 170.00 ft above sea level (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 rest 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. Gates were closed all year.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.45 ft, June 15; minimum 7.96 ft, Dec. 7, and 8.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.52	8.18	8.01	8.70	9.20	9.27	9.56	9.56	9.48	9.70	9.97	9.54
2	8.52	8.24	8.00	8.77	9.24	9.27	9.55	9.58	9.68	9.67	10.00	9.54
3	8.55	8.23	8.01	8.79	9.23	9.27	9.54	9.58	9.78	9.64	10.04	9.53
4	8.54	8.19	8.01	8.80	9.22	9.25	9.56	9.57	9.92	9.61	10.09	9.53
5	8.51	8.17	8.00	8.84	9.20	9.25	9.61	9.57	10.01	9.58	10.11	9.52
6	8.49	8.16	8.00	8.87	9.22	9.29	9.63	9.56	9.98	9.56	10.04	9.51
7	8.47	8.20	7.98	8.86	9.23	9.31	9.64	9.56	9.92	9.54	9.94	9.50
8	8.45	8.20	8.02	8.84	9.25	9.28	9.68	9.54	9.82	9.53	9.85	9.49
9	8.43	8.17	8.09	8.85	9.27	9.28	9.68	9.53	9.75	9.56	9.79	9.48
10	8.42	8.17	8.06	8.85	9.29	9.28	9.66	9.52	9.70	9.62	9.77	9.46
11	8.42	8.19	8.04	8.86	9.31	9.28	9.64	9.58	9.70	9.62	9.77	9.44
12	8.40	8.15	8.03	8.86	9.30	9.28	9.64	9.57	9.67	9.65	9.80	9.43
13	8.39	8.15	8.03	8.85	9.30	9.27	9.66	9.57	9.97	10.10	9.84	9.40
14	8.39	8.15	8.05	8.85	9.30	9.28	9.65	9.59	10.58	10.15	9.87	9.38
15	8.35	8.13	8.08	8.86	9.31	9.29	9.66	9.58	11.36	9.98	9.87	9.37
16	8.34	8.12	8.13	8.86	9.31	9.30	9.63	9.59	11.19	9.86	9.82	9.42
17	8.33	8.11	8.15	8.84	9.28	9.31	9.62	9.58	10.81	9.80	9.77	9.42
18	8.32	8.11	8.35	8.93	9.28	9.36	9.62	9.57	10.53	9.75	9.72	9.40
19	8.30	8.11	8.42	8.89	9.28	9.38	9.60	9.55	10.32	9.71	9.69	9.39
20	8.30	8.10	8.48	8.88	9.29	9.39	9.61	9.54	10.18	9.67	9.66	9.46
21	8.25	8.10	8.54	8.89	9.28	9.42	9.59	9.53	10.08	9.63	9.64	9.63
22	8.23	8.08	8.56	8.89	9.29	9.44	9.62	9.52	10.01	9.60	9.61	9.61
23	8.22	8.08	8.56	8.95	9.29	9.44	9.65	9.50	9.93	9.60	9.60	9.57
24	8.22	8.07	8.56	9.05	9.29	9.46	9.61	9.48	9.86	9.70	9.58	9.62
25	8.20	8.06	8.56	9.07	9.28	9.53	9.58	9.47	9.80	9.81	9.57	9.61
26	8.19	8.04	8.56	9.12	9.28	9.52	9.59	9.44	9.76	9.86	9.55	9.62
27	8.19	8.05	8.56	9.14	9.29	9.52	9.56	9.41	9.74	9.92	9.55	9.80
28	8.20	8.05	8.55	9.14	9.31	9.54	9.53	9.41	9.73	9.95	9.55	9.81
29	8.18	8.02	8.55	9.16	9.29	9.55	9.61	9.42	9.72	9.92	9.55	9.83
30	8.16	8.01	8.56	9.18	---	9.56	9.57	9.41	9.72	9.92	9.56	9.84
31	8.16	---	8.66	9.19	---	9.58	---	9.38	---	9.96	9.55	---
MAX	8.55	8.24	8.66	9.19	9.31	9.58	9.68	9.59	11.36	10.15	10.11	9.84
MIN	8.16	8.01	7.98	8.70	9.20	9.25	9.53	9.38	9.48	9.53	9.55	9.37

RED RIVER BASIN

07349860 RED CHUTE BAYOU AT SLIGO, LA

LOCATION.--Lat 32°26'50", long 93°35'40", SW 1/4 NW 1/4 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 mi².

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 sea level. 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.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	107	5.1	107	136	30	104	142	119	1930	1090	809
2	20	125	4.9	124	136	30	101	171	182	1910	1580	742
3	23	118	5.5	129	131	36	92	165	213	1890	1970	672
4	17	100	7.5	139	121	39	73	134	237	1860	1660	606
5	14	92	6.5	154	110	37	80	123	290	1820	1420	540
6	13	89	6.0	182	98	32	101	169	369	1780	1290	477
7	12	87	5.4	188	89	30	109	267	449	1740	1230	414
8	11	95	8.6	178	83	29	119	239	510	1680	1200	353
9	12	102	15	158	86	26	124	188	552	1630	1180	295
10	12	88	12	162	93	25	134	174	575	1580	1190	234
11	12	96	14	141	98	24	145	159	586	1510	1190	194
12	11	86	12	132	107	18	159	127	580	1440	1190	179
13	11	78	9.6	141	114	17	179	107	700	2180	1200	176
14	9.2	64	9.5	132	112	21	189	110	796	2260	1210	177
15	7.5	39	14	124	103	33	195	134	891	2090	1220	176
16	9.5	20	33	111	90	36	196	171	1240	1850	1240	174
17	10	7.9	50	93	77	38	208	215	1530	1690	1250	174
18	9.0	11	203	108	65	46	220	254	1720	1490	1260	170
19	7.3	13	182	108	55	51	213	286	1820	1350	1260	140
20	5.9	10	154	108	49	47	195	319	1910	1230	1260	107
21	5.8	8.0	140	107	48	46	209	354	1920	1140	1250	214
22	5.5	4.4	126	105	48	37	189	378	1930	1090	1230	288
23	5.3	5.2	121	113	46	36	204	394	1950	1040	1200	242
24	5.0	4.9	100	149	41	37	185	394	1980	1010	1170	192
25	4.8	5.2	88	141	37	89	179	383	2000	1130	1130	167
26	4.6	5.4	94	156	36	64	175	362	2000	1020	1090	160
27	6.7	5.3	107	162	36	73	128	334	1990	994	1060	648
28	38	5.6	114	156	36	79	103	300	1980	994	1020	819
29	65	5.5	99	145	34	78	105	257	1960	1000	973	797
30	84	5.5	99	135	---	96	136	206	1950	1020	924	726
31	98	---	101	134	---	104	---	149	---	1000	869	---
TOTAL	570.1	1482.9	1946.6	4222	2315	1384	4549	7165	34929	46348	38006	11062
MEAN	18.4	49.4	62.8	136	79.8	44.6	152	231	1164	1495	1226	369
MAX	98	125	203	188	136	104	220	394	2000	2260	1970	819
MIN	4.6	4.4	4.9	93	34	17	73	107	119	994	869	107
AC-FT	1130	2940	3860	8370	4590	2750	9020	14210	69280	91930	75380	21940

RED RIVER BASIN

07349860 RED CHUTE BAYOU AT SLIGO, LA--Continued

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

MEAN	132	410	938	1371	1787	1888	1607	1169	973	747	290	119
MAX	724	2001	2119	2991	3127	3193	4362	4244	2567	3288	2130	419
(WY)	1985	1985	1992	1988	1983	1992	1991	1991	1989	1989	1989	1989
MIN	6.97	22.0	47.0	68.8	79.8	44.6	152	71.7	14.5	21.8	14.1	4.23
(WY)	1989	1981	1981	1981	1996	1996	1996	1982	1988	1988	1987	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1980 - 1996		
ANNUAL TOTAL	313487.9			153979.6			950		
ANNUAL MEAN	859			421			1814		
HIGHEST ANNUAL MEAN							206		
LOWEST ANNUAL MEAN							6630		
HIGHEST DAILY MEAN	3300	Mar	8	2260	Jul	14	2.8	Apr	15
LOWEST DAILY MEAN	4.4	Nov	22	4.4	Nov	22	2.2	Oct	5
ANNUAL SEVEN-DAY MINIMUM	5.1	Nov	22	5.1	Nov	22	2.8	Sep	30
INSTANTANEOUS PEAK FLOW				2900	Jul	13	6800	Apr	14
INSTANTANEOUS PEAK STAGE				30.44	Jul	13	38.26	Apr	14
INSTANTANEOUS LOW FLOW				4.1	Nov	22	not determined		
INSTANTANEOUS LOW STAGE				15.36	Oct	25-27	Nov	22	
ANNUAL RUNOFF (AC-FT)	621800				305400			688500	
10 PERCENT EXCEEDS	2490				1370			2540	
50 PERCENT EXCEEDS	118				135			431	
90 PERCENT EXCEEDS	7.7				11			21	

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.78	17.19	15.40	17.36	17.70	16.23	17.34	17.51	17.25	26.91	23.13	21.64
2	15.74	17.40	15.40	17.57	17.70	16.23	17.29	17.81	17.90	26.82	25.41	21.26
3	15.83	17.32	15.42	17.63	17.65	16.34	17.18	17.76	18.15	26.71	27.09	20.84
4	15.68	17.09	15.49	17.74	17.53	16.40	16.92	17.42	18.33	26.60	25.78	20.43
5	15.62	17.00	15.46	17.90	17.41	16.35	17.02	17.30	18.75	26.46	24.71	20.01
6	15.60	16.96	15.44	18.17	17.26	16.26	17.30	17.77	19.34	26.29	24.10	19.59
7	15.56	16.94	15.41	18.22	17.14	16.21	17.39	18.72	19.90	26.10	23.82	19.14
8	15.54	17.04	15.52	18.14	17.07	16.19	17.51	18.47	20.27	25.87	23.69	18.69
9	15.56	17.13	15.70	17.94	17.10	16.15	17.57	17.99	20.51	25.65	23.57	18.22
10	15.58	16.95	15.62	17.98	17.19	16.13	17.68	17.85	20.63	25.42	23.61	17.69
11	15.57	17.05	15.69	17.76	17.26	16.09	17.81	17.69	20.66	25.11	23.63	17.32
12	15.56	16.92	15.64	17.67	17.37	15.96	17.96	17.34	20.58	24.80	23.65	17.17
13	15.54	16.81	15.56	17.76	17.45	15.93	18.15	17.10	21.25	27.83	23.69	17.14
14	15.50	16.61	15.56	17.67	17.43	16.02	18.24	17.15	21.80	28.63	23.75	17.14
15	15.45	16.21	15.66	17.58	17.31	16.29	18.29	17.42	22.29	27.76	23.80	17.14
16	15.51	15.83	16.09	17.41	17.16	16.34	18.31	17.82	24.00	26.57	23.86	17.12
17	15.54	15.50	16.39	17.19	16.98	16.38	18.33	18.25	25.32	25.88	23.92	17.12
18	15.50	15.59	18.16	17.38	16.81	16.52	18.29	18.60	26.10	25.02	23.96	17.08
19	15.45	15.66	18.17	17.38	16.66	16.60	18.23	18.87	26.48	24.39	23.97	16.97
20	15.41	15.58	17.90	17.38	16.57	16.53	18.06	19.15	26.82	23.84	23.95	17.11
21	15.40	15.51	17.75	17.36	16.54	16.51	18.19	19.42	26.85	23.39	23.90	18.22
22	15.39	15.37	17.59	17.35	16.54	16.35	18.00	19.60	26.89	23.12	23.82	18.89
23	15.39	15.41	17.54	17.44	16.51	16.33	18.15	19.72	26.99	22.87	23.70	18.49
24	15.38	15.40	17.28	17.84	16.43	16.36	17.96	19.73	27.08	22.73	23.54	18.02
25	15.37	15.41	17.12	17.77	16.36	17.14	17.90	19.64	27.18	23.32	23.35	17.78
26	15.36	15.42	17.20	17.92	16.34	16.79	17.85	19.48	27.18	22.79	23.16	17.70
27	15.44	15.41	17.36	17.99	16.34	16.93	17.35	19.27	27.12	22.65	22.99	21.40
28	16.18	15.43	17.46	17.92	16.33	17.01	17.06	18.99	27.08	22.65	22.78	22.43
29	16.62	15.42	17.27	17.81	16.29	17.00	17.09	18.63	27.03	22.69	22.54	22.31
30	16.88	15.42	17.26	17.69	---	17.23	17.44	18.16	26.99	22.77	22.27	21.89
31	17.07	---	17.29	17.68	---	17.33	---	17.59	---	22.70	21.97	---
MAX	17.07	17.40	18.17	18.22	17.70	17.33	18.33	19.73	27.18	28.63	27.09	22.43
MIN	15.36	15.37	15.40	17.19	16.29	15.93	16.92	17.10	17.25	22.65	21.97	16.97

RED RIVER BASIN

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 mi².

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 been filtered through 0.45 micron filters.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (μS/CM) (00095)	PH	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN	OXYGEN	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	
			WATER WHOLE FIELD (STAND- ARD UNITS) (00400)					DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00310)	DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00340)			
OCT 1995												
30...	1155	1280	8.03	18.5	10	5.0	13.0	<10	--	K150	K4	
DEC 07...	1250	1110	7.88	15.0	20	3.0	--	18	--	--	K80	
JAN 1996												
30...	1135	863	7.68	10.5	15	18	--	25	--	270	K18	
FEB 28...	1045	1380	7.53	15.0	30	9.0	--	37	--	K40	K4	
MAR 26...	1045	1180	7.75	14.5	10	2.0	10.3	29	1.6	<5	<2	
APR 29...	1400	443	7.46	21.0	10	25	7.5	24	--	K180	K19	
MAY 30...	1000	351	7.27	28.0	40	15	5.6	20	1.3	K60	K8	
JUN 25...	1100	402	7.06	29.0	40	17	4.3	36	1.7	--	K9	
JUL 22...	1230	415	7.42	29.0	30	34	5.4	10	2.1	K10	K10	
AUG 27...	1145	369	7.33	29.0	50	25	4.4	23	1.7	--	K13	
SEP 25...	1135	1360	7.53	25.0	10	26	6.5	17	1.6	--	K14	
DATE		STREP- TOCOCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	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)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	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)
OCT 1995												
30...	120	320	87	24	140	5.6	140	200	210	0.3	774	
DEC 07...	K5	290	81	22	110	5.4	196	140	150	0.2	650	
JAN 1996												
30...	88	210	58	17	89	3.9	102	120	130	0.2	476	
FEB 28...	K30	300	81	23	170	7.2	162	220	210	0.2	838	
MAR 26...	K20	290	79	23	120	5.0	149	170	180	0.2	696	
APR 29...	110	100	30	7.1	42	2.7	67	57	57	0.1	270	
MAY 30...	K17	88	25	6.2	31	2.8	58	41	42	0.1	208	
JUN 25...	K36	98	26	8.0	40	3.4	62	48	57	0.1	266	
JUL 22...	<5	110	30	7.5	38	2.8	60	51	54	0.1	250	
AUG 27...	K2	73	--	--	30	3.0	70	43	40	0.2	222	
SEP 25...	K8	290	73	25	150	4.5	89	220	250	0.3	832	

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

07350500 RED RIVER AT COUSHATTA, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, SUM OF CONSTITUENTS, 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)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	NITRO- GEN, TOTAL (MG/L) AS N (00600)	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 1995										
30...	751	--	0.01	0.11	0.05	0.41	0.52	0.06	0.03	4.9
DEC										
07...	626	4	0.01	0.13	0.10	0.48	0.61	0.05	0.04	8.0
JAN 1996										
30...	479	30	--	--	--	--	--	--	--	6.2
FEB										
28...	809	17	0.02	0.19	0.18	0.83	1.0	0.08	0.06	12
MAR										
26...	667	14	<0.01	<0.02	0.03	0.58	0.58	0.06	0.01	9.3
APR										
29...	236	67	--	--	--	--	--	--	--	8.0
MAY										
30...	183	22	0.03	0.16	0.07	0.70	0.86	0.07	0.08	8.2
JUN										
25...	220	18	0.03	0.28	0.03	0.68	0.96	0.10	0.07	11
JUL										
22...	219	46	0.04	0.26	0.05	0.60	0.86	0.10	0.06	6.7
AUG										
27...	184	18	<0.01	<0.02	0.05	0.66	0.66	0.08	0.06	8.8
SEP										
25...	776	110	0.01	0.25	0.08	0.42	0.67	0.07	0.05	6.3

DATE	ARSENIC TOTAL (µG/L) AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L) AS BE) (01012)	CADMIUM TOTAL RECOV- ERABLE (µG/L) AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L) AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (µG/L) AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (µG/L) AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (µG/L) AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (µG/L) AS MN) (01055)
OCT 1995								
30...	1	<0.5	<1	<1	2	230	<1	44
JAN 1996								
30...	<1	<0.5	<1	<1	2	550	3	50
APR								
29...	2	0.6	<1	2	3	1700	2	150
JUL								
22...	2	<0.5	<1	1	5	1000	2	100

DATE	MERCURY TOTAL RECOV- ERABLE (µG/L) AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (µG/L) AS NI) (01067)	SELE- NIUM, TOTAL (µG/L) AS SE) (01092)	ZINC, TOTAL RECOV- ERABLE (µG/L) AS ZN) (00556)	CYANIDE TOTAL (MG/L) AS CN) (00720)	PHENOLS TOTAL (µG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995							
30...	0.1	2	<1	7	<0.02	--	1
JAN 1996							
30...	<0.1	<1	<1	20	<0.01	--	<1
APR							
29...	<0.1	4	<1	10	<0.01	1	<1
JUL							
22...	<0.1	4	<1	9	<0.01	<1	<1

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA

LOCATION.--Lat 32°18'00", long 93°49'40", in SW 1/4 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 mi².

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 sea level (levels by Corps of Engineers).

REMARKS.--No estimated daily discharges. Records fair above 50 ft³/s and poor below. Several measurements of water temperature were made during the year.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 3,000 ft³/s and maximum (*):

Date	Time	Discharge	Gage height	Date	Time	Discharge	Gage height
Aug 28	2300	(ft ³ /s)	(ft)	Sep 27	1500	(ft ³ /s)	(ft)
		*4,040	*10.97			3,660	10.89

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.01	5.7	6.1	9.5	e4.5	e3.5	9.2	14	3.5	1.7
2	1.5	.00	.03	26	6.8	9.4	e4.3	e3.0	15	13	3.2	.81
3	2.5	.00	.04	12	8.2	9.2	e4.0	e2.5	11	12	2.9	.60
4	1.0	.00	.04	3.0	7.5	9.5	e3.0	e2.0	8.5	12	2.4	.45
5	.00	.00	.06	1.0	6.7	9.0	e1.6	e1.6	8.0	12	2.0	.34
6	.00	.00	.13	.71	6.3	e9.4	e3.5	e1.8	8.8	12	1.8	.41
7	.00	.00	.16	.57	7.5	e11	e5.5	e2.0	9.7	12	1.6	.43
8	.00	.00	.32	.46	8.9	e9.2	e5.0	2.1	10	e11	1.5	.45
9	.00	.00	.68	.38	9.1	e8.6	e4.0	2.7	10	e10	1.3	.51
10	.00	.00	.67	.40	9.3	e8.5	e3.0	3.3	10	e9.0	1.2	.53
11	.00	.00	.39	.51	8.9	e8.0	e2.5	3.7	10	e8.0	1.0	.60
12	.00	.00	.36	.55	8.1	e7.0	e2.0	4.5	10	e7.0	.97	.65
13	.00	.00	.48	.53	7.9	e5.5	e5.0	5.5	11	e6.0	.92	.61
14	.00	.00	.55	.54	8.1	e4.0	e3.0	5.7	13	e5.5	.85	.56
15	.00	.00	.69	.70	9.0	e1.6	e12.0	5.9	15	4.9	.77	.54
16	.00	.00	2.7	.73	9.9	e.60	e25	6.5	15	4.5	.70	.50
17	.00	.00	37	.86	8.7	e.20	e12	7.1	13	4.7	.64	.45
18	.00	.00	483	1.1	8.2	e.30	e7.0	7.4	14	3.5	.60	.43
19	.00	.00	675	2.4	8.7	e.70	e6.0	7.6	17	2.9	.54	.44
20	.00	.00	89	3.4	9.6	e6.0	e5.0	7.5	15	2.5	.49	.53
21	.00	.00	4.8	3.2	9.6	e5.5	e4.0	7.8	16	2.2	.42	1.7
22	.00	.00	1.2	4.6	9.9	e4.5	e5.0	8.1	14	1.8	.32	2.5
23	.00	.00	.60	5.1	9.8	e3.0	e20	8.0	12	1.5	.25	.95
24	.00	.00	.91	160	10	e2.0	e70	8.0	12	1.6	.20	2.8
25	.00	.00	1.8	58	11	e7.0	e45	7.8	11	4.0	.11	24
26	.00	.00	3.5	20	10	e20	e25	7.9	14	7.2	.02	2.1
27	.00	.00	3.9	12	9.7	e50	e16	7.7	16	3.9	.09	1830
28	.00	.00	3.0	8.0	9.8	e25	e10	7.6	15	2.8	750	979
29	.00	.00	2.5	6.5	9.7	e16	e7.0	7.6	15	3.1	1830	321
30	.00	.00	3.0	6.4	---	e10	e5.0	7.5	14	4.5	203	14
31	.00	---	4.3	6.3	---	e5.0	---	7.4	---	4.1	9.9	---
TOTAL	5.00	0.00	1320.82	351.64	253.0	275.20	459.9	171.3	372.2	203.2	2823.19	3189.59
MEAN	.16	.000	42.6	11.3	8.72	8.88	15.3	5.53	12.4	6.55	91.1	106
MAX	2.5	.00	675	160	11	50	120	8.1	17	14	1830	1830
MIN	.00	.00	.01	.38	6.1	.20	1.6	1.6	8.0	1.5	.02	.34
AC-FT	9.9	.00	2620	697	502	546	912	340	738	403	5600	6330
CFSM	.00	.00	.65	.17	.13	.13	.23	.08	.19	.10	1.38	1.61
IN.	.00	.00	.74	.20	.14	.16	.26	.10	.21	.11	1.59	1.80

e Estimated.

RED RIVER BASIN
07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA--Continued

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

MEAN	28.2	51.8	102	151	189	125	111	115	57.0	17.2	21.3	4.29
MAX	370	437	534	649	452	325	563	517	436	196	454	106
(WY)	1950	1941	1941	1946	1990	1945	1991	1953	1986	1989	1955	1996
MIN	.000	.000	.000	3.26	5.73	4.57	5.19	1.84	.005	.000	.000	.000
(WY)	1940	1940	1957	1956	1943	1986	1943	1988	1988	1954	1943	1939

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	39821.85		9425.04			
ANNUAL MEAN	109		25.8		81.3	
HIGHEST ANNUAL MEAN					168	
LOWEST ANNUAL MEAN					3.59	
HIGHEST DAILY MEAN	9230	Apr 23	1830	Aug 29	11200	Aug 3 1955
LOWEST DAILY MEAN	.00	many days	.00	many days	.00	at times most years
ANNUAL SEVEN-DAY MINIMUM	.00	many days	.00	many days	.00	at times most years
INSTANTANEOUS PEAK FLOW			4040	Aug 28	23700	Aug 3 1955
INSTANTANEOUS PEAK STAGE			10.97	Aug 28	13.62	Aug 3 1955
INSTANTANEOUS LOW FLOW			.00	many days	No Flow	at times most years
ANNUAL RUNOFF (AC-FT)	78990		18690		58920	
ANNUAL RUNOFF (CFMS)	1.65		.39		1.23	
ANNUAL RUNOFF (INCHES)	22.45		5.31		16.74	
10 PERCENT EXCEEDS	140		14		110	
50 PERCENT EXCEEDS	1.8		3.5		4.7	
90 PERCENT EXCEEDS	.00		.00		.00	

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	2.00	2.30	2.64	1.97	2.18	---	---	2.67	2.67	2.22	2.33
2	2.54	2.07	2.30	3.41	2.02	2.17	---	---	2.95	2.64	2.20	2.11
3	3.02	2.06	2.31	2.96	2.11	2.16	---	---	2.75	2.60	2.18	2.00
4	2.70	2.04	2.31	2.40	2.07	2.18	---	---	2.61	2.58	2.15	1.92
5	2.16	2.05	2.33	2.14	2.01	---	---	---	2.58	2.59	2.12	1.86
6	2.06	2.05	2.36	1.99	1.99	---	---	---	2.62	2.59	2.11	1.89
7	2.10	2.06	2.38	1.91	2.06	---	---	---	2.66	2.57	2.09	1.91
8	2.15	2.08	2.46	1.85	2.14	---	---	---	2.68	---	2.08	1.92
9	2.17	2.09	2.66	1.81	2.16	---	---	2.37	2.68	---	2.07	1.95
10	2.17	2.10	2.66	1.82	2.17	---	---	2.43	2.67	---	2.06	1.96
11	2.16	2.13	2.50	1.88	2.14	---	---	2.46	2.65	---	2.06	2.00
12	2.15	2.13	2.49	1.90	2.10	---	---	2.51	2.64	---	2.05	2.02
13	2.16	2.14	2.55	1.89	2.09	---	---	2.59	2.69	---	2.04	2.00
14	2.17	2.14	2.59	1.90	2.10	---	---	2.60	2.77	---	2.01	1.98
15	2.16	2.14	2.67	1.99	2.15	---	---	2.60	2.83	---	1.99	1.97
16	2.16	2.13	3.01	2.00	2.20	---	---	2.63	2.84	2.06	1.96	1.95
17	2.15	2.12	3.71	2.07	2.14	---	---	2.67	2.74	2.09	1.95	1.92
18	2.15	2.13	7.78	2.16	2.11	---	---	2.68	2.80	2.00	1.94	1.91
19	2.14	2.14	8.90	2.34	2.13	---	---	2.68	2.89	1.96	1.92	1.91
20	2.12	2.15	4.24	2.45	2.19	---	---	2.67	2.81	1.93	1.91	1.96
21	2.11	2.16	2.55	2.43	2.19	---	---	2.68	2.84	1.91	1.89	2.30
22	2.09	2.18	2.15	2.55	2.20	---	---	2.69	2.75	1.88	1.85	2.42
23	2.08	2.20	1.93	2.59	2.20	---	---	2.67	2.67	1.84	1.82	2.17
24	2.06	2.21	2.10	5.10	2.22	---	---	2.67	2.64	1.88	1.81	2.38
25	2.05	2.22	2.28	3.55	2.24	---	---	2.65	2.61	2.15	1.78	3.41
26	2.04	2.24	2.46	2.63	2.22	---	---	2.65	2.73	2.40	1.74	2.29
27	2.03	2.26	2.49	2.31	2.19	---	---	2.63	2.80	2.17	1.78	9.53
28	2.01	2.26	2.41	2.10	2.20	---	---	2.62	2.76	2.09	5.40	9.71
29	1.99	2.27	2.35	2.00	2.19	---	---	2.61	2.74	2.13	10.09	6.38
30	1.98	2.29	2.41	1.99	---	---	---	2.59	2.70	2.27	5.42	3.03
31	1.98	---	2.53	1.99	---	---	---	2.58	---	2.25	2.93	---
MAX	3.02	2.29	8.90	5.10	2.24	---	---	---	2.95	---	10.09	9.71
MIN	1.98	2.00	1.93	1.81	1.97	---	---	---	2.58	---	1.74	1.86

RED RIVER BASIN

07351750 BAYOU PIERRE NEAR LAKE END, LA

LOCATION.--Lat 31°53'40", long 93°20'30", in E 1/2 sec.36, T.11 N., R.10 W., Natchitoches Parish, Hydrologic Unit 11140206, near left bank on downstream side of bridge on State Highway 174, 1/2 mi downstream from Jims River, and 2.9 mi southwest of Lake End.

DRAINAGE AREA.--860 mi².

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 sea level (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 07351750) used as auxiliary gage for this station at datum 83.61 ft above sea level.

REMARKS.--Estimated daily discharges. Indefinite stage-discharge relationship: November 11 to December 10, May 16 to July 6, July 12 to August 4, and August 31 to September 30. Records fair. Backwater from Red River. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--15 years, ft³/s, 739,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,700 ft³/s, May 18, 1989, gage height, 33.58 ft; maximum gage height, 33.63 ft, May 19, 1989; minimum daily discharge, 12 ft³/s, June 10, 11, 15, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,060 ft³/s, Aug. 31, gage height, 20.27 ft; minimum not determined.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e53	e24	e23	1500	e220	e105	e105	447	267	200	389	4670
2	e50	e23	e21	1520	e210	e98	e110	403	286	197	682	3190
3	e48	e22	e20	1110	e200	e95	e120	378	332	216	638	1970
4	e50	e22	e19	427	e210	e93	e150	337	419	214	552	1370
5	e70	e30	e21	371	e190	e115	e140	308	361	216	398	1040
6	e65	e29	e19	374	e200	e120	e130	278	302	208	361	858
7	e55	e26	e24	372	e180	e110	e120	232	258	217	346	689
8	e45	e23	e30	319	e170	e98	e110	218	267	209	322	510
9	e42	e22	e34	289	e160	e82	e105	211	255	215	293	439
10	e50	e20	e46	283	e155	e72	e104	216	265	191	280	416
11	e48	e25	e48	267	e160	e70	e102	222	254	183	316	376
12	e45	e24	e44	258	e155	e90	e96	219	246	194	372	364
13	e42	e22	e36	247	e160	e130	e100	227	225	909	295	316
14	e40	e21	e54	233	e154	e120	e115	224	285	2960	276	337
15	e38	e30	171	216	e140	e88	e140	250	e1100	3800	252	278
16	e36	e28	186	206	e130	e82	e170	270	e1200	3050	270	273
17	e34	e26	308	219	e120	e80	e160	275	e1150	2010	298	266
18	e32	e23	838	192	e115	e130	e140	275	e900	1400	296	251
19	e30	e22	1490	203	e110	e115	e165	284	e800	1000	280	265
20	e40	e21	1520	203	e105	e90	e230	287	e745	748	260	313
21	e38	e36	1450	208	e100	e100	318	276	e650	589	247	672
22	e34	e35	e1350	205	e95	e120	412	273	e550	473	229	845
23	e32	e31	e1200	207	e90	e115	666	237	478	387	217	779
24	e30	e29	e1000	247	e86	e106	681	229	381	482	211	601
25	e50	e27	e900	355	e84	e102	631	218	440	710	197	473
26	e46	e26	e825	390	e81	e105	525	215	568	994	197	596
27	e39	e28	e750	373	e105	e120	446	213	379	1070	196	929
28	e33	e27	e730	344	e96	e135	346	232	296	903	1930	2220
29	e29	e25	e700	299	e92	e140	399	250	243	681	4940	3090
30	e27	e24	e750	279	---	e125	450	232	208	505	5840	3270
31	e25	---	e900	e240	---	e110	---	246	---	410	5880	---
TOTAL	1296	771	15507	11956	4073	3261	7486	8182	14110	25541	27260	31666
MEAN	41.8	25.7	500	386	140	105	250	264	470	824	879	1056
MAX	70	36	1520	1520	220	140	681	447	1200	3800	5880	4670
MIN	25	20	19	192	81	70	96	211	208	183	196	251
AC-FT	2570	1530	30760	23710	8080	6470	14850	16230	27990	50660	54070	62810
CAL YR 1995	TOTAL 445065		MEAN 1219		MAX 10700		MIN 19		AC-FT 882800			
WTR YR 1996	TOTAL 151109		MEAN 413		MAX 5880		MIN 19		AC-FT 299700			

e Estimated

RED RIVER BASIN
07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued
GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.96	5.55	5.32	9.98	6.21	4.85	5.20	8.36	6.47	5.46	6.51	17.91
2	5.71	5.55	5.06	10.10	5.95	4.86	5.41	8.40	6.74	5.65	8.23	14.86
3	6.28	5.43	5.17	8.48	5.91	4.67	6.47	8.10	6.68	5.48	8.17	12.22
4	6.46	5.23	5.15	6.04	5.49	4.85	7.04	7.78	6.66	5.29	7.86	10.55
5	6.56	5.32	4.88	6.09	5.49	4.93	6.94	7.09	6.37	5.42	7.90	9.84
6	6.52	5.24	4.97	6.16	5.85	5.05	6.82	6.38	5.98	5.31	7.96	9.28
7	6.22	5.21	5.19	6.13	5.63	5.29	6.44	5.85	5.80	5.50	7.79	8.57
8	6.37	5.29	5.08	6.08	5.63	5.00	6.23	5.59	6.09	5.19	7.56	8.09
9	6.27	5.14	5.29	6.25	6.01	5.12	6.13	5.63	5.77	5.48	7.08	7.87
10	6.05	5.49	5.03	6.48	5.97	5.40	5.79	5.72	5.97	5.30	6.84	7.67
11	5.82	5.19	5.21	6.16	5.81	5.24	5.66	5.83	5.86	5.18	7.02	7.45
12	5.82	5.15	5.37	6.21	5.82	5.14	5.50	5.78	5.83	5.39	6.95	7.17
13	5.69	5.37	5.09	5.92	5.66	5.32	5.81	5.73	5.95	7.91	6.56	6.98
14	5.55	5.07	5.26	5.69	5.48	5.48	5.74	5.70	6.48	14.29	6.51	6.57
15	5.78	5.12	5.22	5.38	5.36	5.18	5.81	6.42	1.09	16.08	6.45	6.23
16	5.76	5.16	5.36	5.41	5.13	5.23	5.83	6.81	.00	14.54	7.08	6.28
17	5.54	5.24	5.63	5.53	5.37	5.31	5.74	6.83	.00	12.02	7.67	6.14
18	5.57	5.16	7.86	5.43	5.30	5.09	6.58	6.96	.00	10.50	7.84	5.84
19	5.30	5.25	10.04	5.50	5.48	4.96	7.32	7.14	.00	9.99	7.24	6.33
20	5.56	5.22	10.11	5.16	5.50	5.01	7.79	7.07	5.97	9.51	7.01	6.49
21	5.22	5.18	9.81	5.58	5.66	5.03	7.92	6.87	8.64	9.06	6.50	7.87
22	5.61	5.17	9.84	5.27	5.49	5.40	7.78	6.63	7.56	8.70	6.27	8.49
23	5.28	5.34	9.79	5.65	5.00	5.29	8.43	5.87	7.03	8.67	6.00	8.26
24	5.51	5.16	9.78	6.05	4.74	5.41	7.85	5.83	6.60	8.85	5.74	8.03
25	5.42	5.26	9.79	6.29	4.80	5.56	7.35	5.56	6.46	8.54	5.61	9.03
26	5.50	5.39	9.83	6.36	4.79	5.07	6.98	5.49	6.93	8.97	5.54	9.73
27	5.54	5.16	9.86	6.37	4.81	5.23	6.65	5.40	5.93	8.74	5.53	10.53
28	5.54	5.31	9.84	5.95	4.94	5.58	6.97	5.89	6.00	8.12	10.98	13.46
29	5.54	5.28	9.92	6.17	4.49	5.43	8.26	6.21	5.55	7.21	18.30	15.24
30	5.54	5.18	9.85	6.30	---	5.24	8.62	5.91	5.66	6.51	19.86	15.87
31	5.54	---	9.83	6.39	---	5.37	---	6.12	---	6.21	19.99	---
MAX	6.56	5.55	10.11	10.10	6.21	5.58	8.62	8.40	8.64	16.08	19.99	17.91
MIN	5.22	5.07	4.88	5.16	4.49	4.67	5.20	5.40	.00	5.18	5.53	5.84

RED RIVER BASIN

07351930 RED RIVER AT GRAND Ecore, LA

LOCATION.--Lat 31°49'05", long 93°05'05" in NE 1/4 sec.51, T. 10 N., R.7 W., Natchitoches Parish, Hydrologic Unit 1114027, at bridge on State Highway 6 at Grand Ecore, and 4.0 mi north of Natchitoches.

DRAINAGE AREA.--64,575 mi², of which 5,936 mi² above Denison Dam is noncontributing.

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN	OXYGEN	COLI-	COLI-
			WATER WHOLE FIELD (STANDARD UNITS) (00400)					DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00310)	DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00340)	FORM, TOTAL, IMMEDIATE (COLS. PER 100 ML) (31501)	FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
OCT 1995											
30... DEC	1315	1280	8.05	18.5	5	6.3	8.6	<10	--	K100	K4
07... JAN 1996	1415	1180	8.01	15.0	15	3.0	--	19	--	150	K80
30... FEB	1000	943	7.74	12.0	15	9.0	--	22	--	K600	K4
27... MAR	1445	1390	7.54	17.5	5	4.0	--	20	--	K28	K4
26... APR	1245	1180	7.72	13.5	10	5.0	10.6	27	1.6	K50	<2
29... MAY	1130	301	7.46	21.0	30	50	7.3	--	--	K130	K24
30... JUN	0845	308	7.29	27.0	40	25	6.2	22	1.0	27	K12
25... JUL	1240	454	7.05	29.0	40	12	4.9	33	1.6	--	K20
22... AUG	1345	508	7.54	31.0	30	34	6.1	<10	2.0	<10	K5
27... SEP	1240	399	7.38	29.5	40	26	5.0	23	1.8	--	K10
25...	1300	1590	7.53	25.5	5	18	7.1	23	2.0	--	K11
DATE	STREP-TOCOCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS Cl) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
OCT 1995											
30... DEC	K32	310	85	24	130	5.4	132	200	220	0.3	786
07... JAN 1996	<5	320	87	24	120	5.6	206	150	160	0.2	700
30... FEB	K27	240	65	19	97	4.1	118	130	150	0.2	598
27... MAR	K8	320	87	26	160	5.1	118	220	230	0.3	846
26... APR	K4	290	77	23	120	5.1	157	160	180	0.2	700
29... MAY	K42	76	22	5.0	25	2.4	54	31	31	0.1	172
30... JUN	K23	76	22	5.2	26	2.6	56	36	34	0.1	184
25... JUL	K10	110	28	9.0	48	3.6	59	59	70	0.1	304
22... AUG	<5	120	35	9.1	49	3.0	58	68	71	0.2	322
27... SEP	K10	61	--	--	24	2.3	100	49	47	0.2	236
25...	<2	340	86	30	190	4.9	95	260	300	0.2	976

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

RED RIVER BASIN
07351930 RED RIVER AT GRAND ECORE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, SUM OF CONSTITUENTS, 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)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	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 1995										
30...	744	--	0.01	0.11	0.05	0.40	0.51	0.05	0.03	4.9
DEC										
07...	670	4	0.01	0.14	0.07	0.40	0.54	0.04	0.04	8.7
JAN 1996										
30...	536	24	--	--	--	--	--	--	--	6.7
FEB										
27...	799	12	0.01	0.18	0.06	0.57	0.75	0.04	0.02	6.4
MAR										
26...	659	14	<0.01	<0.02	0.04	0.57	0.57	0.07	0.02	8.6
APR										
29...	149	58	0.03	0.41	0.02	0.57	0.98	0.12	0.12	7.7
MAY										
30...	159	25	0.01	0.26	0.05	0.57	0.83	0.08	--	8.6
JUN										
25...	253	19	0.03	0.17	0.05	0.68	0.85	0.09	0.06	9.5
JUL										
22...	270	50	0.04	0.22	0.05	0.63	0.85	0.11	0.07	6.9
AUG										
27...	204	27	0.02	0.29	0.02	0.56	0.85	0.10	0.11	8.7
SEP										
25...	928	43	<0.01	0.10	0.09	0.58	0.68	0.12	0.06	6.6

DATE	ARSENIC TOTAL (µG/L AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	CADMIUM TOTAL RECOV- ERABLE (µG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (µG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (µG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (µG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (µG/L AS MN) (01055)
OCT 1995								
30...	1	<0.5	<1	<1	2	220	<1	53
JAN 1996								
30...	<1	<0.5	<1	<1	3	490	2	67
APR								
29...	2	0.5	<1	2	3	2100	3	130
JUL								
22...	2	<0.5	<1	1	3	1200	2	120

DATE	MERCURY TOTAL RECOV- ERABLE (µG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (µG/L AS NI) (01067)	SELE- NIUM, TOTAL (µG/L AS SE) (01092)	ZINC, TOTAL RECOV- ERABLE (µG/L AS ZN) (00556)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (µG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995							
30...	0.1	2	<1	5	<0.02	5	1
JAN 1996							
30...	<0.1	2	<1	8	<0.01	<1	<1
APR							
29...	<0.1	4	<1	10	<0.01	1	<1
JUL							
22...	<0.1	3	<1	7	<0.01	<1	3

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07352000 SALINE BAYOU NEAR LUCKY, LA

LOCATION.--Lat 32°15'00", long 92°58'35", in SW 1/4 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 mi².

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 sea level. Prior to Feb. 28, 1949, nonrecording gage, Mar. 1, 1949 to Apr. 26, 1971, water-stage recorder, at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 1,000 ft³/s and maximum(*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep. 28	0700	*834	*6.75	No peaks above base			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	19	23	83	53	23	57	133	54	17	70	37
2	19	34	24	160	54	23	47	108	204	14	255	30
3	36	35	25	124	54	25	38	73	159	11	314	24
4	51	25	25	92	50	25	33	51	111	8.5	264	22
5	35	20	24	79	47	24	32	38	52	7.5	175	41
6	22	22	23	86	49	25	65	32	25	8.0	104	31
7	17	24	22	81	50	25	72	28	17	8.7	60	20
8	15	23	27	67	50	21	61	23	15	7.4	38	15
9	14	20	62	57	48	19	52	19	18	7.1	29	13
10	14	18	64	52	47	19	40	17	16	58	36	12
11	14	18	46	48	45	19	33	23	18	186	54	13
12	13	19	31	45	40	19	33	31	15	180	55	12
13	14	20	26	42	36	20	116	28	15	125	42	11
14	15	20	26	40	33	22	162	40	44	111	30	10
15	14	20	27	38	32	23	297	35	147	88	24	10
16	14	20	138	37	30	23	276	26	208	74	21	11
17	13	19	190	38	28	21	175	20	192	49	18	9.8
18	13	20	300	55	27	24	112	17	112	39	15	9.5
19	13	20	471	65	29	44	81	14	76	34	14	9.3
20	13	21	379	57	30	54	66	12	171	30	12	30
21	13	22	294	55	29	38	57	10	255	28	11	113
22	13	21	188	55	29	32	83	9.1	272	23	10	155
23	13	21	95	56	30	29	232	8.4	171	19	10	85
24	12	21	66	194	28	26	254	9.1	73	49	10	33
25	11	21	54	331	25	45	240	7.7	47	66	9.6	20
26	11	22	48	240	25	116	175	6.7	43	91	9.0	17
27	12	23	43	138	25	208	101	6.3	35	73	11	289
28	16	23	40	88	27	134	68	6.1	43	51	230	760
29	15	22	37	69	24	73	99	8.6	35	33	236	518
30	14	22	37	62	---	59	142	25	23	22	122	314
31	14	---	49	56	---	57	---	30	---	21	60	---
TOTAL	519	655	2904	2690	1074	1315	3299	895.0	2666	1539.2	2348.6	2674.6
MEAN	16.7	21.8	93.7	86.8	37.0	42.4	110	28.9	88.9	49.7	75.8	89.2
MAX	51	35	471	331	54	208	297	133	272	186	314	760
MIN	11	18	22	37	24	19	32	6.1	15	7.1	9.0	9.3
AC-FT	1030	1300	5760	5340	2130	2610	6540	1780	5290	3050	4660	5310
CFSM	.11	.14	.61	.56	.24	.28	.71	.19	.58	.32	.49	.58
IN.	.13	.16	.70	.65	.26	.32	.80	.22	.64	.37	.57	.65

RED RIVER BASIN

07352000 SALINE BAYOU NEAR LUCKY, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 1996, BY WATER YEAR (WY)

MEAN	44.7	123	207	306	335	295	263	258	120	66.6	33.3	41.8
MAX	310	713	971	1116	925	724	999	1122	652	1010	177	280
(WY)	1946	1958	1983	1945	1983	1995	1991	1953	1959	1989	1955	1958
MIN	5.73	11.9	25.0	29.5	36.9	42.4	27.3	14.3	12.0	5.60	4.76	4.45
(WY)	1968	1944	1944	1967	1981	1996	1978	1988	1985	1966	1954	1982

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1941 - 1996		
ANNUAL TOTAL	91784.7			22579.4					
ANNUAL MEAN	251			61.7			173		
HIGHEST ANNUAL MEAN							371		
LOWEST ANNUAL MEAN							34.7		
HIGHEST DAILY MEAN	9730	Apr	23	760	Sep	28	11100	Jan	1 1945
LOWEST DAILY MEAN	8.7	Sep	12	6.1	May	28	2.6	Aug	14 1954
ANNUAL SEVEN-DAY MINIMUM	9.0	Sep	8	7.6	May	23	2.9	Aug	11 1954
INSTANTANEOUS PEAK FLOW				834	Sep	28	13500	Jan	1 1945
INSTANTANEOUS PEAK STAGE				6.75	Sep	28	12.90	Jan	1 1945
INSTANTANEOUS LOW FLOW				4.8	Aug	26	2.4	Aug	14 1954
INSTANTANEOUS LOW STAGE				2.19	Aug	26	1.66	Aug	7,8 1964
ANNUAL RUNOFF (AC-FT)	182100			44790			125700		
ANNUAL RUNOFF (CFSM)	1.63			.40			1.13		
ANNUAL RUNOFF (INCHES)	22.17			5.45			15.31		
10 PERCENT EXCEEDS	478			165			428		
50 PERCENT EXCEEDS	48			31			62		
90 PERCENT EXCEEDS	13			12			11		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.75	3.05	3.18	4.22	3.83	3.18	3.91	4.65	3.47	2.92	3.75	3.19
2	2.83	3.44	3.22	4.99	3.86	3.19	3.72	4.39	5.22	2.80	5.49	3.01
3	3.24	3.48	3.24	4.68	3.86	3.23	3.55	3.96	4.87	2.69	5.76	2.88
4	3.56	3.24	3.24	4.38	3.78	3.24	3.43	3.60	4.41	2.60	5.57	2.83
5	3.23	3.11	3.22	4.21	3.73	3.22	3.41	3.35	3.60	2.55	4.99	3.27
6	2.92	3.16	3.20	4.31	3.75	3.24	4.02	3.22	3.06	2.57	4.31	3.04
7	2.79	3.21	3.17	4.25	3.79	3.25	4.13	3.12	2.83	2.60	3.66	2.77
8	2.73	3.18	3.29	4.06	3.78	3.14	3.97	3.00	2.78	2.54	3.21	2.62
9	2.70	3.11	3.98	3.90	3.74	3.10	3.82	2.90	2.86	2.53	3.01	2.56
10	2.68	3.06	4.01	3.82	3.73	3.08	3.59	2.83	2.81	3.54	3.15	2.54
11	2.68	3.07	3.69	3.74	3.69	3.08	3.43	2.98	2.86	5.09	3.54	2.54
12	2.67	3.08	3.38	3.69	3.57	3.09	3.42	3.19	2.78	5.04	3.56	2.51
13	2.69	3.11	3.28	3.63	3.49	3.11	4.60	3.13	2.78	4.57	3.29	2.47
14	2.71	3.11	3.27	3.57	3.44	3.16	4.96	3.39	3.43	4.41	3.03	2.46
15	2.71	3.10	3.29	3.54	3.41	3.20	5.70	3.28	4.75	4.15	2.88	2.45
16	2.69	3.10	4.76	3.52	3.36	3.18	5.61	3.07	5.24	3.95	2.79	2.46
17	2.67	3.09	5.18	3.54	3.31	3.13	5.00	2.93	5.13	3.51	2.70	2.43
18	2.66	3.10	5.66	3.86	3.30	3.21	4.42	2.83	4.42	3.32	2.64	2.42
19	2.66	3.11	6.15	4.03	3.34	3.66	4.06	2.73	4.00	3.21	2.57	2.41
20	2.65	3.15	5.93	3.91	3.35	3.86	3.84	2.66	4.95	3.12	2.52	2.96
21	2.65	3.16	5.69	3.87	3.34	3.53	3.70	2.59	5.53	3.07	2.48	4.38
22	2.64	3.15	5.15	3.86	3.35	3.41	4.04	2.55	5.61	2.96	2.46	4.84
23	2.65	3.15	4.39	3.87	3.36	3.35	5.38	2.52	4.95	2.84	2.45	4.07
24	2.65	3.14	4.04	5.19	3.31	3.28	5.52	2.55	3.99	3.51	2.44	3.19
25	2.64	3.14	3.85	5.81	3.24	3.67	5.44	2.49	3.60	3.80	2.42	2.88
26	2.65	3.16	3.74	5.46	3.23	4.57	4.99	2.45	3.53	4.18	2.39	2.79
27	2.71	3.19	3.65	4.80	3.25	5.30	4.30	2.43	3.35	3.92	2.46	5.31
28	2.86	3.18	3.58	4.33	3.30	4.76	3.88	2.41	3.53	3.56	4.89	6.64
29	2.88	3.17	3.51	4.09	3.23	4.13	4.24	2.52	3.35	3.19	5.39	6.24
30	2.85	3.17	3.52	3.98	---	3.94	4.73	3.05	3.07	2.93	4.50	5.72
31	2.88	---	3.77	3.88	---	3.91	---	3.18	---	2.89	3.65	---
MAX	3.56	3.48	6.15	5.81	3.86	5.30	5.70	4.65	5.61	5.09	5.76	---
MIN	2.64	3.05	3.17	3.52	3.23	3.08	3.41	2.41	2.78	2.53	2.39	---

RED RIVER BASIN

07352800 GRAND BAYOU NEAR COUSHATTA, LA

LOCATION.--Lat 32°02'55", long 93°18'10", in SW 1/4 SW 1/4 sec.4, T.12 N., R.9 W., Red River Parish, Hydrologic Unit 11140209, near right bank on downstream side of bridge on State Highway 155, 0.5 mi upstream from Carroll Creek, and 3.3 mi north of Coushatta.

DRAINAGE AREA.--93.9 mi².

PERIOD OF RECORD.--October 1956 to September 1977. June 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 136.26 ft above sea level.

REMARKS.--No estimated daily discharges. Records fair below 100 ft³/s and good above.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug. 1	1230	*5,850	*10.85	No other Peaks above base			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.03	.01	e5.0	2.1	1.3	e.09	e.20	.10	1.4	2150	13
2	.01	.06	.02	e48	1.9	1.1	e.07	e.12	29	.78	3170	7.6
3	.19	.05	.01	e20	1.7	e1.0	e.05	e.09	74	.59	2820	5.9
4	.03	.04	.01	12	1.6	e1.2	e.04	e.07	23	.43	1560	5.1
5	.00	.05	e.02	7.0	1.5	e.90	e.03	e.05	11	.28	950	4.7
6	.00	.04	e.04	6.1	1.5	e1.2	e.07	e.30	4.0	.23	573	4.4
7	.00	.03	e.08	4.4	1.4	e2.0	e7.0	e1.6	1.6	.19	117	4.2
8	.00	.03	e.16	4.1	1.5	e1.4	e5.0	e5.0	1.2	.16	15	4.0
9	.00	.03	e.18	3.8	1.8	e1.2	e3.0	e10	.95	.30	9.5	3.8
10	.00	.04	e.18	2.8	1.5	e1.0	e2.0	e20	.74	.92	8.2	3.7
11	.00	.04	e.16	2.0	1.4	e.70	e1.6	e12	.47	.59	83	3.5
12	.00	.04	e.14	2.2	1.5	e.60	e1.2	e5.0	.35	.39	59	3.3
13	.00	.03	e.16	2.2	1.5	e.50	e3.0	e3.0	.29	2.3	20	3.3
14	.00	.03	e.20	2.0	1.3	e.45	e20	1.7	.32	14	11	3.1
15	.00	.02	e.30	2.0	1.7	e.40	e200	1.1	.28	56	7.7	3.1
16	.00	.00	e10	2.2	1.5	e.30	e40	.83	1.8	37	6.0	2.7
17	.00	.00	e200	2.4	1.5	e.10	e7.0	.66	7.4	15	5.1	2.6
18	.00	.00	e1200	2.7	1.3	e.30	e2.0	.54	4.6	5.1	4.6	2.5
19	.00	.00	e2000	2.3	1.5	e1.0	e.90	.41	3.0	2.4	4.3	2.4
20	.00	.00	e300	1.9	1.3	e9.0	e.40	.33	43	1.4	4.0	14
21	.00	.00	e7.0	2.3	1.6	e2.0	e.20	.24	220	.86	3.9	195
22	.00	.00	e.30	2.2	1.6	e.70	e.12	.17	236	.40	3.6	219
23	.00	.00	e.20	2.3	1.6	e.25	e.30	.11	59	.39	3.4	70
24	.00	.00	e.50	2.4	1.7	e.07	e110	.09	12	.94	3.3	16
25	.00	.00	e1.0	2.3	1.6	e1.4	e50	.08	6.0	1.4	3.2	9.4
26	.00	.00	e1.8	2.2	1.5	e20	e20	.08	20	2.2	3.0	7.4
27	.00	.00	e2.3	2.3	1.6	e100	e7.0	.05	40	1.1	3.0	27
28	.00	.00	e1.7	2.3	1.6	e14	e3.0	.03	14	1.6	8.6	342
29	.00	.01	e1.4	2.1	1.5	e7.0	e1.0	.02	5.6	.90	88	497
30	.01	.01	e1.6	3.1	---	e2.0	e.50	.02	2.8	.51	93	589
31	.01	---	e2.0	3.0	---	e1.0	---	.02	---	.56	35	---
TOTAL	0.25	0.58	3731.47	161.6	45.3	174.07	485.57	63.91	822.50	150.32	11825.4	2068.7
MEAN	.008	.019	120	5.21	1.56	5.62	16.2	2.06	27.4	4.85	381	69.0
MAX	.19	.06	2000	48	2.1	100	200	20	236	56	3170	589
MIN	.00	.00	.01	1.9	1.3	.07	.03	.02	.10	.16	3.0	2.4
AC-FT	.5	1.2	7400	321	90	345	963	127	1630	298	23460	4100
CFSM	.00	.00	1.28	.06	.02	.06	.17	.02	.29	.05	4.06	.73
IN.	.00	.00	1.48	.06	.02	.07	.19	.03	.33	.06	4.68	.82

e Estimated

RED RIVER BASIN

07352800 GRAND BAYOU NEAR COUSHATTA, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 1996, BY WATER YEAR (WY)

MEAN	7.48	51.7	137	181	223	183	174	142	85.7	36.9	15.6	26.7
MAX	121	513	820	834	818	667	952	787	560	602	381	485
(WY)	1995	1958	1962	1974	1983	1995	1995	1989	1989	1989	1996	1958
MIN	.000	.010	.050	.061	1.22	3.31	3.98	.39	.001	.000	.000	.000
(WY)	1963	1968	1981	1981	1981	1967	1981	1963	1988	1966	1990	1983

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1957 - 1996

ANNUAL TOTAL	74380.29	19529.67	
ANNUAL MEAN	204	53.4	105
HIGHEST ANNUAL MEAN			272
LOWEST ANNUAL MEAN			3.96
HIGHEST DAILY MEAN	12500	Apr 23	3170
LOWEST DAILY MEAN	.00	many days	.00
ANNUAL SEVEN-DAY MINIMUM	.00	many days	.00
INSTANTANEOUS PEAK FLOW			5850
INSTANTANEOUS PEAK STAGE			10.85
INSTANTANEOUS LOW FLOW			.00
ANNUAL RUNOFF (AC-FT)	147500	38740	75920
ANNUAL RUNOFF (CFSM)	2.17	.57	1.12
ANNUAL RUNOFF (INCHES)	29.47	7.74	15.16
10 PERCENT EXCEEDS	408	31	284
50 PERCENT EXCEEDS	.84	1.5	5.0
90 PERCENT EXCEEDS	.00	.00	.00

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.77	.81	.79	---	1.69	1.63	---	---	1.22	1.54	6.94	2.69
2	.78	.85	.80	---	1.68	1.60	---	---	2.42	1.44	9.78	2.44
3	.94	.84	.79	---	1.67	---	---	---	3.81	1.40	9.59	2.33
4	.83	.83	.79	2.27	1.66	---	---	---	2.72	1.37	8.79	2.27
5	.80	.84	---	2.05	1.66	---	---	---	2.22	1.33	8.24	2.24
6	.79	.83	---	2.01	1.67	---	---	---	1.80	1.31	7.51	2.22
7	.78	.82	---	1.88	1.66	---	---	---	1.56	1.30	4.32	2.20
8	.78	.81	---	1.87	1.66	---	---	---	1.50	1.29	2.81	2.19
9	.78	.82	---	1.84	1.71	---	---	---	1.47	1.32	2.54	2.17
10	.78	.82	---	1.74	1.66	---	---	---	1.43	1.47	2.46	2.16
11	.78	.83	---	1.67	1.65	---	---	---	1.38	1.40	4.07	2.15
12	.78	.83	---	1.69	1.66	---	---	---	1.35	1.36	3.77	2.13
13	.79	.82	---	1.68	1.66	---	---	---	1.33	1.63	3.00	2.12
14	.79	.82	---	1.67	1.64	---	---	1.58	1.34	2.35	2.64	2.11
15	.78	.80	---	1.67	1.69	---	---	1.50	1.33	3.52	2.44	2.11
16	.77	.77	---	1.69	1.67	---	---	1.45	1.49	3.15	2.33	2.07
17	.76	.76	---	1.71	1.66	---	---	1.42	2.04	2.41	2.27	2.06
18	.76	.76	---	1.74	1.64	---	---	1.39	1.85	1.89	2.24	2.05
19	.77	.76	---	1.70	1.66	---	---	1.36	1.72	1.65	2.21	2.03
20	.78	.77	---	1.66	1.64	---	---	1.34	3.04	1.54	2.19	2.61
21	.76	.78	---	1.70	1.68	---	---	1.31	5.46	1.46	2.18	5.04
22	.76	.76	---	1.69	1.67	---	---	1.29	5.62	1.36	2.16	5.45
23	.76	.76	---	1.70	1.68	---	---	1.26	3.47	1.35	2.14	3.89
24	.74	.77	---	1.71	1.70	---	---	1.25	2.29	1.47	2.13	2.82
25	.73	.78	---	1.70	1.68	---	---	1.24	1.95	1.54	2.11	2.53
26	.74	.78	---	1.69	1.67	---	---	1.23	2.53	1.64	2.10	2.42
27	.77	.78	---	1.70	1.68	---	---	1.20	3.21	1.49	2.09	2.94
28	.78	.78	---	1.70	1.68	---	---	1.18	2.37	1.56	2.44	6.53
29	.77	.79	---	1.68	1.66	---	---	1.17	1.93	1.46	4.11	7.33
30	.78	.79	---	1.77	---	---	---	1.16	1.70	1.39	4.23	7.61
31	.79	---	---	1.78	---	---	---	1.17	---	1.40	3.35	---
MAX	.94	.85	---	---	1.71	---	---	---	5.62	3.52	9.78	7.61
MIN	.73	.76	---	---	1.64	---	---	---	1.22	1.29	2.09	2.03

RED RIVER BASIN

07352895 BLACK LAKE BAYOU NEAR CLARENCE, LA

LOCATION.--Lat 31°52'24", long 92°58'00", in NW 1/4 SE 1/4 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 mi² (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 sea level. Prior to Oct. 1, 1980, at datum 6.00 ft higher.

REMARKS.--Drainage area does not include 412 mi² 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.

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, 10.75 ft, Aug. 5; minimum 8.29 ft, Mar. 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.75	8.68	8.81	9.47	9.15	8.69	8.81	9.58	8.75	9.65	9.77	9.45
2	8.75	8.74	8.81	9.51	9.18	8.66	8.84	9.58	8.86	9.60	10.49	9.43
3	8.86	8.78	8.83	9.45	9.16	8.63	8.88	9.58	8.88	9.57	10.66	9.40
4	8.87	8.75	8.83	9.42	9.13	8.58	8.95	9.56	8.93	9.53	10.72	9.37
5	8.86	8.76	8.83	9.44	9.09	8.56	9.01	9.53	8.99	9.49	10.74	9.33
6	8.86	8.78	8.84	9.53	9.10	8.58	9.08	9.48	9.07	9.45	10.67	9.30
7	8.83	8.81	8.84	9.52	9.08	8.59	9.08	9.43	9.17	9.41	10.54	9.27
8	8.82	8.80	8.84	9.47	9.08	8.51	9.11	9.38	9.25	9.36	10.39	9.24
9	8.81	8.78	8.90	9.46	9.07	8.44	9.12	9.32	9.25	9.35	10.23	9.23
10	8.80	8.78	8.87	9.45	9.07	8.41	9.13	9.27	9.24	9.37	10.10	9.20
11	8.80	8.86	8.86	9.44	9.07	8.37	9.14	9.31	9.22	9.33	9.99	9.18
12	8.79	8.80	8.86	9.38	9.04	8.34	9.16	9.30	9.21	9.30	9.91	9.16
13	8.79	8.80	8.88	9.32	9.01	8.31	9.24	9.23	9.21	9.35	9.87	9.14
14	8.80	8.81	8.91	9.26	8.99	8.33	9.29	9.18	9.20	9.38	9.79	9.11
15	8.77	8.80	8.93	9.23	9.00	8.35	9.38	9.12	9.19	9.43	9.70	9.09
16	8.76	8.80	8.98	9.19	8.99	8.36	9.34	9.07	9.18	9.44	9.62	9.10
17	8.75	8.80	9.07	9.14	8.92	8.37	9.34	9.03	9.18	9.44	9.54	9.08
18	8.74	8.80	9.32	9.22	8.90	8.44	9.37	8.99	9.22	9.44	9.48	9.05
19	8.73	8.80	9.44	9.12	8.89	8.46	9.39	8.95	9.29	9.45	9.43	9.04
20	8.76	8.83	9.42	9.07	8.86	8.44	9.42	8.90	9.53	9.45	9.39	9.13
21	8.70	8.84	9.42	9.06	8.84	8.41	9.42	8.87	9.62	9.45	9.34	9.40
22	8.67	8.82	9.44	9.04	8.83	8.42	9.48	8.82	9.70	9.43	9.30	9.49
23	8.68	8.83	9.45	9.04	8.81	8.41	9.58	8.76	9.80	9.43	9.27	9.50
24	8.68	8.84	9.47	9.09	8.78	8.42	9.54	8.71	9.87	9.46	9.25	9.51
25	8.65	8.82	9.50	9.06	8.75	8.53	9.52	8.70	9.90	9.48	9.22	9.50
26	8.64	8.81	9.51	9.10	8.73	8.55	9.53	8.68	9.90	9.45	9.19	9.47
27	8.65	8.84	9.52	9.10	8.73	8.59	9.51	8.67	9.85	9.43	9.19	9.56
28	8.65	8.84	9.52	9.10	8.78	8.63	9.51	8.67	9.79	9.41	9.37	9.57
29	8.62	8.82	9.51	9.14	8.73	8.67	9.60	8.70	9.74	9.38	9.46	9.56
30	8.63	8.81	9.48	9.16	---	8.71	9.60	8.71	9.69	9.38	9.46	9.60
31	8.63	---	9.47	9.16	---	8.80	---	8.71	---	9.40	9.46	---
MAX	8.87	8.86	9.52	9.53	9.18	8.80	9.60	9.58	9.90	9.65	10.74	9.60
MIN	8.62	8.68	8.81	9.04	8.73	8.31	8.81	8.67	8.75	9.30	9.19	9.04

RED RIVER BASIN

07353520 NANTACHIE LAKE NEAR ALOHA, LA

LOCATION.--Lat 31°37'00", long 92°47'04", in SE 1/4 NW 1/4 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 mi².

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 sea level (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. Gages were closed all year. Reservoir is used for recreation.

AVERAGE DISCHARGE.--9 years (water years 1970-72, 1974-79), 72.6 ft³/s, 52,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,200 ft³/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, 3.47 ft, Apr. 24; minimum, 2.18 ft, Oct. 29, and 30.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.36	2.23	2.24	3.00	3.07	3.00	3.06	3.14	2.88	3.06	2.80	2.43
2	2.36	2.29	2.24	3.04	3.12	3.00	3.04	3.12	2.96	3.05	2.73	2.43
3	2.47	2.33	2.24	3.04	3.10	3.00	3.03	3.10	3.01	3.04	2.67	2.45
4	2.48	2.30	2.25	3.03	3.09	2.98	3.03	3.08	3.02	3.02	2.59	2.44
5	2.46	2.31	2.25	3.05	3.07	2.99	3.04	3.06	3.02	3.02	2.53	2.43
6	2.45	2.31	2.27	3.20	3.06	3.01	3.08	3.05	3.01	3.00	2.51	2.34
7	2.42	2.33	2.27	3.23	3.06	3.08	3.07	3.04	3.00	2.99	2.46	2.31
8	2.41	2.33	2.27	3.19	3.07	3.05	3.07	3.02	3.00	2.98	2.42	2.36
9	2.39	2.31	2.36	3.16	3.07	3.02	3.06	3.01	2.98	2.97	2.38	2.36
10	2.39	2.30	2.34	3.14	3.07	3.01	3.02	3.00	2.96	2.96	2.37	2.37
11	2.38	2.34	2.32	3.13	3.07	3.01	2.89	3.06	2.95	2.96	2.43	2.33
12	2.37	2.31	2.32	3.11	3.06	3.01	2.76	3.12	2.93	2.96	2.44	2.32
13	2.36	2.30	2.32	3.09	3.04	3.00	2.79	3.11	2.92	2.97	2.41	2.34
14	2.36	2.30	2.33	3.08	3.04	3.00	2.79	3.09	2.94	2.98	2.42	2.34
15	2.34	2.29	2.33	3.07	3.04	3.01	3.09	3.07	2.98	2.98	2.37	2.30
16	2.32	2.29	2.35	3.07	3.04	3.02	3.10	3.05	3.02	2.98	2.35	2.35
17	2.31	2.28	2.41	3.05	3.01	3.02	3.01	3.04	3.02	3.03	2.38	2.36
18	2.30	2.28	2.66	3.10	3.01	3.05	2.91	3.02	3.03	3.06	2.44	2.33
19	2.29	2.28	2.86	3.06	3.01	3.04	2.82	3.00	3.07	3.08	2.46	2.33
20	2.30	2.29	2.91	3.04	3.02	3.01	2.73	2.99	3.22	3.06	2.39	2.46
21	2.26	2.29	2.92	3.05	3.02	2.99	2.64	2.98	3.21	3.04	2.38	2.57
22	2.24	2.28	2.93	3.04	3.02	2.98	2.64	2.97	3.17	3.02	2.37	2.57
23	2.23	2.28	2.93	3.05	3.02	2.96	3.35	2.95	3.13	3.01	2.38	2.52
24	2.23	2.28	2.93	3.09	3.02	2.96	3.46	2.93	3.11	3.01	2.36	2.51
25	2.21	2.27	2.93	3.07	3.02	3.00	3.45	2.91	3.12	3.06	2.31	2.51
26	2.20	2.26	2.93	3.09	3.02	3.02	3.38	2.89	3.18	3.14	2.31	2.50
27	2.19	2.26	2.93	3.11	3.02	3.02	3.29	2.87	3.17	3.12	2.29	2.54
28	2.20	2.27	2.93	3.08	3.04	3.03	3.23	2.86	3.14	3.10	2.41	2.61
29	2.18	2.26	2.92	3.08	3.02	3.03	3.22	2.87	3.10	3.07	2.49	2.62
30	2.19	2.25	2.93	3.08	---	3.07	3.18	2.89	3.08	3.03	2.47	2.62
31	2.19	---	2.97	3.07	---	3.08	---	2.87	---	2.92	2.45	---
MAX	2.48	2.34	2.97	3.23	3.12	3.08	3.46	3.14	3.22	3.14	2.80	2.62
MIN	2.18	2.23	2.24	3.00	3.01	2.96	2.64	2.86	2.88	2.92	2.29	2.30

RED RIVER BASIN

07354100 KISATCHIE BAYOU AT LOTUS, LA

LOCATION.--Lat 31°29'04", long 93°08'19", NW 1/4 SE 1/4 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 mi².

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 sea level (levels by Corps of Engineers). Prior to January 1956 at datum 1.24 ft higher.

REMARKS.--Records good.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11,200 ft³/s, Apr. 23, gage height, 17.04 ft; minimum gage height not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.10	4.67	4.31	5.33	5.12	4.59	4.80	6.05	4.48	4.22	---	---
2	4.13	5.19	4.33	5.31	5.34	4.55	4.64	5.81	4.73	4.19	---	---
3	4.90	5.07	4.35	5.17	5.63	4.52	4.55	5.63	4.74	4.16	---	---
4	5.61	4.79	4.35	5.01	5.38	4.48	4.51	5.49	4.53	4.14	---	---
5	4.86	4.66	4.35	4.95	5.08	4.47	4.50	5.37	4.42	4.13	---	---
6	4.51	4.54	4.37	10.49	5.13	4.52	5.55	5.27	4.37	4.11	---	---
7	4.32	4.50	4.42	8.33	5.14	4.72	6.11	5.18	4.34	4.10	---	---
8	4.23	4.46	4.49	6.56	5.35	4.91	5.35	5.10	4.33	4.09	---	---
9	4.17	4.40	5.27	5.96	5.08	4.68	4.96	5.02	4.31	4.09	---	---
10	4.15	4.34	5.40	5.67	5.00	4.56	4.74	4.96	4.28	4.09	---	---
11	4.14	4.38	4.87	5.48	4.95	4.52	4.62	5.09	4.26	4.11	---	---
12	4.12	4.38	4.65	5.33	4.85	4.50	4.57	5.80	4.24	4.09	---	---
13	4.12	4.47	4.57	5.20	4.77	4.49	6.35	5.32	4.27	4.19	---	---
14	4.13	4.45	4.52	5.11	4.74	4.49	7.27	5.07	4.30	4.42	---	---
15	4.12	4.36	4.50	5.05	4.74	4.49	12.66	4.94	4.30	4.79	---	---
16	4.10	4.31	4.47	5.00	4.70	4.48	7.85	4.85	4.69	4.51	---	---
17	4.09	4.28	5.01	4.96	4.65	4.50	6.43	4.78	5.61	4.38	---	---
18	4.09	4.27	11.68	5.00	4.63	5.00	5.89	4.72	4.97	4.58	---	---
19	4.08	4.27	10.46	5.09	4.65	5.13	5.60	4.68	4.98	4.50	---	---
20	4.07	4.40	7.01	5.12	4.65	4.81	5.37	4.64	6.04	4.32	---	---
21	4.07	4.67	6.04	4.99	4.64	4.60	5.17	4.60	7.19	4.22	---	---
22	4.06	4.56	5.63	4.95	4.60	4.51	8.08	4.57	5.64	4.13	---	---
23	4.06	4.47	5.37	4.95	4.59	4.47	16.76	4.53	5.10	4.08	---	---
24	4.06	4.40	5.20	5.33	4.57	4.45	10.67	4.50	4.85	4.12	---	---
25	4.06	4.35	5.08	5.91	4.53	4.54	8.11	4.47	4.63	4.39	---	---
26	4.06	4.32	5.00	5.53	4.52	4.67	7.24	4.44	4.56	6.07	---	---
27	4.07	4.34	4.95	6.78	4.53	5.24	6.68	4.42	4.65	7.92	---	---
28	4.09	4.33	4.90	5.69	4.55	5.26	6.34	4.40	4.46	5.87	---	---
29	4.10	4.32	4.85	5.34	4.65	4.94	6.20	4.40	4.34	---	---	---
30	4.15	4.31	4.83	5.22	---	4.93	6.25	4.45	4.27	---	---	---
31	4.29	---	4.99	5.13	---	4.95	---	4.50	---	---	---	---
MAX	5.61	5.19	11.68	10.49	5.63	5.26	16.76	6.05	7.19	---	---	---
MIN	4.06	4.27	4.31	4.95	4.52	4.45	4.50	4.40	4.24	---	---	---

RED RIVER BASIN

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 mi², of which 5,936 mi² 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.--Discharge data will be entered into the water-quality file when made available by the Army Corps of Engineers. Water-quality samples are non-integrated on all dates except Apr. 30 and May 29. All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

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 °C Aug. 2, 8, 10, 1956; minimum daily, 0.0 °C 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 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (μS/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, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)
OCT 1995										
30...	1525	1250	8.03	20.0	10	3.8	4.6	--	<10	730
DEC										
13...	0850	1210	7.86	12.5	10	4.0	--	--	19	1200
JAN 1996										
31...	1045	792	7.83	9.0	15	8.2	--	--	28	600
FEB										
27...	1145	1010	7.41	16.0	5	3.0	--	--	19	K57
MAR										
27...	1100	1210	7.82	16.5	20	4.0	9.8	1.2	--	820
APR										
30...	1125	349	7.00	22.0	15	40	7.4	--	120	390
MAY										
29...	1020	465	7.42	26.0	30	28	5.6	>5.6	22	K20
JUN										
25...	1450	387	7.01	29.0	50	27	3.1	0.6	36	--
JUL										
22...	1545	827	7.39	29.0	20	8.0	6.5	2.0	10	<10
AUG										
27...	1430	494	7.40	30.0	30	13	5.6	1.6	16	--
SEP										
25...	1500	1460	7.56	26.0	20	8.0	6.2	0.8	21	--

< Actual value is known to be less than the value shown.

> Actual value is known to be greater than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

RED RIVER BASIN
07355500 RED RIVER AT ALEXANDRIA, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET MG/L AS CACO3 (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)
OCT 1995										
30...	46	K64	310	83	24	130	5.2	125	200	210
DEC										
13...	150	K47	--	--	--	--	--	176	160	180
JAN 1996										
31...	K31	220	190	52	15	84	3.8	91	110	120
FEB										
27...	K10	K16	240	64	19	110	4.0	102	150	160
MAR										
27...	<2	120	280	75	22	140	6.2	146	180	180
APR										
30...	K16	K31	--	--	--	--	--	59	--	--
MAY										
29...	K10	K9	120	33	8.4	42	3.2	70	58	57
JUN										
25...	40	K2	91	24	7.6	39	3.6	57	49	50
JUL										
22...	K5	<5	200	53	17	87	3.9	89	120	130
AUG										
27...	K16	K30	94	--	7.1	41	3.0	69	65	66
SEP										
25...	K9	<2	320	81	28	160	4.7	95	240	260

DATE	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)
OCT 1995									
30...	0.3	742	727	--	0.01	--	0.08	--	0.06
DEC									
13...	0.2	714	--	6	0.01	--	0.19	--	0.07
JAN 1996									
31...	0.2	492	440	18	--	--	--	--	--
FEB									
27...	0.2	604	568	7	0.01	--	0.07	--	0.11
MAR									
27...	0.2	718	691	13	0.01	--	0.14	--	0.10
APR									
30...	--	--	--	56	--	0.03	0.23	0.23	--
MAY									
29...	0.1	274	250	25	--	<0.01	0.32	0.32	--
JUN									
25...	0.1	232	208	16	0.01	--	0.32	--	0.01
JUL									
22...	0.2	512	464	15	0.01	--	0.10	--	0.30
AUG									
27...	0.2	282	250	13	<0.01	--	0.26	--	0.02
SEP									
25...	0.2	900	831	16	0.01	--	0.14	--	0.06

K Results based on colony count outside the acceptable range (non-ideal colony count).
< Actual value is known to be less than the value shown.

RED RIVER BASIN
07355500 RED RIVER AT ALEXANDRIA, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDEED TOTAL (MG/L AS C) (00689)
OCT 1995									
30...	--	0.39	0.05	--	0.02	--	4.5	--	--
DEC									
13...	--	0.41	0.07	--	0.04	--	5.1	--	--
JAN 1996									
31...	--	--	--	--	--	--	7.0	--	--
FEB									
27...	--	0.61	0.04	--	0.02	--	--	--	--
MAR									
27...	--	0.67	0.07	--	0.04	--	--	--	--
APR									
30...	0.03	0.50	0.08	0.04	--	0.03	8.3	--	2.4
MAY									
29...	0.02	0.50	0.09	0.03	--	0.04	7.3	5.9	0.9
JUN									
25...	--	0.58	0.13	--	0.10	--	9.4	--	--
JUL									
22...	--	0.52	0.08	--	0.04	--	7.1	--	--
AUG									
27...	--	0.50	0.08	--	0.08	--	7.5	--	--
SEP									
25...	--	0.36	0.06	--	0.05	--	4.6	--	--

DATE	ALUM- INUM, DIS- SOLVED (µG/L AS AL) (01106)	ARSENIC TOTAL (µg/L AS AS) (01002)	BARIUM, DIS- SOLVED (µg/L AS BA) (01005)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	CADMIUM TOTAL RECOV- ERABLE (µG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L AS CR) (01034)	COBALT, DIS- SOLVED (µG/L AS CO) (01035)	COPPER, TOTAL RECOV- ERABLE (µG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (µG/L AS FE) (01045)
OCT 1995									
30...	--	1	--	<0.5	<1	<1	--	2	200
JAN 1996									
31...	--	<1	--	<0.5	<1	<1	--	4	510
APR									
30...	--	2	--	0.6	<1	3	--	4	2200
MAY									
29...	<5	--	78	--	--	--	<3	--	--
JUL									
22...	--	2	--	<0.5	<1	<1	--	3	310

< Actual value is known to be less than the value shown.

RED RIVER BASIN
07355500 RED RIVER AT ALEXANDRIA, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	IRON, DIS- SOLVED (μG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (μG/L AS PB) (01051)	LITHIUM DIS- SOLVED (μG/L AS LI) (01130)	MANGA- NESE, TOTAL RECOV- ERABLE (μG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (μG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (μG/L AS HG) (71900)	MOLYB- DENUM, DIS- SOLVED (μG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (μG/L AS NI) (01067)	NICKEL, DIS- SOLVED (μG/L AS NI) (01065)
OCT 1995									
30...	--	1	--	41	--	0.1	--	2	--
JAN 1996									
31...	--	2	--	55	--	<0.1	--	3	--
APR									
30...	--	3	--	150	--	<0.1	--	4	--
MAY									
29...	6	--	5	--	3	--	<10	--	1
JUL									
22...	--	1	--	69	--	<0.1	--	3	--

DATE	SELE- NIUM, TOTAL (μG/L AS SE) (01147)	SELE- NIUM, DIS- SOLVED (μG/L AS SE) (01145)	SILVER, DIS- SOLVED (μG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (μG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (μG/L AS V) (01085)	ZINC, TOTAL RECOV- ERABLE (μG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (μG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995									
30...	<1	--	--	--	--	8	<0.02	--	1
JAN 1996									
31...	<1	--	--	--	--	10	<0.01	<1	<1
APR									
30...	<1	--	--	--	--	20	<0.01	3	27
MAY									
29...	--	<1	<1	280	<6	--	--	--	--
JUL									
22...	<1	--	--	--	--	9	<0.01	<1	2

DATE	PROP- CHLOR, WATER, DISS, REC (μG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (μG/L) (04028)	SI- MAZINE, WATER, DISS, REC (μG/L) (04035)	PRO- METON, WATER, DISS, REC (μG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (μG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (μG/L) (04041)	FONOFOS WATER DISS REC (μG/L) (04095)	ALPHA BHC DIS- SOLVED (μG/L) (34253)	PP' DDE DISSOLV (μG/L) (34653)	CHLOR- PYRIFOS TOTAL RECOVER (μG/L) (38932)	CHLOR- PYRIFOS DIS- SOLVED (μG/L) (38933)	DI- SYSTON TOTAL (μG/L) (39011)
OCT 1995												
30...	--	--	--	--	--	--	--	--	--	<0.01	--	--
FEB												
27...	--	--	--	--	--	--	--	--	--	<0.01	--	<0.01
APR												
30...	<0.007	<0.002	0.016	E0.004	E0.020	<0.004	<0.003	<0.002	<0.006	--	<0.004	--
MAY												
29...	<0.007	<0.002	0.010	<0.018	E0.024	0.020	<0.003	<0.002	<0.006	--	<0.004	--
JUN												
25...	--	--	--	--	--	--	--	--	--	<0.01	--	<0.01
AUG												
27...	--	--	--	--	--	--	--	--	--	<0.01	--	<0.01

< Actual value is known to be less than the value shown.
E Estimated.

RED RIVER BASIN
07355500 RED RIVER AT ALEXANDRIA, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PHORATE TOTAL (μG/L) (39023)	PER- THANE TOTAL (μG/L) (39034)	DEF TOTAL (μG/L) (39040)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (μG/L) (39250)	ALDRIN, TOTAL (μG/L) (39330)	LINDANE TOTAL (μG/L) (39340)	LINDANE DIS- SOLVED (μG/L) (39341)	CHLOR- DANE, TOTAL (μG/L) (39350)	DDD, TOTAL (μG/L) (39360)	DDE, TOTAL (μG/L) (39365)	DDT, TOTAL (μG/L) (39370)	DI- ELDRIN TOTAL (μG/L) (39380)
OCT 1995												
30... FEB	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	--	<0.1	<0.01	<0.01	<0.01	<0.01
27... APR	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	--	<0.1	<0.01	<0.01	<0.01	<0.01
30... MAY	--	--	--	--	--	--	<0.004	--	--	--	--	--
29... JUN	--	--	--	--	--	--	<0.004	--	--	--	--	--
25... AUG	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	--	<0.1	<0.01	<0.01	<0.01	<0.01
27...	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	--	<0.1	<0.01	<0.01	<0.01	<0.01
DATE	DI- ELDRIN DIS- SOLVED (μG/L) (39381)	ENDO- SULFAN, TOTAL (μG/L) (39388)	ENDRIN WATER REC (μG/L) (39390)	ETHION, TOTAL (μG/L) (39398)	TOX- APHENE, TOTAL (μG/L) (39400)	HEPTA- CHLOR, TOTAL (μG/L) (39410)	METO- LACHLOR WATER DISSOLV (μG/L) (39415)	HEPTA- CHLOR EPOXIDE TOTAL (μG/L) (39420)	METH- OXY- CHLOR, TOTAL (μG/L) (39480)	PCB, TOTAL (μG/L) (39516)	MALA- THION, TOTAL (μG/L) (39530)	
OCT 1995												
30... FEB	--	<0.01	--	<0.01	<1	<0.01	--	<0.01	<0.01	<0.1	<0.01	
27... APR	--	<0.01	<0.01	<0.01	<1	<0.01	--	<0.01	<0.01	<0.1	<0.01	
30... MAY	<0.001	--	--	--	--	--	0.07	--	--	--	--	
29... JUN	<0.001	--	--	--	--	--	0.20	--	--	--	--	
25... AUG	--	<0.01	<0.01	<0.01	<1	<0.01	--	<0.01	<0.01	<0.1	<0.01	
27...	--	<0.01	<0.01	<0.01	<1	<0.01	--	<0.01	<0.01	<0.1	<0.01	
DATE	MALA- THION, DIS- SOLVED (μG/L) (39532)	PARA- THION, TOTAL (μG/L) (39540)	PARA- THION, DIS- SOLVED (μG/L) (39542)	DI- AZINON, TOTAL (μG/L) (39570)	DI- AZINON, DIS- SOLVED (μG/L) (39572)	METHYL PARA- THION, TOTAL (μG/L) (39600)	ATRA- ZINE, WATER, DISS, REC (μG/L) (39632)	2,4-D, TOTAL (μG/L) (39730)	2,4,5-T TOTAL (μG/L) (39740)	MIREX, TOTAL (μG/L) (39755)	SILVEX, TOTAL (μG/L) (39760)	
OCT 1995												
30... FEB	--	<0.01	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	
27... APR	--	<0.01	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	
30... MAY	<0.004	--	<0.004	--	<0.002	--	0.92	<0.01	<0.01	--	<0.01	
29... JUN	<0.004	--	<0.004	--	<0.002	--	1.9	--	--	--	--	
25... AUG	--	<0.01	--	<0.01	--	<0.01	--	0.04	<0.01	<0.01	<0.01	
27...	--	<0.01	--	<0.01	--	<0.01	--	0.03	<0.01	<0.01	<0.01	

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TOTAL TRI- THION (µG/L) (39786)	ALA- CHLOR, WATER, DISS, REC, (µG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (µG/L) (49260)	2, 4-DP TOTAL (µG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (µG/L) (82614)	METRI- BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (µG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (µG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (µG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (µG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (µG/L) (82665)
OCT 1995											
30...	<0.01	--	--	<0.01	<0.01	--	--	--	--	--	--
FEB											
27...	<0.01	--	--	<0.01	<0.01	--	--	--	--	--	--
APR											
30...	--	0.010	<0.002	<0.01	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007
MAY											
29...	--	0.008	<0.002	--	--	0.010	<0.003	<0.002	<0.004	<0.002	<0.007
JUN											
25...	<0.01	--	--	<0.01	<0.01	--	--	--	--	--	--
AUG											
27...	<0.01	--	--	<0.01	<0.01	--	--	--	--	--	--
DATE	LIN- URON WATER FLTRD 0.7 U GF, REC (µG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (µG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (µG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (µG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (µG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (µG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (µG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (µG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (µG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (µG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (µG/L) (82676)
APR 1996											
30...	<0.002	<0.006	<0.002	<0.004	0.100	<0.004	<0.003	<0.002	E0.016	<0.013	<0.003
MAY											
29...	<0.002	<0.006	<0.002	<0.004	0.027	<0.004	<0.003	<0.002	E0.012	<0.013	<0.003
DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (µG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (µG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (µG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (µG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (µG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (µG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (µG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (µG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (µG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (µG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (µG/L) (82687)
APR 1996											
30...	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
MAY											
29...	<0.017	<0.001	<0.004	E0.009	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005

< Actual value is known to be less than the value shown.
E Estimated.

RED RIVER BASIN

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 33°01'52", long 92°05'16", in SE 1/4 NE 1/4 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 mi².

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 sea level (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder 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.--Estimated daily discharges. Indefinite stage-discharge relationship: May 27 to June 5. Records fair. 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.04 ft, May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 ft³/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, 21.11 ft, May. 17; minimum daily discharge, 847 ft³/s, Oct. 20.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1120	1140	1590	1580	e1610	2610	16400	16200	5490	1750	4670	2570
2	1600	1080	1650	1700	e1650	3310	16500	15500	5190	1900	8380	2480
3	1620	966	1610	1730	e1690	3390	15800	12700	4700	2140	10700	1930
4	1620	1910	1480	1790	e1690	2240	15300	10900	6240	2370	13300	1850
5	1640	1760	1500	1670	e1730	2740	13200	9640	6070	2770	15700	1990
6	1350	2440	1400	1630	e1750	3870	12400	7760	6240	2500	16900	1730
7	1440	2710	1390	1600	e1550	3580	10800	5480	5460	1660	17600	2020
8	1170	2560	1490	2740	e1640	1910	9400	6330	5830	2000	17200	1740
9	1360	2470	1420	3370	e1760	3240	7840	11800	6890	2160	15400	1980
10	1190	2360	1500	e3540	e1650	3430	5920	15300	7730	3240	12500	1950
11	1040	2610	1550	e5470	e1720	3490	5150	18000	6140	2040	9280	1790
12	1150	2440	1550	e3380	e1460	3430	4090	---	4860	1770	6660	1810
13	1060	2340	1620	e2680	e2650	2660	5470	---	4180	2470	4800	1780
14	1060	1660	1560	e1470	e1340	2620	6060	---	3730	3050	3250	1830
15	1010	1560	1490	e1910	e1480	2630	10200	---	3530	2900	2600	1870
16	1060	1930	1430	e2030	e1880	2540	13700	---	3310	3210	2220	1930
17	1050	1790	1510	e1170	e1320	2470	15200	---	2950	4180	2720	1730
18	1010	2040	1730	e1630	e1310	3380	14500	---	2840	4060	2810	1640
19	1250	2140	1800	e1760	e3250	2450	13300	---	2580	3610	2940	2050
20	963	2120	1750	e1780	e2130	2840	12700	---	4810	2910	2250	2120
21	1190	1590	1770	e1800	e3550	4620	13500	---	3920	2800	1960	2620
22	1230	1680	1710	e2750	e7020	4240	14600	17500	4040	2480	2610	2660
23	1190	1670	1690	e1840	e5480	3790	16800	16500	4730	2620	2430	2620
24	1120	1850	1660	e3180	5010	3060	17500	15100	3810	2940	2030	2260
25	1190	1570	1640	e1660	4990	8490	---	13200	2330	2840	2850	1820
26	1350	1680	1630	e1490	3710	9310	---	12200	1910	3410	2930	1920
27	1260	1670	1580	e1670	3650	11700	---	9850	2380	2560	2080	5760
28	1170	1730	1550	e1990	4210	13900	---	6740	2030	2820	2310	8570
29	1140	1560	1610	e2890	3250	14600	---	4670	2310	3200	3110	10900
30	1140	1630	1620	e1690	---	14500	16900	4680	1900	3220	2710	10500
31	1060	---	1640	e1760	---	16500	---	6190	---	3580	2580	---
TOTAL	37803	56656	49120	67350	76130	163540	---	---	128130	85160	199480	88420
MEAN	1219	1889	1585	2173	2625	5275	---	---	4271	2747	6435	2947
MAX	1640	2710	1800	5470	7020	16500	---	---	7730	4180	17600	10900
MIN	963	966	1390	1170	1310	1910	---	---	1900	1660	1960	1640

e Estimated

RED RIVER BASIN

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.77	7.74	8.33	8.35	---	9.15	17.49	17.63	11.06	8.47	10.52	9.21
2	8.18	7.70	8.37	8.47	---	9.61	17.57	17.22	10.90	8.62	12.82	9.11
3	8.27	7.59	8.34	8.49	---	9.67	17.21	15.78	10.55	8.82	14.26	8.68
4	8.28	8.39	8.22	8.53	---	8.87	16.95	14.73	11.53	8.94	15.73	8.59
5	8.33	8.38	8.23	8.43	---	9.22	15.90	13.96	11.44	9.24	17.06	8.68
6	8.06	8.96	8.14	8.38	---	10.00	15.39	12.82	11.54	9.07	17.72	8.48
7	8.08	9.20	8.13	8.36	---	9.79	14.55	11.34	11.05	8.38	18.08	8.70
8	7.84	9.07	8.22	9.15	---	8.58	13.70	11.70	11.27	8.64	17.90	8.50
9	7.98	9.04	8.18	9.73	---	9.55	12.77	14.85	11.91	8.82	16.96	8.64
10	7.82	8.95	8.25	9.81	---	9.70	11.52	16.83	12.43	9.59	15.47	8.65
11	7.68	9.13	8.29	11.09	---	9.75	10.99	18.35	11.48	8.76	13.73	8.50
12	7.76	9.01	8.26	9.88	8.89	9.70	10.28	19.05	10.65	8.49	12.12	8.54
13	7.68	8.94	8.31	9.43	9.72	9.19	11.13	19.67	10.18	9.09	10.81	8.50
14	7.67	8.38	8.26	8.55	8.80	9.17	11.59	20.08	9.95	9.52	9.70	8.54
15	7.62	8.27	8.19	8.93	8.80	9.16	14.00	20.60	9.76	9.39	9.15	8.60
16	7.65	8.58	8.16	9.14	9.08	9.09	15.96	20.87	9.63	9.58	8.84	8.64
17	7.65	8.51	8.24	8.47	8.52	9.03	16.79	21.08	9.37	10.22	9.21	8.46
18	7.60	8.72	8.50	8.93	8.44	9.57	16.43	21.04	9.31	10.15	9.29	8.36
19	7.83	8.76	8.56	9.16	9.72	9.07	15.84	20.68	9.17	9.84	9.37	8.72
20	7.57	8.77	8.54	8.41	9.00	9.29	15.50	19.99	10.71	9.36	8.89	8.78
21	7.79	8.31	8.58	9.15	9.76	10.50	16.02	19.10	10.20	9.26	8.67	9.17
22	7.84	8.40	8.52	9.85	12.02	10.28	16.65	18.21	10.22	9.08	9.17	9.19
23	7.80	8.38	8.49	9.26	11.10	9.97	17.83	17.63	10.65	9.15	9.01	9.17
24	7.74	8.55	8.45	10.11	10.77	9.49	18.26	16.84	10.07	9.36	8.70	8.90
25	7.82	8.31	8.43	9.15	10.76	12.89	18.95	15.80	8.99	9.28	9.28	8.53
26	7.96	8.38	8.41	9.68	9.91	13.46	19.39	15.22	8.63	9.68	9.37	8.65
27	7.90	8.37	8.36	9.82	9.88	14.84	19.32	13.86	8.94	9.10	8.75	11.30
28	7.80	8.41	8.32	9.31	10.22	16.05	19.07	11.98	8.72	9.26	8.91	13.11
29	7.77	8.32	8.36	10.51	9.56	16.45	18.82	10.59	8.92	9.54	9.52	14.47
30	7.76	8.36	8.38	---	---	16.45	18.04	10.49	8.59	9.56	9.30	14.36
31	7.68	---	8.39	---	---	17.49	---	11.46	---	9.80	9.22	---
MAX	8.33	9.20	8.58	11.09	12.02	17.49	19.39	21.08	12.43	10.22	18.08	14.47
MIN	7.57	7.59	8.13	8.35	8.44	8.58	10.28	10.49	8.59	8.38	8.67	8.36

RED RIVER BASIN

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA

LOCATION.--Lat 32°59'25", long 91°39'20", in SE 1/4 SW 1/4 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 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 79.21 ft above sea level (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.--No estimated daily discharges. Records good. 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 (station 07368000). Other flow bypasses station and re-enters the basin 5 mi downstream by way of Overflow Creek. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--38 years, 1,359 ft³/s, 984,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,530 ft³/s, Apr. 28, 1991; maximum gage height, 29.16 ft, May 5, 1991; minimum discharge, 1.6 ft³/s, Aug. 22, 1986, gage height, -0.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,420 ft³/s, May 4, gage height 15.84 ft; maximum gage height, 15.88 ft, May 5; minimum discharge, 16 ft³/s, Nov. 12; minimum gage height, .57 ft, July 4.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	30	27	579	626	578	1250	2210	369	66	e80	e79
2	40	33	24	611	675	592	1290	2300	388	53	e99	e83
3	42	32	24	599	693	609	1320	2360	353	43	e122	e95
4	43	32	23	583	687	627	1340	2400	319	41	e150	e111
5	42	32	24	573	663	645	1360	2410	287	44	e180	e130
6	41	31	24	580	626	662	1380	2390	250	50	e210	e140
7	39	30	24	586	589	678	1390	2370	219	61	e240	e148
8	38	29	34	587	556	687	1380	2330	196	73	e270	e144
9	37	26	49	593	523	689	1380	2260	179	84	e310	e137
10	37	24	49	609	495	690	1360	2190	164	91	e345	e120
11	37	18	54	631	477	692	1330	2180	150	90	e395	e107
12	37	18	57	646	464	690	1280	2070	133	84	e430	e100
13	37	32	51	651	456	677	1310	1950	119	78	e458	e95
14	36	45	38	651	449	663	1270	1830	108	78	e465	e89
15	36	46	36	645	453	654	1280	1710	104	66	e470	e86
16	36	50	80	633	466	643	1240	1580	106	55	e465	e85
17	35	46	129	614	488	631	1190	1450	108	e52	e461	e87
18	35	40	216	597	519	635	1130	1320	104	e50	e459	e91
19	34	34	358	573	552	635	1080	1190	97	e49	e450	e94
20	34	29	430	542	572	617	1170	1060	91	e51	e420	e95
21	33	25	464	507	578	601	1810	946	87	e54	e382	e92
22	32	24	501	472	576	583	1570	841	92	e64	e340	e89
23	32	24	529	443	579	561	1660	744	97	e71	e300	e86
24	32	22	540	463	588	540	1660	661	101	e77	e247	e85
25	32	22	541	448	587	704	1640	589	100	e79	e200	e86
26	31	26	547	434	578	799	1690	533	96	e75	e142	e87
27	32	27	551	442	570	786	1770	484	91	e67	e110	e95
28	33	28	558	457	575	789	1870	445	86	e60	e95	e120
29	31	30	562	483	572	841	2000	433	82	e58	e85	e170
30	30	29	566	527	---	935	2130	450	74	e62	e77	e230
31	29	---	569	577	---	1160	---	406	---	e68	e78	---
TOTAL	1102	914	7679	17336	16232	21293	43530	46092	4750	1994	8535	3256
MEAN	35.5	30.5	248	559	560	687	1451	1487	158	64.3	275	109
MAX	43	50	569	651	693	1160	2130	2410	388	91	470	230
MIN	29	18	23	434	449	540	1080	406	74	41	77	79
AC-FT	2190	1810	15230	34390	32200	42230	86340	91420	9420	3960	16930	6460

CAL YR 1995	TOTAL 400414	MEAN 1097	MAX 4510	MIN 18	AC-FT 794200
WTR YR 1996	TOTAL 172713	MEAN 472	MAX 2410	MIN 18	AC-FT 342600

e Estimated

RED RIVER BASIN

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.91	.83	1.06	7.00	6.99	6.50	11.50	15.34	4.93	1.12	---	---
2	.93	.92	1.02	7.31	7.30	6.60	11.68	15.56	5.08	.86	---	---
3	.99	.94	1.01	7.21	7.47	6.72	11.83	15.73	4.88	.62	---	---
4	.99	.95	.99	7.09	7.50	6.85	11.92	15.84	4.57	.58	---	---
5	.97	.97	1.01	6.99	7.41	7.01	11.97	15.87	4.19	.67	---	---
6	.95	.97	1.02	7.00	7.21	7.14	12.00	15.81	3.82	.79	---	---
7	.92	.97	1.02	7.04	6.96	7.21	11.95	15.67	3.50	1.03	---	---
8	.89	.96	1.16	7.04	6.71	7.26	11.85	15.49	3.24	1.26	---	---
9	.87	.93	1.39	7.07	6.45	7.29	11.72	15.27	3.04	1.48	---	---
10	.86	.88	1.40	7.15	6.21	7.32	11.54	15.00	2.83	1.62	---	---
11	.86	.75	1.47	7.27	6.00	7.35	11.34	14.86	2.62	1.61	---	---
12	.86	.78	1.50	7.37	5.83	7.35	11.12	14.63	2.35	1.48	---	---
13	.86	1.10	1.42	7.43	5.69	7.30	11.23	14.25	2.12	1.37	---	---
14	.85	1.31	1.23	7.43	5.61	7.22	11.23	13.81	1.93	1.36	---	---
15	.84	1.34	1.20	7.38	5.60	7.17	11.55	13.33	1.86	1.12	---	---
16	.84	1.40	1.79	7.29	5.70	7.08	11.33	12.79	1.89	.90	---	---
17	.83	1.36	2.37	7.16	5.87	6.99	11.01	12.20	1.93	---	---	---
18	.81	1.26	3.46	7.02	6.10	6.96	10.68	11.56	1.86	---	---	---
19	.79	1.17	5.13	6.81	6.33	6.99	10.34	10.85	1.73	---	---	---
20	.78	1.09	5.92	6.56	6.50	6.91	10.94	10.11	1.62	---	---	---
21	.77	1.03	6.31	6.29	6.60	6.78	13.75	9.40	1.55	---	---	---
22	.75	1.01	6.67	5.99	6.62	6.64	13.98	8.71	1.63	---	---	---
23	.74	1.01	6.92	5.72	6.65	6.48	14.39	8.06	1.73	---	---	---
24	.73	.98	7.05	6.00	6.69	6.32	14.45	7.46	1.80	---	---	---
25	.73	.97	7.08	5.93	6.65	7.92	14.42	6.91	1.78	---	---	---
26	.74	1.04	7.08	5.79	6.58	8.73	14.41	6.42	1.71	---	---	---
27	.79	1.07	7.07	5.79	6.51	8.72	14.45	5.98	1.61	---	---	---
28	.82	1.08	7.04	5.87	6.49	8.69	14.57	5.59	1.52	---	---	---
29	.80	1.11	6.98	6.05	6.46	8.85	14.82	5.44	1.45	---	---	---
30	.79	1.09	6.92	6.33	---	9.35	15.11	5.58	1.30	---	---	---
31	.80	---	6.95	6.67	---	11.05	---	5.29	---	---	---	---
MAX	.99	1.40	7.08	7.43	7.50	11.05	15.11	15.87	5.08	---	---	---
MIN	.73	.75	.99	5.72	5.60	6.32	10.34	5.29	1.30	---	---	---

RED RIVER BASIN

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 mi².

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 sea level (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.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.23 ft, Apr. 28, 1991; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.25	7.88	7.73	8.32	8.63	8.72	9.35	9.48	9.26	9.37	9.58	9.26
2	8.24	7.96	7.73	8.38	8.66	8.72	9.34	9.45	9.32	9.35	9.64	9.26
3	8.24	7.94	7.73	8.37	8.67	8.70	9.33	9.43	9.32	9.32	9.92	9.19
4	8.22	7.91	7.72	8.36	8.66	8.70	9.33	9.41	9.30	9.28	10.05	8.83
5	8.21	7.89	7.72	8.36	8.65	8.70	9.35	9.39	9.27	9.27	9.98	8.45
6	8.19	7.90	7.71	8.38	8.66	8.74	9.38	9.37	9.26	9.25	9.88	8.06
7	8.16	7.93	7.70	8.38	8.67	8.78	9.37	9.36	9.30	9.25	9.78	7.67
8	8.14	7.91	7.75	8.36	8.68	8.76	9.36	9.34	9.30	9.24	9.71	7.27
9	8.13	7.89	7.81	8.36	8.69	8.74	9.34	9.32	9.28	9.24	9.66	6.87
10	8.11	7.88	7.79	8.35	8.71	8.73	9.33	9.30	9.26	9.27	9.64	6.46
11	8.10	7.93	7.77	8.37	8.72	8.73	9.32	9.35	9.27	9.25	9.63	6.05
12	8.10	7.88	7.76	8.36	8.71	8.73	9.33	9.35	9.27	9.23	9.63	5.77
13	8.09	7.87	7.76	8.36	8.71	8.73	9.51	9.36	9.61	9.31	9.62	5.48
14	8.08	7.86	7.77	8.36	8.70	8.73	9.55	9.41	10.02	9.36	---	5.19
15	8.06	7.86	7.79	8.36	8.71	8.74	9.57	9.41	10.08	9.48	---	4.90
16	8.04	7.84	7.85	8.36	8.71	8.75	9.51	9.39	9.99	9.59	---	4.64
17	8.03	7.83	7.91	8.36	8.69	8.75	9.48	9.37	9.88	9.58	9.46	4.34
18	8.02	7.83	8.17	8.45	8.68	8.84	9.46	9.35	9.79	9.56	9.43	4.05
19	8.01	7.82	8.30	8.41	8.70	8.89	9.45	9.33	9.71	9.57	9.40	3.76
20	8.01	7.82	8.28	8.39	8.72	8.88	9.45	9.31	9.75	9.53	9.37	3.51
21	7.97	7.82	8.28	8.40	8.72	8.85	9.47	9.29	9.72	9.49	9.36	3.29
22	7.94	7.80	8.28	8.40	8.73	8.85	9.51	9.27	9.67	9.45	9.34	3.00
23	7.93	7.80	8.28	8.44	8.74	8.83	9.57	9.25	9.61	9.43	9.32	2.71
24	7.91	7.79	8.27	8.59	8.73	8.85	9.54	9.24	9.56	9.49	9.30	2.44
25	7.89	7.78	8.27	8.59	8.73	9.22	9.52	9.22	9.53	9.52	9.29	2.19
26	7.88	7.77	8.27	8.63	8.73	9.30	9.51	9.20	9.51	9.51	9.27	2.14
27	7.90	7.78	8.26	8.62	8.75	9.33	9.46	9.18	9.48	9.48	9.28	3.47
28	7.91	7.76	8.26	8.61	8.74	9.35	9.43	9.18	9.46	9.54	9.27	3.72
29	7.88	7.75	8.25	8.62	8.73	9.34	9.53	9.21	9.43	9.57	9.26	3.64
30	7.87	7.74	8.26	8.63	---	9.36	9.51	9.25	9.40	9.55	9.29	3.45
31	7.87	---	8.29	8.63	---	9.38	---	9.23	---	9.54	9.27	---
MAX	8.25	7.96	8.30	8.63	8.75	9.38	9.57	9.48	10.08	9.59	---	9.26
MIN	7.87	7.74	7.70	8.32	8.63	8.70	9.32	9.18	9.26	9.23	---	2.14

RED RIVER BASIN

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA

LOCATION.--Lat 32°55'45", long 92°37'58", in NW 1/4 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 mi².

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 and fair below except for estimated discharge, which is poor. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug. 31	1200	1,340	7.48	Sep. 28	0300	*1,970	7.98

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	10	9.1	60	58	43	134	142	4.7	9.4	367	1230
2	15	16	9.7	114	61	40	111	134	14	8.0	304	896
3	15	16	10	122	60	38	111	81	14	6.3	449	526
4	16	14	11	93	56	36	76	42	12	6.5	801	172
5	16	12	8.1	59	53	36	88	30	10	7.0	591	47
6	16	10	5.2	46	62	50	157	24	8.8	7.5	368	32
7	16	10	4.0	39	75	72	188	21	11	7.0	306	28
8	16	12	12	35	85	65	178	18	18	7.3	224	24
9	16	11	25	33	94	62	137	15	19	7.1	65	20
10	16	10	20	32	100	52	80	13	14	6.8	62	16
11	16	9.0	12	31	86	46	54	15	11	8.5	58	13
12	16	9.0	6.4	30	68	45	55	19	15	8.9	64	11
13	15	9.3	4.7	28	55	46	149	16	91	9.1	114	9.5
14	15	8.5	4.0	27	49	44	185	17	185	11	69	8.8
15	14	7.9	11	28	45	40	168	16	176	22	83	8.3
16	14	7.0	52	25	42	39	130	15	152	47	62	8.7
17	14	7.0	62	27	40	43	142	12	72	40	31	8.5
18	14	8.1	215	41	39	83	183	9.6	31	40	23	9.3
19	14	5.9	284	48	53	141	165	11	25	42	16	8.6
20	12	5.1	288	47	79	152	140	7.3	46	33	13	8.7
21	11	5.2	224	44	73	147	287	5.3	66	24	12	87
22	11	5.8	118	39	65	103	308	4.2	104	17	13	329
23	11	5.8	58	62	56	65	201	3.5	101	14	10	152
24	10	6.2	42	184	49	147	156	2.9	44	13	8.4	30
25	11	6.7	36	249	44	482	116	2.6	30	33	7.1	29
26	11	7.4	32	213	42	610	66	2.1	26	43	6.4	34
27	11	7.6	30	133	43	507	45	1.9	18	85	6.7	1130
28	10	7.8	28	84	48	448	37	2.1	16	147	15	1760
29	11	7.8	29	66	47	448	63	3.1	12	204	120	1310
30	11	8.2	30	61	---	388	98	2.4	11	256	688	1140
31	9.7	---	38	59	---	209	---	2.3	---	308	1300	---
TOTAL	416.7	266.3	1718.2	2159	1727	4727	4008	690.3	1357.5	1478.4	6256.6	9086.4
MEAN	13.4	8.88	55.4	69.6	59.6	152	134	22.3	45.2	47.7	202	303
MAX	16	16	288	249	100	610	308	142	185	308	1300	1760
MIN	9.7	5.1	4.0	25	39	36	37	1.9	4.7	6.3	6.4	8.3
AC-FT	827	528	3410	4280	3430	9380	7950	1370	2690	2930	12410	18020
CFMSM	.06	.04	.27	.33	.29	.73	.64	.11	.22	.23	.97	1.46
IN.	.07	.05	.31	.39	.31	.85	.72	.12	.24	.26	1.12	1.63

e Estimated

RED RIVER BASIN

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 1996, BY WATER YEAR (WY)

MEAN	55.3	148	248	320	405	366	399	249	161	77.5	30.7	44.2
MAX	660	977	1112	1140	1255	913	2764	852	1391	985	202	464
(WY)	1985	1958	1983	1974	1975	1973	1991	1991	1974	1989	1996	1974
MIN	.45	8.88	20.7	40.7	58.5	48.3	49.8	11.5	3.40	1.19	1.49	.54
(WY)	1988	1996	1957	1967	1964	1966	1981	1988	1966	1988	1956	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1956 - 1996		
ANNUAL TOTAL	64913.88			33891.4					
ANNUAL MEAN	178			92.6			208		
HIGHEST ANNUAL MEAN							502		
LOWEST ANNUAL MEAN							52.3		
HIGHEST DAILY MEAN	3260			1760			20000		
LOWEST DAILY MEAN	.01			1.9			.00		
ANNUAL SEVEN-DAY MINIMUM	.03			2.4			.00		
INSTANTANEOUS PEAK FLOW				1970			24000		
INSTANTANEOUS PEAK STAGE				7.98			17.54		
INSTANTANEOUS LOW FLOW				1.8			May 27,28		
ANNUAL RUNOFF (AC-FT)	128800			67220			150400		
ANNUAL RUNOFF (CFSM)	.86			.45			1.00		
ANNUAL RUNOFF (INCHES)	11.61			6.06			13.56		
10 PERCENT EXCEEDS	458			202			530		
50 PERCENT EXCEEDS	28			32			51		
90 PERCENT EXCEEDS	2.4			7.3			4.6		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.56	2.87	3.55	3.93	3.54	3.22	4.80	4.86	2.27	2.43	5.83	7.37
2	2.61	3.16	3.57	4.65	3.59	3.15	4.62	4.80	2.72	2.36	5.61	6.97
3	2.62	3.22	3.60	4.73	3.56	3.09	4.62	4.24	2.73	2.27	6.06	6.26
4	2.65	3.17	3.63	4.44	3.50	3.05	4.18	3.56	2.63	2.28	6.83	4.86
5	2.65	3.14	3.50	3.93	3.44	3.05	4.33	3.25	2.57	2.30	6.42	3.64
6	2.65	3.12	3.33	3.67	3.60	3.37	4.96	3.07	2.52	2.34	5.83	3.28
7	2.66	3.16	3.24	3.51	3.83	3.79	5.16	2.97	2.62	2.31	5.62	3.14
8	2.67	3.32	3.66	3.42	3.98	3.68	5.10	2.88	2.88	2.32	5.24	3.02
9	2.65	3.32	4.08	3.37	4.10	3.61	4.82	2.77	2.92	2.31	3.90	2.89
10	2.65	3.33	3.98	3.34	4.18	3.43	4.24	2.70	2.74	2.29	3.88	2.76
11	2.65	3.31	3.69	3.32	3.99	3.31	3.82	2.79	2.62	2.38	3.84	2.66
12	2.66	3.34	3.41	3.29	3.71	3.29	3.82	2.91	2.78	2.40	3.92	2.58
13	2.64	3.37	3.31	3.23	3.48	3.31	4.89	2.81	4.23	2.41	4.52	2.49
14	2.62	3.36	3.25	3.20	3.36	3.27	5.14	2.84	5.07	2.48	4.02	2.46
15	2.60	3.36	3.60	3.23	3.26	3.19	5.04	2.81	5.00	2.89	4.21	2.44
16	2.60	3.33	4.48	3.16	3.20	3.16	4.77	2.79	4.83	3.59	3.90	2.45
17	2.60	3.36	4.56	3.22	3.14	3.26	4.86	2.64	3.98	3.43	3.23	2.45
18	2.59	3.43	5.37	3.56	3.11	3.96	5.13	2.55	3.18	3.44	2.98	2.48
19	2.56	3.34	5.60	3.74	3.42	4.70	5.01	2.62	2.99	3.49	2.78	2.45
20	2.50	3.31	5.62	3.73	3.89	4.82	4.80	2.44	3.58	3.24	2.66	2.45
21	2.46	3.34	5.34	3.65	3.79	4.77	5.61	2.32	3.93	2.95	2.63	4.02
22	2.43	3.38	4.64	3.54	3.66	4.26	5.69	2.24	4.40	2.76	2.66	5.69
23	2.44	3.38	3.89	3.97	3.50	3.72	5.22	2.18	4.37	2.63	2.52	4.63
24	2.45	3.40	3.57	5.16	3.36	4.42	4.96	2.11	3.51	2.57	2.44	3.21
25	2.48	3.43	3.41	5.49	3.25	6.23	4.65	2.08	3.17	3.25	2.37	3.19
26	2.52	3.47	3.33	5.20	3.21	6.54	4.03	2.01	3.01	3.50	2.33	3.22
27	2.56	3.48	3.27	4.56	3.23	6.30	3.62	1.97	2.77	4.18	2.35	7.19
28	2.59	3.49	3.21	3.96	3.33	6.14	3.43	2.00	2.70	4.78	2.69	7.83
29	2.75	3.49	3.24	3.68	3.30	6.14	3.96	2.14	2.54	5.16	4.33	7.45
30	2.80	3.51	3.27	3.59	---	5.95	4.47	2.05	2.49	5.41	6.50	7.28
31	2.80	---	3.47	3.55	---	5.25	---	2.03	---	5.62	7.44	---
MAX	2.80	3.51	5.62	5.49	4.18	6.54	5.69	4.86	5.07	5.62	7.44	7.83
MIN	2.43	2.87	3.21	3.16	3.11	3.05	3.43	1.97	2.27	2.27	2.33	2.44

RED RIVER BASIN

07366300 BAYOU D'ARBONNE LAKE AT FARMERVILLE, LA

LOCATION.--Lat 32°45'25", long 92°24'50", in NW 1/4 NW 1/4 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 mi² at dam, 1,470 mi² 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 sea level (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.

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, 41.51 ft, Sep. 29, and 30; minimum 38.94 ft, Oct. 30, 31 and Nov. 1.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.23	38.99	39.06	40.14	40.18	40.02	40.52	40.54	40.08	40.14	---	40.50
2	39.26	39.13	39.06	40.18	40.18	40.02	40.48	40.51	40.23	40.10	---	40.53
3	39.27	39.13	39.07	40.17	40.16	40.00	40.42	40.47	40.21	40.06	---	40.54
4	39.26	39.12	39.06	40.17	40.14	40.00	40.38	40.44	40.18	40.02	---	40.52
5	39.25	39.12	39.07	40.18	40.13	40.00	40.33	40.40	40.15	40.00	---	40.50
6	39.23	39.12	39.06	40.20	40.13	40.02	40.33	40.35	40.11	39.99	---	40.48
7	39.20	39.15	39.05	40.18	40.13	39.99	40.32	40.31	40.09	39.97	40.84	40.47
8	39.19	39.14	39.12	40.15	40.14	39.96	40.31	40.26	40.10	39.95	40.76	40.46
9	39.17	39.13	39.24	40.14	40.14	39.96	40.30	40.22	40.07	40.01	40.66	40.45
10	39.17	39.13	39.25	40.12	40.14	39.96	40.29	40.18	40.06	40.23	40.55	40.45
11	39.15	39.15	39.26	40.12	40.13	39.97	40.29	40.18	40.07	40.20	40.48	40.44
12	39.15	39.13	39.27	40.10	40.12	39.98	40.29	40.17	40.06	40.15	40.44	40.44
13	39.15	39.13	39.29	40.08	40.12	39.99	40.44	40.16	40.16	40.19	40.39	40.42
14	39.15	39.12	39.30	40.07	40.11	39.99	40.55	40.17	40.30	40.21	40.35	40.41
15	39.13	39.12	39.32	40.07	40.10	40.01	40.60	40.17	40.40	40.22	40.31	40.40
16	39.12	39.11	39.43	40.06	40.07	40.02	40.57	40.17	40.49	40.23	40.28	40.38
17	39.11	39.11	39.52	40.06	40.05	40.01	40.54	40.15	40.55	40.22	40.25	40.33
18	39.10	39.11	39.96	40.09	40.04	40.06	40.50	40.13	40.65	40.25	40.22	40.31
19	39.09	39.11	40.37	40.01	40.05	40.08	40.48	40.11	40.73	40.26	40.19	40.30
20	39.08	39.11	40.45	40.01	40.06	40.05	40.61	40.08	40.86	40.25	40.16	40.39
21	39.05	39.11	40.46	40.04	40.07	40.05	40.82	40.06	40.84	40.22	40.14	40.45
22	39.03	39.10	40.41	40.04	40.08	40.08	40.88	40.03	40.74	40.18	40.11	40.44
23	39.02	39.10	40.36	40.07	40.08	40.11	41.05	40.01	40.62	40.14	40.09	40.44
24	39.00	39.09	40.30	40.15	40.06	40.14	41.06	39.99	40.52	---	40.07	40.45
25	38.98	39.09	40.26	40.21	40.06	40.40	41.01	39.97	40.44	---	40.06	40.43
26	38.97	39.08	40.21	40.27	40.06	40.52	40.88	39.95	40.39	---	40.07	40.43
27	38.98	39.09	40.17	40.25	40.06	40.60	40.74	39.93	40.34	---	40.07	40.87
28	38.98	39.07	40.14	40.24	40.05	40.62	40.64	39.92	40.28	---	40.07	41.23
29	38.96	39.07	40.11	40.24	40.03	40.60	40.60	40.03	40.23	---	40.28	41.46
30	38.95	39.06	40.10	40.23	---	40.61	40.56	40.04	40.18	---	40.47	41.51
31	38.95	---	40.13	40.20	---	40.59	---	40.02	---	---	40.49	---
MAX	39.27	39.15	40.46	40.27	40.18	40.62	41.06	40.54	40.86	---	---	41.51
MIN	38.95	38.99	39.05	40.01	40.03	39.96	40.29	39.92	40.06	---	---	40.30

RED RIVER BASIN

07366472 CHAUVIN BAYOU NEAR MONROE, LA

LOCATION.--Lat 32°33'34", long 92°04'31", in NE 1/4 NE 1/4 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 sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.32 ft, May 9, 1991; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 32.14 ft, Apr. 22; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.78	30.85	30.71	30.84	30.70	---	30.81	30.91	30.96	31.27	30.96	30.77
2	30.75	30.84	30.71	31.14	30.74	---	30.77	30.83	31.17	31.21	31.25	30.74
3	30.85	30.80	30.70	30.90	30.75	---	30.73	30.78	31.11	31.15	31.34	30.72
4	30.88	30.78	30.69	30.75	30.73	---	30.73	30.74	31.17	31.07	31.36	30.70
5	30.82	30.76	30.70	30.70	30.71	30.68	30.73	30.72	31.03	30.97	31.17	30.69
6	30.79	30.77	30.70	31.04	30.71	30.66	30.82	30.69	30.89	30.87	31.06	30.68
7	30.78	30.79	30.68	31.02	30.71	30.65	30.80	30.68	30.99	30.81	30.95	30.68
8	30.78	30.77	30.73	30.84	30.70	30.64	30.75	30.67	31.10	30.75	30.85	30.68
9	30.80	30.76	30.91	30.76	30.70	30.64	30.72	30.66	30.97	30.82	30.80	30.68
10	30.79	30.79	30.81	30.72	30.70	30.62	30.70	30.66	30.90	31.19	30.80	30.68
11	30.79	30.80	30.76	30.69	30.69	30.62	30.68	30.74	30.88	30.88	30.78	30.67
12	30.78	30.79	30.71	30.69	30.68	30.61	30.68	30.87	30.86	30.76	30.77	30.65
13	30.79	30.76	30.70	30.69	30.68	30.62	31.15	30.76	30.84	30.80	30.75	30.62
14	30.82	30.75	30.70	30.67	---	30.63	31.23	30.73	30.83	30.83	30.75	30.61
15	30.84	30.75	30.70	30.68	---	30.65	31.15	30.71	30.79	30.87	30.74	30.61
16	30.83	30.74	30.91	30.69	---	30.65	31.15	30.68	30.73	30.89	30.84	30.67
17	30.82	30.73	30.94	30.70	---	30.65	31.03	30.67	30.70	30.81	30.91	30.73
18	30.80	30.73	31.38	30.70	---	30.79	30.90	30.67	31.02	30.79	30.81	30.71
19	30.79	30.74	31.14	30.74	---	30.95	30.83	30.66	31.26	30.74	30.76	30.68
20	30.77	30.72	30.89	30.76	---	30.78	30.80	30.66	31.67	30.69	30.74	30.78
21	30.74	30.72	30.79	30.76	---	30.72	30.81	30.64	31.49	30.70	30.68	31.05
22	30.74	30.72	30.75	30.74	---	30.68	30.96	30.63	31.37	30.69	30.64	30.86
23	30.74	30.75	30.72	30.81	---	30.65	31.59	30.68	31.26	30.67	30.63	30.75
24	30.74	30.74	30.69	31.23	---	30.65	31.33	30.68	31.16	30.69	30.63	30.70
25	30.72	30.74	30.68	31.06	---	31.04	31.14	30.70	31.22	30.73	30.64	30.67
26	30.70	30.74	30.67	31.00	---	31.14	31.16	30.71	31.38	30.73	30.66	30.65
27	30.74	30.74	30.66	30.84	---	30.89	31.14	30.71	31.37	30.70	30.69	31.25
28	30.75	30.71	30.65	30.79	---	30.80	31.04	30.70	31.34	30.74	30.76	31.25
29	30.75	30.69	30.66	30.76	---	30.77	30.98	31.53	31.28	30.77	31.10	30.99
30	30.75	30.70	30.66	30.76	---	30.79	31.01	31.19	31.24	30.75	31.13	30.82
31	30.86	---	30.70	30.73	---	30.81	---	31.06	---	30.92	30.89	---
MAX	30.88	30.85	31.38	31.23	---	---	31.59	31.53	31.67	31.27	31.36	31.25
MIN	30.70	30.69	30.65	30.67	---	---	30.68	30.63	30.70	30.67	30.63	30.61

RED RIVER BASIN

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 32°58'25", long 91°26'25", in NE 1/4 NE 1/4 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 mi² (see REMARKS).

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to September 1973 (annual maximum gage heights and daily discharges below 200 ft³/s only). October 1973 to September 1979 (daily gage heights and daily discharges below 200 ft³/s only). October 1979 to January 1986 (gage heights only). February 1986 to current year (daily gage heights and daily discharges below 3,800 ft³/s only).

GAGE.--Water-stage recorder. Datum of gage is 72.11 ft above sea level (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 sea level.

REMARKS.--Estimated daily discharges. Records fair between 200 and 3,000 ft³/s. No gage height recorded below 2.54 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 ft³/s, 689,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft³/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, 20.39 ft, Apr. 24; minimum gage height not determined.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	e.00	e.00	932	30	238		178	.00	.00	e500	e1450
2	.00	e.00	e.00	3380	40	305		207	432	.00	e1400	e700
3	.00	e.00	e.00	2290	26	92	679	82	844	.00	e3800	e350
4	.00	e.00	e.00	1090	1.5	35	189	22	270	.00	e2350	e190
5	.00	e.00	e.00	506	.11	21	63	.00	146	.00	e1200	92
6	e.00	e.00	e.00	527	1.1	21	29	.00	35	.00	e600	21
7	e.00	e.00	e.00	791	1.7	17	57	.00	.00	.00	e300	.01
8	e.00	e.00	e.00	293	12	32	41	.00	.00	.00	e40	.00
9	e.00	e.00	e14	124	692	361	5.4	.00	.00	.00	e.00	.00
10	e.00	e.00	e50	65	1790	404	.01	.00	7.6	.00	e.00	.00
11	e.00	e.00	e160	39	1000	103	.00	.00	376	.00	e.00	.00
12	e.00	e.00	e10	44	473	17	.00	147	44	.00	e.00	.00
13	e.00	e.00	.00	37	291	.06	.00	724	.00	.00	e300	.00
14	e.00	e.00	.00	25	254	.00	609	499	.00	.00	e1400	.00
15	e.00	e.00	.00	16	109	.00	500	182	.00	.00	e200	.00
16	e.00	e.00	832	4.9	42	.00	2590	28	.00	.00	e.00	.00
17	e.00	e.00	988	.05	19	.00	1160	.10	.00	.00	e.00	.00
18	e.00	e.00	.00	.33	26	.10	303	.00	.00	e240	e.00	.00
19	e.00	e.00	.00	13	13	.00	88	.00	47	e30	e.00	.00
20	e.00	e.00	.00	4.1	42	179	42	.00	570	e5.0	e.00	.00
21	e.00	e.00	.00	26	257	404	.00	.00	168	e.00	e.00	.00
22	e.00	e.00	1180	35	1610	329	.00	.00	.35	e.00	e.00	.00
23	e.00	e.00	438	17	876	99	.00	.00	.00	e.00	e.00	.00
24	e.00	e.00	237	1710	318	20	.00	.00	.00	e.00	e.00	.00
25	e.00	e.00	125	3260	165	.08	.00	.00	.00	e.00	e.00	.00
26	e.00	e.00	54	2060	112	.00	.00	.00	.00	e.00	e.00	.00
27	e.00	e.00	18	792	62	.00	846	.00	.00	e80	e.00	.00
28	e.00	e.00	.06	395	21	.00	341	.00	.00	e430	e180	.00
29	e.00	e.00	.00	207	277	712	131	.00	.00	e2000	e880	.00
30	e.00	e.00	.00	99	---	293	84	101	.00	e700	e3800	3110
31	e.00	---	2.8	57	---	290	---	74	---	e200	e2400	---
TOTAL	0.00	0.00	---	18839.38	8561.41	---	---	2244.10	2939.95	3685.00	19350.00	---
MEAN	.000	.000	---	608	295	---	---	72.4	98.0	119	624	---
MAX	.00	.00	---	3380	1790	---	---	724	844	2000	3800	---
MIN	.00	.00	---	.05	.11	---	---	.00	.00	.00	.00	---
CFSM	.00	.00	---	.77	.38	---	---	.09	.12	.15	.80	---
IN.	.00	.00	---	.89	.41	---	---	.11	.14	.17	.92	---

e Estimated

RED RIVER BASIN

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.71	---	---	6.58	5.28	5.67	10.10	5.58	4.98	4.10	---	---
2	4.69	---	---	9.56	5.31	5.76	8.45	5.62	5.73	3.61	---	---
3	4.72	---	---	8.35	5.26	5.43	6.30	5.42	6.53	3.03	---	---
4	4.79	---	---	6.86	5.17	5.29	5.59	5.24	5.71	2.76	---	---
5	4.79	---	---	6.06	5.13	5.25	5.37	5.06	5.53	2.75	---	5.33
6	---	---	---	6.08	5.17	5.25	5.27	5.02	5.29	2.75	---	5.18
7	---	---	---	6.46	5.18	5.23	5.36	4.96	4.81	2.75	---	5.06
8	---	---	---	5.75	5.22	5.28	5.31	4.66	4.54	2.75	---	4.97
9	---	---	---	5.50	6.29	5.85	5.18	4.25	4.54	2.74	---	4.90
10	---	---	---	5.38	7.74	5.91	5.09	3.71	4.53	2.74	---	4.85
11	---	---	---	5.30	6.75	5.45	5.01	3.61	5.87	2.74	---	4.83
12	---	---	---	5.31	6.01	5.23	4.84	4.81	5.29	2.74	---	4.82
13	---	---	4.97	5.30	5.75	5.10	4.69	6.38	4.74	2.74	---	4.78
14	---	---	4.84	5.26	5.69	4.99	6.12	6.05	4.12	2.74	---	4.72
15	---	---	4.79	5.23	5.47	4.90	6.05	5.58	3.42	2.73	---	4.65
16	---	---	6.44	5.19	5.31	4.86	8.69	5.27	2.82	2.73	---	4.72
17	---	---	6.73	5.13	5.25	4.89	6.94	5.11	2.76	3.03	---	4.88
18	---	---	9.50	5.12	5.27	5.06	5.76	4.87	2.75	---	---	5.02
19	---	---	16.69	5.22	5.22	4.91	5.42	4.35	3.30	---	---	5.03
20	---	---	15.78	5.19	5.31	5.55	5.31	3.77	6.16	---	---	4.97
21	---	---	10.90	5.26	5.66	5.91	8.49	3.20	5.54	---	---	4.95
22	---	---	6.97	5.29	7.51	5.80	17.08	2.72	4.83	---	---	4.89
23	---	---	5.96	5.24	6.57	5.45	17.39	2.70	4.16	---	---	4.79
24	---	---	5.67	7.58	5.78	5.24	19.95	2.69	3.52	---	---	4.71
25	---	---	5.50	9.45	5.56	5.11	18.99	2.69	2.94	---	---	4.67
26	---	---	5.35	8.06	5.47	11.47	12.24	2.69	2.76	---	---	4.65
27	---	---	5.24	6.46	5.38	12.87	6.54	2.69	2.83	---	---	7.20
28	---	---	5.10	5.90	5.25	8.55	5.82	2.68	3.48	---	---	11.45
29	---	---	5.00	5.62	5.71	6.35	5.51	2.68	4.09	---	---	10.77
30	---	---	4.94	5.45	---	5.75	5.43	4.65	4.40	---	---	9.27
31	---	---	5.04	5.36	---	5.73	---	5.36	---	---	---	---
MAX	---	---	---	9.56	7.74	12.87	19.95	6.38	6.53	---	---	---
MIN	---	---	---	5.12	5.13	4.86	4.69	2.68	2.75	---	---	---

RED RIVER BASIN

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 mi² (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 sea level (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. 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.--Estimated daily discharges. Records fair. 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--57 years, 310 ft³/s, 224,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,070 ft³/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 daily discharge, 895 ft³/s, Apr. 25; minimum, no flow at times in Oct, Nov, May, June, July and Sep..

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	7.8	6.9	9.3	19	270	26	92	.00	35	151
2	.00	1.2	12	30	9.0	19	340	15	189	.00	109	90
3	.36	1.1	17	71	6.6	19	214	9.5	131	.00	261	49
4	.00	.00	19	92	5.4	19	92	6.0	63	.00	308	28
5	.00	.00	21	60	4.2	22	38	4.5	28	.00	218	17
6	.00	.00	22	67	3.8	26	19	3.1	14	.00	105	11
7	.00	.00	24	103	4.2	29	11	2.5	8.1	.00	45	6.9
8	.00	.00	27	98	4.6	30	7.0	2.1	35	.00	20	3.9
9	.00	.00	33	54	4.5	31	4.1	1.7	66	6.3	10	2.0
10	.00	.00	31	28	5.0	30	2.8	.98	40	25	5.5	1.4
11	.00	.00	28	17	4.8	30	2.5	3.1	20	7.4	2.9	.84
12	.00	.00	27	11	4.6	30	2.9	2.8	11	1.7	2.0	.39
13	.00	.00	31	7.9	4.7	32	51	2.7	6.4	.30	1.5	.00
14	.00	.00	33	6.2	5.1	34	131	3.1	18	1.0	1.2	.00
15	.00	.00	35	5.2	5.2	36	231	3.7	15	3.3	1.3	.92
16	.00	.00	43	4.7	5.5	36	333	4.0	7.7	3.9	1.6	3.1
17	.00	.00	48	5.0	6.2	35	253	3.9	4.1	3.2	1.7	2.0
18	.00	.00	102	7.6	6.7	39	121	2.7	2.9	3.8	2.0	1.4
19	.00	.00	188	6.5	9.2	48	51	1.6	3.9	4.4	2.2	1.1
20	.00	.00	356	5.3	12	55	24	.98	16	4.3	2.2	2.9
21	.00	.00	439	5.3	13	54	22	.65	6.0	3.6	2.2	5.0
22	.00	.00	398	4.9	15	49	252	.54	2.4	3.1	1.7	4.2
23	.00	.00	244	7.6	16	45	649	.24	1.2	2.4	.93	3.3
24	.00	.00	105	45	16	44	820	.00	.39	2.2	.44	2.7
25	.00	.00	42	80	16	48	895	.00	.00	3.8	1.2	2.3
26	.00	.00	18	108	17	72	870	.00	.00	4.2	3.6	2.5
27	.00	.00	9.5	96	19	210	633	.00	.00	5.1	4.2	12
28	.00	.44	5.2	60	24	223	301	6.8	.00	10	15	21
29	.00	2.2	3.2	33	21	130	116	193	.00	7.1	22	59
30	.00	4.4	2.2	20	---	70	51	245	.00	9.6	47	158
31	.00	---	2.7	14	---	69	---	163	---	27	158	---
TOTAL	0.36	9.34	2373.6	1160.1	277.6	1633	6807.3	709.19	781.09	142.70	1391.37	642.85
MEAN	.012	.31	76.6	37.4	9.57	52.7	227	22.9	26.0	4.60	44.9	21.4
MAX	.36	4.4	439	108	24	223	895	245	189	27	308	158
MIN	.00	.00	2.2	4.7	3.8	19	2.5	.00	.00	.00	.44	.00
AC-FT	.7	19	4710	2300	551	3240	13500	1410	1550	283	2760	1280
CAL YR 1995	TOTAL 49152.44			MEAN 135		MAX 1850		MIN .00		AC-FT 97490		
WTR YR 1996	TOTAL 15928.50			MEAN 43.5		MAX 895		MIN .00		AC-FT 31590		

RED RIVER BASIN
07368000 BOEUF RIVER NEAR GIRARD, LA--Continued
GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.00	6.13	6.20	6.11	6.15	6.27	8.18	6.34	6.93	5.97	6.43	7.39
2	6.01	6.16	6.22	6.38	6.15	6.27	8.63	6.22	7.66	5.96	7.06	6.92
3	6.05	6.16	6.25	6.76	6.12	6.27	7.82	6.16	7.24	5.97	8.13	6.57
4	6.04	6.12	6.27	6.94	6.10	6.27	6.93	6.11	6.69	5.96	8.44	6.37
5	6.04	6.11	6.29	6.67	6.08	6.30	6.47	6.08	6.37	5.96	7.85	6.25
6	6.02	6.11	6.31	6.73	6.07	6.35	6.27	6.06	6.21	5.97	7.04	6.18
7	6.01	6.11	6.32	7.02	6.08	6.38	6.18	6.05	6.14	5.96	6.54	6.12
8	6.01	6.10	6.35	6.98	6.08	6.39	6.12	6.04	6.43	5.97	6.28	6.07
9	6.02	6.10	6.42	6.62	6.08	6.40	6.08	6.03	6.72	6.08	6.17	6.04
10	6.02	6.10	6.40	6.37	6.09	6.39	6.05	6.02	6.49	6.33	6.10	6.03
11	6.02	6.12	6.37	6.25	6.09	6.39	6.05	6.06	6.28	6.12	6.05	6.02
12	6.02	6.13	6.36	6.17	6.09	6.39	6.05	6.05	6.17	6.03	6.04	6.01
13	6.02	6.13	6.40	6.13	6.09	6.40	6.58	6.05	6.11	6.01	6.03	6.00
14	6.02	6.11	6.42	6.11	6.09	6.43	7.23	6.06	6.25	6.02	6.02	6.00
15	6.02	6.10	6.44	6.10	6.10	6.45	7.94	6.07	6.22	6.06	6.02	6.02
16	6.01	6.10	6.51	6.09	6.10	6.45	8.59	6.07	6.13	6.07	6.03	6.06
17	6.02	6.10	6.56	6.09	6.11	6.44	8.08	6.07	6.08	6.06	6.03	6.04
18	6.02	6.11	7.01	6.13	6.12	6.48	7.16	6.05	6.05	6.07	6.04	6.03
19	6.03	6.12	7.64	6.12	6.15	6.56	6.59	6.03	6.07	6.08	6.04	6.02
20	6.03	6.12	8.71	6.10	6.18	6.62	6.32	6.02	6.23	6.08	6.04	6.05
21	6.04	6.13	9.19	6.10	6.20	6.62	6.29	6.01	6.11	6.07	6.04	6.09
22	6.04	6.14	8.96	6.09	6.22	6.57	8.02	6.01	6.05	6.06	6.03	6.08
23	6.04	6.14	8.02	6.12	6.23	6.53	10.41	6.00	6.02	6.04	6.02	6.06
24	6.04	6.14	7.03	6.53	6.23	6.52	11.41	5.99	6.01	6.04	6.01	6.05
25	6.03	6.13	6.50	6.84	6.23	6.57	11.83	5.98	6.00	6.07	6.02	6.04
26	6.04	6.12	6.26	7.07	6.25	6.77	11.69	5.99	5.99	6.08	6.07	6.05
27	6.06	6.14	6.16	6.97	6.27	7.80	10.32	5.99	5.99	6.09	6.08	6.19
28	6.07	6.15	6.10	6.67	6.32	7.89	8.37	6.06	5.99	6.17	6.22	6.29
29	6.08	6.17	6.06	6.42	6.29	7.23	7.12	7.68	5.98	6.12	6.30	6.65
30	6.10	6.18	6.04	6.28	---	6.76	6.59	8.04	5.97	6.15	6.54	7.44
31	6.11	---	6.05	6.21	---	6.74	---	7.47	---	6.35	7.44	---
MAX	6.11	6.18	9.19	7.07	6.32	7.89	11.83	8.04	7.66	6.35	8.44	7.44
MIN	6.00	6.10	6.04	6.09	6.07	6.27	6.05	5.98	5.97	5.96	6.01	6.00

RED RIVER BASIN

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA

LOCATION.--Lat 32°29'55", long 91°55'05", in NW 1/4 SW 1/4 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 mi² (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 sea level (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.--Estimated daily discharges. Records fair, except for periods of indefinite stage-discharge relationship at times during the year, 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--57 years, 1,866 ft/s, 1,352,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,700 ft³/s, Nov. 2, 1991, gage height, 30.18 ft; maximum gage height, 30.34 ft, May 9, 1991. Maximum daily reverse flow 210 ft³/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 ft³/s was measured Dec. 24, 1931 (from reports of Corps of Engineers, Vicksburg District).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,900 ft³/s, Apr. 23, gage height, 23.92 ft, maximum gage height, 24.07 Apr. 24; minimum discharge, 10 ft³/s, Nov 14, 15, 16, 17, and 18 gage height, 0.35 ft.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e38	22	28	315	282	507	7610	e1970	e970	24	2560	2220
2	e35	22	30	2780	256	439	4380	e1510	1090	28	4200	1490
3	e46	19	31	3850	222	294	1830	884	1590	30	5220	929
4	e40	20	33	2260	166	201	1190	454	1180	27	4130	631
5	e35	24	32	1360	134	186	939	323	837	24	e3220	543
6	30	26	31	1460	139	203	721	e250	442	21	e2490	485
7	30	24	23	1840	152	221	673	e192	233	24	e1800	370
8	28	22	19	1200	235	236	540	e148	171	25	e1200	277
9	26	15	47	712	1270	537	354	e120	127	27	e750	207
10	25	12	156	441	1910	472	252	e198	110	252	415	165
11	24	17	195	334	1230	274	201	316	245	152	201	157
12	23	16	139	301	712	191	169	879	210	79	217	145
13	23	11	91	278	623	158	1070	1060	87	59	1280	115
14	25	11	80	246	527	132	2570	749	66	78	1710	99
15	23	10	66	231	369	112	6100	399	148	173	1000	95
16	20	10	243	210	257	113	5000	296	138	325	537	92
17	19	10	1560	202	219	120	1950	e240	103	222	362	89
18	19	11	3770	184	220	145	916	e178	73	264	271	90
19	20	17	8400	225	222	171	1040	e140	233	224	270	88
20	21	20	9680	209	334	354	1540	e100	e2000	146	232	96
21	20	18	7960	200	886	539	8030	e64	e1790	100	163	133
22	24	20	4420	211	1720	439	11100	e46	914	92	118	127
23	21	18	1270	214	1090	275	13500	44	311	63	157	98
24	24	20	960	2770	572	179	13600	51	87	44	179	86
25	21	22	710	5070	362	2230	11700	40	47	48	171	82
26	19	26	430	4280	307	7050	e9000	36	46	63	159	81
27	20	27	323	2540	306	6140	e6500	43	78	389	196	677
28	22	28	238	1380	336	3200	e4600	45	57	615	544	4740
29	22	27	178	969	531	1580	e3300	1170	39	2540	1940	6360
30	19	27	156	497	---	983	e2440	e2500	27	2860	3620	5620
31	20	---	160	388	---	4420	---	e1720	---	1660	3330	---
TOTAL	782	572	41459	37157	15589	32101	122815	16165	13449	10678	42642	26387
MEAN	25.2	19.1	1337	1199	538	1036	4094	521	448	344	1376	880
MAX	46	28	9680	5070	1910	7050	13600	2500	2000	2860	5220	6360
MIN	19	10	19	184	134	112	169	36	27	21	118	81
AC-FT	1550	1130	82230	73700	30920	63670	243600	32060	26680	21180	84580	52340
CAL YR 1995	TOTAL 795736		MEAN 2180		MAX 19900		MIN 10		AC-FT 1578000			
WTR YR 1996	TOTAL 359796		MEAN 983		MAX 13600		MIN 10		AC-FT 713700			

e Estimated

RED RIVER BASIN
07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA--Continued
GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	.56	.59	2.12	2.31	2.80	16.35	6.57	5.34	.65	8.09	7.58
2	---	.55	.61	7.88	2.22	2.59	13.08	5.20	6.35	.69	11.14	5.45
3	---	.50	.62	10.44	2.09	2.10	8.36	3.82	7.08	.72	14.51	3.94
4	---	.53	.65	7.85	1.84	1.72	5.58	2.63	5.40	.68	16.41	3.15
5	---	.57	.63	5.19	1.67	1.66	3.96	2.20	3.69	.64	13.63	2.90
6	.64	.60	.63	5.32	1.70	1.74	3.39	---	2.59	.60	10.27	2.73
7	.65	.56	.52	6.97	1.77	1.81	3.26	---	1.86	.65	7.48	2.37
8	.63	.54	.46	5.18	2.12	1.87	2.89	---	1.58	.66	5.36	2.04
9	.60	.45	.77	3.36	4.86	2.88	2.31	---	1.35	.68	3.75	1.75
10	.60	.39	1.48	2.60	6.27	2.69	1.94	---	1.25	1.97	2.50	1.56
11	.58	.46	1.70	2.25	4.70	2.02	1.72	2.17	1.88	1.59	1.72	1.52
12	.57	.46	1.42	2.13	3.36	1.68	1.58	3.79	1.75	1.15	1.74	1.46
13	.57	.38	1.12	2.04	3.13	1.52	4.17	4.28	1.09	1.00	4.78	1.28
14	.59	.36	1.05	1.92	2.85	1.38	7.68	3.46	.94	1.15	5.83	1.18
15	.57	.36	.94	1.86	2.36	1.26	13.81	2.45	1.46	1.68	4.12	1.15
16	.52	.35	1.70	1.77	1.96	1.27	13.94	2.10	1.41	2.27	2.88	1.13
17	.51	.35	5.48	1.73	1.80	1.31	9.50	---	1.21	1.89	2.34	1.11
18	.52	.36	9.74	1.65	1.81	1.45	6.46	---	.99	2.05	2.02	1.11
19	.53	.46	17.00	1.83	1.81	1.59	4.58	---	1.84	1.90	2.01	1.10
20	.54	.50	19.22	1.76	2.25	2.31	5.22	---	6.41	1.56	1.86	1.16
21	.53	.48	18.14	1.72	3.78	2.89	16.43	---	6.01	1.30	1.55	1.39
22	.58	.49	14.03	1.77	5.87	2.59	20.43	---	3.89	1.25	1.30	1.35
23	.55	.47	8.04	1.78	4.34	2.03	23.43	.70	2.18	1.04	1.51	1.17
24	.58	.49	4.96	7.75	2.98	1.63	24.00	.77	1.21	.87	1.63	1.09
25	.54	.52	3.36	12.46	2.34	6.38	23.35	.66	.90	.91	1.59	1.06
26	.52	.57	2.56	11.98	2.15	15.17	20.05	.62	.89	1.02	1.53	1.05
27	.53	.59	2.21	9.37	2.15	14.85	13.91	.68	1.15	2.44	1.70	2.92
28	.56	.60	1.89	6.41	2.25	10.69	10.89	.70	.98	3.10	2.84	11.50
29	.55	.57	1.62	4.25	2.87	6.76	9.25	5.89	.82	7.46	6.42	14.22
30	.52	.57	1.52	2.98	---	4.08	7.91	8.53	.69	8.26	10.17	13.55
31	.53	---	1.53	2.66	---	10.64	---	7.29	---	6.50	9.74	---
MAX	---	.60	19.22	12.46	6.27	15.17	24.00	---	7.08	8.26	16.41	14.22
MIN	---	.35	.46	1.65	1.67	1.26	1.58	---	.69	.60	1.30	1.05

RED RIVER BASIN
07369500 TENSAS RIVER AT TENDAL, LA

LOCATION.--Lat 32°25'55", long 91°22'00", in NW 1/4 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 mi² (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 sea level. 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 good except for periods of no base gage-height record, May 12 to June 19, July 3, 4, 24-31, Aug. 18 -27, Sep. 9-18, and 23-29, and no auxiliary gage height record Dec. 18 to Jan. 3, which are fair. 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--59 years (water years 1936-95), 581 ft³/s, 260,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,610 ft³/s, Nov. 19, 1948; maximum gage height, 27.21 ft, May 5, 1991; minimum discharge, 1.7 ft³/s, Oct. 5, 1981, 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 and is the highest since then.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,240 ft³/s, Apr. 24, gage height, 20.43 ft, maximum gage height, 20.70 ft, Apr. 24; minimum discharge, 2.1 ft³/s, Nov. 27, gage height, 5.32 ft.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	9.2	7.2	10	196	15	2070	777	e422	26	25	331
2	5.7	11	7.5	19	289	14	1740	663	e425	23	142	266
3	7.4	13	8.2	26	396	13	1350	575	e392	e21	288	208
4	7.1	11	9.3	37	406	11	1030	494	e330	e19	256	160
5	5.8	8.8	9.6	41	404	10	803	412	e267	22	171	119
6	5.1	7.1	12	260	180	12	651	345	e211	24	110	82
7	4.8	6.8	14	509	132	15	544	297	e159	31	82	48
8	4.7	6.1	17	442	137	15	453	226	e118	35	64	25
9	4.5	5.0	21	372	115	13	383	161	e90	42	51	e16
10	4.5	4.7	17	296	81	12	307	109	e71	69	40	e12
11	4.7	5.5	14	216	55	10	236	133	e49	56	30	e9.5
12	4.6	4.8	11	156	37	9.0	161	e523	e35	40	25	e7.8
13	4.7	4.6	8.1	108	31	8.4	330	e509	e28	30	24	e7.1
14	5.6	4.4	7.3	67	42	7.9	643	e410	e41	25	27	e6.8
15	5.0	4.1	7.4	46	41	8.7	1200	e325	e88	45	26	e6.5
16	4.4	4.5	13	32	30	12	1130	e254	e137	94	22	e5.9
17	4.5	3.8	14	25	21	14	882	e191	e149	133	20	e7.1
18	4.6	3.3	39	20	24	15	726	e139	e109	121	e19	e13
19	4.5	3.1	202	18	22	14	606	e105	e68	89	e18	23
20	4.7	3.4	304	17	18	13	504	e86	48	59	e18	24
21	4.7	3.8	280	16	15	14	537	e77	39	38	e16	22
22	4.8	3.2	231	16	13	14	699	e74	35	25	e15	19
23	5.2	3.7	182	17	12	12	2100	e70	32	20	e15	e16
24	6.0	3.8	136	89	12	11	2180	e68	29	e17	e15	e14
25	6.0	3.4	96	228	10	325	1930	e65	26	e16	e17	e13
26	6.2	3.4	57	250	10	964	1890	e57	26	e15	e19	e11
27	6.5	3.6	32	427	11	741	1640	e54	29	e16	e24	e10
28	7.8	5.7	20	393	14	546	1320	e52	32	e17	35	e11
29	7.7	6.0	13	318	16	421	1100	e91	32	e17	61	e16
30	8.3	6.6	10	252	---	347	928	e285	30	e18	200	44
31	8.7	---	8.9	233	---	1400	---	e401	---	e19	352	---
TOTAL	175.1	167.4	1808.5	4956	2770	5037.0	30073	8028	3547	1222	2227	1553.7
MEAN	5.65	5.58	58.3	160	95.5	162	1002	259	118	39.4	71.8	51.8
MAX	8.7	13	304	509	406	1400	2180	777	425	133	352	331
MIN	4.4	3.1	7.2	10	10	7.9	161	52	26	15	15	5.9
AC-FT	347	332	3590	9830	5490	9990	59650	15920	7040	2420	4420	3080

CAL YR 1995	TOTAL 132333.7	MEAN 363	MAX 2700	MIN 3.1	AC-FT 262500
WTR YR 1996	TOTAL 61564.7	MEAN 168	MAX 2180	MIN 3.1	AC-FT 122100

e Estimated

RED RIVER BASIN

07369500 TENSAS RIVER AT TENDAL, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.27	5.39	5.49	5.43	7.93	5.55	18.65	15.28	---	5.78	5.76	9.03
2	5.26	5.42	5.50	5.63	8.66	5.52	18.04	14.29	---	5.72	7.19	8.50
3	5.31	5.48	5.52	5.79	9.60	5.51	16.57	13.27	---	---	8.69	7.99
4	5.30	5.44	5.54	5.98	9.60	5.46	15.09	12.16	---	---	8.41	7.52
5	5.26	5.39	5.55	6.05	9.58	5.43	13.76	10.98	---	5.71	7.63	7.08
6	5.25	5.35	5.61	8.29	7.67	5.47	12.55	9.86	---	5.74	6.98	6.64
7	5.24	5.35	5.64	10.39	7.23	5.56	11.48	8.90	---	5.87	6.65	6.16
8	5.24	5.33	5.70	10.14	7.28	5.54	10.48	8.15	---	5.95	6.40	5.77
9	5.24	5.31	5.78	9.48	7.04	5.51	9.60	7.53	---	6.06	6.20	---
10	5.24	5.30	5.70	8.75	6.62	5.47	8.84	6.97	---	6.46	6.03	---
11	5.24	5.34	5.64	8.06	6.27	5.43	8.24	7.16	---	6.29	5.86	---
12	5.24	5.32	5.58	7.49	5.99	5.40	7.53	---	---	6.03	5.77	---
13	5.24	5.32	5.51	6.96	5.87	5.38	8.92	---	---	5.85	5.74	---
14	5.27	5.32	5.50	6.45	6.07	5.36	11.27	---	---	5.76	5.81	---
15	5.26	5.32	5.50	6.12	6.06	5.39	14.61	---	---	6.11	5.78	---
16	5.24	5.34	5.61	5.89	5.85	5.47	15.02	---	---	6.78	5.70	---
17	5.25	5.32	5.65	5.76	5.68	5.51	14.00	---	---	7.24	5.67	---
18	5.25	5.31	6.05	5.67	5.75	5.56	12.94	---	---	7.11	---	---
19	5.25	5.31	7.90	5.62	5.70	5.53	11.91	---	---	6.72	---	5.73
20	5.25	5.33	8.81	5.59	5.63	5.51	10.92	---	6.16	6.33	---	5.75
21	5.25	5.35	8.62	5.58	5.56	5.53	10.70	---	6.01	6.01	---	5.70
22	5.26	5.34	8.19	5.58	5.51	5.52	11.74	---	5.94	5.76	---	5.64
23	5.27	5.36	7.74	5.59	5.47	5.48	19.20	---	5.89	5.67	---	---
24	5.30	5.37	7.28	6.65	5.48	5.46	20.62	---	5.84	---	---	---
25	5.29	5.37	6.81	8.17	5.43	8.53	20.34	---	5.78	---	---	---
26	5.30	5.37	6.30	8.79	5.43	13.13	20.30	---	5.78	---	---	---
27	5.31	5.38	5.90	10.88	5.45	12.40	19.53	---	5.84	---	---	---
28	5.35	5.45	5.65	10.97	5.52	11.09	18.30	---	5.89	---	5.95	---
29	5.35	5.46	5.50	10.43	5.58	9.90	17.17	---	5.90	---	6.35	---
30	5.36	5.47	5.42	9.53	---	9.15	16.24	---	5.86	---	7.87	6.10
31	5.38	---	5.39	8.75	---	15.01	---	---	---	---	9.20	---
MAX	5.38	5.48	8.81	10.97	9.60	15.01	20.62	---	---	---	---	---
MIN	5.24	5.30	5.39	5.43	5.43	5.36	7.53	---	---	---	---	---

RED RIVER BASIN
07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1955-57, 1966-73, 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1967 to September 1968, November 1971 to September 1972, April 1975 to September 1981.

WATER TEMPERATURE: October 1967 to September 1968, April 1975 to September 1981.

INSTRUMENTATION.--Water-quality monitor April 1975 to September 1979.

REMARKS.--The temperature range for the water-quality monitor, 0.0 °C to 36.5 °C. Water-quality monitor removed September 1979.

Samples for daily temperature and specific conductance were collected by an observer October 1979 to September 1981. All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 824 micromhos Sept. 3, 1981; minimum, 42 micromhos May 29, 1978.

WATER TEMPERATURE: Maximum, higher than 36.5 °C Aug. 10, Sept. 1, 1977; minimum, 2.0 °C Feb. 10, 1978.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 2.0 °C was observed Jan. 23, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY	
												WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	
FEB 1996													
12...	1105	5.97	250	7.33	6.3	260	260	24	7.5	14	3.5	94	
26...	1030	5.35	447	7.48	7.4	--	--	--	--	--	--	--	
MAR													
18...	1045	5.54	533	7.60	9.5	100	60	51	17	36	3.9	--	
APR													
15...	1130	14.78	106	6.32	6.5	--	--	9.5	2.9	4.1	2.9	27	
MAY													
20...	1045	5.86	243	7.04	3.2	--	--	--	--	--	--	--	
29...	1200	7.01	97	6.12	5.8	--	--	--	--	--	--	--	
30...	1430	9.05	430	7.38	5.0	--	--	42	13	25	5.3	--	
JUN													
25...	1100	5.79	500	7.50	4.7	--	--	46	15	38	5.1	215	
JUL													
23...	1000	5.65	485	7.34	5.2	--	--	43	15	36	3.7	224	
AUG													
12...	0815	5.16	452	7.43	3.7	--	--	--	--	--	--	--	
20...	1045	5.50	538	7.75	6.8	--	--	50	18	32	4.9	--	
SEP													
05...	1145	7.11	288	7.20	3.3	--	--	28	9.3	13	7.3	--	
09...	1015	5.52	334	7.14	4.5	--	--	--	--	--	--	--	
12...	1023	5.63	386	7.40	7.8	--	--	--	--	--	--	--	
DATE		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
FEB 1996													
12...	12	10	0.1	11	147	144	0.03	1.0	0.33	1.3	0.7	0.43	
MAR													
18...	9.0	22	0.3	6.8	302	291	0.01	<0.05	<0.01	1.3	0.5	0.30	
APR													
15...	5.7	2.2	0.1	8.1	--	66	0.07	3.1	0.33	2.8	1.2	0.79	
MAY													
30...	15	14	0.3	11	251	238	0.04	0.69	0.17	1.4	0.8	0.23	
JUN													
25...	11	17	0.4	9.8	295	273	0.05	0.18	0.11	1.6	0.8	0.22	
JUL													
23...	7.9	14	0.3	16	265	271	0.02	0.08	0.12	1.0	0.4	0.24	
AUG													
20...	5.8	17	0.3	14	296	293	0.01	<0.05	0.02	1.1	0.4	0.23	
SEP													
05...	7.2	8.1	0.2	16	167	164	0.03	0.17	0.18	1.0	0.7	0.25	

< Actual value is known to be less than the value shown.

RED RIVER BASIN

07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, SOLVED (MG/L AS P) (00671)	IRON, DIS- SOLVED (μG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (μG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	PROP- CHLOR, WATER, DISS, REC (μG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (μG/L) (04028)	BRO- MACIL, WATER, DISS, REC (μG/L) (04029)	SI- MAZINE, WATER, DISS, REC (μG/L) (04035)	PRO- METON, WATER, DISS, REC (μG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (μG/L) (04040)
FEB 1996												
12...	0.03	0.03	11	94	5.5	>17	0.012	<0.002	<0.06	<0.005	<0.018	E0.015
MAR												
18...	0.08	0.06	10	78	7.5	2.8	<0.01	<0.00	<0.03	<0.00	<0.02	E0.00
APR												
15...	0.08	0.06	34	1	6.0	15	<0.01	<0.00	<0.03	<0.00	<0.02	E0.16
MAY												
30...	0.06	0.05	7	260	8.2	1.8	<0.01	<0.00	<0.03	0.05	<0.02	E0.39
JUN												
25...	0.04	0.04	5	420	8.3	3.9	E0.00	<0.00	<0.03	0.02	E0.01	E0.24
JUL												
23...	0.12	0.10	5	130	5.7	2.6	<0.01	<0.00	<0.03	0.02	<0.02	E0.20
AUG												
20...	0.10	0.10	<3	120	5.6	1.3	<0.01	<0.00	<0.03	0.01	<0.02	E0.15
SEP												
05...	0.09	0.10	28	65	7.2	1.8	<0.01	<0.00	<0.03	0.01	<0.02	E0.07

DATE	CYANA- ZINE, WATER, DISS, REC (μG/L) (04041)	FONOFOS WATER, DISS REC (μG/L) (04095)	ALPHA BHC DIS- SOLVED (μG/L) (34253)	PP' DDE DISSOLV (μG/L) (34653)	DICAMBA WATER, FLTRD, GF 0.7U REC (μG/L) (38442)	LINURON WATER, FLTRD, GF 0.7U REC (μG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (μG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (μG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (μG/L) (38501)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (μG/L) (38538)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (μG/L) (38711)	2,4-DB WATER, FLTRD, GF 0.7U REC (μG/L) (38746)
FEB 1996												
12...	0.059	<0.003	<0.002	E0.003	<0.060	<0.031	<0.086	<0.060	<0.044	<0.060	<0.024	<0.060
MAR												
18...	0.220	<0.003	<0.002	E0.002	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035
APR												
15...	2.20	<0.003	<0.002	<0.006	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035
MAY												
30...	0.380	<0.003	<0.002	<0.006	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035
JUN												
25...	0.220	<0.003	<0.002	<0.006	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035
JUL												
23...	0.640	<0.003	<0.002	E0.004	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	E0.030	<0.035
AUG												
20...	0.440	<0.003	<0.002	E0.003	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035
SEP												
05...	0.390	<0.003	<0.002	<0.006	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035

DATE	FLUO- METURON WATER, FLTRD, GF 0.7U REC (μG/L) (38811)	OXAMYL, WATER, FLTRD, GF 0.7U REC (μG/L) (38866)	CHLOR- PYRIFOS DIS- SOLVED (μG/L) (38933)	LINDANE DIS- SOLVED (μG/L) (39341)	DI- ELDRIN DIS- SOLVED (μG/L) (39381)	METO- LACHLOR WATER DISSOLV (μG/L) (39415)	MALA- THION, DIS- SOLVED (μG/L) (39532)	PARA- THION, DIS- SOLVED (μG/L) (39542)	DI- AZINON, DIS- SOLVED (μG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (μG/L) (39632)	PICLO- RAM (TOR- DON) TOTAL (μG/L) (39720)
FEB 1996											
12...	0.019	<0.031	<0.004	<0.004	<0.001	0.018	<0.005	<0.004	<0.002	0.062	--
MAR											
18...	0.060	<0.018	0.011	<0.004	<0.001	0.011	<0.005	<0.004	<0.010	0.065	--
APR											
15...	0.400	<0.018	<0.004	<0.004	<0.001	1.90	<0.005	<0.004	<0.002	E30	--
MAY											
30...	E2.2	<0.018	<0.020	<0.004	<0.001	2.00	<0.005	<0.004	<0.002	E10	<0.01
JUN											
25...	E2.6	<0.018	0.016	<0.004	<0.001	0.230	<0.005	<0.004	<0.002	3.5	--
JUL											
23...	0.920	<0.018	0.023	<0.004	<0.001	0.049	<0.005	<0.004	<0.002	2.4	--
AUG											
20...	1.1	<0.018	<0.004	<0.004	<0.001	0.021	<0.005	<0.004	<0.002	1.5	--
SEP											
05...	E0.680	<0.018	<0.004	<0.004	<0.001	0.177	<0.005	<0.004	<0.002	0.574	--

< Actual value is known to be less than the value shown.
 > Actual value is known to be greater than the value shown.
 E Estimated.

RED RIVER BASIN

07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	2,4-D, TOTAL (μG/L) (39730)	2,4-D, DIS- SOLVED (μG/L) (39732)	2,4,5-T TOTAL (μG/L) (39740)	2,4,5-T DIS- SOLVED (μG/L) (39742)	SILVEX, TOTAL (μG/L) (39760)	SILVEX, DIS- SOLVED (μG/L) (39762)	ALA- CHLOR, WATER, DISS, REC, (μG/L) (46342)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (μG/L) (49235)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (μG/L) (49236)	ACETO- CHLOR, WATER, FLTRD REC (μG/L) (49260)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (μG/L) (49291)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (μG/L) (49292)
FEB 1996												
12...	--	<0.060	--	<0.060	--	<0.036	<0.002	<0.086	<0.060	<0.002	<0.086	<0.030
MAR												
18...	--	0.120	--	<0.035	--	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019
APR												
15...	--	0.340	--	<0.035	--	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019
MAY												
30...	0.050	<0.035	<0.010	<0.035	<0.010	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019
JUN												
25...	--	<0.035	--	<0.035	--	<0.021	<0.002	0.400	<0.035	<0.002	<0.050	<0.019
JUL												
23...	--	<0.035	--	<0.035	--	<0.021	<0.002	1.2	<0.035	<0.002	<0.050	<0.019
AUG												
20...	--	<0.035	--	<0.035	--	<0.021	<0.002	0.150	<0.035	<0.002	<0.050	<0.019
SEP												
05...	--	<0.035	--	<0.035	--	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019
DATE	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (μG/L) (49293)	NEB- URON, WATER, FLTRD, GF 0.7U REC (μG/L) (49294)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (μG/L) (49295)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (μG/L) (49296)	FEN- URON, WATER, FLTRD, GF 0.7U REC (μG/L) (49297)	ESFEN- VAL- ERATE, WAT,FLT GF 0.7U REC (μG/L) (49298)	OCRESOL 4,6- DINITRO WAT,FLT GF 0.7U REC (μG/L) (49299)	DIURON, WATER, FLTRD, GF 0.7U REC (μG/L) (49300)	DINOSEB WATER, FLTRD, GF 0.7U REC (μG/L) (49301)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (μG/L) (49302)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (μG/L) (49303)	
FEB 1996												
12...	<0.040	<0.025	<0.012	<0.029	<0.022	<0.030	<0.060	<0.034	<0.060	<0.055	<0.034	
MAR												
18...	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	
APR												
15...	0.380	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	0.090	E0.030	<0.032	<0.020	
MAY												
30...	E0.460	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	
JUN												
25...	0.430	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	
JUL												
23...	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	E0.030	<0.035	<0.032	<0.020	
AUG												
20...	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.040	<0.035	<0.032	<0.020	
SEP												
05...	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.040	<0.035	<0.032	<0.020	
DATE	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (μG/L) (49304)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (μG/L) (49305)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (μG/L) (49306)	AMIBEN, WATER, FLTRD, GF 0.7U REC (μG/L) (49307)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (μG/L) (49308)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (μG/L) (49309)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (μG/L) (49310)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (μG/L) (49311)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (μG/L) (49312)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (μG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (μG/L) (49314)	
FEB 1996												
12...	<0.029	<0.086	<0.060	<0.060	<0.024	<0.048	<0.014	<0.060	<0.027	<0.027	<0.036	
MAR												
18...	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	
APR												
15...	<0.017	<0.050	<0.035	<0.011	<0.014	0.630	<0.008	<0.035	<0.016	<0.016	<0.021	
MAY												
30...	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	
JUN												
25...	<0.017	<0.050	<0.035	<0.011	<0.014	0.660	<0.008	<0.035	<0.016	<0.016	<0.021	
JUL												
23...	<0.017	<0.050	<0.035	<0.011	<0.014	0.110	<0.008	<0.035	<0.016	<0.016	<0.021	
AUG												
20...	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	
SEP												
05...	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	

< Actual value is known to be less than the value shown.
E Estimated.

RED RIVER BASIN

07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (μG/L) (49315)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (μG/L) (82052)	2, 4-DP TOTAL (μG/L) (82183)	METRI- BUZIN SENCOR WATER DISSOLV (μG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (μG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (μG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (μG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (μG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (μG/L) (82667)
FEB 1996											
12...	<0.060	--	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006
MAR											
18...	<0.035	--	--	<0.004	<0.003	0.0070	<0.004	<0.002	<0.007	<0.002	<0.006
APR											
15...	<0.035	--	--	0.250	<0.003	0.110	<0.004	<0.002	<0.007	<0.002	<0.006
MAY											
30...	<0.035	<0.010	<0.010	0.590	<0.003	0.017	<0.004	<0.002	<0.007	<0.002	<0.006
JUN											
25...	<0.035	--	--	0.038	<0.003	E0.002	<0.004	<0.002	<0.007	<0.002	<0.006
JUL											
23...	0.370	--	--	0.037	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006
AUG											
20...	<0.035	--	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006
SEP											
05...	<0.035	--	--	0.020	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006
DATE	EPTC WATER FLTRD 0.7 U GF, REC (μG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (μG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (μG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (μG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (μG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (μG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (μG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (μG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (μG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (μG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (μG/L) (82678)
FEB 1996											
12...	<0.002	<0.004	<0.010	0.029	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
MAR											
18...	<0.002	<0.004	<0.010	0.010	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
APR											
15...	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	E1.0	<0.013	<0.003	<0.017	<0.001
MAY											
30...	<0.002	<0.004	<0.010	0.028	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
JUN											
25...	<0.002	<0.004	<0.010	0.270	<0.003	<0.002	E0.950	<0.013	<0.003	<0.017	<0.001
JUL											
23...	<0.002	<0.004	<0.010	6.8	<0.003	<0.002	E0.220	<0.013	<0.003	<0.017	<0.001
AUG											
20...	<0.002	<0.004	<0.010	0.118	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
SEP											
05...	<0.002	<0.004	<0.010	0.097	<0.003	<0.002	E0.060	<0.013	<0.003	<0.017	<0.001
DATE	PRO- PANIL WATER FLTRD 0.7 U GF, REC (μG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (μG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (μG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (μG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (μG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (μG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (μG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (μG/L) (82687)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
FEB 1996											
12...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	483	100
MAR											
18...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	126	96
APR											
15...	<0.004	<0.003	<0.002	<0.002	0.220	<0.003	<0.013	<0.001	<0.005	1830	100
MAY											
30...	<0.004	<0.003	<0.002	<0.002	0.061	<0.003	<0.013	<0.001	<0.005	165	92
JUN											
25...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	115	97
JUL											
23...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	130	99
AUG											
20...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	101	96
SEP											
05...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	133	99

< Actual value is known to be less than the value shown.
E Estimated.

RED RIVER BASIN

07370000 BAYOU MACON NEAR DELHI, LA

LOCATION.--Lat 32°27'25", long 91°28'30", in NE 1/4 SE 1/4 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 mi².

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 sea level (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 ft³/s, 706,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,600 ft³/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, 5,340 ft³/s, Apr. 23, gage height, 18.79 ft; minimum gage height not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.85	6.85	6.91	6.99	7.17	7.20	11.49	7.90	7.96	6.56	8.72	7.95
2	6.87	6.91	6.92	7.66	7.34	7.06	9.17	7.89	7.93	6.53	9.48	7.55
3	6.92	6.98	6.95	8.28	7.22	6.96	7.97	7.88	7.94	6.45	9.76	7.30
4	6.90	6.94	6.97	8.04	7.08	6.89	7.52	7.84	7.91	6.33	9.33	7.17
5	6.88	6.92	6.97	7.70	7.00	6.88	7.28	7.83	---	6.37	8.46	7.09
6	6.87	6.91	6.97	8.24	6.99	6.93	7.16	---	---	6.27	7.81	7.03
7	6.85	6.93	6.96	8.79	7.00	6.95	7.08	---	---	6.02	7.41	6.96
8	6.84	6.88	6.95	8.13	7.03	6.88	7.05	---	---	5.86	7.02	6.92
9	6.84	6.86	7.04	7.66	7.04	6.85	7.00	---	---	5.73	6.93	6.89
10	6.85	6.88	7.09	7.40	7.04	6.85	6.96	---	---	5.95	6.96	6.89
11	6.85	6.95	7.18	7.27	7.04	6.85	6.93	7.84	---	6.01	6.97	6.89
12	6.85	6.90	7.15	7.21	6.99	6.86	6.93	8.42	---	5.89	7.06	6.90
13	6.86	6.91	7.10	7.15	6.95	6.89	8.14	7.96	---	5.76	7.10	6.90
14	6.87	6.92	7.07	7.12	6.94	6.88	8.93	7.91	---	6.07	7.15	6.90
15	6.81	6.91	7.04	7.06	6.99	6.88	11.60	7.91	---	6.84	7.19	6.91
16	6.80	6.90	7.11	6.99	6.97	6.88	12.21	7.91	---	7.40	7.19	7.13
17	6.82	6.88	7.34	6.95	6.92	6.89	10.12	7.90	---	7.27	7.12	7.21
18	6.84	6.89	8.44	7.00	6.91	6.93	8.30	7.90	---	7.09	7.10	7.10
19	6.86	6.90	10.07	7.02	6.91	6.96	7.90	7.89	---	6.89	7.07	6.96
20	6.87	6.89	9.63	7.00	6.95	6.96	7.87	7.89	---	6.76	6.82	6.85
21	6.84	6.89	8.75	6.99	6.94	6.96	10.48	7.88	---	6.70	6.62	6.82
22	6.83	6.88	8.04	6.95	6.94	6.92	12.37	7.85	---	6.56	6.49	6.77
23	6.85	6.90	7.61	6.99	6.93	6.89	17.40	7.84	---	6.32	6.39	6.74
24	6.86	6.90	7.37	8.53	6.96	6.88	18.93	7.82	---	6.14	6.28	6.72
25	6.84	6.90	7.23	8.80	6.92	8.49	18.04	7.80	---	6.29	6.16	6.71
26	6.84	6.88	7.13	8.16	6.91	9.72	16.47	---	---	6.48	6.18	6.69
27	6.85	6.90	7.07	7.88	6.91	8.92	14.04	---	---	6.67	6.70	6.92
28	6.88	6.91	7.00	7.54	6.97	8.17	11.14	7.81	6.99	6.89	7.41	7.97
29	6.85	6.87	6.97	7.34	7.10	7.72	8.73	8.04	6.82	7.24	8.22	7.99
30	6.85	6.89	6.95	7.23	---	7.48	7.96	9.56	6.60	7.75	9.07	7.53
31	6.86	---	6.95	7.17	---	10.89	---	8.75	---	8.02	8.50	---
MAX	6.92	6.98	10.07	8.80	7.34	10.89	18.93	---	---	8.02	9.76	7.99
MIN	6.80	6.85	6.91	6.95	6.91	6.85	6.93	---	---	5.73	6.16	6.69

RED RIVER BASIN

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA

LOCATION.--Lat 32°12'25", long 92°48'05", in SW 1/4 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 mi².

PERIOD OF RECORD.--October 1938 to September 1957, October 1977 to current year. November 1957 to September 1977 (annual maximum, daily gage heights, and miscellaneous discharge measurements only).

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

GAGE.--Water-stage recorder. Datum of gage is 116.53 ft above sea level. Prior to Nov. 29, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges. 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. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sep. 30	1330	*2,230	*12.11	No peak above base discharge			

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	25	29	43	126	26	53	190	e19	e50	35	68
2	22	28	27	82	110	25	48	262	e30	e42	118	54
3	22	30	22	179	94	32	46	198	e50	e38	519	44
4	22	30	20	271	85	35	41	119	e90	e34	650	41
5	21	31	21	252	77	36	34	78	e130	e30	785	36
6	23	28	20	192	70	32	32	62	e100	e26	858	32
7	22	27	20	187	67	33	32	53	e80	e20	587	32
8	20	25	24	181	69	33	49	44	e70	e17	258	31
9	20	24	29	163	70	32	73	38	e56	e16	123	30
10	21	24	30	132	72	29	65	35	e46	e15	83	30
11	21	26	32	99	70	30	48	33	e38	e23	186	38
12	20	25	44	81	66	28	33	31	e32	e20	293	67
13	20	24	35	75	60	26	39	e29	e30	e18	204	47
14	20	27	32	66	53	27	79	e28	e26	e17	128	36
15	20	28	34	57	48	27	284	e26	e20	e30	88	31
16	20	27	39	50	44	28	434	e25	e25	e60	57	26
17	21	25	48	45	41	30	465	e25	e23	e90	44	28
18	22	25	145	45	40	30	371	e24	e20	e80	37	28
19	22	25	423	46	39	29	238	e24	e19	e70	34	27
20	20	26	556	48	37	31	154	e24	e20	e56	32	28
21	20	26	616	65	34	60	111	e23	e25	e46	28	37
22	19	26	613	70	34	59	93	e23	e150	e40	28	139
23	20	26	390	68	37	42	177	e23	e250	28	25	212
24	22	27	202	98	35	33	224	e22	e140	26	25	155
25	21	27	107	301	34	29	268	e21	e90	31	25	85
26	18	27	70	512	32	26	262	e21	e75	134	25	55
27	18	27	55	638	30	48	179	e20	e65	171	25	48
28	18	28	48	573	35	126	119	e20	e90	92	49	324
29	20	28	45	348	33	97	94	e20	e75	52	161	937
30	21	29	42	219	---	67	94	e19	e60	38	119	2080
31	26	---	42	158	---	56	---	e19	---	37	84	---
TOTAL	643	801	3860	5344	1642	1242	4239	1579	1944	1447	5713	4826
MEAN	20.7	26.7	125	172	56.6	40.1	141	50.9	64.8	46.7	184	161
MAX	26	31	616	638	126	126	465	262	250	171	858	2080
MIN	18	24	20	43	30	25	32	19	19	15	25	26
AC-FT	1280	1590	7660	10600	3260	2460	8410	3130	3860	2870	11330	9570

e Estimated

RED RIVER BASIN

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA--Continued

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

MEAN	52.0	186	404	769	1053	777	767	684	253	163	38.4	31.3
MAX	495	1534	3981	3195	2499	1619	2748	3347	1482	2121	188	180
(WY)	1995	1942	1983	1945	1946	1995	1991	1953	1950	1989	1955	1957
MIN	2.00	2.33	3.77	20.0	54.0	40.1	63.8	10.8	8.23	2.06	.74	.50
(WY)	1957	1955	1955	1955	1981	1996	1978	1943	1956	1954	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1939 - 1996		
ANNUAL TOTAL	204952			33280					
ANNUAL MEAN	562			90.9			428		
HIGHEST ANNUAL MEAN							893		
LOWEST ANNUAL MEAN							67.3		
HIGHEST DAILY MEAN	25500	Apr	23	2080	Sep	30	36500	Dec	28 1982
LOWEST DAILY MEAN	18	Oct	26	15	Jul	10	.40	Oct	1 1954
ANNUAL SEVEN-DAY MINIMUM	19	Oct	22	18	Jul	8	.40	Oct	1 1954
INSTANTANEOUS PEAK FLOW				2230	Sep	30	41500	Dec	28 1982
INSTANTANEOUS PEAK STAGE				12.11	Sep	30	a21.20	Dec	28 1982
INSTANTANEOUS LOW FLOW				unknown			.40	Aug	31 1954
INSTANTANEOUS LOW STAGE				unknown			2.67	Sep	26 1955
ANNUAL RUNOFF (AC-FT)	406500				66010			310200	
10 PERCENT EXCEEDS	970				199			1080	
50 PERCENT EXCEEDS	48				37			75	
90 PERCENT EXCEEDS	22				21			8.7	

a From flood mark

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.92	4.05	4.28	4.67	6.04	4.20	4.86	6.68	---	---	4.49	4.78
2	3.95	4.16	4.24	5.39	5.84	4.16	4.77	7.58	---	---	5.83	4.49
3	3.97	4.22	4.04	6.69	5.61	4.37	4.73	6.79	---	---	9.26	4.30
4	3.94	4.22	3.97	7.72	5.48	4.46	4.60	5.71	---	---	9.78	4.23
5	3.93	4.25	4.01	7.52	5.35	4.50	4.44	5.09	---	---	10.15	4.10
6	3.98	4.25	3.98	6.86	5.20	4.39	4.37	4.79	---	---	10.30	4.00
7	3.96	4.21	3.95	6.79	5.15	4.40	4.37	4.59	---	---	9.51	3.99
8	3.89	4.15	4.13	6.73	5.20	4.41	4.79	4.42	---	---	7.48	3.95
9	3.88	4.11	4.30	6.50	5.22	4.39	5.27	4.27	---	---	5.76	3.92
10	3.92	4.11	4.31	6.11	5.24	4.30	5.11	4.19	---	---	5.17	3.92
11	3.90	4.20	4.38	5.69	5.21	4.31	4.76	4.13	---	---	6.59	4.13
12	3.88	4.17	4.68	5.41	5.12	4.26	4.41	4.09	---	---	7.92	4.75
13	3.88	4.12	4.46	5.30	5.01	4.19	4.55	---	---	---	6.87	4.35
14	3.88	4.23	4.38	5.13	4.88	4.21	5.31	---	---	---	5.84	4.09
15	3.87	4.24	4.42	4.96	4.77	4.23	7.78	---	---	---	5.25	3.94
16	3.87	4.24	4.57	4.80	4.67	4.26	8.94	---	---	---	4.69	3.81
17	3.90	4.16	4.77	4.70	4.61	4.31	9.10	---	---	---	4.40	3.87
18	3.96	4.14	6.21	4.70	4.58	4.31	8.52	---	---	---	4.24	3.85
19	3.97	4.16	8.83	4.72	4.57	4.30	7.29	---	---	---	4.16	3.82
20	3.90	4.20	9.46	4.77	4.51	4.36	6.20	---	---	---	4.10	3.85
21	3.89	4.19	9.67	5.10	4.43	5.00	5.60	---	---	---	4.00	4.13
22	3.85	4.17	9.66	5.20	4.43	5.00	5.33	---	---	---	4.00	5.86
23	3.86	4.21	8.62	5.16	4.52	4.63	6.51	---	---	4.30	3.90	6.93
24	3.94	4.22	6.96	5.65	4.46	4.41	7.14	---	---	4.23	3.88	6.13
25	3.91	4.21	5.79	7.89	4.45	4.28	7.65	---	---	4.35	3.90	5.08
26	3.79	4.22	5.20	9.29	4.38	4.19	7.58	---	---	6.13	3.88	4.51
27	3.78	4.24	4.91	9.74	4.32	4.70	6.55	---	---	6.62	3.87	4.38
28	3.78	4.24	4.76	9.51	4.47	6.03	5.72	---	---	5.59	4.46	7.77
29	3.86	4.26	4.69	8.35	4.41	5.66	5.35	---	---	4.88	6.26	10.41
30	3.94	4.29	4.64	7.16	---	5.15	5.35	---	---	4.56	5.60	11.96
31	4.09	---	4.63	6.44	---	4.92	---	---	---	4.55	5.07	---
MAX	4.09	4.29	9.67	9.74	6.04	6.03	9.10	---	---	---	10.30	11.96
MIN	3.78	4.05	3.95	4.67	4.32	4.16	4.37	---	---	---	3.87	3.81

RED RIVER BASIN

07372200 LITTLE RIVER NEAR ROCHELLE, LA

LOCATION.--Lat 31°45'15", long 92°20'40", in NW 1/4 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 mi².

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 sea level. 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.--Estimated daily discharges. No auxiliary gage heights Apr. 24 due to manometer malfunction. Records fair. Natural flow is supplemented by effluent from operation of several oil fields upstream from station. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--38 years, 2,338 ft³/s, 16.72 in/yr, 1,694,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108,000 ft³/s, Dec. 29, 1982, gage height, 45.88 ft, from floodmark; minimum discharge, 9.6 ft³/s, Sept. 26, 27, 1980, gage height, 4.87 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 4,150 ft³/s, Apr. 25; minimum discharge 20 ft³/s, Oct. 29, 31, gage height 5.00 ft.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83	23	25	244	724	152	e300	766	e69	e350	e600	e200
2	82	27	25	197	830	166	e360	566	e90	e250	e1200	e400
3	100	39	25	178	975	179	382	433	e140	e180	e2200	e450
4	107	52	24	175	939	217	357	345	e200	e130	e2800	e375
5	104	39	25	206	786	254	307	301	e340	e120	e3300	e275
6	86	30	27	479	613	248	288	299	e330	e105	e3600	e200
7	65	26	28	882	500	223	273	312	e320	98	e3400	e150
8	55	25	31	953	444	201	249	299	e290	99	e3200	124
9	49	27	36	951	413	189	233	257	e250	80	2910	105
10	46	29	43	876	391	201	235	212	e200	77	3040	93
11	43	32	40	764	364	188	221	181	e170	69	2670	82
12	41	34	35	648	336	179	206	161	e155	106	1940	74
13	38	37	37	547	319	170	312	143	e140	121	e1250	67
14	36	41	38	464	301	164	503	134	e120	77	e900	61
15	34	41	37	395	284	154	1860	130	e105	104	e600	58
16	34	37	48	333	264	146	2230	119	e95	117	e500	55
17	41	35	71	280	251	140	2170	108	e190	e175	e450	51
18	40	34	324	244	234	140	1890	103	e170	e280	e400	57
19	35	35	1220	218	222	133	1460	e100	e300	e285	e350	62
20	29	35	1190	195	202	135	993	e97	e900	e275	e250	62
21	26	34	1000	178	189	143	784	e92	e850	e260	e200	77
22	25	32	769	168	184	152	861	e90	e810	e230	e175	e170
23	23	31	660	167	179	163	3120	e85	e760	e190	e125	e200
24	22	30	618	188	168	163	3900	e82	e730	e280	e100	e185
25	21	30	588	220	166	e170	4120	e79	e700	e355	e95	e150
26	21	29	572	327	162	e200	3830	e75	e690	e580	93	94
27	22	29	575	1290	156	e230	3430	e74	e680	e560	84	e110
28	22	27	580	1420	144	e220	3050	e72	e665	e540	82	e180
29	20	28	544	1140	149	e190	2430	e70	e600	e490	84	e360
30	21	27	445	831	---	e200	1340	e70	e450	e375	e80	e550
31	20	---	332	725	---	e240	---	e69	---	e320	e70	---
TOTAL	1391	975	10012	15883	10889	5650	41694	5924	11509	7278	36748	5077
MEAN	44.9	32.5	323	512	375	182	1390	191	384	235	1185	169
MAX	107	52	1220	1420	975	254	4120	766	900	580	3600	550
MIN	20	23	24	167	144	133	206	69	69	69	70	51
AC-FT	2760	1930	19860	31500	21600	11210	82700	11750	22830	14440	72890	10070
CFSM	.02	.02	.17	.27	.20	.10	.73	.10	.20	.12	.62	.09
IN.	.03	.02	.20	.31	.21	.11	.82	.12	.23	.14	.72	.10
CAL YR 1995	TOTAL		1155895	MEAN		3167	MAX		91200	MIN		20
WTR YR 1996	TOTAL		153030	MEAN		418	MAX		4120	MIN		20

e Estimated

RED RIVER BASIN

07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.99	5.06	5.24	7.88	11.37	9.68	10.29	13.07	11.63	9.75	9.07	7.54
2	5.98	5.18	5.23	7.38	11.88	9.65	10.37	11.91	11.94	9.05	18.11	8.59
3	6.26	5.41	5.23	7.10	12.75	9.70	10.44	11.20	12.19	8.39	22.16	9.07
4	6.54	5.65	5.22	7.01	12.62	9.78	10.31	10.74	12.28	7.84	22.35	8.74
5	6.33	5.42	5.25	7.19	12.02	9.85	10.16	10.55	12.23	7.34	22.22	8.02
6	6.04	5.26	5.30	9.13	11.31	9.88	10.15	10.50	12.16	6.88	22.13	7.39
7	5.76	5.18	5.34	12.07	10.81	9.86	10.10	10.48	12.05	6.47	21.80	6.94
8	5.60	5.15	5.38	12.38	10.56	9.79	9.95	10.40	12.06	6.11	21.35	6.60
9	5.52	5.20	5.50	12.27	10.43	9.78	9.93	10.25	12.16	5.86	20.86	6.33
10	5.47	5.26	5.61	11.88	10.36	9.78	9.92	10.09	12.17	5.82	20.04	6.14
11	5.43	5.31	5.57	11.33	10.25	9.76	9.87	9.98	12.18	5.70	18.55	5.99
12	5.38	5.36	5.50	10.70	10.14	9.74	9.85	9.95	12.07	6.19	16.22	5.89
13	5.34	5.41	5.53	10.07	10.08	9.73	10.44	9.89	11.98	6.55	14.07	5.79
14	5.30	5.51	5.55	9.51	9.98	9.72	11.70	9.87	11.93	6.50	12.22	5.70
15	5.26	5.51	5.54	9.01	9.90	9.71	17.65	9.82	11.88	6.45	10.61	5.65
16	5.27	5.44	5.70	8.54	9.81	9.68	18.75	9.80	11.72	6.73	9.70	5.60
17	5.40	5.39	6.01	8.09	9.78	9.70	17.60	9.77	11.54	6.95	9.35	5.56
18	5.39	5.39	9.42	7.76	9.73	9.67	16.39	9.76	11.41	7.79	9.00	5.65
19	5.29	5.41	15.59	7.48	9.71	9.66	15.08	9.75	11.35	8.11	8.57	5.71
20	5.18	5.42	15.46	7.27	9.69	9.68	13.59	9.74	12.46	8.07	8.01	5.72
21	5.11	5.39	13.76	7.08	9.68	9.69	12.64	9.72	13.57	7.93	7.47	5.93
22	5.08	5.36	11.92	6.96	9.67	9.73	12.60	9.70	13.39	7.67	7.06	6.77
23	5.05	5.34	10.92	6.92	9.67	9.77	20.42	9.71	13.46	7.35	6.81	7.28
24	5.02	5.32	10.50	7.10	9.68	9.80	23.65	9.73	13.07	7.97	6.53	7.15
25	5.00	5.33	10.26	7.39	9.66	9.81	23.65	9.88	12.57	9.30	6.30	6.88
26	5.01	5.32	10.10	8.57	9.67	9.99	22.90	10.10	12.23	11.28	6.14	6.52
27	5.03	5.31	10.08	14.19	9.67	10.05	21.32	10.32	11.98	10.78	6.03	6.48
28	5.02	5.27	10.10	15.12	9.69	9.94	19.89	10.52	11.73	10.01	6.00	7.02
29	5.00	5.30	9.94	13.91	9.72	9.87	18.23	10.80	11.29	9.81	6.02	8.31
30	5.00	5.27	9.39	12.23	---	9.98	15.36	11.18	10.54	9.17	6.19	9.66
31	5.00	---	8.62	11.50	---	10.21	---	11.40	---	8.55	6.83	---
MAX	6.54	5.65	15.59	15.12	12.75	10.21	23.65	13.07	13.57	11.28	22.35	9.66
MIN	5.00	5.06	5.22	6.92	9.66	9.65	9.85	9.70	10.54	5.70	6.00	5.56

RED RIVER BASIN

07373000 BIG CREEK AT POLLOCK, LA
(Hydrologic bench-mark station)

LOCATION.--Lat 31°32'10", long 92°24'30", in SW 1/4 SE 1/4 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 mi², approximately.

PERIOD OF RECORD.--January 1942 to current year.

REVISED RECORDS.--WDR LA-75-1: 1958(M), 1966(M).

GAGE.--Water-stage recorder and rain gage, concrete control. Datum of gage is 76.69 ft above sea level. See WDR-LA-88-1 for history of changes prior to Oct. 1, 1988.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 950 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 18	2100	1,330	9.79	Apr 15	0100	*1,400	*9.91

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	29	21	51	54	28	32	38	34	22	27	23
2	18	77	21	42	116	27	28	34	98	22	45	20
3	147	98	21	37	70	27	27	32	34	22	41	19
4	55	41	21	33	52	26	27	30	25	21	27	18
5	29	27	21	36	47	26	26	28	23	20	26	17
6	23	27	21	250	54	31	56	27	21	20	31	17
7	21	26	22	101	52	43	41	26	20	19	28	17
8	20	23	23	57	47	34	32	25	20	19	23	17
9	19	21	52	48	44	29	28	24	19	20	20	17
10	19	28	30	44	42	28	27	24	18	22	23	19
11	18	49	24	41	39	28	25	31	18	21	24	18
12	18	32	23	38	36	27	25	37	17	19	23	17
13	19	25	23	35	37	27	93	27	40	18	23	17
14	27	23	22	34	35	27	364	25	181	30	21	16
15	20	22	25	33	34	27	776	24	84	38	20	17
16	19	21	23	33	32	27	133	23	178	27	18	17
17	18	21	79	33	31	26	74	22	46	25	18	16
18	18	21	715	35	32	29	59	21	98	26	17	15
19	18	21	438	34	34	28	50	20	61	24	21	15
20	17	23	94	32	33	25	43	19	433	20	20	62
21	16	24	62	33	32	24	39	19	110	20	17	120
22	16	22	51	33	31	24	89	18	50	18	18	51
23	16	21	44	33	32	25	620	18	63	18	17	26
24	16	20	40	44	29	24	160	18	54	24	17	21
25	16	20	38	38	28	32	70	17	44	31	16	19
26	16	19	36	185	31	38	57	17	37	28	16	18
27	16	19	35	382	30	51	49	16	31	22	15	27
28	16	21	33	97	30	34	41	16	28	33	23	39
29	16	22	31	67	28	31	51	47	26	48	37	24
30	18	21	34	58	---	53	48	50	24	27	29	20
31	21	---	51	68	---	43	---	25	---	30	24	---
TOTAL	743	864	2174	2085	1192	949	3190	798	1935	754	725	759
MEAN	24.0	28.8	70.1	67.3	41.1	30.6	106	25.7	64.5	24.3	23.4	25.3
MAX	147	98	715	382	116	53	776	50	433	48	45	120
MIN	16	19	21	32	28	24	25	16	17	18	15	15
AC-FT	1470	1710	4310	4140	2360	1880	6330	1580	3840	1500	1440	1510
CFSM	.47	.56	1.38	1.32	.81	.60	2.08	.50	1.26	.48	.46	.50
IN.	.54	.63	1.59	1.52	.87	.69	2.33	.58	1.41	.55	.53	.55

RED RIVER BASIN

07373000 BIG CREEK AT POLLOCK, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 1996, BY WATER YEAR (WY)

MEAN	33.0	48.6	69.7	95.8	110	101	101	85.6	42.6	35.1	25.2	29.0
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	19.4	25.1	23.5	21.5	15.4	10.1	9.22	6.85	5.82
(WY)	1964	1968	1955	1956	1964	1955	1956	1956	1963	1956	1963	1956

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1943 - 1996		
ANNUAL TOTAL	31119			16168					
ANNUAL MEAN	85.3			44.2			64.4 <i>54 3/4 cc</i>		
HIGHEST ANNUAL MEAN							139		
LOWEST ANNUAL MEAN							22.7		
HIGHEST DAILY MEAN	5650	Mar	7	776	Apr	15	10100	May	17
LOWEST DAILY MEAN	14	Sep	10	15	Aug	27	3.9	Sep	28
ANNUAL SEVEN-DAY MINIMUM	15	Sep	6	16	Oct	21	4.1	Sep	24
INSTANTANEOUS PEAK FLOW				1400	Apr	15	23500	Apr	29
INSTANTANEOUS PEAK STAGE				9.91	Apr	15	18.58	Nov	16
INSTANTANEOUS LOW FLOW				14	Aug	26,27	3.7	Sep	29
INSTANTANEOUS LOW STAGE				2.83	Aug	26,27	1.08	Sep	29
ANNUAL RUNOFF (AC-FT)	61720			32070			46660		
ANNUAL RUNOFF (CFSM)	1.67			.87			1.26		
ANNUAL RUNOFF (INCHES)	22.70			11.79			17.16		
10 PERCENT EXCEEDS	101			61			95		
50 PERCENT EXCEEDS	35			27			30		
90 PERCENT EXCEEDS	18			18			13		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.92	3.13	3.02	3.33	3.36	3.09	3.15	3.21	3.12	3.02	3.07	3.01
2	2.93	3.55	3.02	3.26	3.72	3.09	3.10	3.17	3.62	3.01	3.26	2.96
3	3.86	3.67	3.02	3.20	3.47	3.08	3.08	3.15	3.17	2.99	3.24	2.93
4	3.35	3.28	3.02	3.16	3.34	3.07	3.08	3.12	3.06	2.98	3.07	2.91
5	3.11	3.13	3.02	3.20	3.30	3.07	3.07	3.10	3.02	2.96	3.05	2.89
6	3.03	3.13	3.02	4.48	3.36	3.13	3.37	3.09	2.99	2.96	3.12	2.90
7	2.99	3.11	3.03	3.65	3.35	3.26	3.24	3.07	2.97	2.95	3.09	2.89
8	2.98	3.06	3.04	3.38	3.30	3.17	3.15	3.05	2.98	2.94	3.00	2.88
9	2.97	3.02	3.39	3.31	3.27	3.11	3.10	3.04	2.95	2.97	2.96	2.90
10	2.96	3.11	3.16	3.27	3.25	3.10	3.08	3.04	2.94	3.01	3.01	2.94
11	2.96	3.36	3.08	3.24	3.23	3.09	3.06	3.12	2.94	2.99	3.03	2.91
12	2.95	3.19	3.07	3.21	3.19	3.09	3.06	3.20	2.92	2.95	3.02	2.89
13	2.97	3.09	3.06	3.19	3.20	3.09	3.60	3.08	3.10	2.94	3.00	2.89
14	3.09	3.06	3.05	3.17	3.18	3.09	5.20	3.06	4.09	3.10	2.97	2.87
15	2.98	3.04	3.09	3.16	3.17	3.09	7.60	3.04	3.55	3.21	2.95	2.89
16	2.96	3.02	3.05	3.16	3.15	3.08	3.81	3.02	4.05	3.07	2.93	2.90
17	2.95	3.02	3.44	3.16	3.14	3.07	3.50	3.00	3.29	3.04	2.92	2.87
18	2.95	3.02	7.15	3.18	3.14	3.10	3.40	3.00	3.55	3.06	2.90	2.85
19	2.94	3.02	5.76	3.17	3.17	3.09	3.33	2.98	3.39	3.03	2.97	2.85
20	2.93	3.06	3.61	3.14	3.16	3.06	3.27	2.96	5.82	2.97	2.94	3.30
21	2.92	3.07	3.42	3.16	3.14	3.04	3.22	2.96	3.69	2.96	2.90	3.74
22	2.92	3.04	3.34	3.16	3.14	3.04	3.54	2.94	3.33	2.93	2.90	3.32
23	2.92	3.02	3.28	3.16	3.15	3.05	7.13	2.95	3.43	2.92	2.90	3.06
24	2.92	3.00	3.24	3.28	3.11	3.04	3.98	2.93	3.35	3.02	2.89	2.98
25	2.91	3.01	3.21	3.21	3.10	3.15	3.47	2.93	3.27	3.13	2.88	2.96
26	2.92	2.98	3.19	4.18	3.13	3.21	3.39	2.92	3.20	3.09	2.87	2.94
27	2.93	2.99	3.18	5.46	3.13	3.33	3.32	2.90	3.14	3.01	2.84	3.08
28	2.92	3.02	3.16	3.63	3.12	3.17	3.24	2.91	3.10	3.11	2.99	3.22
29	2.92	3.03	3.14	3.45	3.10	3.13	3.33	3.21	3.07	3.30	3.19	3.04
30	2.97	3.01	3.17	3.39	---	3.35	3.31	3.31	3.04	3.07	3.09	2.97
31	3.01	---	3.33	3.46	---	3.26	---	3.05	---	3.12	3.02	---
MAX	3.86	3.67	7.15	5.46	3.72	3.35	7.60	3.31	5.82	3.30	3.26	3.74
MIN	2.91	2.98	3.02	3.14	3.10	3.04	3.06	2.90	2.92	2.92	2.84	2.85

RED RIVER BASIN
07373000 BIG CREEK AT POLLOCK, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1943, 1959, 1965 to current year, discontinued.

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, 31.0 °C July 30 to Aug. 1, 1976; minimum, 2.0 °C Jan. 15, 1969, Jan. 10, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DISSOLVED (MG/L AS Ca) (00915)
DEC 1995 13...	1115	37	6.80	9.5	30	2.0	--	--	150	--	8	1.8
MAY 1996 30...	0630	23	6.10	21.5	50	4.1	7.4	2.5	3700	3600	7	1.6
DATE	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	ALKALINITY WATER WHOLE FIELD (MG/L AS CaCO3) (00410)	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 DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
DEC 1995 13...	0.80	4.6	1.3	13	1.5	4.0	<0.1	--	34	22	<0.01	<0.05
MAY 1996 30...	0.61	--	1.5	8	1.7	3.1	<0.1	15	54	33	<0.01	0.17
DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	DISCHARGE, IN CUBIC FEET PER SECOND (00060)	SEDIMENT, SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. DISCHARGE, SUSPENDED (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)			
DEC 1995 13...	<0.02	<0.2	0.03	<0.01	<0.01	23	7	0.43	99			
MAY 1996 30...	0.02	0.5	0.06	<0.01	<0.01	50	43	5.8	100			
DATE	ALUMINUM, DISSOLVED (µG/L AS AL) (01106)	BARIUM, DISSOLVED (µG/L AS BA) (01005)	COBALT, DISSOLVED (µG/L AS CO) (01035)	IRON, DISSOLVED (µG/L AS FE) (01046)	LITHIUM DISSOLVED (µG/L AS LI) (01130)	MANGANESE, DISSOLVED (µG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (µG/L AS MO) (01060)	NICKEL, DISSOLVED (µG/L AS NI) (01065)	SELENIUM, DISSOLVED (µG/L AS SE) (01145)	SILVER, DISSOLVED (µG/L AS AG) (01075)	STRONTIUM, DISSOLVED (µG/L AS SR) (01080)	VANADIUM, DISSOLVED (µG/L AS V) (01085)
MAY 1996 30...	60	33	<3	430	<4	100	<10	1	<1	<1.0	15	<6
DATE	RADIUM NATURAL 2 SIGMA WATER, DISS. (µG/L) (75990)	URANIUM 226, RA-226 2 SIGMA WATER, DISS. (PCI/L) (76001)	URANIUM 235, DIS-SOLVED, RADON METHOD (PCI/L) (09511)	NATURAL DIS-SOLVED (µG/L AS U) (22703)								
DEC 1995 13...	0.001	0.01	0.04	0.01								

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

RED RIVER BASIN

07373250 HEMPHILL CREEK AT NEBO, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 1996, BY WATER YEAR (WY)

MEAN	38.5	59.2	79.8	91.0	102	84.8	84.6	73.0	44.8	30.0	24.8	27.7
MAX	146	349	507	227	235	162	324	348	94.1	63.2	64.7	84.6
(WY)	1985	1988	1983	1979	1983	1980	1991	1983	1993	1989	1992	1985
MIN	15.3	17.8	18.6	20.2	29.5	20.8	21.0	16.6	14.6	10.4	15.1	13.9
(WY)	1983	1982	1982	1982	1986	1982	1981	1982	1982	1985	1986	1982

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1978 - 1996		
ANNUAL TOTAL	23616			15667			61.5		
ANNUAL MEAN	64.7			42.8			138		
HIGHEST ANNUAL MEAN							22.6		
LOWEST ANNUAL MEAN							9000		
HIGHEST DAILY MEAN	1730	Apr 23		1050	Dec 18		8.5	Dec 27	1982
LOWEST DAILY MEAN	18	Sep 4		17	many days in Aug and Sep		9.1	Aug 13	1985
ANNUAL SEVEN-DAY MINIMUM	18	Sep 6		18	Aug 21		15800	Jul 31	1985
INSTANTANEOUS PEAK FLOW				3710	Apr 22		14.93	Nov 16	1987
INSTANTANEOUS PEAK STAGE				9.60	Apr 22		8.2	Nov 16	1987
INSTANTANEOUS LOW FLOW				17	many days in Aug and Sep			at times in	1985
INSTANTANEOUS LOW STAGE				2.00	many days in Aug and Sep				
ANNUAL RUNOFF (AC-FT)	46840			31080			44570		
ANNUAL RUNOFF (CFSM)	1.83			1.21			1.74		
ANNUAL RUNOFF (INCHES)	24.89			16.51			23.68		
10 PERCENT EXCEEDS	83			49			79		
50 PERCENT EXCEEDS	31			26			28		
90 PERCENT EXCEEDS	20			19			17		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.19	2.47	2.26	2.38	2.35	2.13	2.12	2.55	2.31	2.08	2.19	2.03
2	2.20	2.41	2.26	2.36	3.22	2.13	2.10	2.53	2.43	2.07	2.33	2.03
3	3.18	2.69	2.26	2.33	2.58	2.13	2.09	2.51	2.27	2.07	2.22	2.02
4	2.39	2.32	2.26	2.31	2.41	2.12	2.08	2.49	2.26	2.06	2.16	2.01
5	2.29	2.32	2.26	2.36	2.36	2.13	2.09	2.47	2.25	2.05	2.09	2.01
6	2.26	2.30	2.27	3.60	2.38	2.14	2.41	2.45	2.24	2.05	2.07	2.01
7	2.25	2.28	2.26	2.64	2.39	2.25	2.17	2.43	2.26	2.05	2.06	2.02
8	2.25	2.26	2.35	2.41	2.33	2.12	2.11	2.42	2.24	2.04	2.05	2.07
9	2.25	2.25	2.52	2.35	2.29	2.11	2.09	2.40	2.23	2.04	2.05	2.14
10	2.24	2.32	2.31	2.32	2.26	2.11	2.08	2.39	2.22	2.25	2.13	2.10
11	2.24	2.41	2.28	2.30	2.24	2.11	2.08	2.49	2.22	2.09	2.06	2.02
12	2.24	2.31	2.26	2.27	2.22	2.11	2.09	2.39	2.21	2.33	2.04	2.01
13	2.24	2.28	2.26	2.26	2.21	2.10	2.66	2.36	2.26	2.38	2.03	2.01
14	2.24	2.27	2.25	2.25	2.21	2.10	4.20	2.35	2.30	2.15	2.02	2.01
15	2.23	2.26	2.24	2.24	2.20	2.10	3.59	2.34	2.24	2.16	2.02	2.07
16	2.23	2.26	2.27	2.24	2.19	2.10	2.64	2.33	2.21	2.10	2.02	2.09
17	2.23	2.26	2.79	2.22	2.19	2.09	2.45	2.32	2.18	2.10	2.02	2.01
18	2.23	2.26	5.49	2.26	2.19	2.10	2.37	2.31	2.16	2.10	2.02	2.01
19	2.23	2.25	3.10	2.22	2.22	2.08	2.32	2.29	2.22	2.07	2.01	2.01
20	2.23	2.33	2.59	2.21	2.20	2.07	2.27	2.28	3.09	2.14	2.01	2.14
21	2.22	2.36	2.46	2.22	2.18	2.12	2.22	2.26	2.31	2.05	2.01	2.89
22	2.22	2.28	2.40	2.21	2.18	2.08	3.78	2.26	2.19	2.03	2.02	2.26
23	2.22	2.27	2.38	2.22	2.17	2.07	4.65	2.25	2.21	2.24	2.01	2.16
24	2.22	2.26	2.36	2.55	2.15	2.08	2.98	2.23	2.19	2.53	2.01	2.14
25	2.22	2.25	2.34	2.27	2.15	2.21	2.78	2.23	2.15	2.36	2.01	2.13
26	2.22	2.26	2.33	4.33	2.15	2.42	2.70	2.22	2.13	2.21	2.01	2.12
27	2.23	2.26	2.33	3.32	2.14	2.34	2.63	2.21	2.14	2.12	2.01	2.35
28	2.24	2.29	2.32	2.60	2.14	2.15	2.59	2.21	2.12	2.10	2.07	2.29
29	2.22	2.28	2.31	2.46	2.13	2.12	2.83	2.94	2.09	2.19	2.05	2.15
30	2.25	2.26	2.32	2.39	---	2.37	2.60	2.44	2.08	2.10	2.04	2.13
31	2.24	---	2.43	2.37	---	2.22	---	2.30	---	2.08	2.05	---
MAX	3.18	2.69	5.49	4.33	3.22	2.42	4.65	2.94	3.09	2.53	2.33	2.89
MIN	2.19	2.25	2.24	2.21	2.13	2.07	2.08	2.21	2.08	2.03	2.01	2.01

LOWER MISSISSIPPI RIVER BASIN
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 mi², 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.

REMARKS.--See records of daily discharge for Mississippi River at Tarbert Landing, MS (station 07295100). Corps of Engineers station 01100. All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	PH WATER FIELD WHOLE (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	SETTLE- ABLE MATTER (ML/L/ HR) (50086)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)
OCT 1995												
12...	1030	209,000	506	8.01	27.5	0	19	<1	7.8	0.2	15	K22
17...	1030	266,000	496	7.95	21.0	5	36	<1	8.0	0.4	15	K85
DEC												
06...	1145	286,000	484	7.75	9.5	5	18	<1	10.8	1.7	16	410
FEB 1996												
07...	1010	740,000	323	7.78	2.0	15	290	<1	12.3	3.7	64	1700
MAR												
27...	1100	550,000	328	7.87	9.0	20	78	<1	10.9	2.1	--	620
APR												
16...	1100	604,000	339	7.87	12.0	10	57	<1	9.4	0.8	19	750
MAY												
01...	1215	695,000	408	7.69	17.5	10	69	<1	8.5	0.3	--	1000
17...	0850	873,000	327	7.76	20.0	20	46	<1	7.2	--	--	--
31...	1015	1,000,000	313	7.50	24.0	20	41	<1	8.2	0.8	--	--
JUN												
11...	1100	1,000,000	319	8.08	23.5	20	56	<1	6.2	0.3	--	--
21...	0930	980,000	337	7.31	25.0	10	59	<1	6.6	--	--	--
25...	0900	950,000	337	7.68	34.0	--	39	<1	6.4	0.1	--	--
JUL												
23...	1030	376,000	482	8.17	29.0	5	37	<1	6.9	0.2	20	K20
SEP												
03...	1100	304,000	470	8.03	28.0	5	26	<1	7.4	0.3	--	--
17...	0930	241,000	471	8.14	27.5	5	30	<1	7.9	0.2	21	K53

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

LOWER MISSISSIPPI RIVER BASIN
07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	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)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
OCT 1995												
12...	K25	--	170	43	15	34	4.0	130	80	24	0.2	7.3
17...	K20	K9	180	45	16	31	4.0	132	81	21	0.3	7.4
DEC												
06...	54	K8	170	43	15	29	3.5	125	74	25	0.3	7.2
FEB 1996												
07...	210	580	120	33	8.6	15	2.5	75	36	21	0.2	6.2
MAR												
27...	K140	140	120	33	9.5	14	2.7	88	41	16	0.1	6.8
APR												
16...	120	360	130	36	10	15	2.9	93	43	17	0.2	6.2
MAY												
01...	380	K37	140	37	12	23	3.2	94	56	25	0.2	5.8
17...	--	--	130	36	10	13	3.2	89	42	14	0.2	6.2
31...	72	170	120	34	9.4	10	3.3	89	35	12	0.2	6.7
JUN												
11...	K36	96	130	34	9.7	11	3.1	95	37	12	0.2	6.5
21...	K26	460	150	--	11	11	3.3	102	36	12	0.2	7.6
25...	52	K460	140	37	11	10	3.4	106	36	12	0.2	6.7
JUL												
23...	K9	K3	190	50	16	20	3.9	139	62	19	0.3	7.6
SEP												
03...	14	K48	170	43	14	26	3.9	127	68	22	0.2	6.2
17...	K20	58	170	44	14	28	4.0	129	68	21	0.2	5.6

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDEED (MG/L) (00530)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT 1995											
12...	300	289	170	0.01	<0.01	0.50	0.50	0.02	<0.01	0.44	--
17...	276	285	340	0.01	0.01	0.73	0.73	0.01	<0.01	0.50	--
DEC											
06...	283	274	39	0.01	<0.01	1.3	1.3	0.05	0.03	0.66	--
FEB 1996											
07...	188	174	250	0.03	0.02	1.6	1.6	0.12	0.09	1.0	0.2
MAR											
27...	194	182	--	--	0.04	1.2	1.2	--	0.04	0.3	0.4
APR											
16...	183	193	--	--	0.02	1.4	1.4	--	<0.01	0.4	0.3
MAY											
01...	238	225	--	--	0.01	1.4	1.4	--	0.02	0.8	0.2
17...	--	184	--	--	<0.01	1.2	1.2	--	<0.01	0.5	0.3
31...	203	169	--	--	<0.01	1.1	1.1	--	0.03	0.4	0.3
JUN											
11...	186	178	--	--	<0.01	1.5	1.5	--	0.02	0.6	0.3
21...	195	192	--	--	<0.01	2.1	2.1	--	0.03	0.5	0.3
25...	205	192	--	--	<0.01	2.2	2.2	--	0.03	0.4	0.2
JUL											
23...	283	277	--	--	<0.01	2.4	2.4	--	0.03	0.4	0.3
SEP											
03...	283	266	--	--	<0.01	0.79	0.79	--	<0.01	0.4	<0.2
17...	270	268	84	--	<0.01	0.85	0.85	--	<0.01	0.4	<0.2

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

LOWER MISSISSIPPI RIVER BASIN
07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (μG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (μG/L AS SB) (01095)	ARSENIC TOTAL (μG/L AS AS) (01002)	ARSENIC DIS- SOLVED (μG/L AS AS) (01000)	BARIUM, DIS- SOLVED (μG/L AS BA) (01005)	BERYL- LIUM, TOTAL RECOV- ERABLE (μG/L AS BE) (01012)	BERYL- LIUM, DIS- SOLVED (μG/L AS BE) (01010)
OCT 1995											
12...	0.12	0.07	0.09	0.08	--	--	2	--	71	<0.5	--
17...	0.17	0.07	0.10	0.08	--	--	3	--	--	<0.5	--
DEC											
06...	0.15	0.09	0.12	0.08	<10	--	2	--	64	0.5	--
FEB 1996											
07...	0.42	0.03	0.10	0.03	20	<1	5	<1	46	<0.5	<1
MAR											
27...	0.07	0.10	--	0.08	7	<1	--	<1	45	--	<1
APR											
16...	0.11	0.04	--	0.06	6	<1	2	<1	46	0.7	<1
MAY											
01...	0.37	0.07	--	0.06	3	<1	--	<1	53	--	<1
17...	0.22	0.06	--	0.06	4	<1	--	1	52	--	<1
31...	0.11	0.07	--	0.08	3	<1	--	1	57	--	<1
JUN											
11...	0.20	0.07	--	0.07	5	<1	--	2	57	--	<1
21...	0.17	0.05	--	--	3	<1	--	1	59	--	<1
25...	0.08	0.05	--	--	3	<1	--	1	61	--	<1
JUL											
23...	0.18	0.12	--	0.11	5	<1	3	2	78	<0.5	<1
SEP											
03...	0.15	0.06	--	0.06	4	<1	--	2	74	--	<1
17...	0.18	0.05	--	--	5	<1	2	2	71	<0.5	<1
DATE	BORON, DIS- SOLVED (μG/L AS B) (01020)	CADMIUM TOTAL RECOV- ERABLE (μG/L AS CD) (01027)	CADMIUM DIS- SOLVED (μG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (μG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (μG/L AS CR) (01030)	CHRO- MIUM, HEXA- VALENT, DIS. (μG/L AS CR) (01032)	COBALT, DIS- SOLVED (μG/L AS CO) (01035)	COPPER, TOTAL RECOV- ERABLE (μG/L AS CU) (01042)	COPPER, DIS- SOLVED (μG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (μG/L AS FE) (01045)	IRON, DIS- SOLVED (μG/L AS FE) (01046)
OCT 1995											
12...	--	<1	--	1	--	<1	<3	5	--	1200	<3
17...	--	<1	--	3	--	<1	--	7	--	1900	--
DEC											
06...	--	<1	--	2	--	<1	<3	10	--	1400	19
FEB 1996											
07...	30	--	<1	--	<1	--	<1	--	3	--	33
07...	--	<1	--	8	--	<1	--	10	--	8400	--
MAR											
27...	50	--	<1	--	<1	--	<1	--	2	--	25
APR											
16...	30	--	<1	--	<1	--	<1	--	2	--	6
16...	--	<1	--	4	--	<1	--	6	--	4500	--
MAY											
01...	40	--	<1	--	<1	--	<1	--	2	--	3
17...	40	--	<1	--	<1	--	<1	--	2	--	22
31...	40	--	<1	--	<1	--	<1	--	2	--	4
JUN											
11...	40	--	<1	--	<1	--	<1	--	2	--	9
21...	40	--	<1	--	1	--	<1	--	2	--	4
25...	30	--	<1	--	<1	--	<1	--	2	--	<3
JUL											
23...	50	--	<1	--	1	--	<1	--	2	--	<3
23...	--	<1	--	3	--	<1	--	5	--	200	--
SEP											
03...	60	--	<1	--	1	--	<1	--	2	--	<3
17...	60	--	<1	--	<1	--	<1	--	2	--	<3
17...	--	<1	--	2	--	<1	--	4	--	2200	--

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN
07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	LEAD, TOTAL RECOV- ERABLE (μG/L AS PB) (01051)	LEAD, DIS- SOLVED (μG/L AS PB) (01049)	LITHIUM DIS- SOLVED (μG/L AS LI) (01130)	MANGA- NESE, TOTAL RECOV- ERABLE (μG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (μG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (μG/L AS HG) (71900)	MOLYB- DENUM, DIS- SOLVED (μG/L AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE (μG/L AS NI) (01067)	NICKEL, DIS- SOLVED (μG/L AS NI) (01065)	SELE- NIUM, TOTAL (μG/L AS SE) (01147)	SELE- NIUM, DIS- SOLVED (μG/L AS SE) (01145)
OCT 1995											
12...	2	--	17	180	<1	<0.1	<10	6	1	<1	<1
17...	2	--	--	180	--	<0.1	--	6	--	<1	--
DEC											
06...	1	--	13	--	5	<0.1	<10	3	2	<1	<1
FEB 1996											
07...	12	1	4	500	6	<0.1	<1	15	<1	<1	<1
MAR											
27...	--	<1	<4	--	1	--	1	--	1	--	<1
APR											
16...	4	<1	5	240	2	<0.1	1	1	2	<1	<1
MAY											
01...	--	<1	6	--	<1	--	1	--	3	--	<1
17...	--	<1	5	--	1	--	1	--	3	--	<1
31...	--	<1	<4	--	1	--	2	--	3	--	<1
JUN											
11...	--	<1	<4	--	1	--	1	--	3	--	<1
21...	--	<1	5	--	<1	--	2	--	3	--	<1
25...	--	<1	<4	--	1	--	2	--	2	--	<1
JUL											
23...	3	<1	11	200	<1	<0.1	2	6	2	1	<1
SEP											
03...	--	<1	12	--	<1	--	3	--	3	--	<1
17...	3	<1	12	190	<1	<0.1	3	5	2	1	<1

DATE	SILVER, DIS- SOLVED (μG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (μG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (μG/L AS V) (01085)	ZINC, TOTAL RECOV- ERABLE (μG/L AS ZN) (01092)	ZINC, DIS- SOLVED (μG/L AS ZN) (01090)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (μG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995											
12...	<1	230	4	9	--	8.7	--	--	<0.01	<1	<1
17...	--	--	2	20	--	6.7	--	--	<0.01	<1	<1
DEC											
06...	<1	240	<1	30	--	5.1	--	--	<0.01	<1	<1
FEB 1996											
07...	<1	150	<1	50	7	12	10	1.1	<0.01	<1	<1
MAR											
27...	<1	140	<6	--	<1	--	5.0	2.6	--	--	--
APR											
16...	<1	150	<1	20	1	6.4	2.2	0.4	<0.01	<1	<1
MAY											
01...	<1	180	<6	--	1	--	3.6	3.6	--	--	--
17...	<1	150	<6	--	2	--	4.8	1.2	--	--	--
31...	<1	140	<6	--	<1	--	5.2	--	--	--	--
JUN											
11...	<1	140	<6	--	<1	--	6.2	0.4	--	--	--
21...	<1	160	<6	--	2	--	3.8	1.2	--	--	--
25...	<1	150	<6	--	3	--	3.9	1.5	--	--	--
JUL											
23...	<1	210	2	10	<1	7.5	4.3	1.3	<0.01	3	<1
SEP											
03...	<1	210	9	--	2	--	3.4	0.7	--	--	--
17...	<1	220	3	10	1	5.5	3.4	1.5	<0.01	4	2

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LOWER MISSISSIPPI RIVER BASIN
07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PROP- CHLOR, WATER, DISS, REC (μG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (μG/L) (04028)	SI- MAZINE, WATER, DISS, REC (μG/L) (04035)	PRO- METRYN, WATER, DISS, REC (μG/L) (04036)	PRO- METON, WATER, DISS, REC (μG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (μG/L) (04038)	DEETHYL ATRA- ZINE, WATER, DISS, REC (μG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (μG/L) (04041)	FONOFOS WATER DISS REC (μG/L) (04095)	ALPHA BHC DIS- SOLVED (μG/L) (34253)	P,P' DDE DISSOLV (μG/L) (34653)	PROP- AZINE WATER DISS REC (μG/L) (38535)
OCT 1995												
12...	<0.007	<0.002	0.020	<0.050	E0.015	<0.050	E0.018	E0.049	<0.003	<0.002	<0.006	<0.050
17...	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	--	--	--	<0.050
DEC												
06...	<0.007	<0.002	0.026	<0.050	E0.015	<0.050	E0.018	0.031	<0.003	<0.002	<0.006	<0.050
FEB 1996												
07...	<0.007	<0.002	0.017	<0.050	E0.007	<0.050	E0.013	0.016	<0.003	<0.002	<0.006	<0.050
MAR												
27...	<0.007	<0.002	0.017	--	E0.004	--	E0.017	0.039	<0.003	<0.002	<0.006	--
APR												
16...	<0.007	<0.002	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.003	<0.002	<0.006	<0.050
MAY												
01...	<0.007	<0.002	0.089	--	E0.007	--	E0.021	0.068	<0.003	<0.002	<0.006	--
17...	<0.007	E0.002	0.220	--	E0.008	--	E0.059	0.250	<0.003	<0.002	<0.006	--
31...	<0.007	E0.002	0.140	--	E0.008	--	E0.098	0.880	<0.003	<0.002	<0.006	--
JUN												
11...	<0.007	<0.002	0.153	--	E0.010	--	E0.112	0.915	<0.003	<0.002	<0.006	--
21...	<0.007	E0.002	0.250	--	E0.013	--	E0.160	0.860	<0.003	<0.002	<0.006	--
25...	<0.007	<0.002	0.270	--	E0.012	--	E0.190	0.850	<0.003	<0.002	<0.006	--
JUL												
23...	0.129	0.098	0.184	<0.050	0.140	0.082	E0.156	0.228	0.100	0.088	0.051	<0.050
SEP												
03...	<0.007	<0.002	0.021	--	E0.013	--	E0.047	0.058	<0.003	<0.002	<0.006	--
17...	<0.007	<0.002	0.014	<0.050	E0.009	<0.050	E0.039	0.036	<0.003	<0.002	<0.006	<0.050

DATE	CHLOR- PYRIFOS DIS- SOLVED (μG/L) (38933)	LINDANE DIS- SOLVED (μG/L) (39341)	DI- ELDRIN DIS- SOLVED (μG/L) (39381)	METO- LACHLOR WATER DISSOLV (μG/L) (39415)	MALA- THION, DIS- SOLVED (μG/L) (39532)	PARA- THION, DIS- SOLVED (μG/L) (39542)	DI- AZINON, DIS- SOLVED (μG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (μG/L) (39632)	2,4-D, TOTAL (μG/L) (39730)	2,4,5-T TOTAL (μG/L) (39740)	SILVEX, TOTAL (μG/L) (39760)	ALA- CHLOR, WATER, DISS, REC, (μG/L) (46342)
OCT 1995												
12...	<0.004	<0.004	<0.001	0.079	<0.005	<0.004	0.006	0.190	<0.01	<0.01	<0.01	0.005
17...	--	--	--	0.050	--	--	--	0.060	<0.01	<0.01	<0.01	<0.050
DEC												
06...	<0.004	<0.004	<0.001	0.092	<0.005	<0.004	0.006	0.170	<0.01	<0.01	<0.01	0.008
FEB 1996												
07...	<0.004	<0.004	<0.001	0.033	<0.005	<0.004	<0.002	0.064	0.02	<0.01	<0.01	0.005
MAR												
27...	<0.004	<0.004	<0.001	0.110	<0.005	<0.004	<0.002	0.120	--	--	--	<0.002
APR												
16...	<0.004	<0.004	<0.001	0.080	<0.005	<0.004	<0.002	0.070	<0.01	<0.01	<0.01	<0.050
MAY												
01...	<0.004	<0.004	<0.001	0.490	<0.005	<0.004	0.005	1.10	--	--	--	0.054
17...	<0.004	<0.004	<0.001	0.620	<0.005	<0.004	0.007	2.10	--	--	--	0.036
31...	<0.004	<0.004	<0.001	1.30	<0.005	<0.004	E0.004	3.90	--	--	--	0.053
JUN												
11...	<0.004	<0.004	0.007	1.16	<0.005	<0.004	E0.003	3.65	--	--	--	0.082
21...	<0.004	<0.004	0.006	1.80	<0.005	<0.004	<0.002	4.40	--	--	--	0.120
25...	<0.004	<0.004	0.004	1.40	<0.005	<0.004	0.004	3.50	--	--	--	0.120
JUL												
23...	0.118	0.111	0.091	0.719	0.133	0.116	0.102	1.52	0.01	<0.01	<0.01	0.172
SEP												
03...	<0.004	<0.004	<0.001	0.139	<0.005	<0.004	<0.002	0.372	--	--	--	0.007
17...	<0.004	<0.004	<0.001	0.107	<0.005	<0.004	<0.002	0.285	<0.01	<0.01	<0.01	E0.006

< Actual value is known to be less than the value shown.
E Estimated.

LOWER MISSISSIPPI RIVER BASIN
07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ACETO- CHLOR, WATER FLTRD REC (μG/L) (49260)	2, 4-DP TOTAL (μG/L) (82183)	METRI- BUZIN WATER DISSOLV (μG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (μG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (μG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (μG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (μG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (μG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (μG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (μG/L) (82669)
OCT 1995												
12...	0.005	<0.01	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
17...	--	<0.01	<0.050	--	--	--	--	--	--	--	--	--
DEC												
06...	0.009	<0.01	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	E0.003	<0.004
FEB 1996												
07...	0.005	<0.01	<0.004	<0.003	0.007	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
MAR												
27...	0.027	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
APR												
16...	0.015	<0.01	<0.050	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
MAY												
01...	0.067	--	0.013	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
17...	0.160	--	0.023	<0.003	E0.004	<0.004	<0.002	<0.007	<0.002	<0.006	0.005	<0.004
31...	0.370	--	0.023	<0.003	E0.004	<0.004	<0.002	<0.007	<0.002	<0.006	E0.003	<0.004
JUN												
11...	0.242	--	0.034	<0.003	E0.003	<0.004	<0.002	<0.007	E0.005	<0.006	E0.002	<0.004
21...	0.360	--	0.047	<0.003	E0.003	<0.004	<0.002	<0.007	0.005	<0.006	E0.002	<0.004
25...	0.370	--	0.035	<0.003	E0.003	<0.004	<0.002	<0.007	0.008	<0.006	E0.002	<0.004
JUL												
23...	0.148	<0.01	0.112	0.089	0.100	0.105	0.062	E0.109	0.152	0.103	0.096	0.108
SEP												
03...	0.010	--	0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
17...	<0.002	<0.01	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004
DATE	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (μG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (μG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (μG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (μG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (μG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (μG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (μG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (μG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (μG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (μG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (μG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (μG/L) (82681)
OCT 1995												
12...	E0.018	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.020	<0.002
17...	--	--	--	--	--	--	--	--	--	--	--	--
DEC												
06...	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
FEB 1996												
07...	E0.008	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
MAR												
27...	E0.008	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
APR												
16...	E0.007	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
MAY												
01...	E0.007	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
17...	E0.010	<0.004	<0.003	<0.002	E0.014	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	E0.002
31...	0.010	<0.004	<0.003	<0.002	E0.008	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
JUN												
11...	E0.010	<0.004	<0.003	<0.002	E0.008	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
21...	0.011	0.009	<0.003	<0.002	E0.012	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
25...	E0.012	0.006	<0.003	<0.002	E0.013	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
JUL												
23...	0.126	0.132	0.122	0.101	E0.149	0.078	0.114	0.062	0.103	0.131	E0.198	0.136
SEP												
03...	0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002
17...	0.011	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002

< Actual value is known to be less than the value shown.

E Estimated.

LOWER MISSISSIPPI RIVER BASIN

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	DCPA WATER FLTRD 0.7 U GF, REC (μ G/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (μ G/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (μ G/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (μ G/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (μ G/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (μ G/L) (82687)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (μ G/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (μ G/L) (70954)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995											
12...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--	72	40,600	92
17...	--	--	--	--	--	--	--	--	239	172,000	93
DEC											
06...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--	484	374,000	95
FEB 1996											
07...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--	437	873,000	70
MAR											
27...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--	--	--	--
APR											
16...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	1.0	<0.1	--	--	--
MAY											
01...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--	334	627,000	83
17...	<0.002	0.010	<0.003	<0.013	<0.001	<0.005	0.8	<0.1	--	--	--
31...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.2	<0.1	166	448,000	55
JUN											
11...	<0.002	0.010	<0.003	<0.013	<0.001	<0.005	0.3	<0.1	110	297,000	100
21...	E0.002	0.010	<0.003	<0.013	<0.001	<0.005	0.7	<0.1	264	699,000	69
25...	<0.002	0.009	<0.003	<0.013	<0.001	<0.005	0.5	<0.1	200	513,000	78
JUL											
23...	0.139	0.122	0.120	0.128	E0.228	0.026	1.0	<0.1	191	194,000	93
SEP											
03...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	E0.3	<0.1	158	130,000	93
17...	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.4	<0.1	85	55,300	98

< Actual value is known to be less than the value shown.

E Estimated.

LOWER MISSISSIPPI RIVER BASIN

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)

LOCATION.--Lat 29°56'19", long 90°21'49", T.13 S., R.21 E., St. Charles Parish, Hydrologic Unit 08090100, cross section of river at Luling-Destrehan ferry crossing, 17 mi west of New Orleans, and at mile 120.6.

DRAINAGE AREA.--1,125,800 mi², arbitrarily determined.

PERIOD OF RECORD.--Water years 1958 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1957 to September 1972, October 1974 to September 1975, October 1976 to April 19, 1990.

WATER TEMPERATURES: October 1957 to September 1972, October 1977 to April 19, 1990.

CHLORIDE: October 1974 to September 1975, October 1976 to April 19, 1990.

SULFATE: October 1974 to September 1975, October 1976 to September 1978.

DISSOLVED SOLIDS: October 1978 to April 19, 1990.

REMARKS.--All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 636 micromhos Oct. 12, 1959; minimum daily, 194 micromhos Dec. 18, 1983.

WATER TEMPERATURES: Maximum daily, 38.5 °C July 6, 7, 13, 1984; minimum daily, 2.0 °C Jan. 14, 15, 1984.

CHLORIDE: Maximum daily, 69 mg/L June 24, 1977; minimum daily, 11 mg/L Mar. 22, 1975, June 12, 1983, Mar. 7-10, 12-16, 1989.

SULFATE: Maximum daily, 89 mg/L Oct. 10, 1977; minimum daily, 20 mg/L Feb. 8, Apr. 26, 1978.

DISSOLVED SOLIDS: Maximum, 339 mg/L Nov. 21-30, 1978; minimum, 151 mg/L Mar. 11-20, 1989, Feb. 11-20, 1990.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--

CHLORIDE: Minimum, 8.3 mg/L Dec. 20, 1988.

SULFATE: Minimum, 20 mg/L Mar. 13, 1991.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	SETTLABLE MATTER (ML/L/HR) (50086)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, TOTAL, IMMEDIATE (COLS. PER 100 ML) (31501)
			WATER WHOLE FIELD (STANDARD UNITS) (00400)								
OCT 1995											
18... DEC	1345	553	8.01	22.0	5	22	<1	8.4	16	0.9	280
12... FEB 1996	1200	509	7.86	9.5	20	16	<1	12.8	12	2.5	K1400
06... APR	1030	354	7.81	4.0	15	120	<1	11.3	33	2.9	2000
18... JUL	1130	366	7.65	13.0	10	65	<1	9.6	33	0.9	560
25... SEP	1230	504	8.01	29.0	5	40	<1	6.3	16	0.3	580
18...	1300	500	7.94	28.5	5	15	<1	6.8	20	--	K980
DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
OCT 1995											
18... DEC	190	180	46	16	40	4.2	134	79	36	0.3	8.1
12... FEB 1996	K150	160	40	14	--	--	123	76	31	0.3	--
06... APR	500	130	34	9.8	--	--	79	43	25	0.2	--
18... JUL	130	120	33	10	--	--	92	48	22	0.2	--
25... SEP	190	210	53	18	--	--	146	64	25	0.4	--
18...	K750	180	46	15	--	--	130	70	30	0.4	--

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

LOWER MISSISSIPPI RIVER BASIN
07374400 MISSISSIPPI RIVER AT LULING, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	NITRO- GEN, NITRITE TOTAL (MG/L) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) (00623)	PHOS- PHORUS TOTAL (MG/L) (00665)
OCT 1995											
18...	348	360	0.01	0.01	0.71	0.71	0.01	<0.01	0.45	0.30	0.15
DEC											
12...	319	39	0.02	0.02	1.5	1.4	0.08	0.04	0.52	0.39	0.16
FEB 1996											
06...	210	290	0.04	0.02	1.4	1.4	0.12	0.10	1.0	0.32	0.44
APR											
18...	242	110	--	0.03	1.6	1.6	0.03	0.02	0.67	0.34	0.25
JUL											
25...	304	--	<0.01	<0.01	2.8	2.8	0.02	0.01	0.57	0.29	0.20
SEP											
18...	292	29	<0.01	<0.01	1.0	0.98	<0.01	<0.01	0.33	0.31	0.14

DATE	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)	PHOS- PHORUS ORTHOTOTAL (MG/L) (70507)	PHOS- PHORUS ORTHOTOTAL (MG/L) (00671)	ARSENIC TOTAL (UG/L) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L) (01012)	CADMIUM TOTAL RECOV- ERABLE (UG/L) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) (01034)	CHRO- MIUM, HEXA- VALENT, DIS- SOLVED (UG/L) (01032)	COPPER, TOTAL RECOV- ERABLE (UG/L) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L) (01051)
OCT 1995											
18...	0.10	0.12	0.10	2	<0.5	<1	1	<1	5	1300	2
DEC											
12...	0.10	0.13	0.11	2	<0.5	<1	1	<1	4	1200	1
FEB 1996											
06...	0.04	0.16	0.05	4	<0.5	<1	8	<1	10	8000	11
APR											
18...	0.08	0.08	0.05	2	0.6	<1	4	--	6	3600	4
JUL											
25...	0.09	0.14	--	3	<0.5	<1	3	<1	4	2700	3
SEP											
18...	0.10	0.11	0.10	2	<0.5	<1	1	<1	4	900	1

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) (01067)	SELE- NIUM, TOTAL (UG/L) (01147)	VANA- DIUM, DIS- SOLVED (UG/L) (01085)	ZINC, TOTAL RECOV- ERABLE (UG/L) (01092)	CARBON, ORGANIC TOTAL (MG/L) (00680)	CYANIDE TOTAL (MG/L) (00720)	PHENOLS TOTAL (UG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995										
18...	130	<0.1	3	<1	2	10	4.5	<0.01	<1	<1
DEC										
12...	80	<0.1	3	<1	<1	10	5.6	<0.01	3	<1
FEB 1996										
06...	490	<0.1	16	1	<1	40	10	<0.01	<1	<1
APR										
18...	200	<0.1	5	<1	<1	20	6.3	<0.01	<1	3
JUL										
25...	190	<0.1	7	2	3	20	7.2	<0.01	<1	<1
SEP										
18...	65	<0.1	3	<1	3	6	4.9	<0.01	4	8

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN
07374400 MISSISSIPPI RIVER AT LULING, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS) (01003)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD) (01028)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01029)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU) (01043)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB) (01052)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)
OCT 1995 18...	2	<1	3	2	<10	12	60	3500	<0.01

DATE	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	AMETRYN WATER, DISS, REC, (UG/L) (38401)	ATRA- ZINE, WATER, DISS, REC, (UG/L) (39632)	CYANA- ZINE, WATER, DISS, REC, (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC, (UG/L) (04040)	DEISO- PROPYL ATRAZIN WATER, DISS, REC, (UG/L) (04038)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO- METON, WATER, DISS, REC, (UG/L) (04037)
OCT 1995 18...	<0.05	<0.05	0.07	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DEC 12...	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
FEB 1996 06...	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
APR 18...	<0.05	<0.05	0.13	<0.2	E0.07	<0.05	0.11	<0.05	<0.05
JUL 25...	<0.05	<0.05	1.5	0.4	0.26	0.11	0.58	<0.05	<0.05
SEP 18...	<0.05	<0.05	0.28	<0.2	0.08	<0.05	0.11	<0.05	<0.05

DATE	PRO- METRYN, WATER, DISS, REC (UG/L) (04036)	PROP- AZINE WATER DISS REC (UG/L) (38535)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	2,4-D, TOTAL (UG/L) (39730)	2,4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
OCT 1995 18...	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	--	--
DEC 12...	<0.05	<0.05	<0.05	0.01	<0.01	<0.01	<0.01	--	--
FEB 1996 06...	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	--	--
APR 18...	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	0.3	<0.1
JUL 25...	<0.05	<0.05	0.08	0.01	<0.01	<0.01	<0.01	0.5	<0.1
SEP 18...	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	0.1	<0.1

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	CHLOR- PYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- ELDRIN TOTAL (UG/L) (39380)
OCT 1995 18...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

< Actual value is known to be less than the value shown.
E Estimated.

LOWER MISSISSIPPI RIVER BASIN

07374400 MISSISSIPPI RIVER AT LULING, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	FONOFOS (DY-FONATE)									
	ENDO-SULFAN, TOTAL (UG/L) (39388)	ETHION, TOTAL (UG/L) (39398)	WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	LINDANE TOTAL (UG/L) (39340)	MALA-THION, TOTAL (UG/L) (39530)	METH-OXY-CHLOR, TOTAL (UG/L) (39480)	METHYL-PARA-THION, TOTAL (UG/L) (39600)	
OCT 1995										
18...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
DATE	NAPH-THA-LENES, POLY-CHLOR.									
	MIREX, TOTAL (UG/L) (39755)	CHLOR. TOTAL (UG/L) (39250)	PCB, TOTAL (UG/L) (39516)	PARA-THION, TOTAL (UG/L) (39540)	PER-THANE TOTAL (UG/L) (39034)	PHORATE TOTAL (UG/L) (39023)	TOX-APHENE, TOTAL (UG/L) (39400)	TOTAL TRI-THION (UG/L) (39786)		
OCT 1995										
18...	<0.01	<0.1	<0.1	<0.01	<0.1	<0.01	<1	<0.01		
DATE	BENZO A ANTHRACENE1,2-BENZANTHRACENE									
	ACE-NAPHTH-ENE BOT.MAT (UG/KG) (34208)	ACE-NAPHTH-YLENE BOT.MAT (UG/KG) (34203)	ANTHRA-CENE BOT.MAT (UG/KG) (34223)	BENZO-A-PYRENE BOT.MAT (UG/KG) (34250)	BENZO B-FLUOR-AN-THENE BOT.MAT (UG/KG) (34233)	BENZOGH IPERYL-ENE1,12-BENZOP-ERYLENE BOT.MAT (UG/KG) (34524)	BENZO K-FLUOR-AN-THENE BOT.MAT (UG/KG) (34245)	BIS (2-CHLORO-ETHOXY) METHANE BOT.MAT (UG/KG) (34281)	BIS (2-CHLORO-ETHYL) ETHER BOT.MAT (UG/KG) (34276)	BIS (2-CHLORO-ISO-PROPYL) ETHER BOT.MAT (UG/KG) (34286)
OCT 1995										
18...	<200	<200	<200	<400	<400	<400	<400	<200	<200	<200
DATE	BIS(2-ETHYL-HEXYL) PHTHAL-ATE									
	CHRY-SENE BOT.MAT (UG/KG) (34323)	DIETHYL PHTHAL-ATE BOT.MAT (UG/KG) (34339)	DI-N-BUTYL PHTHAL-ATE BOT.MAT (UG/KG) (39112)	DI-N-OCTYL PHTHAL-ATE BOT.MAT (UG/KG) (34599)	DI-METHYL PHTHAL-ATE BOT.MAT (UG/KG) (34344)	FLUOR-ANTHENE BOT.MAT (UG/KG) (34379)	FLUOR-ENE BOT.MAT (UG/KG) (34384)	HEXA-CHLORO-BENZENE TOT. IN BOTTOM MATL. (UG/KG) (39701)	HEXA-CHLORO-BUT-ADIENCE BOT.MAT (UG/KG) (39705)	HEXA-CHLORO-CYCLO-PENT-ADIENE BOT.MAT (UG/KG) (34389)
OCT 1995										
18...	<200	<400	<200	<200	<400	<200	<200	<200	<200	<200
DATE	N-BUTYL BENZYL PHTHAL-ATE									
	HEXA-CHLORO-ETHANE BOT.MAT (UG/KG) (34399)	INDENO (1,2,3-CD) PYRENE BOT.MAT (UG/KG) (34406)	ISO-PHORONE BOT.MAT (UG/KG) (34411)	N-BUTYL BENZYL PHTHAL-ATE BOT.MAT (UG/KG) (34295)	N-NITRO-SODI-METHY-LAMINE BOT.MAT (UG/KG) (34441)	N-NITRO-SODI-N-PROPYL-AMINE BOT.MAT (UG/KG) (34431)	N-NITRO-SODI-PHENY-LAMINE BOT.MAT (UG/KG) (34436)	NAPHTH-ALENE BOT.MAT (UG/KG) (34445)	NITRO-BENZENE BOT.MAT (UG/KG) (34450)	PARA-CHLORO-META-CRESOL BOT.MAT (UG/KG) (34455)
OCT 1995										
18...	<200	<400	<200	<200	<200	<200	<200	<200	<200	<600
DATE	N-NITRO-SODI-PHENY-LAMINE									
	PHENAN-THRENE BOT.MAT (UG/KG) (34464)	PHENOL (C6H-5OH) BOT.MAT (UG/KG) (34695)	PYRENE BOT.MAT (UG/KG) (34472)	1,2-DI-CHLORO-BENZENE BOT.MAT (UG/KG) (34539)	1,2,4-TRI-CHLORO-BENZENE BOT.MAT (UG/KG) (34554)	1,2,5,6-DIBENZ-ANTHRA-CENE BOT.MAT (UG/KG) (34559)	1,3-DI-CHLORO-BENZENE BOT.MAT (UG/KG) (34569)	1,4-DI-CHLORO-BENZENE BOT.MAT (UG/KG) (34574)	2-CHLORO-NAPH-THALENE BOT.MAT (UG/KG) (34584)	2-CHLORO-PHENOL BOT.MAT (UG/KG) (34589)
OCT 1995										
18...	<200	<200	<200	<200	<200	<400	<200	<200	<200	<200

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN
07374400 MISSISSIPPI RIVER AT LULING, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	2,4-DP, IN BOTTOM MAT. (UG/KG) (34609)	2,4-DI- CHLORO- PHENOL BOT.MAT (UG/KG) (34604)	2,4- DI- NITRO- PHENOL BOT.MAT (UG/KG) (34619)	2,4-DI- NITRO- TOLUENE BOT.MAT (UG/KG) (34614)	2,6-DI- NITRO- TOLUENE BOT.MAT (UG/KG) (34629)	2,4,6- TRI- CHLORO- PHENOL BOT.MAT (UG/KG) (34624)	4- BROMO- PHENYL ETHER BOT.MAT (UG/KG) (34639)	4- CHLORO- PHENYL ETHER BOT.MAT (UG/KG) (34644)	4- NITRO- PHENOL BOT.MAT (UG/KG) (34649)	4,6- DINITRO- -ORTHO- CRESOL BOT.MAT (UG/KG) (34660)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)
OCT 1995 18...	<200	<200	<600	<200	<200	<600	<200	<200	<600	<600	<0.1
DATE	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39399)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)
OCT 1995 18...	<1	0.6	0.3	0.1	<0.2	0.2	<0.1	<0.1	<0.2	<0.1	<0.01
DATE	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39531)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39758)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39541)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)
OCT 1995 18...	<0.1	<0.2	<0.8	<0.2	<0.1	<0.2	2	<1.0	<1	<10	<0.2

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

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 current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is sea level. Prior to Oct. 1, 1995, datum of gage was 8.4 ft below sea level. (Levels determined by Global Positioning System).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.25 ft, Oct. 4, 1995; minimum, -3.06 ft, revised, Mar. 13, 1993.

REVISIONS.--Minimum elevation has been revised to reflect the datum used prior to Oct. 1, 1995.

EXTREMES FOR CURRENT PERIOD.--Maximum elevation, 5.25 ft, Oct. 4; minimum, -2.56 ft, Mar. 19.

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.28	1.71	2.40	2.39	1.74	2.02	---	---	---	2.36	.77	1.57
2	2.93	1.10	2.09	2.69	1.68	2.15	1.35	.15	.80	2.02	-.55	.39
3	2.96	1.51	2.35	2.92	1.59	2.14	1.23	-.02	.71	1.03	-1.16	-.27
4	5.25	.87	3.36	2.60	1.96	2.21	1.38	-.30	.59	1.52	-.55	.50
5	2.65	.95	2.07	2.58	1.40	2.05	1.34	-.37	.54	1.59	-.46	.59
6	1.67	.58	1.16	2.46	.72	1.66	1.38	-.57	.41	1.59	.00	.64
7	2.12	.83	1.49	2.40	.56	1.34	2.15	-.47	.67	.28	-1.55	-.84
8	1.67	.64	1.30	2.48	1.15	1.66	2.15	.27	1.22	.11	-1.72	-.96
9	1.62	.29	1.03	2.50	1.00	1.76	1.98	.13	.83	.09	-1.22	-.53
10	2.12	.50	1.25	2.60	.72	1.65	1.41	.38	.87	.46	-.86	-.16
11	2.39	1.14	1.76	2.60	-.53	1.11	1.30	-.16	.45	.42	-.02	.25
12	2.52	1.37	2.00	2.15	.49	1.27	1.65	.11	.75	.30	-.25	-.01
13	2.45	1.12	1.73	1.94	.58	1.23	1.71	.57	1.06	.35	-.27	.00
14	2.26	.61	1.32	1.88	.91	1.35	1.37	.51	.95	.86	-.73	.12
15	2.64	.84	1.70	1.88	.74	1.21	1.24	.36	.82	1.46	-.40	.54
16	1.78	.45	1.11	1.33	.52	.91	1.64	.61	1.07	1.61	-.27	.69
17	1.95	.99	1.49	1.82	1.25	1.41	2.26	.65	1.47	2.41	.13	1.21
18	2.03	1.26	1.73	1.84	1.10	1.50	2.43	1.28	1.82	2.28	-.21	1.10
19	2.01	1.45	1.70	1.96	1.02	1.53	1.70	-1.49	-.18	1.74	-2.36	-.50
20	2.01	.78	1.27	2.16	.67	1.48	1.46	-.94	.12	1.80	-.19	.65
21	1.54	.80	1.18	1.99	.31	1.25	1.97	-.53	.62	1.82	-.37	.76
22	1.89	.21	1.04	2.21	.66	1.38	2.07	.05	1.01	1.54	-.17	.69
23	2.04	.58	1.42	2.27	-.12	1.13	2.07	-.17	.75	1.47	.07	.81
24	2.04	.48	1.30	2.37	.22	1.19	1.54	-.65	.31	1.55	.20	.81
25	2.08	.74	1.45	2.47	.15	1.22	1.02	-.66	.22	1.93	.78	1.47
26	2.35	.48	1.41	1.82	.04	.97	.79	-.06	.33	1.83	.83	1.50
27	2.52	.45	1.41	1.90	.22	1.11	.82	-.03	.49	1.23	-.20	.56
28	2.14	.55	1.35	1.99	.53	1.22	1.10	.52	.93	1.66	.51	1.15
29	2.17	1.11	1.69	1.49	.73	1.06	1.31	.73	1.00	1.75	.03	.91
30	2.73	1.02	1.71	1.29	.77	.95	1.66	.57	1.10	1.42	.08	.84
31	3.01	1.00	1.88	---	---	---	1.94	.50	1.21	1.73	-.41	.76
MONTH	5.25	.21	1.62	2.92	-.53	1.44	---	---	---	2.41	-2.36	.49

MISSISSIPPI RIVER DELTA

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.26	.45	1.31	1.74	.72	1.36	.48	.22	.35	1.04	.27	.76
2	2.07	.48	1.03	1.54	.31	.81	.74	-.20	.33	1.08	-.08	.65
3	1.18	-.09	.34	1.00	-.35	.38	.63	-.04	.31	1.30	-.11	.74
4	.39	-.79	-.38	1.33	.01	.60	1.33	.21	.83	1.46	-.17	.80
5	.66	-.70	-.03	1.39	.65	1.05	1.68	.44	1.12	1.68	-.17	.87
6	1.09	-.36	.40	1.54	.82	1.13	1.81	.19	1.24	1.72	-.15	.90
7	1.12	.09	.66	1.14	-.62	.25	2.05	.19	1.13	1.86	-.08	.99
8	.94	.32	.71	.36	-.81	-.16	1.72	.01	.94	1.96	.33	1.16
9	1.06	.36	.67	.75	-.80	.06	1.83	-.50	.83	2.16	.45	1.34
10	1.13	.18	.65	1.10	-.80	.34	1.89	.20	1.09	1.66	.65	1.14
11	.95	.03	.48	.97	-.60	.32	1.18	-.22	.55	1.15	.42	.76
12	1.05	-.51	.44	1.13	-.82	.29	1.34	-.07	.66	1.39	.63	.95
13	.81	-.35	.26	1.48	-.57	.56	1.33	.39	.89	1.32	.46	.90
14	.97	-.96	.15	1.37	-.27	.66	1.41	.53	1.01	1.20	.38	.84
15	1.51	-.68	.38	1.40	-.32	.68	1.55	-.48	.67	1.42	.38	.99
16	1.04	-1.12	-.20	1.48	.04	.86	1.54	-.04	.84	1.56	.20	1.06
17	.60	-.91	-.08	1.68	.34	1.07	1.15	.09	.63	1.50	.21	.92
18	1.32	-1.22	-.09	1.69	-2.35	.76	1.36	.17	.88	1.64	.01	.97
19	1.40	.01	.60	-1.09	-2.56	-1.78	1.54	.19	.96	1.52	.01	.85
20	.92	.18	.66	-.58	-1.95	-1.30	1.71	.27	1.18	1.71	.07	.95
21	1.05	.17	.55	.02	-1.21	-.54	2.09	.73	1.40	1.73	.16	1.04
22	.83	.15	.61	.68	-1.19	-.06	1.95	.99	1.48	1.63	.02	.79
23	.76	-.05	.38	1.27	-.79	.44	1.58	.65	1.06	1.29	.01	.68
24	1.01	-.20	.41	1.67	.22	1.06	2.20	.65	1.49	1.27	.08	.80
25	1.12	-.38	.43	1.84	.59	1.25	1.25	.34	.81	1.26	.47	.92
26	1.12	-.14	.52	2.64	1.40	1.96	1.19	.13	.62	1.15	.59	.87
27	1.33	.02	.73	2.64	.85	1.68	1.46	.08	.88	1.17	.27	.68
28	1.82	-.18	.68	1.55	.47	1.01	1.38	.70	1.07	1.06	-.02	.56
29	1.99	.78	1.43	1.38	.00	.85	---	---	---	2.00	-.15	.90
30	---	---	---	1.92	.51	1.39	1.53	-.35	.60	1.73	.02	1.01
31	---	---	---	1.40	.48	.94	---	---	---	2.28	.07	1.27
MONTH	2.26	-1.22	.47	2.64	-2.56	.58	---	---	---	2.28	-.17	.91

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.40	.34	1.68	1.92	-.20	.96	1.66	.26	1.05	1.61	.83	1.25
2	2.24	.13	1.46	2.07	-.20	1.03	1.13	.46	.85	1.43	.71	1.06
3	2.06	.13	1.26	1.89	-.01	.98	1.12	.56	.83	1.40	.36	.87
4	1.99	.15	1.13	1.63	.00	.98	1.16	.68	.95	1.34	.54	1.00
5	1.74	.11	.99	1.23	.46	.97	1.52	.80	1.12	1.80	.36	1.19
6	1.55	.13	.95	1.01	.52	.80	1.81	.60	1.26	1.55	.11	.90
7	1.08	.30	.66	1.01	.04	.58	2.09	.75	1.47	1.26	.11	.79
8	.75	.21	.52	.90	-.54	.24	1.80	.24	1.13	1.35	.06	.86
9	1.11	.22	.62	.95	-.24	.39	1.15	-.21	.71	1.38	.15	.89
10	.99	.41	.75	1.26	.09	.69	1.92	.04	1.04	1.29	.52	.91
11	1.38	.49	.99	1.92	-.09	.94	1.75	.07	.96	1.77	.69	1.18
12	1.67	.00	1.02	1.63	.09	.86	1.13	-.15	.60	1.64	.84	1.17
13	1.55	-.10	.82	1.55	-.13	.88	1.27	.09	.67	1.63	.96	1.24
14	1.55	-.15	.81	1.63	.00	.96	1.49	.24	.92	1.98	1.22	1.57
15	1.60	-.13	.89	1.40	-.05	.74	1.54	.39	1.03	1.84	1.20	1.55
16	1.49	-.05	.79	---	---	---	1.42	.58	1.05	1.84	.33	.95
17	1.87	.03	1.05	2.04	.68	1.43	1.47	.79	1.16	1.39	.28	.86
18	1.71	.06	.98	1.75	.60	1.26	1.40	.86	1.19	1.93	.83	1.32
19	1.42	.06	.76	1.36	.23	.96	1.64	.85	1.25	2.13	.59	1.36
20	1.23	.10	.76	.91	.09	.61	2.58	1.64	1.92	2.09	.49	1.35
21	1.13	-.10	.70	.69	-.17	.34	3.10	2.12	2.44	2.05	.04	1.07
22	1.01	-.12	.44	.45	-.23	.14	3.19	1.81	2.49	2.34	.55	1.45
23	.86	.04	.47	.90	-.27	.22	2.61	1.03	1.87	2.03	.47	1.34
24	.81	-.03	.40	1.11	-.22	.58	2.19	.40	1.48	1.68	.70	1.22
25	1.04	.16	.55	1.29	-.26	.61	2.03	.26	1.24	1.81	1.07	1.39
26	.93	-.21	.43	1.69	-.09	.89	1.79	.06	1.11	1.93	1.28	1.61
27	1.41	-.92	.37	2.06	-.05	1.15	1.80	.13	1.07	1.90	1.24	1.59
28	1.67	-.34	.81	1.87	-.12	.97	1.87	.25	1.07	2.07	.90	1.57
29	1.67	-.23	.85	2.01	.07	1.11	1.60	.26	1.02	2.21	1.64	1.84
30	1.96	-.17	1.03	2.04	.15	1.18	1.68	.53	1.16	2.39	1.51	1.92
31	---	---	---	1.84	.19	1.04	1.54	.71	1.05	---	---	---
MONTH	2.40	-.92	.83	---	---	---	3.19	-.21	1.20	2.39	.04	1.24

MISSISSIPPI RIVER DELTA
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.

REMARKS.--The specific conductance values above 32,800 microsiemens were calculated from salinity values.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 37,200 microsiemens, Nov. 2, 1995; minimum daily mean, 291 microsiemens, Mar. 3, 1994.

WATER TEMPERATURE: Maximum daily, 33.5° C, Aug. 19, 1995; minimum daily, 2.3°C Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 37,200 microsiemens, Nov. 2; minimum daily, 3,590 microsiemens, Mar. 20.

WATER TEMPERATURE: Maximum daily, 33.1° C, July 6; minimum daily, 2.3°C Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	35100	33000	34600
2	---	---	---	37200	30200	32200	26700	21400	24300	34900	25700	30800
3	---	---	---	34100	28300	31000	26400	23300	24600	30100	16900	21600
4	---	---	---	34500	29300	32000	27000	21300	23900	33200	22700	28200
5	---	---	---	35300	26200	31200	27000	20400	23700	33400	28300	30500
6	---	---	---	33100	24800	29200	26000	19500	22400	33500	26900	30200
7	---	---	---	33100	23000	26500	28600	19300	22800	26900	13000	17100
8	---	---	---	31400	24800	26900	29900	25700	27600	24700	13100	19100
9	---	---	---	32400	26100	29600	31600	24600	27200	29900	17900	23500
10	---	---	---	32300	25200	28000	33400	30000	31700	31400	20000	25700
11	---	---	---	30400	17200	24700	33900	25700	28800	31700	24700	27900
12	---	---	---	30900	22700	27300	35100	27700	30500	27600	22500	25000
13	---	---	---	29300	20200	26000	35400	31400	33600	28700	24600	27000
14	---	---	---	31300	24800	27200	35300	31100	33200	27400	24000	25600
15	---	---	---	32800	22500	28700	34300	27300	31300	29300	24800	26800
16	---	---	---	31100	26700	28800	34100	28300	31300	30500	26300	28400
17	---	---	---	31700	29200	31200	34900	31900	33800	31600	25200	29700
18	---	---	---	32300	31300	31600	34800	33700	34200	31600	27100	29700
19	---	---	---	32400	31100	31700	34300	20100	26100	30600	18400	24000
20	---	---	---	32400	30600	31500	31700	19200	24700	31600	28000	29500
21	---	---	---	31800	29100	30600	34200	25500	29700	31800	28800	30500
22	---	---	---	31800	30300	31200	34100	30500	32800	32000	28500	30400
23	---	---	---	31900	26700	29600	34100	29700	32200	31300	27800	29800
24	---	---	---	31700	25900	29200	33500	25100	29500	30500	26400	28400
25	---	---	---	31200	26200	29000	31900	25000	29000	34600	28700	32200
26	---	---	---	30000	25300	27300	30500	25900	27500	34000	29800	32600
27	---	---	---	29600	25700	27600	31200	27500	30000	31000	26000	28300
28	---	---	---	28800	25700	27300	33400	31200	32800	34200	28600	31900
29	---	---	---	27700	26400	27200	34400	30900	32800	32500	20900	27600
30	---	---	---	28500	26400	27700	35600	30500	33400	31000	21700	27000
31	---	---	---	---	---	---	35600	32300	34600	27200	16900	22500
MONTH	---	---	---	37200	17200	29000	35600	19200	29300	35100	13000	27600

MISSISSIPPI RIVER DELTA

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	31200	25200	27000	24600	14000	20100	20600	17800	18800	17100	11800	14400
2	31200	24100	26600	27200	10100	16700	25700	16900	21800	13600	10500	12400
3	26000	9020	16700	---	---	---	22900	16900	19200	13200	10400	12000
4	19800	4540	11000	18500	5910	10800	22300	18100	20900	13700	10400	12300
5	27000	5560	18200	17200	13000	14200	23900	19700	22100	14200	10800	12500
6	34000	11300	23000	---	---	---	25400	19400	22500	14000	10900	12600
7	33700	21000	28300	13900	3840	8430	25500	19100	22400	14600	11500	12800
8	30700	11100	24500	15200	5420	11100	24500	19100	21300	14500	12100	13300
9	27600	12900	20900	21100	3840	15700	24200	15500	20400	16000	12800	14200
10	29700	10900	22400	30600	10700	24000	25100	18800	22000	15400	14100	14700
11	29800	10900	23900	31100	18100	26200	21600	18000	19900	14900	11200	13200
12	25800	16000	21600	29600	16300	25900	21000	17300	19100	15200	11200	13500
13	23500	17200	21400	29800	20100	26500	21000	18200	18900	15300	10300	13800
14	20700	11400	16200	29300	24500	27600	19000	16700	18200	12800	10300	11700
15	20700	12700	16500	29300	23900	26500	19000	10300	15600	14000	11700	12800
16	19300	4330	12300	27800	23000	24900	20900	10400	16300	14400	12400	13600
17	17000	6900	12000	26300	23000	24400	16700	12900	14700	14200	12300	13600
18	15800	4090	9740	25300	17000	23900	16700	13000	15300	14300	12300	13400
19	18600	10600	14000	17000	4980	8800	16700	12200	14800	14600	12400	13300
20	16400	11000	14700	12700	3590	6360	16900	11700	14800	14500	12400	13600
21	15500	7950	11800	19400	4300	16200	17900	14700	16200	14600	12600	13600
22	11700	5000	9350	25600	11900	20400	---	---	---	14000	11500	13000
23	11000	4820	8570	27200	19700	23900	16400	14400	15400	13800	11000	12600
24	17700	4260	11900	28000	25500	27000	17100	14400	16000	13600	10900	12700
25	13700	4930	10400	27400	25900	26700	16000	13900	14700	13500	12500	13200
26	13500	6800	9740	30500	27400	29200	13900	10900	12400	13500	12700	13100
27	13200	8120	10300	29900	25300	27900	14700	8870	12100	12700	11700	12200
28	18800	5530	9470	25800	23100	24900	14900	13300	14200	12600	9850	11900
29	26300	13000	19900	24200	20100	22400	---	---	---	12800	10900	12200
30	---	---	---	25000	22100	24000	18000	7540	12900	12700	10900	12200
31	---	---	---	24800	20200	22800	---	---	---	15000	12200	13600
MONTH	34000	4090	16600	31100	3590	20900	25700	7540	17600	17100	9850	13000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	16900	12300	15000	17400	14100	15800	22600	17000	20100	23600	17600	20500
2	17100	13300	15800	18000	12800	15700	21300	16800	18100	22600	17900	19300
3	16000	12800	14700	17100	14100	15600	21000	16700	18800	19600	16700	18300
4	15600	12500	14100	16400	14500	15500	21500	17900	20200	19700	17600	18900
5	14900	11200	13600	15600	14600	15200	23200	20200	21500	25600	19100	22500
6	14300	12600	13500	14600	13600	14300	25600	21200	23000	27200	18800	22700
7	13500	12400	12900	14100	12200	13300	26700	21800	24600	21500	18300	20100
8	12400	10900	11700	14600	10200	12400	25100	18500	23400	22000	18500	20600
9	12900	10400	11900	13600	10200	11600	23200	14100	20000	25700	19600	22300
10	13600	11100	12800	14000	10500	12700	24000	14100	20200	25700	20300	23700
11	14900	13000	14100	16800	12200	14000	23600	16700	20500	28000	20700	24400
12	15700	12500	14600	19100	12800	15200	19100	14300	16900	27300	22800	24900
13	16000	11700	14100	17700	13300	15500	19400	14100	16800	27500	24400	25800
14	15200	11700	13900	17900	13000	16100	23200	14300	19100	31000	26500	28700
15	15600	11700	14100	16700	13000	14800	24500	17900	20900	30700	27700	29400
16	14900	12000	13700	---	---	---	24200	18800	21600	29700	22400	26000
17	16400	12500	14500	20200	16400	18500	24200	18800	21500	26300	21500	23700
18	16000	13600	14900	19700	17400	18500	23800	22600	23400	25900	23800	24800
19	15400	13300	14100	17700	15400	16900	25600	21800	23600	27800	24900	25900
20	14500	12800	13700	15600	12700	15100	28800	25600	27500	28000	24400	26100
21	14100	11900	13300	14300	11500	13000	31400	28200	29300	27200	20700	24600
22	13800	10700	12200	12500	10700	11800	31400	29200	30600	27200	21700	25400
23	13000	10400	11800	14100	10700	11600	31000	26800	29000	27200	24100	25600
24	13200	10200	11600	18700	12000	15000	28300	24000	26900	25700	23800	24600
25	13500	10100	12100	18000	11700	15100	26800	21000	24900	26200	24400	25200
26	13000	10100	11700	22800	12400	18600	25000	20000	23500	27300	25200	26400
27	16500	9420	12600	27300	15600	22500	24600	19900	22600	27200	25400	26100
28	17300	9420	13900	25600	17400	21400	24200	19600	22100	27700	25100	26400
29	17300	12200	14800	25600	17700	21600	23800	19600	21700	31000	27200	28500
30	17600	12200	15500	25400	18300	21600	23600	20000	21600	32000	27000	29900
31	---	---	---	21200	18300	19700	22400	17400	19800	---	---	---
MONTH	17600	9420	13600	27300	10200	16000	31400	14100	22400	32000	16700	24400

MISSISSIPPI RIVER DELTA

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.4	24.8	23.6	---	---	---	---	---	---	10.7	9.5	10.3
2	26.7	26.1	24.6	23.0	20.4	22.0	16.9	15.6	16.3	12.5	10.7	11.6
3	26.8	25.7	24.9	22.4	19.6	21.4	17.6	16.3	16.9	11.5	9.7	10.8
4	25.8	25.3	24.5	19.6	16.3	17.8	18.8	17.2	18.1	10.5	9.2	9.9
5	24.7	24.7	22.7	16.3	15.6	16.0	20.0	18.3	19.2	11.6	9.9	10.8
6	24.5	23.0	21.2	17.4	16.0	16.6	21.1	19.1	20.3	11.9	11.0	11.5
7	23.3	21.3	20.0	18.8	17.3	18.0	20.6	18.5	20.0	11.0	6.2	8.7
8	23.2	20.6	19.4	18.2	16.9	17.6	18.9	18.0	18.5	6.2	3.9	5.1
9	23.4	21.9	20.4	17.5	15.9	16.8	18.7	14.2	17.0	7.0	4.2	5.5
10	23.9	22.6	21.1	18.4	16.7	17.5	14.2	10.9	11.9	8.1	6.4	7.0
11	24.5	21.7	20.4	18.7	16.4	17.9	11.0	8.9	9.9	8.5	6.8	7.7
12	24.8	21.3	20.0	16.4	15.1	15.7	11.1	9.5	10.4	10.0	7.9	8.9
13	25.9	22.2	20.7	16.8	14.8	15.6	13.0	11.1	11.9	9.7	8.5	9.1
14	24.9	23.1	21.5	16.1	15.2	15.6	14.3	12.3	12.8	10.7	9.7	10.1
15	22.7	23.7	21.9	15.9	14.5	15.2	16.4	13.5	14.3	12.2	10.5	11.4
16	20.9	25.3	22.6	17.0	15.6	16.1	17.2	15.0	16.1	13.5	11.7	12.7
17	21.7	26.3	23.4	16.7	15.5	16.2	17.5	16.1	16.9	14.4	13.2	13.8
18	22.7	24.7	22.5	17.1	16.4	16.7	18.3	17.2	17.8	15.2	13.6	14.6
19	23.7	22.2	22.9	17.6	16.9	17.3	18.0	14.2	16.4	13.6	8.5	10.4
20	23.2	21.5	22.8	17.8	17.5	17.7	14.2	11.5	12.5	10.6	8.6	9.6
21	21.5	20.3	21.0	18.2	17.2	17.8	11.5	10.5	11.0	10.6	9.8	10.3
22	21.1	19.6	20.5	17.2	16.1	16.6	11.5	9.2	10.0	11.8	10.2	11.1
23	22.3	20.8	21.5	18.0	16.1	17.0	9.2	7.8	8.2	13.2	11.4	12.2
24	23.5	21.9	22.5	17.6	16.2	17.1	8.5	6.9	7.7	14.0	12.6	13.2
25	22.6	21.7	22.1	16.3	15.1	15.7	9.0	7.1	7.9	12.7	12.0	12.4
26	---	---	---	16.9	14.8	15.8	8.6	7.5	8.1	14.2	12.4	13.2
27	---	---	---	17.8	16.0	16.8	8.9	7.9	8.5	14.6	12.0	13.3
28	---	---	---	19.0	17.0	17.8	8.6	7.2	7.9	12.2	11.1	11.8
29	---	---	---	17.7	16.1	17.0	7.8	6.5	7.3	12.4	11.9	12.1
30	---	---	---	16.3	15.1	15.7	8.9	7.5	8.2	13.9	12.4	12.8
31	---	---	---	---	---	---	9.5	8.9	9.2	14.6	13.4	13.9
MONTH	27.4	19.6	21.9	23.0	14.5	17.1	21.1	6.5	13.0	15.2	3.9	10.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.6	12.4	12.9	14.4	13.0	13.4	18.6	16.4	17.5	23.3	20.6	22.0
2	12.8	9.7	11.6	13.3	12.2	12.7	18.3	15.8	17.0	23.8	21.3	22.4
3	9.7	5.9	8.0	15.4	12.6	13.9	18.7	16.3	17.7	24.7	22.3	23.2
4	5.9	3.3	4.4	16.6	14.3	15.5	19.6	18.1	18.7	26.0	23.3	24.5
5	4.4	2.3	3.7	17.5	15.8	16.7	19.6	19.1	19.3	26.8	24.6	25.6
6	6.8	4.0	5.1	19.1	17.4	18.0	19.2	16.3	17.9	27.2	25.4	26.1
7	9.4	5.8	7.0	19.2	12.4	16.8	17.2	15.4	16.3	27.2	25.5	26.4
8	11.7	8.9	9.6	12.4	7.9	10.8	18.3	16.2	17.2	26.7	25.8	26.3
9	12.3	9.9	11.1	9.5	7.3	8.4	18.6	17.0	17.8	26.8	25.2	26.0
10	14.9	9.9	11.6	10.0	7.7	8.9	18.5	17.5	18.0	27.0	25.7	26.4
11	14.9	10.6	12.0	11.2	8.5	9.9	19.3	17.4	18.3	27.4	25.7	26.3
12	12.7	11.1	11.6	12.3	10.0	11.2	19.8	18.3	19.1	26.2	25.0	25.7
13	11.8	10.4	11.2	13.7	12.0	12.9	22.1	19.3	20.5	26.8	25.8	26.2
14	12.7	11.6	12.2	15.8	13.7	14.9	22.4	21.4	22.0	28.1	26.2	27.0
15	14.6	12.6	13.7	17.7	15.6	16.7	22.5	20.6	21.9	28.0	26.2	27.0
16	13.8	11.5	13.0	19.4	17.3	18.6	21.0	19.3	20.1	28.7	26.8	27.5
17	11.8	10.3	11.0	20.5	18.6	19.6	20.5	19.2	19.8	29.1	27.0	27.9
18	13.0	10.8	11.8	21.0	17.8	20.2	19.9	19.4	19.6	29.2	27.1	28.0
19	14.2	11.6	12.9	17.8	13.8	15.5	21.9	19.6	20.6	29.4	27.3	28.3
20	15.9	13.9	14.4	14.2	11.6	13.1	23.4	21.6	22.4	29.6	27.5	28.4
21	17.8	14.8	16.0	13.7	11.4	12.5	24.0	22.7	23.3	30.7	27.8	28.9
22	18.6	17.1	18.0	14.7	12.2	13.3	---	---	---	30.5	28.1	29.2
23	19.2	17.9	18.6	16.0	13.5	14.8	24.6	23.1	24.3	31.6	28.4	29.7
24	19.5	18.6	19.0	16.9	15.4	16.1	23.2	21.8	22.5	31.5	28.6	30.0
25	20.6	19.3	19.8	17.8	16.9	17.3	23.1	20.9	22.1	31.7	29.3	30.5
26	21.4	19.9	20.7	17.5	15.5	16.8	24.5	22.5	23.4	30.8	29.3	30.1
27	21.5	20.7	21.2	15.5	14.7	15.1	25.3	23.6	24.4	30.4	29.0	29.6
28	21.9	18.9	21.0	16.2	14.8	15.4	26.1	24.2	25.1	30.3	28.6	29.4
29	18.9	14.4	16.5	16.4	15.5	16.0	---	---	---	29.5	28.0	29.0
30	---	---	---	17.1	16.3	16.8	22.3	20.6	21.6	29.4	27.5	28.4
31	---	---	---	19.3	17.0	17.8	---	---	---	29.1	27.4	28.4
MONTH	21.9	2.3	13.1	21.0	7.3	14.8	26.1	15.4	20.3	31.7	20.6	27.2

MISSISSIPPI RIVER DELTA

07374526 BLACK BAY NEAR SNAKE ISLAND NEAR POINTE A LA HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.6	28.1	31.6	29.7	30.5	29.2	28.5	29.0	30.1	28.1	29.1
2	28.3	26.9	27.5	31.7	29.9	30.7	29.4	28.1	28.8	30.5	28.2	29.4
3	28.7	27.0	27.7	32.3	30.4	31.3	30.3	28.4	29.1	30.4	28.6	29.4
4	28.7	27.3	28.0	32.6	30.9	31.7	31.5	28.7	29.7	30.5	28.5	29.6
5	29.5	27.5	28.5	32.4	30.9	31.8	32.0	29.9	30.6	30.7	28.8	29.5
6	29.5	27.6	28.6	33.1	30.4	31.5	31.5	30.3	30.7	29.7	28.4	29.1
7	28.9	27.7	28.3	31.4	29.4	30.5	31.2	29.9	30.5	30.5	28.5	29.4
8	28.2	26.9	27.5	29.4	27.3	28.4	32.0	30.3	31.0	31.5	28.8	29.7
9	27.7	26.0	26.8	30.5	27.2	28.3	31.6	29.6	30.7	31.3	29.1	29.7
10	28.6	26.0	27.0	30.7	28.5	29.6	30.2	29.2	29.7	30.8	28.5	29.5
11	28.6	26.8	27.6	31.7	29.5	30.4	29.6	28.5	29.0	30.6	28.9	29.8
12	29.2	27.5	28.3	32.9	30.0	30.9	29.4	27.7	28.3	31.3	29.5	30.3
13	29.4	28.0	28.6	32.0	30.5	31.1	29.3	27.6	28.3	31.0	29.6	30.3
14	29.8	28.3	28.8	31.2	30.2	30.5	30.3	27.8	28.8	30.1	29.0	29.5
15	30.5	28.1	28.9	30.8	29.3	30.1	30.0	28.5	29.4	29.3	28.2	28.8
16	31.1	28.3	29.4	---	---	---	30.8	28.5	29.7	29.2	28.2	28.7
17	30.9	28.9	29.8	31.2	30.0	30.6	31.5	28.3	30.0	30.1	28.4	29.2
18	31.1	29.4	30.1	31.4	29.7	30.5	31.0	29.6	30.1	30.9	28.6	29.6
19	30.3	29.1	29.7	32.2	29.9	30.7	31.0	29.4	30.2	29.6	28.0	28.6
20	30.5	28.5	29.4	32.4	30.0	30.9	30.4	29.3	29.8	28.5	27.0	27.9
21	31.7	29.0	30.1	32.0	29.7	30.8	29.4	28.2	28.9	27.2	26.6	26.9
22	31.7	29.6	30.4	32.2	29.8	30.9	28.8	27.8	28.2	27.5	26.2	26.8
23	31.9	29.6	30.4	32.1	30.1	30.8	29.1	27.7	28.2	27.8	26.2	27.0
24	32.2	29.8	30.6	30.4	29.2	29.9	30.3	28.2	29.1	27.8	26.3	26.9
25	32.5	30.2	31.0	30.0	28.6	29.2	30.8	28.9	29.6	28.1	26.5	27.2
26	32.4	30.7	31.6	29.5	28.4	28.8	29.9	28.8	29.3	28.2	26.8	27.5
27	31.9	28.8	30.6	29.3	28.5	28.9	30.9	28.4	29.3	28.2	27.1	27.6
28	30.2	28.4	29.1	30.0	28.4	29.2	30.3	28.7	29.6	27.3	25.0	26.4
29	30.8	28.9	29.7	30.5	28.9	29.6	30.9	28.9	29.7	25.0	23.2	23.7
30	31.3	29.5	30.2	30.5	29.0	29.7	30.4	28.8	29.4	23.6	22.7	23.2
31	---	---	---	29.9	28.9	29.4	29.4	28.1	28.7	---	---	---
MONTH	32.5	26.0	29.1	33.1	27.2	30.2	32.0	27.6	29.5	31.5	22.7	28.3

MISSISSIPPI RIVER DELTA

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 3 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.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is sea level. Prior to May 2, 1996, datum of gage was 8.1 ft below sea level (levels determined by Global Positioning System).

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 5.80 ft, Oct. 4, 1995; minimum recorded, -2.64 ft, Mar. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 5.80 ft, Oct. 4, 1995; minimum recorded, -2.64 ft, Mar. 19, 1996.

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.33	1.83	2.68	---	---	---	.98	.07	.52	2.94	1.37	2.18
2	2.95	1.23	2.14	1.86	1.01	1.35	1.21	-.03	.62	2.67	-.04	.96
3	3.12	1.88	2.44	2.30	1.05	1.57	1.10	-.17	.54	1.55	-.57	.29
4	5.80	.99	3.77	2.02	1.42	1.67	2.29	-.32	1.06	2.07	.00	1.05
5	2.61	.99	2.06	2.02	.87	1.46	2.24	.57	1.44	2.15	.14	1.16
6	1.71	.79	1.29	1.75	.07	.97	2.22	.34	1.28	2.15	.60	1.28
7	2.20	1.12	1.65	1.75	-.20	.66	3.06	.64	1.62	1.15	-.63	-.05
8	1.78	.91	1.49	1.89	.66	1.11	3.08	1.22	2.13	.52	-1.08	-.39
9	1.78	.58	1.23	1.96	.46	1.19	2.83	1.47	2.01	.50	-.72	-.08
10	2.23	.73	1.41	1.86	.16	1.02	2.58	1.40	1.93	.92	-.41	.29
11	2.45	1.38	1.93	1.97	-.70	.68	2.21	.81	1.37	.86	.45	.69
12	2.64	1.59	2.15	1.64	-.03	.77	2.46	1.00	1.60	.79	.26	.46
13	2.54	1.26	1.83	1.36	.05	.69	2.54	1.41	1.89	.79	.19	.45
14	2.30	.99	1.59	1.35	.45	.92	2.15	1.33	1.74	1.29	-.27	.54
15	2.97	1.08	2.01	1.41	.23	.74	2.04	1.16	1.60	1.87	.05	.97
16	2.00	.05	1.11	.86	.07	.42	2.40	1.38	1.85	2.04	.18	1.11
17	---	---	---	1.37	.84	.96	2.98	1.44	2.23	2.83	.59	1.63
18	---	---	---	1.42	.71	1.08	3.07	2.09	2.59	2.74	.66	1.57
19	---	---	---	1.55	.64	1.12	2.51	-.77	.58	2.14	-1.50	.06
20	---	---	---	1.78	.33	1.11	2.22	-.09	.89	2.17	.28	1.10
21	---	---	---	1.73	.12	.95	2.72	.24	1.36	2.20	.19	1.20
22	---	---	---	1.83	.41	1.05	2.82	.99	1.87	1.94	.24	1.10
23	---	---	---	1.90	-.42	.77	2.82	.61	1.54	1.77	.43	1.17
24	---	---	---	1.93	.02	.98	2.29	.04	1.03	1.81	.71	1.24
25	---	---	---	2.20	-.11	.98	1.69	.06	.88	2.32	1.21	1.89
26	---	---	---	1.50	-.22	.68	1.44	.59	1.00	2.07	1.21	1.79
27	---	---	---	1.60	-.09	.82	1.46	.67	1.16	1.63	.38	1.04
28	---	---	---	1.71	.29	1.00	1.86	1.28	1.69	1.96	.99	1.51
29	---	---	---	1.39	.53	.94	1.98	1.49	1.72	2.01	.32	1.18
30	---	---	---	1.07	.61	.78	2.32	1.24	1.76	1.66	.36	1.10
31	---	---	---	---	---	---	2.55	1.12	1.83	2.06	.05	1.06
MONTH	---	---	---	---	---	---	3.08	-.77	1.46	2.94	-1.50	.95

MISSISSIPPI RIVER DELTA

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.52	.84	1.62	1.72	.71	1.27	.52	.14	.24	.79	.02	.51
2	2.43	1.04	1.44	1.39	.16	.62	.54	-.43	.15	.89	-.30	.42
3	1.59	.27	.72	.78	-.56	.16	.33	-.30	.03	1.04	-.39	.48
4	.80	-.49	-.03	1.03	-.19	.37	1.06	-.03	.57	1.20	-.41	.55
5	.77	-.47	.17	1.14	.45	.81	1.49	.13	.92	1.42	-.41	.61
6	1.29	-.16	.58	1.19	.52	.82	1.69	.17	1.16	1.46	-.41	.65
7	1.29	.26	.83	1.08	-.32	.26	1.83	.15	.94	1.63	-.30	.74
8	1.12	.47	.86	.34	-.69	-.15	1.52	-.08	.71	1.74	.08	.91
9	1.14	.50	.81	.53	-.82	-.11	1.64	-.67	.62	1.93	.19	1.10
10	1.22	.34	.77	.94	-.82	.18	1.68	.06	.91	1.42	.42	.92
11	1.14	.19	.64	.83	-.74	.16	.97	-.47	.32	.98	.16	.55
12	1.17	-.15	.64	.92	-1.03	.07	1.11	-.27	.44	1.24	.49	.81
13	.86	-.09	.42	1.23	-.78	.30	1.11	.19	.65	1.12	.25	.70
14	1.05	-.85	.19	1.14	-.47	.43	1.17	.34	.79	.98	.18	.63
15	1.58	-.55	.44	1.15	-.54	.44	1.10	-.40	.53	1.23	.17	.76
16	1.35	-.73	.06	1.25	-.16	.60	1.35	-.26	.66	1.36	-.03	.86
17	.82	-.80	-.01	1.45	.14	.85	.88	-.20	.37	1.29	-.02	.72
18	1.29	-1.14	-.07	1.49	-1.89	.65	1.13	-.06	.63	1.43	-.16	.78
19	1.41	.05	.59	-1.38	-2.64	-1.99	1.24	-.06	.70	1.33	-.16	.65
20	.96	.20	.69	-.82	-2.17	-1.54	1.36	-.06	.74	1.47	-.15	.74
21	1.10	.22	.60	-.28	-1.60	-.83	1.81	.10	1.09	1.50	-.03	.82
22	.84	.16	.60	.46	-1.48	-.31	1.70	.45	1.09	1.42	-.19	.58
23	.71	-.02	.38	1.08	-1.01	.21	1.43	.28	.85	1.09	-.20	.47
24	1.06	-.14	.46	1.47	-.02	.84	1.99	.56	1.32	1.06	-.14	.58
25	1.13	-.36	.43	1.68	.40	1.04	.89	.06	.49	1.04	.24	.70
26	1.11	-.15	.50	2.57	1.33	1.97	.84	-.19	.30	.94	.35	.64
27	1.06	-.01	.54	2.65	.72	1.69	1.20	-.19	.59	.78	-.05	.37
28	1.80	-.47	.55	1.32	.27	.80	1.10	.42	.79	.75	-.29	.25
29	1.94	.99	1.47	1.17	-.18	.63	1.10	-.35	.55	1.78	-.29	.67
30	---	---	---	1.69	.31	1.18	1.29	-.52	.41	1.55	-.17	.82
31	---	---	---	1.23	.50	.79	---	---	---	2.06	-.10	1.08
MONTH	2.52	-1.14	.58	2.65	-2.64	.39	1.99	-.67	.65	2.06	-.41	.68
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.18	.04	1.44	1.69	-.35	.77	---	---	---	1.42	.65	1.06
2	2.03	-.01	1.30	1.82	-.39	.81	---	---	---	1.25	.52	.89
3	1.82	-.01	1.05	1.68	-.18	.78	---	---	---	1.23	.18	.71
4	1.74	-.04	.90	1.40	-.15	.77	---	---	---	1.18	.39	.84
5	1.49	-.11	.75	1.04	.27	.74	---	---	---	1.65	.49	1.07
6	1.32	-.13	.71	.72	.29	.56	---	---	---	1.42	-.02	.76
7	.71	.04	.40	.76	-.27	.29	---	---	---	1.13	-.02	.65
8	.52	-.02	.30	.57	-.62	.05	---	---	---	1.19	-.03	.74
9	.86	-.03	.37	---	---	---	---	---	---	1.27	.09	.78
10	.77	.18	.51	---	---	---	---	---	---	1.19	.42	.81
11	1.17	.23	.74	---	---	---	---	---	---	1.70	.56	1.10
12	1.40	-.24	.75	---	---	---	---	---	---	1.54	.72	1.07
13	1.30	-.32	.56	---	---	---	---	---	---	1.48	.82	1.10
14	1.25	-.34	.58	---	---	---	---	---	---	1.81	1.05	1.41
15	1.36	-.34	.66	---	---	---	---	---	---	1.62	.97	1.35
16	1.20	-.33	.55	---	---	---	---	---	---	1.62	.03	.72
17	1.61	-.19	.82	1.80	.67	1.32	---	---	---	1.24	.16	.73
18	1.44	-.11	.75	1.61	.75	1.27	---	---	---	1.88	.70	1.22
19	1.14	-.16	.52	1.34	.21	.76	---	---	---	2.03	.50	1.27
20	.95	-.10	.49	.85	.04	.33	---	---	---	1.95	.45	1.24
21	.88	-.27	.45	.63	-.52	.09	---	---	---	1.81	-.03	.93
22	.66	-.32	.20	.45	-.75	-.12	---	---	---	2.28	.48	1.38
23	.63	-.20	.23	.88	-.92	.07	---	---	---	1.93	.39	1.24
24	.56	-.19	.17	---	---	---	---	---	---	1.58	.58	1.10
25	.82	-.05	.33	---	---	---	---	---	---	1.67	.88	1.26
26	.75	-.43	.21	---	---	---	---	---	---	1.77	1.15	1.46
27	1.10	-1.03	.17	---	---	---	---	---	---	1.80	1.09	1.44
28	1.45	-.61	.60	---	---	---	1.66	.05	.89	2.03	1.00	1.57
29	1.46	-.39	.67	---	---	---	1.40	.09	.86	2.17	1.66	1.89
30	1.75	-.39	.83	---	---	---	1.42	.40	.97	2.38	1.51	1.90
31	---	---	---	---	---	---	1.33	.53	.85	---	---	---
MONTH	2.18	-1.03	.60	---	---	---	---	---	---	2.38	-.03	1.12

MISSISSIPPI RIVER DELTA

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.

REMARKS.--The specific conductance values above 32,800 microsiemens were calculated from salinity values.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 37,600 microsiemens, Oct. 4, 1995; minimum daily, 1,300 microsiemens, Feb. 3, 1994.

WATER TEMPERATURES: Maximum daily, 34.2 °C, Aug. 16, 1995; minimum daily, 2.5 °C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 37,600 microsiemens, Oct. 4; minimum daily, 1,530 microsiemens, Feb. 18.

WATER TEMPERATURE: Maximum daily, 33.5 °C, July 6; minimum daily, 2.5 °C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	34600	29000	31700	---	---	---	25700	23500	24600	32300	27400	30100
2	31700	28500	30300	32600	28600	30500	26300	21000	23800	32300	22300	26600
3	31200	27500	29400	34000	27400	31200	26300	21600	23900	23500	14200	18800
4	37600	28100	33000	30400	28500	29800	25900	20300	22800	27000	19800	22700
5	30800	25400	28300	32000	28300	30200	25800	19300	22700	27400	21000	23800
6	26200	22600	24600	31700	25500	28300	25900	18000	21600	26700	21900	24100
7	25600	22500	23800	29300	21800	25300	25600	20900	23100	21900	9650	14100
8	25300	22800	24000	27900	24500	25800	27900	24600	26300	13600	5580	9470
9	23900	21000	22500	29400	24700	26400	28000	21400	25400	16500	10300	12500
10	24700	21300	22400	29700	25000	26900	26600	21900	24000	28700	12500	18800
11	27400	26900	25600	32200	20600	25500	28400	22400	24000	22400	18800	20400
12	33900	29000	25400	26300	21600	23300	25600	22500	23000	24400	19100	22300
13	34500	29800	26900	24300	21300	22900	31800	25500	27700	24800	17400	21700
14	30100	29600	26000	24100	22000	23200	33100	24000	27900	24500	16300	21200
15	36700	29000	26200	25200	22000	23200	32800	22900	26800	26000	21200	23300
16	30100	29300	26700	24300	19800	22600	30900	23900	28400	28200	22100	24300
17	29400	29700	27300	27300	23500	24100	32300	26600	28700	30100	24100	26100
18	33700	30200	25300	27400	23500	25300	32700	28300	30700	31600	24200	27400
19	33300	28900	31300	27700	23600	25500	31900	19900	24400	24700	16300	20100
20	33600	26500	29600	28000	23000	25300	25400	18000	20800	25700	22300	23500
21	29000	21800	26800	28000	23500	25400	30500	20100	23100	26100	22600	24600
22	30900	19700	25400	28800	24400	26000	32100	23500	27300	25500	23000	24400
23	32100	26900	30000	30000	21000	25100	31700	23800	27000	24800	22000	23700
24	32400	27400	29600	30900	23100	26100	28600	19300	23500	25300	22400	23400
25	30300	28200	29200	30900	24700	27300	26100	19500	22900	27600	23600	25400
26	---	---	---	27100	21400	24700	25000	21300	23100	27200	25000	26100
27	---	---	---	27500	22900	25100	26600	22400	24100	25000	21400	23000
28	---	---	---	28300	23000	25800	27300	23700	26200	26500	22700	24800
29	---	---	---	27400	24900	26000	30600	26700	27800	26500	19900	23500
30	---	---	---	25700	25000	25400	31200	27100	29100	26300	19500	22900
31	---	---	---	---	---	---	31400	27700	29700	25400	15800	20500
MONTH	37600	19700	28200	34000	19800	25900	33100	18000	25300	32300	5580	22400

MISSISSIPPI RIVER DELTA

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CMAT}$ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	26700	20800	23400	18000	10400	13800	18800	15900	16800	13600	11000	12200
2	26700	19000	22000	16700	10800	12200	19300	14900	16800	14000	11100	12400
3	19300	5560	13100	15700	4700	10100	18400	14900	16900	14800	11100	12900
4	9410	2450	4920	15700	9600	11300	23200	16100	19500	15600	11700	13400
5	6590	2170	3630	15400	12400	13500	23500	18300	21200	16500	12400	14100
6	7590	3110	5190	---	---	---	24000	20500	23200	17100	13200	15000
7	12700	5310	8490	---	---	---	24000	19700	21200	17400	14100	15700
8	20300	4230	9630	---	---	---	22500	17700	20300	17300	15400	16400
9	27500	4400	18700	---	---	---	21900	14900	18800	16800	16000	16500
10	27400	4400	17500	25000	4780	17100	22700	18500	20300	17100	16500	16800
11	27600	7200	17200	23200	10600	18500	20900	16800	18600	16700	14300	15400
12	21600	14900	19400	23000	8650	16400	19700	15900	17900	15700	13200	14800
13	20700	16700	18100	26700	11900	19000	19700	17400	18600	15200	12400	13500
14	18800	7110	11400	24800	14900	20400	18700	16500	17400	14100	12700	13600
15	19700	7440	13300	23900	13800	19300	17400	12600	15600	15100	12700	13900
16	20700	5570	11400	23900	16400	19700	18100	12600	15200	14900	13000	14200
17	14200	6820	10300	24200	18400	20700	15900	13900	14900	14800	13000	14000
18	13000	1530	6810	24200	12600	21300	16800	14400	15600	14300	13000	13700
19	17300	7420	11700	12600	4420	7810	18000	13800	15400	14000	12500	13400
20	16600	5370	10600	10300	3200	6200	18100	13800	15600	13800	12500	13300
21	15000	6220	9710	15200	4080	9880	16700	13900	15900	13800	12000	13200
22	13400	5420	8520	20100	9670	16000	18600	15800	17000	13300	12200	12800
23	11400	2930	6840	22400	15200	18800	16600	15000	15700	13000	12200	12700
24	19700	3530	14000	23600	18500	20900	17200	15400	16400	13000	12200	12800
25	17600	6110	11400	22800	18800	20500	16000	13700	15200	12800	12200	12600
26	16200	6450	11200	28600	22400	25400	14300	12500	13500	13000	12000	12500
27	18700	7440	12200	27500	21600	25300	15100	12400	13500	12800	11900	12600
28	16300	4800	10500	23100	18200	20500	18200	14500	15800	12500	10400	11300
29	18000	11700	14400	19100	16100	18200	17800	10600	14800	12800	10700	11600
30	---	---	---	20800	18400	19800	12900	9940	11200	14100	11300	12300
31	---	---	---	20200	17900	19000	---	---	---	18500	11700	14100
MONTH	27600	1530	12300	28600	3200	17100	24000	9940	17000	18500	10400	13700
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20700	12000	16600	15100	12800	13700	---	---	---	21200	17900	19500
2	23000	15600	19200	16000	12000	13800	---	---	---	19200	14900	17000
3	19400	14300	16900	14900	13000	14000	20700	15700	17400	21000	15100	17200
4	17400	13200	15300	14600	13300	13900	19300	16700	18000	19800	16100	18200
5	16700	13300	15000	14000	12500	13400	22700	18000	20100	21000	17600	19200
6	17700	13300	15100	13600	12700	13100	25100	19600	21400	20700	15600	18100
7	15700	12400	14200	13000	11100	12400	26700	21200	23400	21300	15400	17400
8	13000	11000	12300	13000	8580	10800	25300	18800	22700	21400	15600	18800
9	13800	10700	11900	11500	8750	10200	23000	13700	19200	21200	15700	18900
10	14100	11500	12700	12600	10000	11400	24900	13700	19400	21000	17400	19000
11	16000	12400	14500	12800	10900	12000	22200	15000	19400	23400	18600	21300
12	15300	13000	14500	13000	10900	12100	17600	13100	16100	23700	20000	21900
13	15100	12000	14100	15500	11800	12900	---	---	---	23600	20100	22300
14	14900	12000	13700	13500	11600	12600	---	---	---	26500	22300	23900
15	14800	12800	13700	13200	11400	12100	---	---	---	27200	24200	25600
16	14100	12800	13500	16600	10700	13500	---	---	---	27200	17500	22100
17	14500	12800	13700	18200	13800	16100	---	---	---	20100	17500	19200
18	14500	13600	14100	17600	15600	16500	---	---	---	23300	20100	22300
19	14300	13300	13900	16100	12500	14400	---	---	---	23700	22500	23000
20	13500	12800	13200	13300	11800	12600	---	---	---	24300	21900	23200
21	13300	12400	12800	13200	10400	11900	---	---	---	23200	18800	21600
22	12800	11100	12200	11800	10100	11000	---	---	---	23700	19800	21900
23	12500	10400	11500	14000	10100	11300	---	---	---	23100	21300	22300
24	12000	10500	11300	---	---	---	---	---	---	22500	21200	21900
25	12500	11000	11700	---	---	---	---	---	---	22800	21500	22300
26	12200	9920	11200	---	---	---	---	---	---	24800	22200	23400
27	13600	8250	11100	---	---	---	---	---	---	24300	22600	23400
28	13800	8250	11600	---	---	---	21800	18700	20400	25100	22900	24100
29	14500	11300	12700	---	---	---	21200	18600	20300	26800	23900	25600
30	16200	11700	13300	---	---	---	20600	19100	20200	29100	25400	26900
31	---	---	---	---	---	---	19700	18000	19000	---	---	---
MONTH	23000	8250	13600	---	---	---	---	---	---	29100	14900	21400

MISSISSIPPI RIVER DELTA

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.6	26.6	27.1	---	---	---	16.2	14.8	15.5	10.3	9.4	10.0
2	27.1	26.5	26.8	23.2	21.4	22.3	16.7	15.3	16.1	11.9	10.2	11.2
3	27.0	25.9	26.7	22.4	19.1	21.4	17.8	16.2	16.9	10.9	9.2	10.0
4	25.9	23.9	25.0	19.1	16.2	17.3	19.0	17.3	18.2	10.0	8.2	9.2
5	25.3	23.2	24.1	16.2	15.4	15.9	20.5	18.3	19.4	11.7	9.4	10.3
6	24.6	23.6	24.1	17.1	15.7	16.3	21.4	19.7	20.5	11.4	10.8	11.1
7	23.6	21.7	22.5	18.8	17.1	18.1	20.8	18.9	20.2	10.8	5.7	8.3
8	22.9	21.6	22.4	18.5	17.0	17.9	19.0	18.2	18.7	5.7	3.3	4.5
9	23.2	21.7	22.6	17.5	16.0	16.9	19.0	13.8	17.1	7.0	3.5	5.1
10	24.1	22.1	23.1	18.2	16.8	17.6	13.8	9.6	11.2	7.8	5.4	6.8
11	24.7	23.3	24.0	18.9	16.3	18.1	10.3	8.7	9.6	9.1	7.7	8.3
12	24.9	24.2	24.5	16.4	15.0	15.8	11.0	9.3	10.1	9.9	8.0	9.0
13	26.1	24.5	25.1	16.4	14.9	15.7	12.5	10.8	11.6	11.4	8.6	9.7
14	25.7	22.1	24.7	16.1	15.1	15.6	13.1	12.2	12.6	11.3	9.7	10.4
15	22.3	20.4	21.2	15.8	14.5	15.2	16.1	12.9	14.2	11.7	10.9	11.4
16	20.9	19.6	20.3	17.1	14.9	16.1	16.2	14.4	15.3	13.3	11.7	12.4
17	21.7	20.3	20.9	17.3	15.9	16.6	17.3	15.9	16.7	14.3	12.8	13.5
18	22.9	21.4	22.0	17.5	16.8	17.1	18.1	16.8	17.5	16.0	13.6	14.7
19	23.5	22.5	22.9	17.9	17.3	17.6	18.1	13.6	16.2	14.1	8.8	10.2
20	23.4	21.3	23.0	18.0	17.8	17.9	13.6	10.7	11.7	10.0	8.5	9.4
21	22.2	20.1	21.0	18.5	17.6	18.0	11.4	9.9	10.5	10.2	9.5	9.9
22	21.5	19.9	20.8	17.6	16.3	16.8	10.8	8.2	9.3	12.1	9.8	10.8
23	22.3	20.9	21.5	18.0	16.2	17.1	8.5	7.0	7.7	13.2	11.2	12.2
24	23.4	21.9	22.7	17.4	16.2	17.0	7.9	6.5	7.2	14.1	12.6	13.3
25	23.1	22.1	22.5	16.3	15.0	15.8	8.4	7.0	7.6	12.9	11.4	12.3
26	---	---	---	16.6	14.8	15.9	8.3	7.5	7.9	14.7	12.4	13.3
27	---	---	---	17.9	16.0	16.9	8.6	7.5	8.1	14.7	12.2	13.3
28	---	---	---	19.1	17.4	18.1	8.3	6.8	7.4	12.2	10.7	11.5
29	---	---	---	17.9	16.2	17.1	7.6	6.2	7.0	12.6	11.6	12.0
30	---	---	---	16.2	14.9	15.5	8.6	7.1	7.8	13.9	12.4	13.0
31	---	---	---	---	---	---	9.4	8.6	8.9	14.8	13.5	14.3
MONTH	27.6	19.6	23.3	23.2	14.5	17.2	21.4	6.2	12.9	16.0	3.3	10.7

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.5	12.7	13.0	14.5	12.7	13.3	18.5	16.6	17.6	22.8	20.5	21.5
2	12.7	9.7	11.6	13.7	11.9	12.7	17.9	15.7	16.9	23.4	21.2	22.1
3	9.7	5.8	7.8	15.3	12.6	13.9	18.5	16.5	17.5	24.3	21.8	22.7
4	5.8	3.3	4.3	17.1	14.4	15.7	19.6	17.9	18.5	25.7	22.9	23.9
5	5.5	2.5	3.8	17.7	15.9	16.8	19.7	19.1	19.4	26.3	24.5	25.3
6	7.0	4.0	5.3	---	---	---	19.3	16.1	17.7	26.9	25.0	25.8
7	8.6	6.4	7.3	---	---	---	16.7	14.6	15.7	27.1	25.2	26.1
8	11.0	8.1	9.0	---	---	---	17.9	15.7	16.7	26.8	25.5	26.3
9	12.6	7.5	9.6	---	---	---	18.5	16.7	17.6	27.4	25.3	26.3
10	15.5	9.7	12.1	9.8	7.4	8.6	18.5	16.9	17.8	27.3	25.8	26.5
11	15.0	11.0	13.1	10.7	8.2	9.3	19.3	17.1	18.2	27.3	25.9	26.5
12	12.2	10.9	11.6	12.1	9.5	10.7	19.7	18.4	19.0	26.3	25.0	25.7
13	12.1	10.4	11.2	14.0	11.7	12.8	22.4	19.3	20.7	27.7	24.9	26.1
14	13.6	11.5	12.5	16.2	14.0	15.0	22.8	21.7	22.2	27.6	26.0	26.9
15	15.4	12.7	14.1	18.1	16.2	17.1	22.6	20.4	22.1	27.6	25.8	26.7
16	13.9	11.7	13.2	20.3	17.9	19.2	21.2	18.8	19.9	28.0	26.3	27.1
17	12.6	10.4	11.5	21.2	19.5	20.3	20.5	18.8	19.7	28.7	26.6	27.5
18	13.9	10.9	12.2	21.4	17.6	20.5	19.7	19.2	19.4	28.8	27.0	27.8
19	14.9	12.6	13.7	17.6	13.8	15.0	21.8	19.6	20.6	29.1	27.0	28.0
20	17.0	14.8	15.7	13.8	11.1	12.5	23.5	21.4	22.3	29.1	27.2	28.1
21	18.5	15.9	17.3	13.3	10.4	11.9	24.6	22.6	23.5	30.2	27.3	28.5
22	18.7	17.0	18.2	14.3	11.9	13.0	24.6	23.2	24.0	30.4	27.8	29.0
23	19.9	18.1	19.1	15.8	13.4	14.6	24.6	23.1	24.2	30.8	28.4	29.5
24	19.8	18.1	19.1	17.2	15.2	16.1	23.1	20.9	22.0	31.2	28.9	30.0
25	20.4	19.4	20.0	18.1	17.0	17.6	22.8	20.7	21.9	31.2	29.2	30.2
26	21.4	20.1	20.7	17.6	15.6	16.7	24.4	22.2	23.2	31.0	29.2	30.1
27	21.5	21.1	21.3	15.6	14.3	14.8	25.5	23.4	24.4	30.1	29.0	29.5
28	22.5	19.2	21.3	16.2	14.7	15.3	26.0	24.2	25.1	30.2	28.4	29.1
29	19.2	14.4	16.6	16.4	15.8	16.1	25.3	23.4	24.9	29.2	28.1	28.7
30	---	---	---	17.3	16.4	16.8	23.4	19.7	21.2	29.5	27.1	28.0
31	---	---	---	19.4	17.0	18.0	---	---	---	29.2	27.2	28.1
MONTH	22.5	2.5	13.3	21.4	7.4	15.0	26.0	14.6	20.5	31.2	20.5	27.0

MISSISSIPPI RIVER DELTA

07374527 NORTHEAST BAY GARDENE NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.3	27.8	31.5	29.3	30.3	29.0	28.5	28.8	29.4	28.2	28.8
2	28.0	26.6	27.2	31.5	29.6	30.5	29.5	28.0	28.8	30.8	28.0	29.3
3	29.2	26.7	27.5	32.0	30.3	31.1	30.6	28.4	29.3	30.4	28.6	29.5
4	28.8	27.3	28.0	32.2	30.7	31.4	31.6	28.8	30.0	30.6	28.8	29.5
5	29.3	27.7	28.4	32.4	30.7	31.5	32.6	30.2	31.0	30.2	28.9	29.4
6	29.3	27.4	28.4	33.5	30.5	31.6	31.7	30.4	31.1	29.1	28.4	28.9
7	28.8	27.9	28.3	31.4	29.5	30.5	31.5	30.1	30.6	30.6	28.2	29.0
8	28.3	26.9	27.5	29.5	27.4	28.4	32.3	30.3	30.9	31.7	28.8	29.5
9	27.4	25.8	26.5	30.4	27.1	28.5	31.2	29.3	30.5	29.9	29.2	29.5
10	29.4	25.7	26.9	30.8	28.5	29.4	29.5	28.7	29.1	30.2	28.5	29.3
11	28.7	26.2	27.3	31.7	29.3	30.4	29.2	28.3	28.8	30.6	29.3	29.9
12	29.0	27.1	28.0	33.1	30.2	31.2	29.3	27.4	28.2	31.1	29.3	30.1
13	29.5	27.7	28.6	32.2	30.5	31.2	29.0	27.5	28.1	30.8	29.6	30.1
14	30.6	28.3	29.1	31.2	29.9	30.5	29.7	28.1	28.6	30.0	29.0	29.4
15	30.7	28.2	29.2	31.2	29.6	30.4	29.7	28.6	29.2	29.3	28.3	28.8
16	30.6	28.8	29.6	31.5	29.7	30.6	30.5	28.7	29.5	29.1	28.2	28.7
17	31.1	29.1	30.0	31.3	29.7	30.5	31.0	29.2	29.9	30.2	28.4	29.2
18	31.0	29.1	30.0	31.1	29.5	30.3	30.4	29.6	29.9	30.1	28.6	29.3
19	30.4	29.1	29.8	32.9	29.7	30.8	30.7	29.5	30.0	29.9	28.3	28.7
20	30.7	28.4	29.5	33.3	29.9	31.2	30.6	29.3	29.9	28.3	26.8	27.8
21	31.5	29.0	30.2	32.3	30.2	31.1	29.6	28.2	28.7	26.9	26.4	26.6
22	31.3	29.6	30.5	32.1	29.8	30.9	28.7	27.3	28.0	27.4	26.0	26.6
23	31.8	29.7	30.5	32.2	29.9	30.8	28.8	27.4	28.1	27.5	25.9	26.6
24	32.3	29.9	30.9	---	---	---	30.2	28.0	28.9	27.5	26.1	26.7
25	32.1	29.6	30.9	---	---	---	30.5	28.9	29.5	27.5	26.3	26.9
26	33.2	30.3	31.4	---	---	---	29.9	28.4	29.1	27.9	26.3	27.1
27	31.9	28.7	30.7	---	---	---	30.3	28.4	29.1	28.0	27.0	27.4
28	30.0	28.0	28.9	---	---	---	30.4	29.0	29.6	27.3	24.7	26.3
29	30.8	28.6	29.6	---	---	---	30.3	29.0	29.5	24.7	22.7	23.4
30	31.0	29.3	30.1	---	---	---	30.1	28.9	29.3	23.5	22.3	22.9
31	---	---	---	---	---	---	29.0	28.3	28.6	---	---	---
MONTH	33.2	25.7	29.0	---	---	---	32.6	27.3	29.4	31.7	22.3	28.2

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA

LOCATION.-- Lat. 29°31'28" long 89°33'43", Plaquemines Parish, Hydrologic Unit 08090203, on a 3 pile structure 17.0 mi southeast of Pointe-a-la-Hache.

DRAINAGE AREA.-- Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- Feb. 1992 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is 9.37 ft (revised) below sea level (levels determined by Global Positioning System). Prior to Oct. 1, 1995, datum of gage was 9.23 ft. below sea level (levels determined by GPS). Prior to Oct. 1, 1994, published wrong datum.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.39 ft., Oct. 4; minimum, -2.63 ft., revised, Mar., 13, 1993.

REVISIONS.--Minimum elevation has been revised to reflect the datum used prior to Oct. 1, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.39 ft., Oct. 4; minimum, -2.63 ft., Mar. 19.

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.25	1.83	2.47	2.01	1.32	1.71	---	---	---	2.13	.63	1.42
2	2.91	1.27	2.14	2.21	1.12	1.45	1.09	.03	.62	1.81	-.69	.26
3	3.22	2.01	2.53	2.38	1.24	1.69	1.02	-.13	.54	.92	-1.10	-.21
4	6.39	.93	3.92	1.99	1.67	1.81	1.24	-.40	.46	1.34	-.57	.41
5	2.61	1.23	2.10	1.92	.93	1.48	1.16	-.40	.42	1.44	-.53	.48
6	1.77	.97	1.37	1.75	.16	1.00	1.22	-.65	.27	1.41	.00	.69
7	2.18	1.25	1.69	1.67	-.16	.67	2.06	-.32	.71	.87	-.95	-.32
8	1.79	.92	1.46	1.98	.73	1.25	2.04	.22	1.10	.03	-1.40	-.73
9	1.68	.60	1.21	1.98	.46	1.15	1.82	.73	1.20	.00	-1.15	-.57
10	2.29	.76	1.42	1.87	.18	.99	1.88	.56	1.12	.25	-.83	-.26
11	2.48	1.40	1.94	1.91	-.66	.74	1.25	-.08	.44	.22	-.14	.06
12	2.66	1.50	2.11	1.68	.07	.80	1.50	.09	.68	.20	-.29	-.08
13	2.47	1.29	1.82	1.34	.12	.70	1.57	.51	.93	.21	-.37	-.12
14	2.30	1.10	1.67	1.46	.56	1.03	1.21	.42	.81	.70	-.78	-.01
15	3.06	1.13	2.05	1.36	.24	.70	1.09	.31	.70	1.26	-.46	.41
16	1.97	.67	1.33	.88	.15	.44	1.43	.54	.96	1.44	-.36	.56
17	2.03	1.25	1.67	1.34	.82	.98	2.04	.58	1.33	2.18	.03	1.07
18	2.15	1.44	1.87	1.39	.74	1.06	2.12	1.20	1.64	1.99	.37	1.05
19	2.06	1.55	1.83	1.52	.66	1.11	1.47	-1.66	-.23	1.67	-1.77	-.18
20	2.06	1.12	1.54	1.77	.40	1.11	1.44	-.72	.24	1.70	-.13	.69
21	1.56	.88	1.25	1.72	.18	.98	1.94	-.50	.62	1.70	-.23	.77
22	1.90	.45	1.13	1.80	.41	1.07	2.07	.24	1.13	1.49	-.11	.69
23	2.07	.80	1.51	1.97	-.41	.77	2.07	-.12	.80	1.35	.08	.79
24	2.24	.68	1.46	2.22	.09	1.06	1.56	-.71	.25	1.37	.39	.92
25	2.25	1.03	1.62	2.23	-.03	.97	.90	-.66	.13	1.88	1.01	1.52
26	2.25	.37	1.34	1.51	-.14	.71	.74	-.08	.30	1.67	.82	1.39
27	2.41	.34	1.28	1.61	-.04	.83	.74	.00	.43	1.41	.28	.88
28	2.24	.70	1.47	1.69	.40	1.06	1.13	.58	1.01	1.64	.76	1.23
29	2.46	1.31	1.88	1.43	.64	.99	1.21	.78	.99	1.73	.15	.95
30	---	---	---	1.05	.66	.82	1.53	.52	1.01	1.42	.22	.89
31	2.95	1.24	1.96	---	---	---	1.69	.42	1.07	1.87	-.10	.95
MONTH	---	---	---	2.38	-.66	1.04	---	---	---	2.18	-1.77	.50

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA--Continued

ELEVATION FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.31	.73	1.46	1.66	.70	1.19	.85	.56	.63	.98	.23	.73
2	2.11	.98	1.37	1.23	.11	.50	.80	-.10	.46	.92	-.23	.54
3	1.60	.32	.78	.55	-.64	.03	.53	-.07	.28	1.13	-.31	.56
4	.93	-.43	.05	.77	-.34	.15	1.27	.27	.80	1.27	-.38	.62
5	.74	-.44	.16	.82	.17	.51	1.71	.49	1.15	1.48	-.33	.69
6	1.18	-.10	.54	1.18	.41	.84	2.00	.45	1.43	1.56	-.32	.73
7	1.20	.31	.81	1.37	.21	.72	2.02	.25	1.20	1.68	-.27	.82
8	1.09	.53	.87	.82	-.25	.31	1.66	-.17	.91	1.75	.11	.95
9	1.12	.58	.84	.79	-.47	.22	1.87	-.44	.91	1.91	.19	1.13
10	1.24	.42	.82	1.19	-.46	.49	1.87	.26	1.11	1.48	.43	.97
11	1.26	.31	.78	1.09	-.47	.47	1.13	-.29	.50	1.11	.26	.65
12	1.29	-.02	.79	1.15	-.66	.37	1.20	-.11	.62	1.40	.71	.98
13	.96	.02	.51	1.40	-.46	.56	1.18	.44	.85	1.25	.42	.84
14	1.18	-.67	.36	1.34	-.16	.68	1.28	.58	.98	1.07	.25	.73
15	1.75	-.36	.62	1.39	-.21	.70	1.26	-.09	.79	1.27	.29	.84
16	1.53	-.56	.32	1.47	.16	.88	1.57	-.03	.91	1.42	.06	.92
17	.99	-.57	.20	1.70	.43	1.09	1.06	.06	.55	1.38	.05	.80
18	1.51	-.90	.18	1.70	-1.86	.71	1.29	.15	.80	1.53	-.06	.87
19	1.54	.30	.78	-.72	-2.36	-1.48	1.44	.09	.89	1.38	-.06	.74
20	1.18	.52	.94	-.17	-1.59	-.96	1.55	.09	.93	1.55	-.06	.83
21	1.33	.52	.85	.08	-1.07	-.43	1.98	.24	1.26	1.62	.07	.98
22	1.08	.46	.87	.68	-1.02	.00	1.86	.58	1.22	1.59	.08	.80
23	.99	.28	.67	1.30	-.66	.49	1.79	.52	1.14	1.25	.04	.69
24	1.28	.14	.74	1.63	.18	1.02	2.17	.63	1.54	1.23	.12	.79
25	1.41	-.02	.74	1.89	.61	1.29	1.10	.26	.68	1.20	.42	.88
26	1.37	.22	.82	2.70	1.52	2.20	1.09	.11	.57	1.11	.45	.79
27	1.62	.29	1.02	3.04	.93	1.97	1.41	.15	.87	.95	.17	.53
28	1.81	.05	.94	1.51	.56	1.05	1.23	.61	.96	.93	-.13	.43
29	1.99	1.02	1.51	1.37	.18	.91	1.20	.11	.75	2.02	-.17	.86
30	---	---	---	1.95	.54	1.40	1.56	.10	.84	1.70	.00	1.01
31	---	---	---	1.44	.83	1.08	---	---	---	2.21	.03	1.27
MONTH	2.31	-.90	.74	3.04	-2.36	.61	2.17	-.44	.88	2.21	-.38	.81

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.24	.38	1.52	1.81	-.30	.89	1.51	.29	1.00	1.56	.87	1.22
2	2.10	.11	1.34	1.93	-.30	.95	1.03	.40	.81	1.40	.66	1.04
3	1.95	.11	1.16	1.77	-.04	.91	1.04	.62	.81	1.41	.24	.87
4	1.84	.02	1.02	1.53	.00	.95	1.13	.71	.92	1.39	.62	1.03
5	1.60	-.03	.86	1.20	.45	.90	1.44	.79	1.08	1.77	.67	1.22
6	1.45	-.03	.83	.84	.44	.69	1.70	.65	1.21	1.54	.17	.90
7	.83	.18	.55	.83	-.16	.38	1.99	.71	1.41	1.29	.22	.83
8	.76	.10	.51	.65	-.67	.11	1.71	.28	1.11	1.37	.19	.91
9	1.10	.28	.64	.87	-.28	.32	1.18	-.21	.72	1.43	.26	.96
10	1.01	.44	.73	1.18	.09	.62	1.88	.27	1.06	1.32	.59	.98
11	1.30	.38	.90	1.83	-.08	.88	1.68	.10	.94	1.81	.79	1.25
12	1.51	-.09	.86	1.48	.08	.80	1.07	-.10	.61	1.62	.91	1.22
13	1.42	-.12	.69	1.46	-.16	.78	1.17	.06	.65	1.62	1.03	1.28
14	1.42	-.19	.73	1.47	-.11	.83	1.45	.30	.91	1.92	1.24	1.55
15	1.51	-.24	.80	1.29	-.08	.64	1.59	.43	1.03	1.77	1.13	1.45
16	1.43	-.08	.71	1.65	.07	1.05	1.34	.64	1.03	1.70	.12	.81
17	1.72	-.04	.96	1.84	.53	1.25	1.40	.78	1.10	1.39	.37	.90
18	1.59	-.02	.90	1.57	.48	1.09	1.35	.86	1.17	2.07	.92	1.42
19	1.31	-.02	.70	1.17	.12	.83	1.63	.91	1.26	2.18	.70	1.41
20	1.11	.06	.63	.71	.01	.49	2.31	1.63	1.90	2.06	.53	1.33
21	1.03	-.16	.59	.59	-.27	.23	2.79	2.13	2.35	1.96	.14	1.06
22	.84	-.14	.38	.36	-.30	.05	3.06	1.79	2.39	2.44	.64	1.55
23	.80	.02	.44	.60	-.27	.17	2.44	.99	1.79	2.07	.55	1.37
24	.69	.08	.36	1.04	-.23	.50	2.13	.39	1.42	1.70	.80	1.24
25	.97	.17	.52	1.19	-.29	.56	1.97	.22	1.21	1.82	1.11	1.41
26	.91	-.19	.41	1.58	-.04	.81	1.74	.00	1.03	1.90	1.28	1.57
27	1.26	-.88	.27	1.90	-.05	1.07	1.72	.10	1.00	1.98	1.20	1.56
28	1.57	-.18	.78	1.76	-.17	.90	1.78	.28	1.04	2.29	1.23	1.74
29	1.57	-.24	.80	1.90	.04	1.04	1.53	.32	1.04	2.41	1.81	2.08
30	1.90	-.10	1.00	1.97	.10	1.09	1.49	.70	1.13	2.55	1.66	2.05
31	---	---	---	1.77	.14	.98	1.46	.74	1.05	---	---	---
MONTH	2.24	-.88	.75	1.97	-.67	.73	3.06	-.21	1.17	2.55	.12	1.27

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA--Continued

WATER-QUALITY RECORD

PERIOD OF RECORD.-- Feb. 1992 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Feb. 1992 to current year.

WATER TEMPERATURE: June 1992 to current year.

REMARKS.--The specific conductance values above 32,800 microsiemens were calculated from salinity values.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 43,100 microsiemens, July 3, 1994; minimum daily, 2,690 microsiemens, Feb. 4, 1995.

WATER TEMPERATURE: Maximum daily, 34.3 °C, Aug. 19, 1995; minimum daily, 2.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 41,600 microsiemens, Oct.31; minimum daily, 3,410 microsiemens, June 16, 17.

WATER TEMPERATURE: Maximum daily, 33.4 °C, June 26; minimum daily, 2.6 °C Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	37200	34500	35800	38400	33000	36200	---	---	---	32900	29200	30700
2	37500	32100	35400	35400	33100	34400	28500	24600	26300	31000	26800	28600
3	36000	31500	33600	35100	30300	33400	25200	24400	24900	28500	25100	27500
4	41100	32900	36000	35400	31700	34300	25700	24500	25000	28800	26000	27000
5	34800	29100	31200	37300	34000	35300	27200	24400	25200	30600	27300	28800
6	31200	28300	29700	35100	32700	34000	30700	24100	25700	30600	26800	29000
7	30000	27900	29200	34000	29000	31200	30800	25200	27400	26800	18700	23600
8	30100	28400	29500	34100	30700	32900	31700	26800	29200	19600	15200	17600
9	30100	28600	29500	34400	32300	33600	31800	27200	29100	19700	19100	19500
10	30500	27700	28900	34600	33100	33900	29400	27200	28000	24100	19100	21100
11	33900	30400	31500	34500	28000	31700	31800	26200	28200	23200	22300	22800
12	35800	33000	34100	31400	28200	29700	34100	29300	31200	25600	21600	23600
13	35900	31400	34200	31900	30300	31200	34800	27400	32600	24000	22300	23000
14	33900	29300	31800	31400	28700	29800	32000	24800	30100	27500	21600	24500
15	36000	30300	33900	30900	28700	29500	31800	25300	28200	28700	25200	27300
16	37300	31000	34500	31000	26500	28900	31200	27200	29300	29700	26400	28000
17	33900	31500	32700	28000	25300	26200	31400	29300	30800	31300	27900	29500
18	36000	33900	35100	29700	25800	28000	32000	30600	31200	31300	28000	29600
19	35900	33700	34700	30900	26700	28700	31500	25300	27900	29800	23600	26100
20	35900	32600	34400	32100	27800	30200	26300	23600	24800	29800	24200	26300
21	32600	28200	31500	31500	26800	28900	31900	23800	26300	28900	24400	26700
22	30700	27700	28600	30700	27000	29100	33600	29300	30800	28300	25300	26600
23	33300	30700	31900	30300	26200	28800	33600	30900	31700	28300	25200	26700
24	34400	33300	33700	31700	24900	28500	33600	25400	30900	29000	24400	26000
25	35400	34400	34700	32900	27000	29800	33700	25400	29500	31700	25300	28800
26	35600	34600	35100	31500	28000	30400	30700	26500	29100	32600	24400	28500
27	35700	29700	33300	31900	25300	28400	30600	29700	30300	27300	22400	24300
28	34400	31100	32400	29500	25400	27200	32300	30400	31600	31700	26200	29500
29	39400	34200	35800	30900	25700	29400	33600	31600	32800	28800	19300	24700
30	---	---	---	29300	27000	28000	34900	32900	34100	27700	19700	23400
31	41600	35200	38500	---	---	---	35400	30900	33900	27500	22000	25000
MONTH	41600	27700	33000	38400	24900	30700	35400	23600	29200	32900	15200	25900

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	30300	25900	27700	25300	19900	23100	18800	17400	18000	18000	3770	10100
2	30100	24600	26900	24000	20500	22000	20200	15700	19000	18000	17400	17700
3	25000	20200	22900	23000	21500	22100	17700	13600	15400	18000	16700	17400
4	20300	14100	16800	23000	20700	21300	21200	17400	19200	17700	16700	17000
5	14300	10800	12200	23200	19700	20900	21500	19000	20300	16800	16400	16500
6	13300	10800	12600	29200	21500	24100	21800	19600	21000	16700	15700	16200
7	16400	13200	14300	24400	16700	20400	23400	20200	21600	16200	14800	15500
8	14300	11700	12600	16700	7240	10600	21200	17900	20200	16200	14500	15400
9	16400	12500	14300	8420	4650	5700	21300	18500	20300	15600	14000	14800
10	17900	14600	16700	12500	8420	10000	23000	19100	21500	14600	14300	14400
11	19400	16800	18400	14800	11900	13600	22200	17300	19400	14500	9750	12500
12	17400	16000	16700	16800	13200	15200	20000	15900	18000	15100	3930	8060
13	17700	17300	17500	17700	16200	17000	17000	14600	15900	13500	9570	11700
14	17700	15600	16600	18000	16700	17200	15100	13600	14300	10600	8550	9930
15	17900	16000	16900	17900	16800	17200	17900	14600	15500	9870	7190	8940
16	17600	15200	16200	20200	16800	18300	18300	16500	17500	11100	8350	9560
17	15600	14800	15200	21000	18800	20200	17000	8250	15800	10000	9170	9640
18	17600	14300	15200	21200	18500	20400	14100	4300	9780	9320	7140	8250
19	19400	17400	18300	---	---	---	14100	3770	8240	8970	6270	7730
20	20300	19400	19900	17400	9580	14200	5700	3770	4840	8120	6760	7460
21	21500	20000	20800	16400	10800	13900	12200	4650	5580	7930	7080	7470
22	23200	21500	22400	19300	10400	16400	15200	4820	8690	7900	5880	6920
23	26500	23200	25500	21800	16000	19500	17600	4820	9440	11300	6540	7860
24	26800	23400	25900	23200	20000	21900	16500	5000	8470	10800	7540	9690
25	25300	23200	24500	22600	19700	21200	9420	4300	6120	12500	10000	11500
26	26800	25000	25500	25800	20800	23900	5530	3950	4860	13200	11400	12300
27	27700	26700	27100	26000	24000	25100	5000	4120	4500	14500	11800	12800
28	30600	27300	28400	24200	19100	21500	5350	3590	4220	23900	14500	20800
29	27500	24600	25600	24000	20200	21400	16700	3590	6050	27200	20500	24300
30	---	---	---	24700	22200	24100	18200	3770	10400	25500	20500	23900
31	---	---	---	24600	18800	22500	---	---	---	26800	21300	24800
MONTH	30600	10800	19800	29200	4650	18800	23400	3590	13500	27200	3770	13300
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26500	20700	23700	14800	14100	14500	28800	27200	28300	20200	19700	20000
2	23400	17700	19900	14800	10100	13300	27200	25600	26100	20600	20100	20300
3	23000	15700	19700	13200	11300	12500	26600	25600	26200	23200	20600	21800
4	20300	13600	16700	12200	11100	11600	28200	25900	27000	28700	23200	25200
5	18900	12800	15700	12000	11100	11800	30100	28200	29500	28700	25000	26000
6	16600	13400	14400	11500	9420	10500	30500	30000	30300	25500	24200	25000
7	14200	13400	13800	9420	8750	9010	30600	30200	30400	24900	23700	24300
8	14800	14200	14500	9920	8750	9160	30400	27900	28700	25500	24000	24700
9	15600	14100	15200	11000	9580	10000	28800	26900	28400	27800	25400	26600
10	14100	12500	13400	19400	10100	12700	28500	26800	27800	26800	25200	26300
11	12800	10200	11500	20000	14100	15900	28400	26700	27800	27600	25100	26600
12	12200	9580	10600	19900	14800	17300	26700	24000	25200	28100	26500	27200
13	12800	11100	12100	19400	16000	17700	25800	23400	24100	28400	26700	27500
14	17300	12200	14200	21500	16500	19300	25000	23000	24000	30000	28100	29100
15	19300	13300	16300	23000	16800	19900	24400	23000	23800	30900	27600	29100
16	17000	3410	7190	25200	17000	22200	24000	23000	23600	30400	25400	27900
17	15100	3410	5220	25900	23700	24700	24100	22200	23200	28400	25700	27100
18	4120	3590	3810	26200	24700	25600	23000	22600	22800	28000	27000	27600
19	18000	3770	10700	25000	22000	23900	23400	22500	23100	29900	27500	28700
20	17100	3590	4780	22800	20800	21500	24100	22800	23600	29300	26900	27900
21	17900	3590	6750	22300	20800	21600	25400	24100	25000	28000	26200	27100
22	17900	4120	14200	23300	20800	22300	25600	25400	25400	28700	26100	27500
23	18500	15900	17300	23900	20900	22700	25700	25300	25500	28600	26700	27600
24	18800	16000	17300	28800	21600	24500	25600	21500	24400	27600	24900	26200
25	19100	18800	19000	32400	23800	28100	23700	22000	22900	26100	25200	25600
26	19700	19000	19300	29500	24900	27200	23700	21800	22900	25600	23700	24700
27	19600	17100	18800	29200	24600	28100	23700	19100	22300	23800	22700	23300
28	17700	16000	17300	30600	25300	27700	22700	20000	20900	23800	23000	23400
29	17600	12800	15900	31300	26000	28700	21300	20200	20600	27200	23800	26100
30	14300	13500	14200	32200	26900	29500	20900	19900	20500	28300	27000	27700
31	---	---	---	30100	27700	28900	21400	20100	20900	---	---	---
MONTH	26500	3410	14100	32400	8750	19800	30600	19100	25000	30900	19700	25900

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.9	26.3	27.0	21.9	20.3	20.9	---	---	---	11.4	10.3	10.9
2	27.3	26.4	26.8	23.3	21.6	22.5	16.6	15.5	16.2	13.5	10.6	12.2
3	27.0	25.9	26.7	22.7	19.4	21.6	17.8	16.0	16.9	10.6	8.3	9.2
4	25.9	23.7	24.9	19.4	16.1	17.5	19.2	17.6	18.6	9.6	7.5	8.7
5	24.6	23.4	23.8	16.8	15.8	16.3	21.2	18.6	19.8	11.5	9.0	10.3
6	24.8	23.2	24.1	18.2	16.0	17.1	22.1	19.7	20.7	12.2	10.6	11.5
7	23.2	21.7	22.4	20.7	18.0	19.5	21.0	18.1	20.0	10.6	5.5	8.1
8	23.0	21.3	22.1	19.5	16.7	18.4	19.0	17.6	18.2	6.4	3.5	5.0
9	23.5	22.0	22.6	17.8	15.8	16.7	18.4	13.9	17.0	7.0	3.6	5.3
10	24.6	22.2	23.4	18.6	16.6	17.6	13.9	10.1	11.7	8.8	5.8	7.3
11	25.2	23.5	24.4	19.4	15.5	18.1	11.0	9.3	10.1	9.8	7.9	8.9
12	25.2	24.4	24.7	16.3	14.5	15.3	12.2	9.9	11.1	10.4	8.9	9.7
13	26.6	24.5	25.4	17.0	14.1	15.5	13.4	11.6	12.6	11.8	8.6	10.1
14	26.0	22.2	24.8	16.4	15.0	15.7	14.8	13.1	13.8	11.3	9.8	10.8
15	22.2	19.9	20.5	16.2	14.0	15.2	17.0	14.2	15.5	13.2	11.1	12.0
16	20.8	19.0	19.9	17.5	15.6	16.5	17.3	15.7	16.7	14.4	12.6	13.6
17	21.9	20.0	20.8	17.6	16.1	16.8	17.7	16.2	17.2	15.3	14.0	14.5
18	22.9	21.4	22.1	17.5	16.6	17.1	18.3	17.6	18.0	16.5	14.0	15.3
19	24.0	22.1	23.0	18.1	16.9	17.5	18.8	13.5	15.7	14.1	8.8	10.1
20	23.7	21.0	22.8	18.1	17.5	17.9	13.7	10.3	11.7	11.2	8.6	9.9
21	21.7	19.8	20.6	18.6	17.4	18.0	10.8	9.3	10.2	10.9	10.1	10.5
22	21.5	18.9	20.4	17.4	15.9	16.5	10.4	8.1	9.3	12.7	10.3	11.4
23	22.2	20.6	21.5	17.9	15.8	16.9	8.4	6.9	7.7	14.2	11.7	12.8
24	24.1	21.9	23.1	18.0	15.4	17.2	8.8	6.3	7.4	15.3	12.6	13.8
25	23.4	22.3	22.6	16.5	14.5	15.3	9.0	6.3	7.8	13.0	11.3	12.3
26	23.9	21.8	22.7	17.5	14.5	16.0	8.9	7.0	8.1	15.0	12.6	13.6
27	25.0	22.9	23.8	18.0	15.9	17.0	9.1	7.6	8.4	15.9	12.0	13.7
28	24.7	23.1	23.9	19.0	17.3	18.1	8.5	6.7	7.6	12.2	10.4	11.5
29	23.1	19.7	21.0	18.0	16.2	17.3	8.1	6.3	7.2	13.3	11.7	12.4
30	---	---	---	16.5	14.9	15.7	9.2	7.4	8.3	15.2	12.7	13.9
31	20.4	19.4	19.8	---	---	---	10.5	9.0	9.5	16.2	13.4	14.6
MONTH	27.9	18.9	23.1	23.3	14.0	17.4	22.1	6.3	13.1	16.5	3.5	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.4	12.8	13.0	14.3	12.8	13.4	18.8	16.5	17.6	23.5	20.0	21.6
2	12.9	10.0	11.8	15.6	11.7	13.1	19.5	15.2	17.1	24.0	20.8	22.2
3	10.0	6.4	8.2	15.3	12.7	14.1	19.0	15.8	17.5	25.4	21.7	23.5
4	6.4	3.4	4.9	17.4	14.6	15.9	19.9	17.8	18.7	25.7	23.6	24.5
5	6.1	2.6	4.4	17.9	16.0	17.1	19.6	18.8	19.2	26.4	24.5	25.4
6	8.0	4.8	6.4	19.3	17.5	18.4	19.0	15.3	17.4	27.2	24.9	26.0
7	10.0	6.7	8.3	18.9	13.1	17.0	17.2	14.6	16.0	27.3	25.2	26.3
8	11.5	8.6	10.1	13.1	8.4	10.6	19.0	15.5	17.3	26.9	25.5	26.2
9	13.6	10.2	11.5	9.6	7.2	8.3	19.3	16.7	18.2	27.2	25.1	26.1
10	14.6	10.8	12.3	9.9	7.0	8.4	18.9	16.9	17.9	27.6	25.5	26.6
11	13.6	10.9	12.2	10.9	7.7	9.3	20.1	16.9	18.4	28.3	25.7	26.7
12	12.9	10.9	11.9	12.7	8.5	10.8	20.1	18.4	19.2	26.9	24.5	25.6
13	12.1	10.0	11.1	15.2	11.1	13.4	22.3	19.2	20.6	28.4	24.9	26.3
14	13.3	10.9	12.0	17.1	14.7	16.0	22.1	21.2	21.5	27.9	25.7	26.7
15	15.3	12.2	14.0	18.8	16.8	18.1	22.3	20.1	21.5	28.3	25.3	26.8
16	15.0	10.7	12.9	19.7	18.1	19.1	20.7	17.3	19.3	29.1	26.5	27.6
17	11.6	9.0	10.5	19.7	18.2	19.0	20.2	18.4	19.4	29.5	26.8	27.9
18	13.9	9.9	12.0	20.8	13.3	18.9	19.8	18.8	19.2	29.4	26.6	27.9
19	14.3	12.3	13.4	---	---	---	21.6	19.2	20.4	29.5	27.0	28.1
20	16.9	13.3	14.9	13.6	10.3	12.0	22.7	20.6	21.6	29.4	27.2	28.2
21	17.4	15.2	16.5	13.9	9.7	11.8	24.0	21.5	22.7	30.2	27.4	28.7
22	17.5	16.5	17.0	15.1	11.7	13.4	24.9	22.5	23.6	30.2	27.9	29.1
23	16.7	15.8	16.2	16.2	13.4	14.9	25.1	22.8	24.0	29.9	28.3	28.8
24	18.9	15.5	17.0	17.5	15.3	16.3	23.0	20.0	21.8	30.0	27.7	28.6
25	19.7	18.1	18.7	17.8	17.3	17.4	22.6	20.2	21.5	30.5	28.0	29.1
26	20.5	19.1	19.9	17.6	15.4	16.5	24.8	21.9	23.1	30.0	28.1	29.0
27	20.9	19.8	20.4	15.4	14.7	14.9	25.7	23.2	24.4	29.4	27.6	28.6
28	22.0	18.5	20.7	16.8	14.7	15.7	26.2	24.0	25.0	29.8	27.0	28.2
29	18.5	14.3	16.3	16.9	16.2	16.6	25.1	22.7	24.5	28.3	27.2	27.7
30	---	---	---	17.4	16.8	17.1	22.7	19.7	21.1	29.4	26.1	27.5
31	---	---	---	20.2	17.3	18.4	---	---	---	29.6	27.1	28.1
MONTH	22.0	2.6	13.1	20.8	7.0	14.9	26.2	14.6	20.3	30.5	20.0	26.9

MISSISSIPPI RIVER DELTA

07374528 NORTH CALIFORNIA BAY NEAR POINTE-A-LA-HACHE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.4	27.2	27.9	31.8	29.6	30.6	29.1	28.0	28.8	29.0	27.6	28.2
2	28.2	26.4	27.2	31.7	30.2	30.9	30.1	27.9	28.9	30.1	27.6	28.7
3	29.3	26.9	27.6	32.4	30.4	31.2	30.8	28.5	29.5	29.6	28.3	28.8
4	29.8	27.1	28.3	33.1	31.2	31.9	32.7	28.9	30.3	30.6	28.0	28.9
5	30.0	28.0	28.8	33.0	30.8	31.8	32.6	30.0	31.1	30.8	28.5	29.6
6	29.4	27.7	28.5	32.8	30.0	31.4	31.8	30.5	31.1	29.9	28.4	28.9
7	28.3	26.9	27.8	31.2	29.1	30.2	31.7	29.9	30.7	30.4	28.2	29.1
8	27.9	25.7	26.6	29.1	26.8	27.9	32.8	29.5	31.1	31.2	28.5	29.7
9	28.0	25.2	26.4	30.4	27.1	28.5	32.1	28.5	30.6	31.0	29.3	30.0
10	29.3	25.5	27.0	31.2	28.5	29.7	30.5	28.4	29.1	30.8	28.3	29.5
11	29.3	26.0	27.7	32.4	29.3	30.8	29.3	28.2	28.8	31.2	29.4	30.2
12	29.8	27.2	28.6	32.3	29.9	30.9	29.9	27.5	28.5	31.5	29.8	30.6
13	30.6	27.6	29.1	32.0	30.6	31.2	29.0	27.8	28.4	31.1	29.7	30.5
14	30.3	28.3	29.3	31.1	29.7	30.3	30.3	27.9	29.0	30.1	28.7	29.4
15	31.0	28.3	29.4	31.8	29.4	30.5	30.5	28.9	29.6	29.5	28.1	28.8
16	31.1	28.1	29.5	32.1	29.9	31.0	31.3	28.8	30.0	29.7	28.0	28.8
17	31.1	28.8	29.9	31.7	29.9	30.8	31.7	29.5	30.5	30.2	28.4	29.1
18	31.5	29.5	30.4	31.2	29.5	30.3	31.0	29.5	30.3	30.3	28.1	29.2
19	31.1	29.5	30.2	32.8	29.6	30.6	31.6	29.4	30.4	29.2	27.9	28.4
20	30.9	28.5	29.7	32.4	30.1	31.2	30.8	29.5	30.0	28.0	26.6	27.5
21	32.0	29.5	30.5	32.4	29.8	30.9	29.5	28.0	28.6	27.0	25.8	26.5
22	31.8	30.4	31.0	32.6	29.7	30.9	28.8	27.3	28.0	27.5	25.7	26.5
23	32.2	29.5	30.8	33.0	29.7	30.8	29.3	27.5	28.3	27.8	25.7	26.4
24	32.5	30.0	31.0	30.5	28.8	29.6	30.7	28.2	29.0	28.1	25.8	26.9
25	32.6	29.8	31.3	31.2	28.3	29.4	30.2	28.7	29.5	28.2	26.1	27.1
26	33.4	30.1	31.8	30.4	28.5	29.2	30.1	28.4	29.3	28.1	26.6	27.3
27	32.6	26.9	29.9	29.9	28.7	29.1	30.8	28.4	29.3	28.2	26.8	27.4
28	30.1	26.7	28.2	32.0	28.6	29.7	30.7	29.3	30.0	27.1	24.6	26.2
29	31.5	28.2	29.6	31.0	29.4	30.2	31.0	29.2	30.0	24.6	23.0	23.6
30	31.4	29.5	30.3	31.2	29.2	30.1	30.3	28.9	29.5	24.1	22.2	23.2
31	---	---	---	30.0	28.9	29.4	29.4	27.7	28.4	---	---	---
MONTH	33.4	25.2	29.1	33.1	26.8	30.4	32.8	27.3	29.6	31.5	22.2	28.2

LOWER MISSISSIPPI RIVER BASIN

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)

LOCATION.--Lat 29°16'26", long 89°21'00", T.21 S., R.31 E., Plaquemines Parish, Hydrologic Unit 08090100, cross section of river at Venice and at mile 10.7.

DRAINAGE AREA.--Not determined.

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

REMARKS.--All dissolved constituents are results from water that has be filtered through 0.45 micron filters.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
		(µS/CM) (00095)	(00400)	(00010)	(00080)	(00076)	(50086)		(00340)			
OCT 1995												
19...	0915	1480	7.90	23.0	0	4.0	<1	8.1	22	0.3	960	170
DEC 13...												
FEB 1996	0930	556	7.90	11.0	15	2.0	<1	10.4	13	1.2	620	350
05...												
APR 19...	1200	404	7.87	4.0	5	130	<1	11.8	30	2.7	--	600
19...	1115	379	7.90	13.0	5	40	<1	9.6	22	1.5	--	820
JUL 26...	1215	517	8.25	29.0	10	35	<1	6.4	19	0.2	--	740
SEP 19...	1015	1570	7.84	29.0	5	4.0	<1	6.6	34	--	650	430
DATE	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)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	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)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT 1995												
19...	260	49	33	131	110	320	0.30	808	--	0.01	0.01	0.68
DEC 13...												
FEB 1996	160	39	15	103	78	44	0.40	330	5	0.03	0.02	1.4
05...												
APR 19...	140	37	11	99	49	32	0.20	234	410	0.03	0.02	1.4
19...	130	34	10	92	48	23	0.20	240	110	<0.01	--	1.7
JUL 26...												
SEP 19...	210	53	18	138	58	34	0.30	298	--	<0.01	<0.01	3.1
19...	270	50	35	128	110	340	0.40	898	7	0.01	<0.01	1.1
DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ARSENIC TOTAL (µG/L AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	
OCT 1995												
19...	0.68	0.01	0.01	0.31	0.27	0.10	0.10	0.10	0.10	2	<0.5	
DEC 13...												
FEB 1996	1.4	0.07	0.06	--	0.43	0.15	0.13	0.16	0.15	1	<0.5	
05...												
APR 19...	1.4	0.05	--	1.1	0.33	0.61	0.07	0.15	0.08	5	<0.5	
19...	1.7	0.02	0.02	0.65	0.31	0.21	0.07	0.07	0.05	2	<0.5	
JUL 26...												
SEP 19...	3.1	0.02	0.02	0.66	0.36	0.18	0.09	0.14	--	3	<0.5	
19...	1.1	<0.01	<0.01	--	0.29	0.11	0.10	0.12	0.11	2	<0.5	

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN
07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)—Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	CADMIUM TOTAL RECOVERABLE (μG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (μG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (μG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (μG/L AS FE) (01045)	LEAD, TOTAL RECOVERABLE (μG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (μG/L AS MN) (01055)	MERCURY TOTAL RECOVERABLE (μG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (μG/L AS NI) (01067)	SELENIUM, TOTAL (μG/L AS SE) (01147)	VANADIUM, DISSOLVED (μG/L AS V) (01085)	ZINC, TOTAL RECOVERABLE (μG/L AS ZN) (01092)
OCT 1995											
19...	<1	<1	3	200	<1	20	<0.1	2	<1	2	5
DEC 13...	<1	<1	2	--	<1	--	<0.1	2	<1	2	5
FEB 1996											
05...	<1	9	11	9700	12	620	<0.1	16	1	<1	50
APR 19...	<1	3	7	3300	5	200	<0.1	5	<1	<1	20
JUL 26...	<1	2	6	2100	6	170	<0.1	6	1	3	30
SEP 19...	<1	<1	3	200	<1	13	<0.1	1	<1	4	3
DATE	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (μG/L) (32730)	OIL AND GREASE, TOTAL RECOVERABLE GRAVIMETRIC (MG/L) (00556)	SILICAZINE, WATER, DISS, REC (μG/L) (04035)	PRO-METRYN, WATER, DISS, REC (μG/L) (04036)	PRO-METON, WATER, DISS, REC (μG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (μG/L) (04038)	DEETHYL ATRAZINE, WATER, DISS, REC (μG/L) (04040)	CYANAZINE, WATER, DISS, REC (μG/L) (04041)	AMETRYN WATER, DISS, REC (μG/L) (38401)
OCT 1995											
19...	--	<0.01	<1	<1	--	--	--	--	--	--	--
DEC 13...	6.5	<0.01	--	1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
FEB 1996											
05...	9.5	<0.01	<1	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
APR 19...	5.6	<0.01	<1	1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
JUL 26...	7.2	<0.01	3	<1	0.07	<0.05	<0.05	0.11	0.27	0.4	<0.05
SEP 19...	4.2	<0.01	3	3	<0.05	<0.05	<0.05	<0.05	0.08	<0.2	<0.05
DATE	PROP-AZINE WATER DISS REC (μG/L) (38535)	METO-LACHLOR WATER DISSOLV (μG/L) (39415)	ATRAZINE, WATER, DISS, REC (μG/L) (39632)	2,4-D, TOTAL (μG/L) (39730)	2,4,5-T TOTAL (μG/L) (39740)	SILVEX, TOTAL (μG/L) (39760)	ALA- CHLOR, WATER, DISS, REC, (μG/L) (46342)	2, 4-DP TOTAL (μG/L) (82183)	METRI- BUZIN SENCOR WATER DISSOLV (μG/L) (82630)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70954)
OCT 1995											
19...	--	--	--	<0.01	<0.01	<0.01	--	<0.01	--	--	--
DEC 13...	<0.05	<0.05	0.05	<0.01	<0.01	<0.01	<0.05	<0.01	<0.05	--	--
FEB 1996											
05...	<0.05	<0.05	<0.05	0.04	<0.01	<0.01	<0.05	<0.01	<0.05	--	--
APR 19...	<0.05	0.07	0.06	<0.01	<0.01	<0.01	<0.05	<0.01	<0.05	0.7	<0.1
JUL 26...	<0.05	0.66	1.1	0.01	<0.01	<0.01	<0.05	<0.01	<0.05	0.3	<0.1
SEP 19...	<0.05	0.12	0.30	<0.01	<0.01	<0.01	<0.05	<0.01	<0.05	0.2	<0.1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE 1/4 NE 1/4 and SW 1/4 NE 1/4 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 mi², not including Bull Branch which has a drainage area of 7.5 mi² at State Highway 40. Total drainage area for extreme floods is 103 mi².

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.

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 sea level. Prior to June 9, 1944, non-recording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 1,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 20	0300	2190	15.64	Mar. 18	1700	1470	14.09
Jan. 28	0400	*3300	*17.15	May 30	1600	1950	15.19

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	90	59	108	185	353	651	115	210	73	59	65
2	49	157	59	212	176	202	240	85	158	68	62	59
3	54	546	59	239	315	150	160	76	326	65	59	55
4	82	716	59	143	360	123	135	72	345	63	58	53
5	81	221	59	116	189	108	121	70	146	61	56	52
6	65	119	60	105	150	102	169	69	109	60	54	51
7	58	106	61	97	138	130	305	67	94	59	62	62
8	55	109	63	91	127	184	210	65	88	59	60	66
9	54	96	61	86	117	135	139	64	92	59	55	62
10	53	82	62	83	109	107	117	152	83	59	71	55
11	53	79	61	82	102	96	103	97	77	59	71	57
12	52	101	59	82	94	90	95	82	74	57	60	53
13	54	88	59	83	87	86	116	77	97	56	74	51
14	78	77	60	79	83	83	212	69	101	57	74	50
15	112	73	59	78	82	81	286	65	119	66	60	51
16	73	70	59	77	80	78	237	63	109	77	56	58
17	59	67	62	77	77	142	140	62	91	64	54	59
18	56	66	232	76	75	1060	117	61	79	62	53	56
19	55	65	1240	79	77	1230	111	59	74	59	52	53
20	53	65	1690	79	128	599	106	59	73	57	52	52
21	52	73	573	75	139	229	97	58	77	56	56	55
22	51	71	214	75	102	165	89	57	73	55	73	94
23	51	66	157	74	90	138	97	56	69	54	55	84
24	51	67	130	81	83	121	197	55	68	54	52	59
25	50	65	115	143	78	114	127	54	66	57	51	54
26	50	63	104	118	76	294	97	56	65	60	50	52
27	49	62	97	964	74	209	88	55	72	62	50	53
28	50	61	92	2410	194	136	84	54	178	60	50	60
29	52	61	87	724	476	122	79	138	143	58	73	67
30	50	60	84	290	---	282	90	1420	88	60	86	57
31	56	---	85	226	---	740	---	984	---	59	73	---
TOTAL	1807	3642	5921	7252	4063	7689	4815	4516	3444	1875	1871	1755
MEAN	58.3	121	191	234	140	248	160	146	115	60.5	60.4	58.5
MAX	112	716	1690	2410	476	1230	651	1420	345	77	86	94
MIN	49	60	59	74	74	78	79	54	65	54	50	50
CFSM	.61	1.27	2.00	2.45	1.47	2.60	1.68	1.53	1.20	.63	.63	.61
IN.	.70	1.42	2.31	2.82	1.58	3.00	1.88	1.76	1.34	.73	.73	.68

MISSISSIPPI RIVER DELTA
07375000 TCHEFUNCTA RIVER NEAR FOLSOM--Continued

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

MEAN	65.2	122	187	243	299	258	252	166	99.0	93.1	98.1	90.5
MAX	216	800	866	1630	1257	621	1227	853	373	302	426	419
(WY)	1978	1962	1954	1993	1961	1973	1983	1953	1959	1949	1983	1977
MIN	32.0	39.5	51.3	57.7	57.7	53.6	50.6	44.8	35.5	36.8	34.3	31.1
(WY)	1969	1982	1970	1957	1968	1955	1963	1963	1968	1968	1968	1968
SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR				FOR 1996 WATER YEAR				WATER YEARS 1944 - 1996			
ANNUAL TOTAL	97818				48650							
ANNUAL MEAN	268				133				164			
HIGHEST ANNUAL MEAN									313			
LOWEST ANNUAL MEAN									62.5			
HIGHEST DAILY MEAN	5310				2410				15100			
LOWEST DAILY MEAN	49				49				.00			
ANNUAL SEVEN-DAY MINIMUM	50				50				28			
INSTANTANEOUS PEAK FLOW					3300				29800			
INSTANTANEOUS PEAK STAGE					17.15				24.14			
INSTANTANEOUS LOW FLOW					49				47			
INSTANTANEOUS LOW STAGE					5.12				4.75			
ANNUAL RUNOFF (CFSM)	2.81				1.39				1.71			
ANNUAL RUNOFF (INCHES)	38.10				18.95				23.28			
10 PERCENT EXCEEDS	593				211				300			
50 PERCENT EXCEEDS	88				75				72			
90 PERCENT EXCEEDS	55				54				44			

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.21	5.91	5.47	6.23	7.21	8.74	10.74	6.30	7.36	5.55	5.31	5.40
2	5.21	6.75	5.46	7.48	7.12	7.39	7.76	5.82	6.80	5.46	5.35	5.29
3	5.31	10.06	5.46	7.76	8.44	6.82	6.93	5.67	8.51	5.41	5.30	5.23
4	5.78	11.13	5.46	6.72	8.80	6.45	6.60	5.61	8.63	5.37	5.27	5.19
5	5.76	7.53	5.46	6.35	7.25	6.23	6.39	5.58	6.65	5.34	5.24	5.17
6	5.49	6.40	5.49	6.19	6.82	6.15	7.00	5.54	6.12	5.32	5.21	5.15
7	5.37	6.21	5.50	6.08	6.67	6.53	8.38	5.52	5.89	5.30	5.35	5.36
8	5.31	6.26	5.52	5.99	6.52	7.20	7.46	5.48	5.80	5.29	5.32	5.43
9	5.30	6.05	5.49	5.90	6.37	6.61	6.65	5.47	5.86	5.29	5.22	5.34
10	5.29	5.85	5.52	5.86	6.25	6.23	6.33	6.77	5.71	5.29	5.51	5.22
11	5.28	5.80	5.50	5.84	6.15	6.06	6.12	6.03	5.61	5.30	5.51	5.25
12	5.27	6.13	5.47	5.84	6.03	5.96	6.00	5.77	5.57	5.26	5.31	5.18
13	5.31	5.94	5.47	5.86	5.92	5.90	6.31	5.69	5.93	5.25	5.56	5.15
14	5.71	5.76	5.47	5.80	5.86	5.86	7.50	5.55	6.00	5.26	5.56	5.13
15	6.26	5.70	5.47	5.77	5.84	5.82	8.21	5.49	6.27	5.42	5.32	5.15
16	5.62	5.64	5.46	5.76	5.81	5.78	7.73	5.46	6.12	5.60	5.24	5.27
17	5.39	5.60	5.52	5.75	5.76	6.57	6.67	5.42	5.84	5.38	5.21	5.29
18	5.34	5.58	7.43	5.74	5.73	12.43	6.33	5.41	5.64	5.36	5.18	5.24
19	5.32	5.56	12.99	5.80	5.76	13.38	6.24	5.38	5.57	5.29	5.17	5.18
20	5.29	5.57	14.51	5.79	6.51	10.38	6.16	5.37	5.55	5.26	5.17	5.16
21	5.26	5.71	10.19	5.73	6.66	7.67	6.02	5.35	5.62	5.24	5.23	5.23
22	5.25	5.67	7.51	5.73	6.15	7.00	5.89	5.33	5.55	5.22	5.54	5.87
23	5.25	5.58	6.90	5.72	5.96	6.66	6.02	5.33	5.47	5.21	5.22	5.73
24	5.25	5.60	6.56	5.83	5.86	6.42	7.33	5.31	5.45	5.20	5.16	5.30
25	5.24	5.56	6.33	6.73	5.78	6.32	6.47	5.29	5.42	5.26	5.15	5.20
26	5.22	5.54	6.18	6.35	5.74	8.24	6.03	5.32	5.41	5.31	5.13	5.17
27	5.22	5.51	6.08	11.80	5.72	7.44	5.88	5.29	5.52	5.36	5.14	5.18
28	5.22	5.50	6.00	15.77	7.10	6.64	5.81	5.28	7.02	5.32	5.13	5.31
29	5.26	5.49	5.93	11.07	9.68	6.44	5.73	6.39	6.59	5.27	5.53	5.43
30	5.24	5.48	5.87	8.25	---	8.03	5.91	13.52	5.79	5.32	5.75	5.26
31	5.34	---	5.89	7.64	---	11.28	---	12.24	---	5.29	5.54	---
MAX	6.26	11.13	14.51	15.77	9.68	13.38	10.74	13.52	8.63	5.60	5.75	5.87
MIN	5.21	5.48	5.46	5.72	5.72	5.78	5.73	5.28	5.41	5.20	5.13	5.13

MISSISSIPPI RIVER DELTA
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 Chappapeela Creek, and 6.0 mi east of Hammond.

DRAINAGE AREA.--646 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft above sea level. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft, from floodmark.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 20	0830	*12,700	18.03	Jan. 28	0730	10,100	17.13

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	537	662	593	956	1950	2130	2410	749	1010	534	662	514
2	544	1570	589	1200	1940	1410	1380	688	866	521	742	487
3	646	3910	585	1290	2540	1120	1140	654	1600	512	662	470
4	851	2960	586	1070	2810	990	1020	635	1660	508	614	460
5	769	1450	619	957	1950	906	937	619	1010	495	553	455
6	672	1010	656	897	1460	878	1250	607	794	489	521	452
7	611	954	637	857	1280	1130	1440	596	700	482	502	466
8	577	951	637	825	1170	2140	1390	585	671	478	603	458
9	562	913	681	797	1090	1610	1150	582	646	478	597	463
10	554	880	791	771	1040	1260	997	571	626	503	698	483
11	551	872	789	758	991	1060	896	581	594	504	755	470
12	550	816	734	754	944	949	834	580	578	483	602	463
13	548	762	680	744	899	886	919	575	599	474	592	449
14	716	717	649	737	860	843	1130	561	595	498	612	440
15	1020	685	627	720	833	815	2620	545	656	649	563	452
16	806	664	617	711	813	795	1570	533	677	595	517	452
17	680	644	637	701	788	1300	1290	525	741	565	493	459
18	620	633	2170	706	770	2630	1120	518	669	544	479	459
19	590	624	8660	704	767	3200	964	516	613	512	475	460
20	574	629	12200	698	901	2240	874	509	591	493	476	450
21	560	636	9170	687	982	1310	812	499	653	482	472	528
22	555	647	4530	683	879	1070	759	491	579	491	480	582
23	552	633	1960	702	808	966	946	485	714	465	459	582
24	550	657	1470	856	766	901	1360	479	678	471	453	511
25	548	638	1260	972	739	929	1220	475	602	634	448	467
26	577	626	1130	975	720	1210	1020	470	579	657	472	448
27	562	608	1050	5530	708	1120	901	465	587	591	476	457
28	554	599	991	9390	1760	1020	859	462	648	515	478	539
29	557	591	936	6900	3350	941	781	507	604	556	483	518
30	583	592	895	3570	---	2360	744	1720	561	554	487	514
31	603	---	899	1950	---	3850	---	2000	---	514	515	---
TOTAL	19179	28533	58428	49068	36508	43969	34733	19782	22101	16247	16941	14408
MEAN	619	951	1885	1583	1259	1418	1158	638	737	524	546	480
MAX	1020	3910	12200	9390	3350	3850	2620	2000	1660	657	755	582
MIN	537	591	585	683	708	795	744	462	561	465	448	440
CFSM	.96	1.47	2.92	2.45	1.95	2.20	1.79	.99	1.14	.81	.85	.74
IN.	1.10	1.64	3.36	2.83	2.10	2.53	2.00	1.14	1.27	.94	.98	.83

MISSISSIPPI RIVER DELTA
07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

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

MEAN	566	775	1318	1624	2008	1846	1818	1207	808	779	726	722
MAX	1594	3122	4534	4885	7611	5106	8813	4689	2746	3112	2114	3021
(WY)	1965	1949	1962	1993	1966	1943	1983	1953	1975	1946	1983	1971
MIN	270	294	315	381	487	530	437	362	356	363	345	321
(WY)	1968	1940	1940	1940	1968	1967	1963	1963	1963	1968	1968	1968

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	577848		359897			
ANNUAL MEAN	1583		983		1178	
HIGHEST ANNUAL MEAN					2258	
LOWEST ANNUAL MEAN					525	
HIGHEST DAILY MEAN	19200	Apr 12	12200	Dec 20	78500	Apr 7 1983
LOWEST DAILY MEAN	520	Sep 13	440	Sep 14	245	Oct 30 1968
ANNUAL SEVEN-DAY MINIMUM	522	Sep 8	453	Se 13	246	Oct 28 1968
INSTANTANEOUS PEAK FLOW			12700	Dec 20	85000	Apr 7 1983
INSTANTANEOUS PEAK STAGE			18.03	Dec 20	25.87	Apr 7 1983
INSTANTANEOUS LOW FLOW			437	Sep 14	245	Oct 30 1968
INSTANTANEOUS LOW STAGE			6.21	Sep 14,15		
ANNUAL RUNOFF (CFSM)	2.45		1.52		1.82	
ANNUAL RUNOFF (INCHES)	33.28		20.72		24.79	
10 PERCENT EXCEEDS	3490		1500		2100	
50 PERCENT EXCEEDS	770		662		646	
90 PERCENT EXCEEDS	562		478		384	

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.37	6.77	6.62	7.90	10.51	10.85	11.33	7.35	8.06	6.55	6.98	6.48
2	6.37	9.11	6.61	8.66	10.49	9.23	9.16	7.17	7.63	6.50	7.25	6.39
3	6.71	13.44	6.59	8.91	11.62	8.44	8.48	7.05	9.66	6.47	6.99	6.33
4	7.39	12.21	6.60	8.28	12.07	8.01	8.09	6.99	9.84	6.46	6.83	6.29
5	7.12	9.24	6.71	7.90	10.51	7.75	7.84	6.94	8.08	6.42	6.61	6.28
6	6.80	7.96	6.84	7.72	9.39	7.66	8.78	6.90	7.41	6.39	6.50	6.26
7	6.60	7.79	6.78	7.60	8.88	8.39	9.33	6.86	7.12	6.37	6.44	6.32
8	6.48	7.78	6.78	7.50	8.58	10.93	9.18	6.82	7.02	6.36	6.79	6.29
9	6.42	7.66	6.92	7.42	8.34	9.75	8.53	6.81	6.94	6.36	6.77	6.31
10	6.39	7.56	7.28	7.34	8.16	8.82	8.03	6.77	6.87	6.44	7.09	6.38
11	6.38	7.53	7.27	7.30	8.01	8.22	7.72	6.81	6.76	6.45	7.29	6.33
12	6.38	7.36	7.10	7.29	7.86	7.88	7.53	6.81	6.70	6.38	6.79	6.31
13	6.37	7.19	6.92	7.25	7.73	7.69	7.79	6.79	6.78	6.35	6.75	6.25
14	6.94	7.05	6.82	7.23	7.61	7.56	8.43	6.74	6.76	6.42	6.82	6.22
15	7.94	6.93	6.74	7.18	7.53	7.47	11.74	6.68	6.97	6.95	6.65	6.27
16	7.24	6.87	6.71	7.15	7.47	7.41	9.65	6.65	7.04	6.76	6.49	6.27
17	6.83	6.80	6.77	7.12	7.39	8.74	8.93	6.63	7.24	6.65	6.41	6.29
18	6.63	6.76	10.23	7.14	7.33	11.80	8.47	6.60	7.01	6.58	6.36	6.29
19	6.52	6.73	16.47	7.13	7.33	12.61	7.98	6.60	6.82	6.47	6.35	6.29
20	6.47	6.75	17.88	7.11	7.73	11.07	7.72	6.57	6.74	6.41	6.35	6.26
21	6.42	6.77	16.74	7.07	7.98	8.95	7.54	6.54	6.96	6.37	6.34	6.53
22	6.40	6.81	13.84	7.06	7.67	8.26	7.38	6.51	6.70	6.40	6.37	6.72
23	6.39	6.76	10.53	7.12	7.45	7.93	7.94	6.49	7.15	6.31	6.29	6.71
24	6.38	6.84	9.41	7.60	7.32	7.73	9.11	6.47	7.04	6.33	6.27	6.47
25	6.37	6.78	8.84	7.95	7.24	7.82	8.76	6.46	6.78	6.87	6.25	6.32
26	6.48	6.74	8.47	7.95	7.18	8.69	8.17	6.44	6.70	6.96	6.34	6.25
27	6.42	6.68	8.21	14.49	7.14	8.42	7.80	6.42	6.73	6.75	6.35	6.28
28	6.39	6.65	8.01	16.86	9.62	8.11	7.68	6.41	6.94	6.48	6.36	6.57
29	6.41	6.62	7.84	15.67	12.79	7.85	7.45	6.56	6.79	6.63	6.38	6.49
30	6.50	6.62	7.72	12.93	---	10.86	7.33	9.90	6.64	6.62	6.39	6.48
31	6.57	---	7.73	10.51	---	13.38	---	10.59	---	6.48	6.48	---
MAX	7.94	13.44	17.88	16.86	12.79	13.38	11.74	10.59	9.84	6.96	7.29	6.72
MIN	6.37	6.62	6.59	7.06	7.14	7.41	7.33	6.41	6.64	6.31	6.25	6.22

MISSISSIPPI RIVER DELTA

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 mi².

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 and rain gage. Datum of gage is 204.44 ft above sea level (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 at station.

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 ft³/s, 17.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,000 ft³/s, Apr. 6, 1983, maximum gage height, 13.30 ft.; minimum gage height, 1.64 ft, Sept. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,230 ft³/s, Jan. 28; gage height, 8.60 ft; may have been higher during period of missing record; minimum gage height, 1.65 ft, Oct. 2, 21, 25-27; July 22, 23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.66	1.69	1.78	---	4.19	2.35	2.35	1.94	1.86	1.71	1.84	1.94
2	1.66	2.22	1.78	---	3.73	2.16	2.15	1.89	2.08	1.71	---	1.79
3	1.68	2.89	1.78	---	5.36	2.05	2.02	1.85	2.55	1.71	---	1.76
4	1.69	2.10	1.79	2.30	4.08	1.97	1.95	1.84	2.10	1.70	1.84	1.78
5	1.69	1.81	1.79	2.16	2.95	1.93	1.91	1.84	1.89	1.69	1.76	1.75
6	1.69	1.83	1.79	2.13	2.66	1.98	2.50	1.84	1.83	1.70	1.76	1.73
7	1.68	2.11	1.79	---	---	2.34	3.05	1.84	1.82	---	1.77	1.73
8	1.67	2.34	1.80	---	2.37	2.96	2.44	1.84	1.87	---	1.77	1.81
9	1.67	---	2.17	---	2.28	2.44	2.16	1.83	1.86	---	1.91	1.89
10	1.67	---	2.35	1.97	2.20	2.18	2.01	1.83	1.84	---	1.86	1.85
11	1.66	---	---	1.96	2.14	2.05	1.93	1.84	1.80	1.70	2.01	1.79
12	1.66	---	---	1.95	2.06	---	1.89	1.87	1.79	1.68	1.86	1.76
13	1.67	---	---	1.93	2.01	---	2.27	1.84	1.80	1.68	1.77	1.74
14	1.69	---	---	1.91	1.99	---	2.53	1.84	1.88	1.74	1.75	1.75
15	1.69	---	---	1.91	1.98	1.88	3.07	1.83	1.99	1.71	1.72	1.74
16	1.69	---	---	1.91	1.94	1.87	3.18	1.82	1.92	1.70	1.72	1.79
17	1.69	---	---	1.90	1.91	1.86	2.46	1.81	1.86	1.85	1.75	1.78
18	1.69	---	---	1.91	1.91	2.92	2.18	1.81	1.79	1.77	1.71	1.75
19	1.68	---	---	1.90	1.93	3.62	2.06	1.80	1.78	1.72	1.70	1.74
20	1.67	---	---	1.89	2.26	3.15	1.98	1.79	1.81	1.69	1.77	1.74
21	1.66	---	---	1.90	2.16	2.44	1.93	1.79	1.77	1.68	1.75	1.99
22	1.66	---	---	1.90	---	2.19	1.89	1.78	1.75	1.67	1.72	2.11
23	1.67	---	---	1.89	---	2.07	2.68	1.78	1.77	1.69	1.70	1.88
24	1.66	---	---	1.98	1.93	2.01	3.00	1.77	1.81	1.80	1.69	1.78
25	1.66	---	---	2.01	1.90	2.28	2.31	1.78	1.78	1.73	1.70	1.76
26	1.66	---	---	2.31	---	2.67	2.16	1.78	1.76	1.83	1.71	1.75
27	1.66	1.79	---	6.67	---	2.40	3.35	1.74	1.75	1.74	1.70	1.80
28	1.69	1.78	---	8.24	---	2.18	2.45	1.75	1.73	1.75	1.71	1.84
29	1.68	1.79	---	4.45	---	2.09	2.12	1.97	1.72	1.73	1.75	1.81
30	1.68	1.79	---	3.10	---	2.34	2.01	2.32	1.71	1.75	1.85	1.78
31	1.69	---	---	3.13	---	2.37	---	2.06	---	1.78	2.04	---
MEAN	1.67	---	---	---	---	---	2.33	1.85	1.86	---	---	1.80
MAX	1.69	---	---	---	---	---	3.35	2.32	2.55	---	---	2.11
MIN	1.66	---	---	---	---	---	1.89	1.74	1.71	---	---	1.73

MISSISSIPPI RIVER DELTA

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 90°40'38", in SE 1/4 NE 1/4 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 mi².

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

REVISED RECORDS.--WSP 1711: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft above sea level. 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 21	0200	*7950	*16.82	Apr. 1	0300	2030	8.56
Jan. 29	0130	3460	11.89				

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110	144	128	252	574	644	1800	199	169	126	322	143
2	110	409	129	332	517	416	680	184	196	124	230	137
3	116	1210	129	433	717	319	403	174	281	123	180	137
4	130	1290	128	412	912	264	329	166	395	121	161	126
5	139	702	128	333	801	232	285	160	254	121	159	121
6	132	357	133	286	550	241	347	155	189	119	149	117
7	122	273	141	257	395	333	441	151	158	117	167	123
8	116	229	147	238	345	732	416	148	148	117	223	116
9	113	250	143	224	312	623	369	145	174	118	186	114
10	112	236	138	212	286	404	298	142	166	128	151	115
11	112	240	165	204	263	319	255	144	144	258	234	117
12	111	192	172	199	244	272	228	141	137	206	206	114
13	112	174	155	196	225	244	273	139	133	148	174	111
14	181	162	146	191	211	225	417	137	136	142	175	109
15	156	153	142	187	201	210	553	135	153	140	157	107
16	215	147	139	183	194	198	539	133	193	152	142	106
17	160	143	146	180	189	421	450	131	172	140	134	110
18	136	139	485	178	182	1170	374	130	154	132	130	111
19	125	137	1910	175	181	893	300	128	142	130	129	109
20	120	137	5040	174	197	730	261	125	144	131	127	110
21	116	136	6840	173	200	498	234	123	e150	126	126	129
22	114	136	4270	172	209	386	212	122	e137	123	128	131
23	113	136	2420	172	198	307	236	120	e130	121	140	174
24	113	137	735	198	184	265	353	119	e131	122	126	143
25	113	133	458	197	176	243	383	117	e135	120	120	127
26	112	131	379	262	171	342	323	116	139	164	118	114
27	112	131	331	1370	167	338	252	115	134	152	118	114
28	112	131	298	2980	472	305	223	115	165	138	131	123
29	117	129	273	3120	910	270	297	121	145	143	130	122
30	118	128	254	1810	---	802	242	140	131	237	148	116
31	124	---	247	1380	---	1790	---	200	---	202	150	---
TOTAL	3892	8052	26349	16680	10183	14436	11773	4375	5035	4441	4971	3646
MEAN	126	268	850	538	351	466	392	141	168	143	160	122
MAX	215	1290	6840	3120	912	1790	1800	200	395	258	322	174
MIN	110	128	128	172	167	198	212	115	130	117	118	106
CFSM	.51	1.09	3.44	2.18	1.42	1.89	1.59	.57	.68	.58	.65	.49
IN.	.59	1.21	3.97	2.51	1.53	2.17	1.77	.66	.76	.67	.75	.55

MISSISSIPPI RIVER DELTA

07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 1996, BY WATER YEAR (WY)

MEAN	153	235	441	598	722	661	631	400	233	200	211	211
MAX	591	957	1565	2152	2592	1696	2352	1989	927	891	840	1192
(WY)	1965	1978	1962	1990	1966	1943	1983	1991	1959	1946	1955	1977
MIN	71.2	76.7	101	98.1	115	138	118	97.4	101	97.7	85.1	75.0
(WY)	1969	1970	1961	1957	1968	1955	1963	1963	1965	1968	1968	1968

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1941 - 1996

ANNUAL TOTAL	222631		113833									
ANNUAL MEAN	610		311							389		
HIGHEST ANNUAL MEAN										707		1983
LOWEST ANNUAL MEAN										148		1970
HIGHEST DAILY MEAN	9450	Apr 13	6840	Dec 21	19200	Apr 7	1983					
LOWEST DAILY MEAN	110	Oct 1	106	Sep 16	65	Oct 3	1968					
ANNUAL SEVEN-DAY MINIMUM	112	Sep 11	109	Sep 14	66	Sep 27	1968					
INSTANTANEOUS PEAK FLOW			7950	Dec 21	22500	Apr 7	1983					
INSTANTANEOUS PEAK STAGE			16.82	Dec 21	21.04	Apr 7	1983					
INSTANTANEOUS LOW FLOW			104	Sep 20	65	Oct 1	1969					
INSTANTANEOUS LOW STAGE			0.44	Sep 20	0.44	Sep 20	1996					
ANNUAL RUNOFF (CFSM)	2.47		1.26		1.58							
ANNUAL RUNOFF (INCHES)	33.53		17.14		21.42							
10 PERCENT EXCEEDS	1790		462		802							
50 PERCENT EXCEEDS	192		163		167							
90 PERCENT EXCEEDS	117		117		100							

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	.99	.93	1.87	4.05	4.32	7.94	1.49	1.19	.69	2.20	.78
2	.65	2.77	.94	2.44	3.76	3.13	4.31	1.35	1.43	.66	1.51	.73
3	.71	6.23	.94	3.15	4.69	2.44	2.95	1.26	2.05	.64	1.09	.73
4	.85	6.48	.93	3.01	5.41	2.05	2.42	1.19	2.86	.63	.92	.62
5	.94	4.44	.93	2.45	5.03	1.81	2.10	1.14	1.85	.62	.89	.57
6	.87	2.68	.98	2.11	3.92	1.87	2.55	1.10	1.35	.60	.80	.53
7	.77	2.09	1.06	1.90	3.04	2.52	3.20	1.06	1.08	.58	.96	.60
8	.71	1.78	1.12	1.76	2.68	4.57	3.04	1.03	.98	.58	1.42	.53
9	.68	1.93	1.08	1.66	2.44	4.16	2.70	1.00	1.21	.58	1.12	.51
10	.67	1.83	1.03	1.58	2.25	3.01	2.20	.97	1.14	.67	.81	.52
11	.67	1.86	1.28	1.53	2.09	2.41	1.89	.98	.93	1.78	1.48	.55
12	.66	1.51	1.33	1.49	1.95	2.06	1.69	.96	.86	1.37	1.29	.52
13	.67	1.35	1.20	1.46	1.81	1.86	2.02	.94	.82	.87	1.03	.49
14	1.31	1.26	1.11	1.42	1.71	1.72	2.98	.92	.84	.81	1.04	.47
15	1.08	1.18	1.07	1.38	1.64	1.61	3.80	.90	1.00	.78	.88	.45
16	1.59	1.12	1.04	1.34	1.58	1.52	3.74	.88	1.36	.90	.73	.45
17	1.14	1.08	1.10	1.31	1.52	2.82	3.27	.86	1.17	.78	.66	.49
18	.91	1.04	3.20	1.30	1.47	6.15	2.74	.84	1.01	.69	.61	.50
19	.80	1.02	8.19	1.27	1.45	5.24	2.21	.83	.88	.67	.60	.48
20	.75	1.02	13.92	1.26	1.59	4.61	1.94	.80	.90	.68	.60	.50
21	.71	1.01	16.07	1.25	1.61	3.56	1.74	.78	---	.62	.59	.68
22	.69	1.01	13.29	1.24	1.68	2.84	1.58	.77	---	.59	.61	.71
23	.68	1.01	9.45	1.24	1.60	2.28	1.75	.75	---	.56	.73	1.11
24	.68	1.02	4.55	1.47	1.47	1.98	2.59	.74	---	.57	.59	.84
25	.68	.98	3.31	1.46	1.40	1.81	2.81	.72	---	.55	.54	.68
26	.67	.96	2.77	1.93	1.35	2.52	2.38	.70	---	.97	.52	.55
27	.67	.96	2.43	6.59	1.31	2.49	1.87	.69	.78	.85	.51	.55
28	.67	.95	2.20	10.82	3.21	2.26	1.66	.69	1.08	.72	.65	.65
29	.72	.94	2.02	11.14	5.37	2.00	2.19	.74	.88	.76	.64	.63
30	.73	.93	1.88	8.04	---	4.65	1.79	.93	.74	1.57	.83	.58
31	.79	---	1.83	6.85	---	7.92	---	1.46	---	1.30	.85	---
MAX	---	6.48	16.07	11.14	5.41	7.92	7.94	1.49	---	1.78	2.20	1.11
MIN	---	.93	.93	1.24	1.31	1.52	1.58	.69	---	.55	.51	.45

MISSISSIPPI RIVER DELTA

07376500 NATALBANY RIVER AT BAPTIST, LA.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE 1/4 NW 1/4 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 mi².

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 sea level. Prior to July 29, 1994, the datum of gage was 11.28 ft above sea level. 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.--No estimated discharge. Records good. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 1,700 ft³/s and maximum(*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 3	0300	2,010	12.84	Feb. 28	1830	1,940	12.69
Dec. 19	0300	2,360	13.49	Mar. 30	1500	1,790	12.36
Jan. 27	2300	*2,460	*13.66				

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	45	11	54	98	269	340	26	21	16	55	9.6
2	9.1	877	11	229	244	120	138	24	97	15	26	9.6
3	71	1500	11	121	381	68	83	23	421	15	16	9.0
4	54	322	12	59	174	48	61	22	216	14	14	8.7
5	19	85	12	41	98	38	49	21	51	14	12	8.9
6	13	41	11	34	74	42	281	21	31	14	11	9.1
7	10	95	13	30	63	131	222	20	25	14	11	31
8	9.6	49	13	27	54	218	100	20	27	13	10	12
9	9.3	30	12	25	47	96	61	20	48	14	11	16
10	9.0	25	11	23	43	58	45	19	29	38	17	13
11	8.8	139	11	22	38	44	36	20	23	23	15	10
12	8.9	42	10	22	33	37	32	19	21	16	12	8.7
13	9.2	24	10	20	31	32	120	18	20	15	31	8.2
14	414	20	11	20	29	29	296	18	22	14	17	8.4
15	37	17	13	19	28	27	647	18	23	20	12	16
16	17	15	9.9	18	26	26	128	17	19	21	11	11
17	12	14	65	18	25	675	66	17	18	17	10	9.7
18	11	13	1330	18	25	955	48	17	17	14	9.7	8.6
19	10	13	2130	17	27	459	41	17	19	13	9.6	8.4
20	9.5	15	1240	16	120	149	35	17	18	13	9.3	14
21	8.5	15	301	16	55	83	30	16	18	13	9.6	51
22	8.3	13	113	16	36	60	28	16	15	12	9.6	34
23	9.8	13	70	15	30	48	291	16	27	11	9.2	13
24	8.8	24	51	108	27	40	167	16	19	12	8.8	11
25	8.3	15	41	46	25	59	66	16	18	27	8.8	9.6
26	10	12	35	204	24	95	41	16	14	30	12	8.7
27	9.4	12	31	2000	24	57	32	16	80	32	12	25
28	10	12	28	1890	1120	44	28	16	161	14	11	33
29	7.8	12	26	511	849	37	28	26	24	15	12	16
30	9.5	11	24	189	---	1320	34	56	18	19	14	10
31	18	---	33	134	---	1210	---	32	---	17	10	---
TOTAL	859.0	3520	5699.9	5962	3848	6574	3574	636	1560	535	436.6	441.2
MEAN	27.7	117	184	192	133	212	119	20.5	52.0	17.3	14.1	14.7
MAX	414	1500	2130	2000	1120	1320	647	56	421	38	55	51
MIN	7.8	11	9.9	15	24	26	28	16	14	11	8.8	8.2
CFSM	.35	1.48	2.31	2.42	1.67	2.67	1.50	.26	.65	.22	.18	.18
IN.	.40	1.65	2.67	2.79	1.80	3.08	1.67	.30	.73	.25	.20	.21

MISSISSIPPI RIVER DELTA
07376500 NATALBANY RIVER AT BAPTIST, LA.--Continued

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

MEAN	34.4	79.2	142	182	248	214	203	120	58.2	54.1	60.5	58.8
MAX	356	750	710	582	1026	563	821	791	412	230	378	586
(WY)	1986	1949	1954	1993	1966	1995	1983	1953	1950	1946	1992	1977
MIN	2.61	3.47	6.97	9.48	19.3	15.2	8.36	5.60	5.88	4.55	4.94	5.86
(WY)	1964	1966	1959	1957	1968	1955	1963	1963	1955	1947	1948	1969

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1944 - 1996

ANNUAL TOTAL	73317.8		33645.7									
ANNUAL MEAN	201		91.9									
HIGHEST ANNUAL MEAN										120		
LOWEST ANNUAL MEAN										234		1983
HIGHEST DAILY MEAN	3960	Apr 12	2130	Dec 19	9700	Apr 7	1983					
LOWEST DAILY MEAN	7.8	Oct 29	7.8	Oct 29	1.8	Nov 3	1963					
ANNUAL SEVEN-DAY MINIMUM	9.0	Oct 21	9.0	Oct 21	2.1	Dec 11	1962					
INSTANTANEOUS PEAK FLOW			2460	Jan 27,28	9810	Apr 7	1983					
INSTANTANEOUS PEAK STAGE			13.66	Jan 27,28	20.80	Apr 7	1983					
INSTANTANEOUS LOW FLOW			3.7	Oct 29	1.8	Nov 2	1963					
INSTANTANEOUS LOW STAGE			3.08	Oct. 29								
ANNUAL RUNOFF (CFSM)	2.53		1.16		1.52							
ANNUAL RUNOFF (INCHES)	34.31		15.74		20.58							
10 PERCENT EXCEEDS	417		153		252							
50 PERCENT EXCEEDS	43		21		25							
90 PERCENT EXCEEDS	11		9.7		7.2							

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.31	4.18	3.54	4.37	4.81	6.06	6.44	3.86	3.69	3.53	4.37	3.32
2	3.30	8.22	3.54	5.84	5.75	5.10	5.24	3.79	4.84	3.51	3.84	3.32
3	4.35	11.33	3.55	5.09	6.69	4.59	4.75	3.76	6.85	3.50	3.55	3.30
4	4.35	6.35	3.57	4.47	5.45	4.30	4.50	3.73	5.68	3.49	3.47	3.29
5	3.64	4.83	3.55	4.19	4.80	4.14	4.32	3.71	4.34	3.48	3.40	3.29
6	3.44	4.30	3.55	4.07	4.55	4.21	6.05	3.69	3.98	3.47	3.37	3.30
7	3.36	4.78	3.60	3.97	4.41	5.15	5.78	3.67	3.83	3.47	3.37	3.89
8	3.32	4.41	3.61	3.87	4.29	5.76	4.92	3.67	3.88	3.46	3.35	3.39
9	3.31	4.10	3.56	3.82	4.19	4.88	4.49	3.67	4.29	3.47	3.36	3.50
10	3.30	3.95	3.55	3.77	4.11	4.46	4.26	3.64	3.95	4.03	3.57	3.45
11	3.29	5.10	3.53	3.74	4.02	4.24	4.11	3.66	3.76	3.75	3.51	3.34
12	3.30	4.30	3.51	3.72	3.93	4.12	4.02	3.65	3.69	3.53	3.41	3.29
13	3.31	3.92	3.51	3.68	3.89	4.02	5.02	3.61	3.67	3.50	3.89	3.27
14	6.67	3.81	3.54	3.65	3.83	3.95	6.01	3.60	3.71	3.48	3.58	3.27
15	4.09	3.73	3.60	3.63	3.81	3.89	7.82	3.59	3.75	3.67	3.41	3.53
16	3.57	3.68	3.49	3.62	3.75	3.84	5.16	3.58	3.63	3.70	3.37	3.39
17	3.41	3.63	4.14	3.60	3.71	7.56	4.56	3.58	3.61	3.59	3.34	3.33
18	3.38	3.61	10.29	3.62	3.71	9.38	4.30	3.57	3.57	3.46	3.33	3.29
19	3.35	3.59	13.04	3.57	3.77	7.08	4.19	3.57	3.62	3.44	3.32	3.28
20	3.32	3.67	10.57	3.55	4.99	5.32	4.09	3.56	3.61	3.43	3.31	3.44
21	3.28	3.68	6.23	3.55	4.30	4.76	3.98	3.55	3.62	3.43	3.32	4.15
22	3.27	3.60	5.05	3.54	3.99	4.48	3.91	3.54	3.51	3.40	3.32	3.97
23	3.33	3.60	4.61	3.53	3.85	4.30	6.03	3.54	3.86	3.38	3.31	3.43
24	3.29	3.92	4.36	4.93	3.77	4.18	5.43	3.54	3.62	3.39	3.29	3.38
25	3.27	3.67	4.20	4.28	3.72	4.43	4.55	3.53	3.60	3.73	3.29	3.32
26	3.34	3.58	4.08	5.05	3.69	4.88	4.20	3.53	3.49	3.92	3.41	3.29
27	3.32	3.56	3.99	12.76	3.67	4.44	4.02	3.53	4.07	3.94	3.40	3.68
28	3.34	3.58	3.91	12.46	9.31	4.24	3.91	3.53	5.20	3.49	3.38	4.00
29	3.25	3.56	3.86	7.31	8.84	4.13	3.90	3.81	3.80	3.51	3.41	3.53
30	3.32	3.55	3.80	5.57	---	10.43	4.06	4.41	3.60	3.65	3.47	3.35
31	3.55	---	4.00	5.15	---	10.37	---	3.99	---	3.55	3.35	---
MAX	6.67	11.33	13.04	12.76	9.31	10.43	7.82	4.41	6.85	4.03	4.37	4.15
MIN	3.25	3.55	3.49	3.53	3.67	3.84	3.90	3.53	3.49	3.38	3.29	3.27

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in sec. 72, T. 2 S., R. 4 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft above sea level. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

REMARKS.--Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 19	2030	*16,200	*15.21	Jan. 28	0900	11,800	13.63

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	300	424	328	682	1960	699	598	504	432	396	392	385
2	300	870	328	733	1900	e592	582	470	433	394	623	314
3	343	1300	329	710	3760	e509	524	458	492	391	509	300
4	431	790	347	676	2810	e491	495	441	463	391	1280	288
5	388	529	438	655	1490	e491	480	432	410	390	559	286
6	337	459	467	641	1130	702	577	426	399	390	396	287
7	313	483	478	634	1030	1840	883	421	397	389	556	296
8	304	820	667	619	921	1930	839	417	398	390	425	290
9	301	728	547	605	788	1320	598	415	463	392	349	296
10	300	479	856	602	675	764	531	412	401	532	333	361
11	300	412	669	601	627	625	494	413	397	462	387	435
12	299	387	505	604	e584	610	475	425	394	e408	394	333
13	334	378	445	602	e549	e549	963	422	396	e334	430	293
14	677	367	417	592	e522	e504	1460	412	414	e296	429	276
15	795	359	396	586	e487	e478	1560	411	601	e288	337	272
16	501	347	398	e575	e478	e461	1720	409	558	317	309	275
17	378	342	1560	e562	e461	e456	1140	406	517	328	297	275
18	341	340	7090	e580	e443	910	688	405	458	322	288	287
19	325	337	15400	605	e438	1020	590	404	672	310	287	274
20	314	350	12000	596	e452	634	549	403	442	305	291	269
21	302	355	3700	588	e522	540	514	403	411	299	291	417
22	298	346	1520	586	e491	506	488	403	401	295	277	639
23	301	335	1160	584	e447	487	875	401	456	291	271	370
24	303	331	967	745	e425	478	1740	400	779	302	268	301
25	297	339	863	928	e408	525	1350	399	548	307	276	285
26	294	334	801	1180	e408	643	743	398	559	304	526	278
27	303	334	755	8820	e397	819	938	397	445	299	446	292
28	345	327	718	10700	e592	597	600	397	409	329	314	594
29	359	331	691	4970	694	540	531	405	400	684	302	679
30	339	331	674	1730	---	560	524	597	397	412	309	449
31	342	---	666	2470	---	632	---	561	---	331	349	---
TOTAL	11064	13864	56180	45761	25889	21912	24049	13267	13942	11278	12500	10396
MEAN	357	462	1812	1476	893	707	802	428	465	364	403	347
MAX	795	1300	15400	10700	3760	1930	1740	597	779	684	1280	679
MIN	294	327	328	562	397	456	475	397	394	288	268	269
CFSM	.62	.80	3.12	2.55	1.54	1.22	1.38	.74	.80	.63	.70	.60
IN.	.71	.89	3.60	2.94	1.66	1.41	1.54	.85	.89	.72	.80	.67

e Estimated

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

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

MEAN	453	580	1091	1508	1775	1606	1525	997	639	520	446	480
MAX	2964	2528	4106	6976	4793	5194	6032	4275	2915	2006	1491	2081
(WY)	1965	1958	1972	1990	1966	1980	1983	1953	1975	1989	1975	1975
MIN	197	225	263	339	363	413	346	257	264	261	218	220
(WY)	1964	1970	1967	1957	1970	1955	1963	1965	1969	1960	1954	1963

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1951 - 1996

ANNUAL TOTAL	433065	260102										
ANNUAL MEAN	1186	711								968		
HIGHEST ANNUAL MEAN										1924		1983
LOWEST ANNUAL MEAN										380		1970
HIGHEST DAILY MEAN	21300	Apr 12	15400	Dec 19	66400	Jan 25	1990					
LOWEST DAILY MEAN	294	Sep 12	268	Aug 24	188	Oct 18	1956					
ANNUAL SEVEN-DAY MINIMUM	298	Sep 8	275	Sep 14	190	Oct 26	1963					
INSTANTANEOUS PEAK FLOW			16200	Dec 19	104000	Jan 25	1990					
INSTANTANEOUS PEAK STAGE			15.21	Dec 19	22.05	Jan 25	1990					
INSTANTANEOUS LOW FLOW			264	Sep 20	188	Oct 18	1956					
INSTANTANEOUS LOW STAGE			2.26	Sep 20	0.39	Sep 6-9	1990					
ANNUAL RUNOFF (CFSM)	2.05		1.23		1.67							
ANNUAL RUNOFF (INCHES)	27.78		16.68		22.67							
10 PERCENT EXCEEDS	2060		923		1680							
50 PERCENT EXCEEDS	575		442		433							
90 PERCENT EXCEEDS	325		300		258							

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.77	3.08	2.85	3.31	5.60	3.21	3.13	2.92	2.76	2.67	2.65	2.62
2	2.77	4.06	2.85	3.42	5.46	---	3.09	2.84	2.76	2.66	3.19	2.43
3	2.88	4.91	2.85	3.37	7.99	---	2.96	2.81	2.89	2.66	2.93	2.39
4	3.10	3.94	2.90	3.30	6.88	---	2.90	2.78	2.83	2.65	4.50	2.36
5	3.00	3.34	3.12	3.26	4.77	---	2.87	2.76	2.70	2.65	3.04	2.35
6	2.87	3.17	3.19	3.23	4.06	3.22	3.08	2.74	2.67	2.65	2.67	2.35
7	2.81	3.23	3.21	3.21	3.86	5.44	3.74	2.73	2.68	2.65	3.03	2.37
8	2.78	3.97	3.67	3.18	3.64	5.60	3.66	2.72	2.67	2.65	2.74	2.35
9	2.77	3.80	3.38	3.15	3.36	4.57	3.13	2.71	2.83	2.66	2.55	2.37
10	2.77	3.22	4.09	3.14	3.12	3.49	2.99	2.71	2.68	2.98	2.51	2.55
11	2.77	3.06	3.67	3.14	3.02	3.19	2.90	2.71	2.67	2.93	2.65	2.74
12	2.77	2.99	3.28	3.15	---	3.16	2.85	2.74	2.66	---	2.66	2.47
13	2.86	2.97	3.14	3.14	---	---	2.85	2.73	2.67	---	2.75	2.35
14	3.69	2.95	3.07	3.12	---	---	4.84	2.71	2.71	---	2.75	2.30
15	3.96	2.92	3.02	3.10	---	---	5.02	2.71	3.14	---	2.52	2.29
16	3.27	2.90	3.02	---	---	---	5.28	2.70	3.04	2.46	2.44	2.30
17	2.97	2.88	5.25	---	---	---	4.25	2.69	2.95	2.49	2.40	2.30
18	2.88	2.88	10.29	---	---	3.76	3.33	2.69	2.82	2.47	2.38	2.33
19	2.84	2.87	14.94	3.15	---	4.03	3.11	2.69	3.29	2.44	2.38	2.29
20	2.81	2.90	13.46	3.13	---	3.21	3.02	2.69	2.78	2.43	2.39	2.27
21	2.78	2.91	7.72	3.11	---	3.00	2.94	2.69	2.71	2.41	2.39	2.65
22	2.77	2.89	4.93	3.11	---	2.92	2.89	2.69	2.68	2.40	2.35	3.19
23	2.78	2.86	4.31	3.10	---	2.88	3.68	2.68	2.80	2.39	2.33	2.56
24	2.78	2.85	3.93	3.45	---	2.86	5.32	2.68	3.53	2.42	2.32	2.36
25	2.77	2.87	3.71	3.85	---	2.96	4.63	2.68	3.02	2.43	2.33	2.31
26	2.76	2.86	3.57	4.22	---	3.23	3.45	2.67	3.04	2.42	2.95	2.29
27	2.78	2.86	3.47	11.97	---	3.61	3.85	2.67	2.78	2.41	2.77	2.33
28	2.89	2.84	3.39	13.05	---	3.13	3.14	2.67	2.70	2.49	2.44	3.08
29	2.92	2.85	3.34	9.03	3.19	3.00	2.98	2.69	2.68	3.32	2.41	3.28
30	2.88	2.85	3.30	5.20	---	3.05	2.96	3.12	2.67	2.71	2.43	2.75
31	2.88	---	3.28	6.35	---	3.20	---	3.05	---	2.50	2.52	---
MAX	3.96	4.91	14.94	---	---	---	5.32	3.12	3.53	---	4.50	3.28
MIN	2.76	2.84	2.85	---	---	---	2.85	2.67	2.66	---	2.32	2.27

MISSISSIPPI RIVER DELTA

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 mi².

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 sea level. 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. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 2	1300	3250	5.58	Jan. 28	0200	5250	7.82
Dec. 18	1430	*9520	*10.97				

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	115	60	158	192	135	177	96	70	59	70	68
2	57	1550	59	169	502	113	126	84	77	58	131	59
3	62	1180	59	135	829	101	103	80	116	58	95	56
4	76	432	59	115	290	95	93	77	72	57	113	54
5	72	152	60	106	184	91	88	76	66	56	104	54
6	58	113	61	100	151	132	267	74	63	56	78	53
7	57	224	60	98	140	186	216	72	63	55	70	53
8	57	244	61	96	131	158	134	71	74	57	62	53
9	57	116	68	93	122	126	105	70	75	55	60	71
10	57	82	77	92	116	108	93	69	65	63	58	163
11	57	77	72	93	110	98	86	107	61	70	72	75
12	57	75	62	92	104	94	82	326	60	67	112	57
13	61	69	62	91	98	92	700	133	62	56	91	54
14	294	66	62	89	96	89	728	88	145	54	88	54
15	161	64	62	88	95	88	435	78	219	56	66	54
16	76	62	65	88	92	87	301	75	127	54	58	56
17	59	61	189	87	90	86	160	71	105	56	55	55
18	58	61	5840	96	88	485	128	69	72	55	72	54
19	57	61	6190	101	90	415	115	68	e76	54	109	54
20	57	62	2100	95	90	173	106	66	128	53	63	54
21	57	63	285	91	90	125	97	66	95	53	69	113
22	57	64	183	91	88	106	91	64	116	53	61	369
23	57	61	151	90	87	97	241	63	75	53	56	103
24	57	60	134	103	86	96	401	62	92	63	54	66
25	57	60	124	184	84	193	161	61	100	65	55	59
26	57	59	117	340	83	156	117	61	107	80	56	57
27	57	59	111	2710	83	118	158	62	73	59	53	67
28	58	58	106	3350	132	104	124	61	69	56	53	161
29	58	59	102	484	223	97	97	95	64	88	59	139
30	58	61	99	219	---	355	90	145	61	94	58	85
31	59	---	99	202	---	255	---	94	---	63	57	---
TOTAL	2179	5470	16839	9946	4566	4654	5820	2684	2648	1876	2258	2470
MEAN	70.3	182	543	321	157	150	194	86.6	88.3	60.5	72.8	82.3
MAX	294	1550	6190	3350	829	485	728	326	219	94	131	369
MIN	57	58	59	87	83	86	82	61	60	53	53	53
CFSM	.48	1.26	3.75	2.21	1.09	1.04	1.34	.60	.61	.42	.50	.57
IN.	.56	1.40	4.32	2.55	1.17	1.19	1.49	.69	.68	.48	.58	.63

e Estimated.

MISSISSIPPI RIVER DELTA
07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 1996, BY WATER YEAR (WY)

MEAN	111	155	285	407	455	429	389	221	134	125	120	110
MAX	774	758	1137	1506	1454	1266	1445	1232	609	570	512	623
(WY)	1986	1978	1983	1990	1966	1961	1983	1953	1975	1989	1975	1977
MIN	38.4	35.7	53.1	62.8	77.2	77.2	46.2	47.5	47.4	49.3	42.5	38.5
(WY)	1969	1969	1967	1957	1970	1955	1963	1963	1977	1956	1957	1972

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1943 - 1996

ANNUAL TOTAL	134725		61410									
ANNUAL MEAN	369		168							244		
HIGHEST ANNUAL MEAN										527		1983
LOWEST ANNUAL MEAN	83.1	1963										
HIGHEST DAILY MEAN	12500	Apr 12	6190	Dec 19	16200	Apr 6	1983					
LOWEST DAILY MEAN	53	Sep 13	53	Jul 20	29	Oct 16	1972					
ANNUAL SEVEN-DAY MINIMUM	53	Sep 10	54	Jul 17	31	Oct 12	1972					
INSTANTANEOUS PEAK FLOW			9520	Dec 18	22400	Apr 22	1977					
INSTANTANEOUS PEAK STAGE			10.97	Dec 18	23.37	Mar 18	1961					
INSTANTANEOUS LOW FLOW			52	Jul 24	28	Oct 12	1972					
INSTANTANEOUS LOW STAGE			.04	Oct many days in Oct	0.04	Oct	1996					
ANNUAL RUNOFF (CFSM)	2.55		1.16		1.68							
ANNUAL RUNOFF (INCHES)	34.56		15.75		22.86							
10 PERCENT EXCEEDS	489		192		441							
50 PERCENT EXCEEDS	97		82		81							
90 PERCENT EXCEEDS	58		56		46							

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.36	.13	.93	1.14	.82	1.06	.56	.35	.26	.34	.34
2	.05	3.25	.12	1.02	2.10	.67	.76	.47	.40	.25	.78	.25
3	.13	2.96	.12	.82	3.07	.59	.61	.44	.69	.25	.54	.23
4	.24	1.40	.11	.68	1.58	.55	.54	.41	.37	.24	.63	.21
5	.21	.58	.12	.62	1.10	.52	.50	.40	.32	.23	.60	.20
6	.09	.42	.13	.59	.92	.80	1.42	.38	.29	.22	.42	.20
7	.06	.78	.12	.57	.85	1.11	1.26	.37	.29	.22	.35	.20
8	.05	.88	.13	.55	.79	.96	.81	.36	.39	.24	.28	.19
9	.04	.44	.19	.54	.73	.76	.62	.35	.39	.22	.27	.33
10	.04	.28	.25	.53	.70	.64	.53	.34	.31	.28	.25	.98
11	.04	.24	.21	.53	.65	.57	.48	.60	.28	.35	.37	.39
12	.04	.24	.15	.53	.61	.54	.45	1.72	.27	.33	.66	.24
13	.08	.20	.15	.52	.57	.52	2.61	.79	.29	.22	.52	.21
14	1.03	.18	.15	.51	.56	.51	2.83	.50	.74	.20	.49	.21
15	.61	.17	.15	.50	.55	.50	2.07	.42	1.20	.23	.32	.21
16	.23	.15	.17	.50	.53	.49	1.60	.39	.76	.21	.24	.22
17	.10	.14	.62	.49	.51	.48	.97	.36	.62	.22	.22	.21
18	.08	.14	7.71	.56	.50	2.13	.77	.34	.37	.22	.34	.21
19	.07	.13	8.67	.59	.51	1.98	.69	.33	---	.20	.62	.20
20	.05	.15	4.71	.55	.52	1.04	.63	.32	.75	.20	.30	.21
21	.04	.16	1.55	.52	.51	.75	.57	.32	.54	.20	.34	.60
22	.04	.16	1.10	.52	.50	.63	.52	.30	.68	.19	.27	1.83
23	.05	.14	.92	.52	.49	.56	1.29	.29	.39	.19	.22	.60
24	.05	.12	.81	.60	.48	.55	1.94	.29	.52	.28	.20	.31
25	.04	.12	.74	1.09	.47	1.15	.97	.28	.58	.31	.22	.26
26	.04	.12	.70	1.43	.46	.95	.70	.28	.63	.43	.23	.24
27	.06	.11	.66	5.48	.46	.71	.95	.29	.38	.25	.19	.32
28	.07	.10	.63	6.08	.79	.61	.74	.28	.34	.22	.19	.96
29	.08	.11	.60	2.22	1.29	.57	.56	.52	.30	.48	.25	.84
30	.09	.13	.58	1.29	---	1.79	.52	.88	.28	.53	.25	.47
31	.12	---	.58	1.20	---	1.44	---	.54	---	.30	.23	---
MAX	1.03	3.25	8.67	6.08	3.07	2.13	2.83	1.72	---	.53	.78	1.83
MIN	.04	.10	.11	.49	.46	.48	.45	.28	---	.19	.19	.19

MISSISSIPPI RIVER DELTA

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E 1/2 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 mi², 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 sea level (levels by Corps of Engineers).

REMARKS.--Records fair. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 18	1200	*3,500	*21.72	No other peak greater than base discharge.			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.82	21	e5.5	476	8.0	32	35	3.2	2.2	4.2	6.0	2.0
2	.54	933	e5.9	68	495	19	21	2.9	2.1	2.2	1.7	1.9
3	121	1010	e6.3	19	313	14	17	2.7	1.6	1.4	2.0	1.5
4	89	278	e6.7	11	27	10	14	2.4	1.5	1.2	1.4	1.2
5	6.6	26	7.3	8.1	13	8.3	13	2.2	1.6	1.1	.94	2.6
6	1.6	13	4.3	8.5	10	18	249	2.0	2.2	1.1	.85	100
7	.53	36	3.0	6.6	8.6	36	97	1.8	7.1	1.1	.89	17
8	.17	72	6.9	5.5	7.3	27	26	30	3.5	1.3	.99	6.6
9	.10	21	8.5	6.9	6.2	16	20	23	2.0	1.3	7.4	3.6
10	.09	10	5.2	4.0	5.2	11	15	9.6	1.6	5.1	6.0	2.5
11	.09	8.3	3.6	3.4	4.5	8.9	12	269	1.5	3.4	7.0	2.0
12	.09	7.4	3.0	2.9	3.9	7.3	11	85	1.4	1.1	4.6	1.7
13	13	5.5	2.8	2.9	3.0	6.1	553	11	1.8	.93	3.1	1.4
14	244	4.9	2.7	2.6	2.8	5.5	328	6.0	8.6	.97	1.9	1.6
15	13	4.1	2.3	2.1	2.6	5.2	42	6.6	4.9	.99	1.5	2.8
16	2.4	3.5	32	2.7	2.3	4.7	17	3.3	2.7	1.3	1.2	6.0
17	.64	2.9	2010	2.2	2.0	50	12	2.7	2.5	1.0	1.1	3.7
18	.26	2.5	3390	6.6	1.9	101	8.6	2.2	1.7	.97	.98	2.4
19	.21	2.1	1070	3.8	2.1	126	6.9	2.0	2.0	.95	.93	1.7
20	.16	2.4	32	2.6	2.8	21	5.8	2.0	1.7	.88	2.1	2.0
21	.10	2.4	15	2.8	2.3	13	4.9	1.8	1.7	.83	28	15
22	.10	2.2	10	2.6	2.2	10	4.5	1.7	1.6	.79	17	90
23	.09	2.1	7.8	2.8	2.0	8.0	274	1.8	2.2	.80	5.2	12
24	.10	e2.5	6.0	5.9	1.9	6.8	130	2.2	13	.77	2.6	5.3
25	.10	e2.9	5.0	5.7	1.9	24	17	1.9	63	8.1	2.0	3.3
26	.09	e3.4	4.0	380	1.8	30	9.8	1.6	12	5.2	6.6	2.1
27	.14	e3.9	3.3	699	1.7	14	6.7	1.5	5.4	3.1	6.5	26
28	.14	e4.3	3.5	128	334	10	5.8	1.4	3.1	2.3	2.6	87
29	.09	e4.7	3.0	20	122	8.1	5.0	2.4	2.2	1.6	2.3	19
30	.19	e5.1	2.7	13	---	739	4.0	3.3	1.8	1.5	2.3	7.8
31	.72	---	104	10	---	315	---	2.2	---	1.3	2.9	---
TOTAL	496.16	2497.1	6772.3	1915.2	1391.0	1704.9	1965.0	491.4	160.2	58.78	130.58	431.7
MEAN	16.0	83.2	218	61.8	48.0	55.0	65.5	15.9	5.34	1.90	4.21	14.4
MAX	244	1010	3390	699	495	739	553	269	63	8.1	28	100
MIN	.09	2.1	2.3	2.1	1.7	4.7	4.0	1.4	1.4	.77	.85	1.2
CFSM	.36	1.85	4.85	1.37	1.07	1.22	1.46	.35	.12	.04	.09	.32
IN.	.41	2.06	5.60	1.58	1.15	1.41	1.62	.41	.13	.05	.11	.36

e Estimated

MISSISSIPPI RIVER DELTA

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

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

MEAN	37.0	50.3	92.6	160	152	120	137	68.5	49.5	39.4	48.0	36.3
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	.16	.60	11.5	2.52	15.1	13.4	1.11	1.50	.45	.68	1.15	.016
(WY)	1991	1982	1992	1981	1989	1982	1981	1988	1995	1995	1976	1990

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1973 - 1996

ANNUAL TOTAL	43085.41	18014.32		
ANNUAL MEAN	118	49.2		
HIGHEST ANNUAL MEAN			82.2	
LOWEST ANNUAL MEAN	32.2	1976	142	1983
HIGHEST DAILY MEAN	3390	Dec 18		
LOWEST DAILY MEAN	.09	Oct 10	4270	Apr 22 1977
ANNUAL SEVEN-DAY MINIMUM	.10	Oct 21	.00	Aug 20 1974
INSTANTANEOUS PEAK FLOW			.00	Oct 3 1974
INSTANTANEOUS PEAK STAGE			4730	Apr 6 1983
INSTANTANEOUS LOW FLOW			23.24	Apr 6 1983
INSTANTANEOUS LOW STAGE			.00	Oct 1 1983
ANNUAL RUNOFF (CFSM)	2.62			
ANNUAL RUNOFF (INCHES)	35.62		1.83	
10 PERCENT EXCEEDS	242		14.89	24.81
50 PERCENT EXCEEDS	5.1		54	175
90 PERCENT EXCEEDS	.18		3.6	4.6
			.98	.44

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.03	2.95	---	9.48	2.68	3.48	3.43	2.19	2.09	2.22	2.31	2.06
2	2.13	12.38	---	4.61	9.18	3.01	2.88	2.16	2.07	2.09	2.02	2.05
3	5.25	13.34	---	3.22	7.84	2.75	2.66	2.14	2.01	1.98	2.05	2.00
4	5.05	7.26	---	2.86	3.51	2.55	2.53	2.11	1.99	1.95	1.98	1.95
5	2.87	3.30	2.48	2.68	2.98	2.43	2.48	2.09	2.01	1.94	1.90	2.06
6	2.45	2.77	2.28	2.71	2.81	2.93	7.37	2.07	2.08	1.94	1.88	5.02
7	2.25	3.55	2.17	2.58	2.71	3.63	4.97	2.04	2.46	1.93	1.89	3.00
8	2.12	4.65	2.42	2.50	2.63	3.30	3.09	2.98	2.22	1.95	1.91	2.45
9	2.06	3.10	2.55	2.59	2.56	2.88	2.83	3.23	2.06	1.96	2.36	2.23
10	2.03	2.65	2.34	2.38	2.48	2.62	2.57	2.66	2.02	2.19	2.40	2.12
11	2.01	2.54	2.22	2.32	2.42	2.47	2.42	6.08	1.99	2.18	2.49	2.06
12	2.00	2.49	2.17	2.26	2.36	2.37	2.35	4.61	1.97	1.93	2.31	2.02
13	2.33	2.37	2.14	2.27	2.27	2.30	9.85	2.74	2.01	1.90	2.18	1.98
14	7.14	2.33	2.13	2.23	2.26	2.25	7.93	2.42	2.54	1.91	2.05	1.99
15	3.18	2.26	2.09	2.17	2.23	2.24	3.91	2.44	2.33	1.91	1.99	2.14
16	2.54	2.21	2.85	2.23	2.19	2.20	3.06	2.20	2.14	1.97	1.96	2.40
17	2.28	2.16	16.62	2.18	2.17	3.93	2.78	2.14	2.12	1.91	1.93	2.24
18	2.16	2.11	21.46	2.58	2.15	4.93	2.60	2.09	2.03	1.91	1.91	2.11
19	2.14	2.07	11.78	2.36	2.18	5.54	2.49	2.07	2.05	1.90	1.90	2.02
20	2.12	2.10	3.67	2.23	2.25	3.10	2.41	2.06	2.02	1.89	2.02	2.06
21	2.07	2.10	3.05	2.25	2.20	2.73	2.34	2.03	2.03	1.88	3.19	2.71
22	2.04	2.08	2.80	2.23	2.19	2.53	2.30	2.02	2.01	1.87	2.97	4.94
23	2.03	2.07	2.66	2.25	2.17	2.41	7.16	2.03	2.06	1.87	2.35	2.75
24	2.04	---	2.54	2.53	2.15	2.34	5.55	2.09	2.60	1.87	2.14	2.36
25	2.05	---	2.46	2.50	2.15	3.06	3.06	2.05	4.48	2.48	2.07	2.20
26	2.03	---	2.38	7.28	2.13	3.39	2.68	2.01	2.78	2.36	2.41	2.08
27	2.05	---	2.31	11.38	2.12	2.76	2.48	2.00	2.37	2.18	2.44	3.02
28	2.10	---	2.32	5.42	7.68	2.56	2.41	1.99	2.19	2.10	2.13	5.06
29	2.00	---	2.27	3.25	5.54	2.42	2.34	2.09	2.09	2.01	2.09	3.11
30	2.11	---	2.25	2.96	---	11.06	2.27	2.20	2.03	1.99	2.10	2.53
31	2.29	---	3.77	2.81	---	7.67	---	2.08	---	1.96	2.16	---
MAX	7.14	---	---	11.38	9.18	11.06	9.85	6.08	4.48	2.48	3.19	5.06
MIN	2.00	---	---	2.17	2.12	2.20	2.27	1.99	1.97	1.87	1.88	1.95

MISSISSIPPI RIVER DELTA

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", on line between sections 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 mi².

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 sea level (levels by Louisiana Department of Transportation and Development). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 5.00 ft higher. Prior to Oct. 1, 1978, at datum 2.00 ft higher.

REMARKS.--Estimated discharge, Nov. 3, due to partial auxiliary gage height record. Indefinite stage-discharge relationship, Dec. 20. Records fair. Several measurements of water temperature were made during the year. Satellite telemetry at station.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64	87	84	851	171	278	357	98	107	84	110	88
2	65	3270	83	912	518	167	240	96	133	81	129	98
3	215	e4740	83	285	1570	128	188	87	119	81	139	88
4	171	938	94	178	478	110	167	83	113	79	114	84
5	114	228	90	141	219	100	161	81	89	77	138	82
6	88	140	85	127	157	222	992	81	83	76	116	88
7	75	161	85	119	131	370	587	80	86	76	105	104
8	71	274	83	108	117	247	289	398	104	77	94	87
9	69	155	88	101	105	170	205	434	98	78	126	84
10	68	110	93	95	96	133	174	122	95	75	149	150
11	68	129	96	92	87	116	159	150	84	94	145	231
12	69	102	91	90	79	105	151	379	86	92	143	119
13	73	88	86	86	72	101	2300	265	107	90	137	100
14	250	83	85	83	68	96	1640	128	150	79	123	100
15	179	83	86	81	66	92	631	103	539	77	116	125
16	119	82	90	79	64	92	420	93	283	79	97	120
17	89	82	150	77	63	1810	209	89	177	83	88	124
18	78	81	11800	78	63	939	147	84	122	82	89	99
19	74	80	16200	92	67	739	121	82	110	84	119	90
20	71	84	6330	84	69	320	108	80	176	78	115	110
21	69	82	2440	79	63	196	99	78	119	76	100	262
22	69	81	700	76	62	160	91	77	129	75	115	352
23	69	89	318	74	61	143	418	75	118	74	96	266
24	70	90	246	87	61	133	647	74	268	74	87	134
25	70	81	209	124	60	201	266	74	262	122	84	109
26	71	80	186	1800	59	261	147	74	185	107	86	100
27	72	80	170	6220	60	183	120	75	133	168	85	159
28	76	79	156	4630	1400	151	149	75	113	104	82	305
29	75	80	146	1550	532	139	129	86	95	94	84	246
30	79	81	138	514	---	1800	106	138	87	139	96	156
31	85	---	137	214	---	897	---	155	---	113	89	---
TOTAL	2875	11820	40728	19127	6618	10599	11418	3994	4370	2768	3396	4260
MEAN	92.7	394	1314	617	228	342	381	129	146	89.3	110	142
MAX	250	4740	16200	6220	1570	1810	2300	434	539	168	149	352
MIN	64	79	83	74	59	92	91	74	83	74	82	82
CFSM	.33	1.39	4.63	2.17	.80	1.20	1.34	.45	.51	.31	.39	.50
IN.	.38	1.55	5.33	2.51	.87	1.39	1.50	.52	.57	.36	.44	.56

e Estimated

MISSISSIPPI RIVER DELTA

07378000 COMITE RIVER NEAR COMITE, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 1996, BY WATER YEAR (WY)

MEAN	223	275	570	881	945	823	845	489	259	237	241	212
MAX	1753	1230	3042	3690	3419	2435	3531	3261	2158	1139	1243	1460
(WY)	1965	1949	1983	1990	1966	1980	1983	1953	1989	1989	1975	1977
MIN	32.2	45.9	67.2	79.0	113	109	58.5	53.3	63.3	80.0	53.8	52.0
(WY)	1964	1957	1967	1957	1968	1955	1963	1963	1964	1948	1954	1952

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1945 - 1996

ANNUAL TOTAL	278054	121973	
ANNUAL MEAN	762	333	498
HIGHEST ANNUAL MEAN			1096
LOWEST ANNUAL MEAN			125
HIGHEST DAILY MEAN	20200	16200	34400
LOWEST DAILY MEAN	60	59	29
ANNUAL SEVEN-DAY MINIMUM	63	61	29
INSTANTANEOUS PEAK FLOW		19600	37000
INSTANTANEOUS PEAK STAGE		24.29	30.64
INSTANTANEOUS LOW FLOW		58	28
INSTANTANEOUS LOW STAGE		.15	Feb 26,27
ANNUAL RUNOFF (CFSM)	2.68	1.17	1.75
ANNUAL RUNOFF (INCHES)	36.42	15.98	23.81
10 PERCENT EXCEEDS	1550	385	1000
50 PERCENT EXCEEDS	161	101	126
90 PERCENT EXCEEDS	71	74	59

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.32	.55	.45	3.73	1.38	1.72	1.81	.55	.64	.43	.67	.42
2	.33	8.00	.45	4.70	2.95	.94	1.09	.54	.87	.40	.84	.51
3	1.49	12.46	.45	2.16	6.57	.61	.72	.47	.74	.40	.93	.42
4	1.28	4.63	.54	1.43	3.02	.45	.55	.42	.69	.38	.70	.39
5	.79	1.63	.51	1.12	1.53	.35	.50	.40	.48	.36	.91	.37
6	.56	.96	.46	1.00	1.06	1.29	4.73	.40	.43	.35	.72	.42
7	.43	1.11	.46	.93	.84	2.30	3.18	.39	.45	.34	.62	.55
8	.39	1.93	.45	.83	.71	1.53	1.40	1.71	.61	.36	.53	.41
9	.37	1.08	.50	.76	.60	.96	.85	2.56	.55	.37	.79	.37
10	.36	.69	.53	.72	.52	.66	.61	.78	.53	.34	.99	.89
11	.36	.86	.56	.69	.44	.50	.49	.96	.43	.52	.96	1.54
12	.37	.61	.52	.67	.36	.40	.42	2.56	.45	.50	.95	.68
13	.41	.49	.48	.63	.29	.36	7.50	1.84	.64	.49	.90	.51
14	1.80	.44	.47	.61	.25	.32	6.62	.83	1.01	.38	.78	.50
15	1.34	.44	.47	.58	.23	.29	3.80	.60	3.06	.36	.71	.73
16	.84	.44	.51	.56	.21	.29	2.78	.51	1.92	.38	.53	.68
17	.56	.43	.96	.54	.20	6.31	1.48	.48	1.24	.42	.45	.72
18	.46	.43	17.37	.55	.20	4.88	.99	.43	.77	.41	.46	.49
19	.42	.41	23.31	.68	.24	4.03	.77	.41	.67	.43	.73	.41
20	.39	.45	16.15	.61	.26	1.79	.65	.39	1.21	.37	.70	.59
21	.37	.43	8.26	.56	.21	.97	.57	.37	.74	.35	.55	1.68
22	.37	.42	4.07	.53	.19	.68	.50	.35	.84	.34	.69	2.22
23	.37	.49	2.37	.51	.18	.54	2.66	.34	.74	.33	.51	1.76
24	.38	.51	1.92	.64	.18	.45	3.88	.33	1.77	.33	.43	.80
25	.38	.42	1.67	.96	.18	.94	1.85	.33	1.82	.78	.40	.57
26	.39	.41	1.50	4.17	.16	1.41	.99	.33	1.31	.64	.42	.49
27	.40	.41	1.37	14.13	.17	.87	.76	.34	.88	1.15	.40	.93
28	.44	.40	1.25	11.74	5.31	.61	1.01	.34	.70	.61	.37	2.02
29	.43	.41	1.16	6.44	3.18	.50	.83	.44	.53	.53	.39	1.64
30	.47	.42	1.10	3.33	---	6.56	.63	.91	.47	.92	.50	.97
31	.53	---	1.09	1.70	---	4.45	---	1.06	---	.69	.44	---
MEAN	.57	1.41	2.95	2.20	1.09	1.55	1.82	.72	.91	.47	.64	.82
MAX	1.80	12.46	23.31	14.13	6.57	6.56	7.50	2.56	3.06	1.15	.99	2.22
MIN	.32	.40	.45	.51	.16	.29	.42	.33	.43	.33	.37	.37

MISSISSIPPI RIVER DELTA

07378083 BEAVER BAYOU AT HOOPER ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°33'39", long 91°01'15", in sec. 4, T. 6 S., R. 2 E., St. Helena Meridian, East Baton Rouge Parish, Hydrologic Unit 08070207, near center of box culvert on downstream side of State Highway 408, 1,200 ft east of Roundsville Road, and 8.6 mi northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March 1982 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft above sea level (levels by East Baton Rouge Parish, Department of Public Works).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.47 ft, Apr. 11, 1995; minimum recorded, 2.26 ft, Aug. 14-Sept. 16, 18-20, 22-27, 29, 30.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.13 ft, Dec. 18; minimum recorded, 2.26 ft, Aug. 14-Sept. 16, 18-20, 22-27, 29, 30

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.41	2.58	2.59	3.92	2.74	3.57	3.00	2.51	3.29	2.39	2.41	2.26
2	2.42	7.50	2.58	3.78	4.05	3.04	2.70	2.45	4.66	2.37	2.46	2.26
3	3.62	7.56	2.58	3.11	3.59	2.78	2.60	2.45	3.45	2.36	2.54	2.26
4	3.26	3.63	2.59	2.84	2.95	2.64	2.55	2.46	2.75	2.35	2.55	2.26
5	2.74	3.02	2.60	2.71	2.75	2.58	2.54	2.46	2.52	2.34	2.41	2.26
6	2.54	2.80	2.62	2.70	2.70	3.42	6.01	2.47	2.43	2.33	2.43	2.26
7	2.45	2.92	2.73	2.69	2.63	4.90	3.43	2.46	2.40	2.33	2.45	2.26
8	2.42	2.92	2.72	2.61	2.62	3.30	2.91	2.47	2.40	2.33	2.62	2.26
9	2.42	2.69	2.81	2.57	2.59	2.84	2.70	2.51	2.49	2.32	3.36	2.26
10	2.41	2.59	2.83	2.54	2.57	2.66	2.57	2.49	2.40	2.51	3.21	2.26
11	2.40	3.26	2.78	2.54	2.56	2.60	2.53	2.86	2.38	2.90	2.66	2.26
12	2.42	2.89	2.77	2.55	2.53	2.55	2.51	2.67	2.67	2.44	2.45	2.26
13	2.70	2.68	2.77	2.53	2.50	2.49	6.85	2.52	3.30	2.36	2.30	2.26
14	5.79	2.57	2.77	2.51	2.49	2.48	3.63	2.45	4.04	2.39	2.27	2.27
15	3.17	2.53	2.80	2.51	2.50	2.47	4.04	2.42	3.32	2.34	2.26	2.28
16	2.75	2.52	2.80	2.51	2.46	2.48	3.05	2.39	2.81	2.37	2.26	2.29
17	2.56	2.51	3.70	2.52	2.42	7.83	2.76	2.41	2.59	2.37	2.26	2.32
18	2.48	2.50	11.00	2.55	2.42	5.12	2.65	2.40	2.47	2.34	2.26	2.27
19	2.44	2.52	8.89	2.58	2.50	3.35	2.60	2.39	3.06	2.32	2.26	2.26
20	2.44	2.64	3.67	2.54	2.55	2.89	2.57	2.40	3.57	2.31	2.26	2.41
21	2.45	2.68	3.13	2.52	2.50	2.71	2.53	2.40	2.79	2.31	2.26	2.78
22	2.44	2.60	2.89	2.53	2.47	2.63	2.50	2.39	2.53	2.31	2.26	2.33
23	2.44	2.60	2.75	2.53	2.46	2.57	4.05	2.39	2.56	2.31	2.26	2.26
24	2.43	2.74	2.66	2.81	2.46	2.54	3.04	2.39	3.49	2.32	2.26	2.26
25	2.43	2.58	2.61	2.68	2.45	2.53	2.73	2.39	3.86	2.33	2.26	2.26
26	2.44	2.56	2.57	4.96	2.44	2.51	2.58	2.39	2.92	2.45	2.26	2.26
27	2.44	2.57	2.54	9.91	2.42	2.52	2.50	2.39	2.77	2.41	2.26	2.50
28	2.46	2.56	2.51	3.74	7.26	2.52	2.48	2.38	2.92	2.41	2.26	2.58
29	2.46	2.58	2.52	3.17	4.05	2.51	2.52	2.47	2.55	2.41	2.26	2.27
30	2.47	2.58	2.50	2.96	---	7.09	2.55	2.52	2.44	2.41	2.26	2.26
31	2.56	---	2.62	2.88	---	3.59	---	2.38	---	2.40	2.26	---
MAX	5.79	7.56	11.00	9.91	7.26	7.83	6.85	2.86	4.66	2.90	3.36	2.78
MIN	2.40	2.50	2.50	2.51	2.42	2.47	2.48	2.38	2.38	2.31	2.26	2.26

MISSISSIPPI RIVER DELTA

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 mi².

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

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. 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.--No estimated daily discharges. Records good. Since 1957, considerable flow from 46 mi² diverted from basin. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 12,000 ft³/s and maximum (*)

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 20	0630	*49,000	*33.34	Jan. 28	2230	18,700	27.60

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	401	530	591	1390	3680	2280	2780	959	965	536	617	504
2	394	3070	591	3550	3510	1640	1640	913	1470	506	648	549
3	792	10800	589	2680	5180	1230	1300	842	1000	485	791	473
4	841	8040	653	1650	6550	1040	1090	793	844	500	717	446
5	630	3070	629	1300	5050	939	988	759	747	457	1200	440
6	532	1450	667	1140	2820	1880	3080	730	633	447	888	444
7	445	1160	743	1070	2010	1980	2600	705	588	441	679	452
8	414	1430	709	998	1750	3260	1970	880	655	444	715	433
9	398	1560	933	946	1570	2800	1580	1730	583	445	685	427
10	392	1360	858	906	1440	2030	1200	776	656	446	1010	451
11	388	1340	1090	887	1320	1450	1020	773	567	895	981	712
12	384	1010	1010	866	1210	1210	924	1440	522	781	822	592
13	400	860	824	841	1120	1080	4200	1190	576	588	741	475
14	2300	795	741	828	1050	1000	5330	829	887	511	675	434
15	1540	749	695	808	1000	945	4220	692	1340	478	654	530
16	1200	717	676	791	969	903	3580	639	1510	619	549	529
17	819	689	834	776	929	4090	2840	612	1020	691	488	602
18	619	672	10300	772	895	4680	2010	590	879	522	465	444
19	541	661	32900	781	882	3520	1480	572	928	477	464	415
20	498	681	46100	795	898	2410	1240	558	1630	450	514	450
21	466	675	30900	777	906	1530	1100	545	944	430	472	1240
22	453	662	15000	764	1010	1190	1010	535	720	416	508	917
23	446	651	5910	753	913	1040	1610	526	765	408	462	1120
24	448	684	2590	824	858	960	2810	511	1110	404	437	682
25	438	625	1890	921	823	992	2790	502	1680	463	425	530
26	434	621	1600	1370	795	1470	2040	493	1060	525	426	476
27	434	615	1410	11600	771	1410	1430	487	957	581	566	566
28	451	606	1290	16900	3230	1400	1520	479	903	469	656	996
29	462	596	1180	17600	4080	1130	1220	505	682	496	532	934
30	484	587	1100	12900	---	3840	1050	681	583	833	616	923
31	540	---	1080	6190	---	5450	---	907	---	688	580	---
TOTAL	18984	46966	166083	94374	57219	60779	61652	23153	27404	16432	19983	18186
MEAN	612	1566	5358	3044	1973	1961	2055	747	913	530	645	606
MAX	2300	10800	46100	17600	6550	5450	5330	1730	1680	895	1200	1240
MIN	384	530	589	753	771	903	924	479	522	404	425	415
CFSM	.48	1.22	4.19	2.38	1.54	1.53	1.61	.58	.71	.41	.50	.47
IN.	.55	1.36	4.83	2.74	1.66	1.77	1.79	.67	.80	.48	.58	.53

MISSISSIPPI RIVER DELTA

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

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

MEAN	889	1200	2401	3353	3884	3638	3489	2203	1281	1196	1098	1014	
MAX	5821	4733	9423	14540	11810	9131	13150	13590	5039	5309	4919	5637	
(WY)	1965	1958	1983	1990	1966	1973	1980	1953	1989	1940	1983	1977	
MIN	296	323	420	515	609	823	512	419	452	466	386	359	
(WY)	1964	1940	1967	1957	1968	1967	1963	1963	1963	1960	1954	1952	
SUMMARY STATISTICS			FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1938 - 1996				
ANNUAL TOTAL			1157263			611215							
ANNUAL MEAN			3171			1670			2129				
HIGHEST ANNUAL MEAN									4433				
LOWEST ANNUAL MEAN									669				
HIGHEST DAILY MEAN			57600			Apr 13			46100			Dec 20	
LOWEST DAILY MEAN			384			Oct 12			384			Oct 12	
ANNUAL SEVEN-DAY MINIMUM			403			Oct 7			403			Oct 7	
INSTANTANEOUS PEAK FLOW									49000			Dec 20	
INSTANTANEOUS PEAK STAGE									33.34			Dec 20	
INSTANTANEOUS LOW FLOW									382			Oct 12	
INSTANTANEOUS LOW STAGE									10.51			Sep 20	
ANNUAL RUNOFF (CFSM)			2.48			1.30			1.66				
ANNUAL RUNOFF (INCHES)			33.63			17.76			22.60				
10 PERCENT EXCEEDS			8040			2810			4620				
50 PERCENT EXCEEDS			1010			823			864				
90 PERCENT EXCEEDS			514			451			431				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.82	11.18	11.12	13.52	18.24	15.50	16.49	12.48	12.49	11.20	11.46	10.94
2	10.81	16.20	11.12	18.00	17.92	14.12	14.11	12.35	13.71	11.10	11.56	11.09
3	11.99	24.74	11.11	16.30	20.40	13.20	13.36	12.14	12.60	11.03	11.99	10.83
4	12.24	22.92	11.31	14.14	21.94	12.70	12.85	12.00	12.15	11.08	11.77	10.71
5	11.64	17.00	11.24	13.34	20.27	12.43	12.57	11.89	11.86	10.92	13.09	10.69
6	11.33	13.56	11.35	12.97	16.58	14.61	17.01	11.81	11.51	10.88	12.28	10.70
7	11.03	12.80	11.59	12.81	14.93	14.84	16.15	11.73	11.37	10.85	11.65	10.74
8	10.90	13.50	11.48	12.59	14.36	17.45	14.85	12.15	11.58	10.86	11.76	10.65
9	10.83	13.84	12.15	12.45	13.98	16.56	13.98	14.25	11.35	10.87	11.67	10.63
10	10.80	13.33	11.93	12.33	13.68	14.96	13.11	11.94	11.58	10.87	12.62	10.73
11	10.79	13.27	12.62	12.28	13.40	13.69	12.65	11.93	11.30	12.29	12.43	11.62
12	10.77	12.38	12.39	12.21	13.15	13.13	12.38	13.67	11.15	11.96	11.96	11.23
13	10.83	11.94	11.83	12.14	12.92	12.83	18.66	13.09	11.33	11.37	11.71	10.83
14	15.53	11.74	11.58	12.10	12.74	12.61	20.66	12.10	12.27	11.12	11.50	10.66
15	13.89	11.61	11.44	12.04	12.61	12.44	19.13	11.69	13.41	11.01	11.43	11.02
16	13.12	11.51	11.38	11.99	12.51	12.32	18.05	11.53	13.82	11.43	11.08	11.00
17	12.07	11.42	11.84	11.95	12.40	18.22	16.64	11.44	12.67	11.68	10.88	11.25
18	11.46	11.37	23.25	11.94	12.30	19.76	14.91	11.37	12.25	11.15	10.79	10.70
19	11.22	11.34	30.47	11.96	12.26	17.94	13.76	11.32	12.38	11.01	10.79	10.58
20	11.08	11.40	32.85	12.00	12.31	15.75	13.21	11.27	14.09	10.89	10.97	10.71
21	10.96	11.38	30.12	11.95	12.33	13.87	12.88	11.23	12.43	10.80	10.83	12.99
22	10.90	11.34	26.35	11.91	12.63	13.09	12.62	11.20	11.78	10.74	10.95	12.21
23	10.87	11.30	20.94	11.88	12.35	12.71	14.02	11.17	11.91	10.71	10.78	12.77
24	10.88	11.41	16.13	12.09	12.19	12.49	16.56	11.12	12.85	10.69	10.67	11.45
25	10.84	11.22	14.66	12.37	12.09	12.57	16.54	11.09	14.20	10.92	10.62	10.93
26	10.82	11.21	14.03	13.49	12.00	13.75	14.97	11.06	12.76	11.16	10.62	10.73
27	10.82	11.19	13.62	24.95	11.93	13.60	13.65	11.04	12.48	11.34	11.13	10.99
28	10.89	11.16	13.33	27.10	16.78	13.58	13.85	11.01	12.32	10.97	11.43	12.35
29	10.94	11.13	13.07	27.32	18.79	12.95	13.17	11.10	11.66	11.05	11.03	12.14
30	11.03	11.11	12.88	25.68	---	18.07	12.74	11.66	11.35	12.12	11.30	12.08
31	11.21	---	12.82	21.27	---	20.80	---	12.33	---	11.68	11.19	---
MAX	15.53	24.74	32.85	27.32	21.94	20.80	20.66	14.25	14.20	12.29	13.09	12.99
MIN	10.77	11.11	11.11	11.88	11.93	12.32	12.38	11.01	11.15	10.69	10.62	10.58

1MISSISSIPPI RIVER DELTA

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 mi².

PERIOD OF RECORD.--June 1989 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is sea level. Gage is tide affected.

REMARKS.--Telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 16.83 ft, Jan. 28, 1990 from floodmark; minimum, 0.41 ft, May 20, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 11.32 ft, Dec. 21, but may have been higher during periods of missing record; minimum recorded elevation, 0.92 ft July 23, but may have been lower during periods of missing record.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.22	2.69	---	---	3.40	3.02	3.13	1.66	2.14	---	1.82	1.97
2	3.16	3.58	---	---	2.95	2.41	2.09	1.60	2.52	---	1.69	1.96
3	3.18	6.00	---	---	2.93	1.98	1.86	1.61	2.36	---	1.47	1.72
4	3.21	5.53	---	---	3.22	1.90	1.75	1.66	2.18	---	1.32	1.51
5	2.97	4.53	---	---	3.05	1.88	1.76	1.70	2.00	---	1.62	1.53
6	2.69	3.25	---	---	2.24	2.33	2.48	1.79	1.87	---	1.88	1.68
7	2.12	2.82	---	---	---	2.03	2.50	1.81	1.93	---	2.10	1.52
8	2.23	2.43	---	---	---	1.90	2.18	1.86	1.94	---	2.05	1.35
9	2.13	2.38	---	---	---	1.85	2.04	2.36	1.42	---	1.78	1.31
10	1.99	2.47	---	---	---	1.82	2.00	2.31	---	---	1.43	1.34
11	2.22	2.43	---	---	---	1.75	2.02	2.16	1.38	---	1.96	1.46
12	2.51	2.11	---	---	---	1.66	1.91	1.94	1.62	---	1.89	1.70
13	2.72	1.92	---	---	---	1.57	3.46	1.77	1.82	---	1.40	1.81
14	3.17	1.88	---	---	---	1.52	3.92	1.84	1.83	---	1.32	2.11
15	2.60	1.82	---	---	---	1.50	4.79	1.81	1.94	---	1.52	2.57
16	2.22	1.81	---	---	---	1.53	3.53	1.91	1.99	1.39	1.61	2.36
17	2.13	1.74	2.26	---	---	1.99	2.85	1.97	1.73	1.90	1.65	1.80
18	2.53	1.83	5.17	---	---	3.11	2.48	1.83	1.88	2.11	1.82	1.63
19	2.58	1.99	7.19	---	---	2.32	2.33	1.78	1.86	1.92	1.99	1.99
20	2.41	2.16	---	---	---	1.89	2.28	1.70	1.75	1.41	2.25	2.12
21	1.88	2.09	---	---	---	1.62	2.26	1.67	1.66	1.09	2.69	2.39
22	1.63	1.99	10.23	---	---	1.49	2.43	1.59	1.48	1.02	3.11	2.09
23	2.11	2.04	---	---	---	1.42	2.58	1.44	---	.95	3.17	2.10
24	2.33	---	---	2.11	---	1.40	2.38	1.38	---	.95	2.84	2.04
25	2.30	---	---	1.98	---	1.66	2.45	1.49	1.85	1.03	2.43	1.91
26	2.33	---	---	2.68	---	2.18	2.15	1.68	1.53	1.09	2.15	2.10
27	2.28	---	---	5.04	---	2.55	1.96	1.67	---	1.41	1.86	2.46
28	2.18	---	---	5.64	2.96	2.45	1.90	1.46	---	1.56	1.70	2.66
29	2.23	---	---	6.89	3.50	2.03	2.06	1.41	---	1.62	1.66	2.42
30	2.44	---	---	7.03	---	3.59	1.95	1.67	---	1.73	1.66	2.50
31	2.66	---	---	5.63	---	3.91	---	1.81	---	1.78	1.60	---
MEAN	2.46	---	---	---	---	2.07	2.45	1.75	---	---	1.92	1.94
MAX	3.22	---	---	---	---	3.91	4.79	2.36	---	---	3.17	2.66
MIN	1.63	---	---	---	---	1.40	1.75	1.38	---	---	1.32	1.31

MISSISSIPPI RIVER DELTA
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 mi².

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 electromagnetic flowmeter. Datum of gage is sea level . Prior to Oct. 25, 1983, operated by Corps of Engineers, same site and location.

REMARKS.--No estimated daily discharges. Records poor. No velocity record: Oct. 1-Mar. 5, Apr. 16-May 29, June 17-July 22. Satellite telemetry 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 ft³/s, Jan. 28, 1990; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive daily discharge, 8,620 ft³/s, Apr. 15, but could have been greater during periods of missing record.

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

[illegible]

MISSISSIPPI RIVER DELTA
07380120 AMITE RIVER AT PORT VINCENT, LA--Continued
ELEVATION, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	1.15	2.11	2.39	2.29	2.41	1.03	1.80	1.24	1.49	1.76
2	---	---	1.04	2.44	2.19	1.88	1.38	1.16	2.17	1.23	1.35	1.69
3	---	---	1.20	1.80	2.06	1.37	.96	1.22	2.02	1.21	1.04	1.46
4	---	---	1.15	1.13	2.07	1.36	1.04	1.28	1.80	1.21	1.12	1.24
5	---	---	1.18	1.20	---	1.54	1.27	1.36	1.63	1.29	1.41	1.30
6	---	---	1.10	1.25	---	1.71	1.92	1.47	1.54	1.15	1.60	1.44
7	---	---	1.01	.56	---	1.31	1.98	1.47	1.47	1.08	1.84	1.23
8	---	---	1.42	-.21	---	1.08	1.72	1.61	1.20	.78	1.82	1.07
9	---	---	1.51	-.39	---	.85	1.50	1.89	.63	.36	1.41	1.01
10	---	2.06	1.24	-.20	---	.79	1.62	1.92	.80	.54	1.18	1.11
11	---	1.86	1.20	.21	1.00	.85	1.59	1.70	1.06	.89	1.38	1.26
12	---	1.51	1.17	.31	---	.70	1.44	1.27	1.34	.98	1.17	1.50
13	---	1.32	1.42	.17	.77	.79	2.08	1.39	1.35	1.02	.99	1.59
14	---	1.21	1.41	.25	.65	1.00	2.46	1.43	1.28	1.17	1.07	1.90
15	---	1.35	1.40	.54	.60	1.14	3.18	1.50	1.36	1.09	1.32	2.32
16	---	1.05	1.31	.89	.57	1.23	2.42	1.62	1.34	1.18	1.37	2.10
17	---	1.18	1.77	1.28	3.60	1.61	1.90	1.57	1.34	1.64	1.49	1.48
18	---	1.54	3.08	1.65	.16	2.21	1.66	1.46	1.40	1.85	1.64	1.45
19	---	1.64	4.33	.75	.41	1.60	1.61	1.43	1.37	1.66	1.77	1.77
20	---	1.74	7.03	.93	.84	.67	1.64	1.36	1.30	1.08	2.02	1.84
21	---	1.63	8.51	1.34	1.19	-.65	1.79	1.34	1.21	.64	2.47	2.00
22	---	1.55	7.43	1.47	1.01	-.62	2.06	1.16	1.02	.25	2.90	1.79
23	---	1.61	5.49	1.55	.93	.06	2.08	.98	.80	-.11	2.94	1.83
24	---	1.47	3.14	1.53	.78	.99	1.83	1.03	.82	.36	2.59	1.78
25	---	1.42	1.66	1.61	.87	1.48	1.85	1.25	1.04	.71	2.17	1.68
26	---	1.33	1.18	2.19	.95	1.99	1.34	1.41	.86	.78	1.89	1.89
27	---	1.34	.99	3.14	1.05	2.29	1.19	1.28	.79	1.12	1.57	2.16
28	---	1.36	1.08	3.67	1.76	2.17	1.51	.93	.88	1.38	1.45	2.21
29	---	1.26	1.53	4.39	2.39	1.62	1.66	1.06	1.08	1.45	1.39	2.12
30	---	1.18	1.73	4.53	---	2.49	.93	1.36	1.12	1.55	1.32	2.23
31	---	---	1.97	3.76	---	2.99	---	1.54	---	1.57	1.34	---
MAX	---	---	8.51	4.53	---	2.99	3.18	1.92	2.17	1.85	2.94	2.32
MIN	---	---	.99	-.39	---	-.65	.93	.93	.63	-.11	.99	1.01

MISSISSIPPI RIVER DELTA

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 current year.

GAGE.-- Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is sea level (levels determined by Global Positioning System).

REMARKS.-- Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.-- Maximum recorded elevation, 3.68 ft, Sept. 29, 1996; minimum recorded, -4.91 ft Aug. 26, 1992.

EXTREMES FOR CURRENT YEAR.-- Maximum recorded elevation, 3.68 ft, Sept. 29; minimum recorded, -1.35 ft, Feb. 18.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.40	1.36	1.94	1.74	.79	1.34	1.54	-.07	.65	1.73	.65	1.18
2	2.18	1.28	1.78	1.22	.63	.96	.89	-.18	.48	1.69	.59	.95
3	2.22	1.47	1.82	2.18	1.15	1.68	.88	-.26	.33	1.66	.39	.88
4	2.74	1.06	2.06	2.51	1.53	2.15	.78	-.34	.19	1.82	.07	1.04
5	1.87	1.06	1.56	2.59	1.51	2.18	.80	-.29	.28	1.63	-.09	.82
6	1.27	.84	1.07	2.41	.71	1.50	.73	-.33	.18	2.00	.32	1.22
7	1.69	1.13	1.28	1.48	.05	.71	1.30	-.33	.32	2.09	.46	1.38
8	1.90	.91	1.38	1.98	.28	1.13	1.54	.15	.92	1.70	-.14	.92
9	1.89	.44	1.14	2.41	.68	1.54	2.39	.99	1.38	1.28	-.82	.36
10	1.68	.45	1.04	1.67	.13	.94	2.84	.90	2.07	.78	-.61	.20
11	1.63	.77	1.20	1.98	.17	1.04	2.65	.25	1.64	.95	-.15	.48
12	1.79	1.07	1.47	2.51	.25	1.43	1.96	.19	1.13	.91	-.60	.33
13	1.92	.93	1.41	1.90	-.33	.81	1.51	.18	.95	.94	-.41	.33
14	1.91	.70	1.35	1.63	.07	.94	1.31	.16	.78	.92	-.59	.10
15	2.32	.86	1.58	2.15	.07	1.13	1.20	.00	.56	1.11	-.18	.40
16	2.15	.30	1.26	1.18	-.37	.49	.94	.18	.51	1.11	-.45	.38
17	1.92	1.00	1.47	1.65	.60	1.14	1.70	.32	.84	1.24	.14	.70
18	2.11	1.21	1.66	1.44	.46	.98	2.01	.72	1.31	2.33	.68	1.22
19	2.00	1.05	1.50	1.30	.26	.85	1.79	.38	.91	2.33	.36	1.48
20	1.81	.59	1.35	1.24	.25	.77	1.97	.30	1.00	2.41	.79	1.54
21	2.32	.61	1.38	1.67	-.19	.70	2.01	.27	1.21	1.94	.24	1.27
22	1.43	.47	.97	1.93	-.32	1.13	2.71	1.34	1.91	2.12	.44	1.33
23	1.65	.56	1.16	1.61	-.65	.53	2.92	.84	2.04	1.55	.15	.83
24	1.82	.44	1.18	1.72	-.16	.86	2.78	.38	1.77	1.76	.20	1.02
25	1.97	.56	1.39	2.31	-.10	1.15	2.46	.17	1.39	2.29	1.33	1.74
26	2.04	.20	1.14	1.42	-.65	.41	1.90	.82	1.35	1.68	1.11	1.40
27	1.45	.26	.85	.74	-.74	.07	1.79	.42	1.19	2.33	.97	1.49
28	1.81	.02	.95	1.16	-.56	.20	2.41	1.47	2.04	2.33	1.29	1.89
29	2.26	1.02	1.70	1.54	-.19	.83	2.78	1.58	2.27	1.78	.59	1.15
30	2.32	1.20	1.80	1.45	.25	.94	2.61	1.39	1.88	1.54	.20	.82
31	2.30	1.04	1.64	---	---	---	1.88	.82	1.27	1.91	.49	.99
MONTH	2.74	.02	1.40	2.59	-.74	1.02	2.92	-.34	1.12	2.41	-.82	.96

MISSISSIPPI RIVER DELTA
0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.03	1.14	1.57	1.99	.97	1.34	.53	.12	.27	.65	.03	.40
2	2.54	1.57	2.01	1.66	.10	.78	.67	-.30	.22	.70	-.07	.40
3	2.76	1.45	2.21	1.04	-.53	.28	.53	-.21	.12	.82	-.04	.49
4	2.92	1.18	2.12	1.23	-.18	.55	.82	-.05	.48	1.03	-.02	.62
5	2.77	.74	1.78	1.06	.58	.79	1.04	.10	.63	1.01	.09	.65
6	2.11	.73	1.47	1.21	.65	.89	1.68	.40	1.13	1.05	.09	.64
7	2.03	.40	1.28	1.32	.53	.95	1.25	.54	.99	1.12	.07	.67
8	1.66	.13	.95	1.72	.64	1.21	1.14	.32	.77	1.21	.25	.79
9	1.21	.08	.71	1.74	.92	1.35	1.07	-.19	.53	1.40	.48	.96
10	.77	.20	.46	1.90	.93	1.40	1.19	.50	.86	1.27	.68	1.00
11	1.03	-.08	.33	1.65	.51	1.10	.89	-.04	.48	1.18	.43	.64
12	1.46	.07	.67	.83	.01	.46	1.00	.01	.46	.82	.27	.53
13	1.31	.03	.59	.69	-.33	.29	1.05	.43	.74	1.08	.35	.74
14	.58	-.82	-.09	.84	-.26	.37	1.60	.39	.78	.90	.37	.65
15	.95	-.78	-.12	.97	-.14	.45	1.60	.05	.77	1.14	.43	.83
16	1.42	-.32	.52	1.01	.05	.58	1.24	-.01	.64	1.26	.40	.95
17	1.67	-.60	.42	1.17	.33	.77	.65	-.01	.33	1.09	.28	.77
18	.26	-1.35	-.53	1.83	-.86	.98	1.01	.28	.68	1.06	.25	.74
19	.16	-.39	-.08	.23	-1.14	-.67	1.22	.29	.82	.93	.17	.62
20	.40	-.19	.15	.08	-1.18	-.59	1.25	.34	.90	1.16	.16	.73
21	.57	-.18	.21	-.14	-1.05	-.68	1.35	.46	1.01	1.17	.28	.75
22	.35	-.22	.14	.19	-.74	-.32	1.45	.93	1.20	.84	.14	.54
23	.14	-.32	-.08	.29	-.62	-.07	1.28	.62	.91	.71	.06	.39
24	.28	-.50	-.14	1.01	-.05	.47	1.32	.57	1.00	.79	.00	.45
25	.38	-.76	-.16	1.43	.70	1.01	1.00	.38	.69	.91	.32	.66
26	.48	-.53	-.03	2.25	1.00	1.77	.69	.11	.43	.92	.61	.75
27	.67	-.35	.17	2.05	1.31	1.78	.92	-.03	.48	.89	.29	.61
28	.95	-.37	.16	1.31	.66	1.05	1.16	.42	.78	.70	.13	.40
29	1.99	.76	1.25	1.10	.19	.70	1.33	.06	.77	1.19	.19	.70
30	---	---	---	1.57	.79	1.20	.67	-.14	.25	1.12	.08	.74
31	---	---	---	1.43	.53	.98	---	---	---	1.28	.08	.81
MONTH	2.92	-1.35	.62	2.25	-1.18	.68	1.68	-.30	.67	1.40	-.07	.67

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.50	.33	1.11	1.06	.25	.69	1.41	.56	1.01	2.16	.94	1.57
2	1.91	.83	1.43	1.06	.18	.68	1.17	.56	.80	1.94	.73	1.29
3	1.65	.68	1.21	1.10	.25	.65	.88	.36	.66	1.95	.38	1.10
4	1.42	.44	1.03	1.07	.27	.76	.94	.56	.74	1.79	.42	1.02
5	1.28	.39	.87	1.06	.56	.86	1.15	.76	.94	1.80	.57	1.14
6	1.13	.32	.78	.79	.37	.64	1.35	.75	1.08	1.89	.47	1.15
7	1.10	.44	.69	.83	.26	.62	1.57	.83	1.25	1.48	.40	.93
8	.77	.21	.52	1.06	-.25	.37	1.42	.41	1.04	1.43	.39	.94
9	.58	.09	.32	.45	-.25	.18	1.14	.14	.76	1.49	.71	1.12
10	.74	.22	.50	.67	-.03	.34	.99	.12	.67	1.68	.69	1.12
11	.88	.34	.65	.98	.02	.51	1.67	.21	.79	1.72	.91	1.26
12	1.17	.27	.81	.96	.06	.62	.95	.04	.48	1.86	1.03	1.38
13	1.26	.07	.69	1.25	.22	.81	.77	.03	.43	2.00	1.06	1.48
14	1.36	.07	.68	1.27	.20	.78	.91	.03	.56	2.24	1.50	1.88
15	1.14	.09	.68	1.28	.27	.72	1.09	.20	.77	2.30	1.65	2.00
16	1.04	.17	.66	1.21	.25	.85	1.00	.44	.77	2.37	.91	1.57
17	1.07	.22	.72	1.55	.74	1.20	1.10	.54	.89	1.88	.66	1.27
18	1.11	.38	.74	1.62	1.06	1.36	1.18	.67	.99	2.47	.86	1.65
19	1.13	.32	.72	1.44	.69	1.17	1.33	.83	1.03	2.60	.97	1.84
20	.96	.24	.64	.91	.43	.70	1.86	1.18	1.40	2.46	1.54	1.94
21	.82	.29	.55	.60	.19	.44	2.17	1.54	1.85	2.74	.99	1.85
22	.79	.16	.35	.27	-.04	.14	2.44	1.74	2.14	2.59	1.11	1.92
23	.59	-.06	.32	.21	-.47	-.01	2.27	1.02	1.73	2.92	1.30	2.02
24	.79	-.14	.20	.68	-.11	.35	1.97	.66	1.39	2.40	1.36	1.71
25	.49	-.13	.20	1.14	-.11	.43	1.46	.49	1.04	2.28	1.48	1.77
26	.55	-.12	.25	1.23	.07	.62	1.30	.22	.87	2.32	1.74	1.97
27	.81	-.38	.28	1.36	.27	.87	1.05	.17	.70	2.91	1.70	2.20
28	.63	-.38	.26	1.31	.31	.92	1.12	.15	.66	3.23	2.05	2.66
29	.94	.03	.56	1.41	.36	1.06	1.21	.31	.84	3.68	1.99	2.92
30	1.04	.06	.64	1.51	.46	1.06	1.69	.96	1.31	3.47	1.84	2.74
31	---	---	---	1.40	.55	1.04	1.83	.82	1.31	---	---	---
MONTH	1.91	-.38	.64	1.62	-.47	.69	2.44	.03	1.00	3.68	.38	1.65

MISSISSIPPI RIVER DELTA
0738023365 BAYOU RIGOLETS NEAR SLIDELL, 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 TEMPERATURE: July 1992 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 37,700 microsiemens, July 30, 1995; minimum daily, 387 microsiemens, May 8, 1995.

WATER TEMPERATURE: Maximum daily, 33.6°C, Aug. 19, 1995; minimum daily, 5.0°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 27,100 microsiemens, Sept. 15; minimum daily, 1,790 microsiemens, Apr. 28.

WATER TEMPERATURE: Maximum daily, 32.2°C, Aug. 8; minimum daily, 5.0°C, Jan. 8.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25200	19100	22000	18000	15700	16800	10600	9440	10400	6290	3590	4710
2	22500	19300	21000	16300	11800	14500	10700	8690	10100	7690	4810	6130
3	22300	19100	20700	13900	9820	12300	10300	8690	9620	7260	6620	6850
4	23400	18600	20900	10600	9500	10000	10500	8950	9770	7170	4470	6030
5	18600	13700	15800	10400	9440	9840	10500	9000	10000	5650	3850	5030
6	15600	9340	11800	10100	9020	9620	11000	9060	10400	5910	4250	5070
7	12300	8990	9940	10400	9160	9770	11000	9190	10200	7090	5910	6680
8	12700	9710	10900	10400	9420	9930	12900	9610	11500	6990	6370	6740
9	12200	9170	10300	9640	8650	9170	15900	10400	12800	6710	5340	6190
10	10800	8890	9660	9750	8430	9250	10600	9630	10200	6380	4250	5460
11	13900	9570	12200	10200	8990	9650	9990	8950	9590	6010	4350	5370
12	16300	12700	14600	10200	9210	9920	9770	7610	8910	6460	5380	5980
13	17100	14200	15400	10200	9090	9810	10900	7360	9420	6210	4840	5870
14	15100	11900	13900	10200	9440	9960	10200	8920	9540	7690	4760	5700
15	12300	10300	11600	10300	8250	9160	10500	8870	9560	9990	7110	8150
16	11100	9150	10300	10300	9600	10100	11200	7920	9060	13300	8490	10200
17	11500	8370	9940	10900	8330	9170	15900	9690	11600	15500	10300	12300
18	15100	11300	13400	11800	10100	10800	17800	12000	15200	18400	12400	15200
19	13700	13000	13400	12500	9990	10900	17600	9540	12200	12500	8270	10100
20	13700	11100	12700	11600	9600	10600	9910	8180	8990	11000	8250	9830
21	11100	8970	10300	10400	9570	10200	8280	6210	7860	12400	9740	11100
22	10600	8350	9030	10200	8890	9840	7770	6150	7130	11700	9350	10900
23	15700	10600	14100	10400	8890	9800	7630	5890	6870	13100	10200	11100
24	16800	13900	14900	10700	9510	10100	7690	6960	7470	12100	10200	11100
25	15200	14100	14500	10700	9380	10100	7750	6890	7380	13900	8650	10300
26	15200	13600	14500	11000	9500	10400	7480	6390	7260	16000	11900	13900
27	16600	13100	14800	11000	9270	10000	7470	4980	6980	14500	9620	11000
28	14900	12700	13900	10800	9420	10100	6700	4440	5630	9920	8180	9220
29	15000	12600	14000	10800	9520	10300	6200	4690	5730	10000	7610	9170
30	15100	14000	14500	11200	10300	10900	6110	3640	5120	9050	7640	8710
31	18600	14200	16300	---	---	---	5330	3590	4790	8810	6660	8350
MONTH	25200	8350	13900	18000	8250	10400	17800	3590	9070	18400	3590	8470

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8310	4840	7300	13100	10500	11300	7970	7040	7400	5740	3440	4620
2	7470	5140	6420	11700	8200	9870	7180	6800	7010	5040	2680	4050
3	7590	6960	7380	8700	6550	7360	7120	5300	6430	4900	2220	3340
4	7040	6410	6820	7480	5800	6840	5830	2840	4490	3880	2010	2900
5	6750	5190	6280	8810	6600	7740	5120	3000	4280	3160	1960	2710
6	5690	3400	4270	11400	6600	8780	4860	3930	4480	3060	2240	2660
7	4460	3040	3850	8290	7380	7670	4580	3100	4010	3080	2340	2710
8	4420	3420	3930	7610	7190	7410	5280	2560	4020	3170	2420	2810
9	4510	3760	4140	7360	6240	6970	6570	2580	4720	3930	2810	3180
10	4990	2380	4130	6970	5170	6170	4910	2450	3710	3640	3170	3410
11	5630	3400	4740	6430	5430	6100	5900	3160	4400	5590	3130	4140
12	6240	3440	5340	6560	3860	5570	6230	2210	4560	6050	4790	5420
13	6040	3440	4970	5830	3830	5060	4510	2200	3560	5630	3200	4110
14	6170	3190	4960	6270	3930	5320	4980	2540	4020	4920	3250	4170
15	5430	2710	4250	7080	4820	5930	7510	2540	5670	4350	2720	3410
16	6120	3660	4770	7860	5470	6300	7340	5700	6790	3390	2790	3170
17	6100	4670	5700	8200	5470	6830	7180	4540	6320	3810	3010	3380
18	6290	2860	5380	10700	6820	8310	6410	2910	4920	5040	2890	3680
19	3940	3140	3520	7160	6680	6930	5130	2800	4130	5250	2820	3880
20	4650	3070	3990	7140	6840	7000	5060	2280	3670	6080	3020	4110
21	6050	4360	5060	7150	5140	6530	3930	2220	2990	5260	3470	4110
22	4990	3680	4510	6080	3730	4720	3190	1920	2680	7130	3950	5400
23	5290	4260	5060	7770	3030	5070	4670	2720	3590	7380	4770	6270
24	10700	4530	6460	15600	5600	8710	5860	2490	4160	7120	4180	5740
25	9600	5150	6480	15900	10700	13500	6470	3420	5430	5630	4040	4740
26	11600	6360	7690	18000	13200	15800	6950	5870	6520	4820	3820	4430
27	11800	7900	9200	17400	9990	14200	6900	2910	5220	5140	4250	4840
28	12500	8860	9880	13900	10400	11500	4610	1790	3390	7040	5120	6230
29	13200	10000	11500	10500	7490	8890	4970	2770	3610	7040	4290	5700
30	---	---	---	10800	6870	8670	6650	4920	5910	5830	4940	5310
31	---	---	---	10500	7700	8310	---	---	---	7020	5140	5790
MONTH	13200	2380	5790	18000	3030	8040	7970	1790	4740	7380	1960	4210
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	11400	5490	7750	9340	6820	7590	16400	14500	15300	16300	10600	13700
2	12700	8870	9870	8960	6910	7710	15100	11600	13300	13900	10700	12700
3	10000	8190	9030	9140	7130	7930	11700	9860	10800	13400	9950	11400
4	8840	7640	8120	9130	7640	8280	12000	9840	10900	11300	9440	10300
5	8090	7010	7610	9240	8260	8700	13700	11500	12100	15600	9730	11900
6	7870	6380	7340	8530	7580	8050	14300	10900	12400	16300	11300	13000
7	7650	6790	7350	8010	6540	7650	16900	11900	14300	12400	10300	11100
8	7560	6690	7210	8660	6110	7680	15200	12700	13700	12300	9940	10900
9	7160	6690	6960	6900	5950	6450	12700	11000	12200	12300	10100	10800
10	6910	5000	6310	7440	6290	6870	11500	9670	10600	13100	10100	11200
11	6570	4910	5890	8650	6590	7480	11100	10400	10900	16300	11100	12800
12	6780	5400	6150	9370	7200	8250	10400	8500	9200	18000	13100	15400
13	6440	5840	6190	10400	8750	9350	8630	7330	7990	18000	14300	16000
14	6630	5570	6150	10800	8780	9490	9780	7170	8470	25600	14500	18800
15	7140	5700	6270	9770	8460	9020	11500	8330	9390	27100	19300	23100
16	7560	5920	6570	12900	8250	9740	10300	9380	9690	21600	14300	18800
17	7290	5910	6510	17200	9690	12200	11100	9790	10300	14800	12900	13900
18	7060	6080	6620	15800	11600	13800	13100	10100	11200	17000	12800	14600
19	7170	5910	6530	13100	11300	12300	12600	10700	11800	19400	14100	16600
20	7590	5540	6680	11300	9330	10200	19400	12400	17300	18800	15300	16800
21	7540	5360	6650	9740	8100	8680	25100	19400	23000	17000	13100	15600
22	7830	6480	7320	8680	7200	8010	26400	21100	25100	16800	12700	14500
23	7440	6890	7210	7360	6020	7120	23800	19800	22700	16800	13700	15000
24	7330	6360	6740	11000	5970	8250	19800	14900	18200	15300	14100	14700
25	6840	5440	6390	10800	8790	9630	15500	11300	13200	15200	13800	14400
26	7160	5840	6620	15800	8100	10600	11800	9120	10300	18500	14400	16000
27	7250	4990	6190	19000	9580	13200	10800	8020	9310	17700	14900	16800
28	6690	5700	6280	19000	10900	14600	10300	8440	9270	19400	15800	17300
29	8200	6060	6800	20200	11400	15500	9680	8730	9010	16500	15800	16200
30	8940	6110	7110	20700	14500	16800	10000	8840	9060	16600	15600	16300
31	---	---	---	17900	15800	16800	10600	8830	9210	---	---	---
MONTH	12700	4910	6950	20700	5950	9930	26400	7170	12600	27100	9440	14700

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.9	25.8	26.3	20.8	19.4	20.0	16.1	14.5	15.1	10.2	8.3	9.0
2	27.0	26.2	26.6	21.8	20.7	21.1	15.7	14.3	14.9	10.1	9.3	9.7
3	26.9	25.8	26.5	20.9	18.7	20.4	16.7	15.5	15.8	9.5	8.3	8.7
4	26.1	24.5	25.5	18.7	16.7	17.6	17.0	15.9	16.2	8.8	7.8	8.5
5	24.9	23.9	24.4	17.7	16.0	16.5	17.7	16.4	17.0	11.4	8.8	9.6
6	24.9	24.0	24.6	17.0	15.4	16.1	18.1	16.8	17.6	11.1	9.7	10.0
7	24.0	22.4	23.3	17.8	16.2	17.1	18.1	17.0	17.7	9.7	6.6	8.2
8	24.0	21.9	23.0	17.9	16.9	17.3	17.2	16.4	16.8	7.2	5.0	6.2
9	23.3	21.7	22.7	16.9	16.1	16.5	17.0	13.7	15.8	8.6	5.8	6.8
10	23.7	21.8	22.5	17.6	16.4	16.9	14.2	11.7	13.2	8.7	6.4	7.3
11	24.0	22.4	23.3	18.1	16.3	17.2	12.4	10.9	11.9	8.5	7.7	8.0
12	23.8	23.1	23.5	16.8	15.6	16.3	12.4	11.3	11.7	10.5	7.7	8.6
13	24.6	23.3	23.9	16.9	15.6	16.1	13.2	11.6	12.4	10.0	8.3	8.9
14	24.4	22.6	23.9	16.6	15.7	16.2	14.1	12.2	12.9	10.3	8.7	9.5
15	23.1	21.5	22.4	16.2	15.0	15.7	15.1	12.7	13.5	10.9	10.1	10.6
16	21.9	21.2	21.5	16.3	15.5	15.9	15.6	13.4	14.0	12.2	10.8	11.6
17	21.5	21.1	21.2	15.5	14.9	15.2	15.0	14.0	14.5	13.0	11.7	12.4
18	21.9	21.2	21.5	16.1	15.3	15.8	15.8	14.9	15.2	14.1	11.9	13.3
19	22.5	21.7	21.9	16.7	15.7	16.0	15.4	13.6	14.5	11.9	9.3	10.2
20	22.8	21.2	22.2	16.8	16.0	16.4	13.6	12.0	12.5	10.4	9.6	9.9
21	21.2	20.3	20.8	17.3	16.2	16.7	12.2	11.1	11.6	11.4	9.7	10.3
22	21.1	19.6	20.3	16.9	15.4	16.0	11.7	9.9	10.7	11.6	10.0	10.7
23	21.4	20.8	21.1	16.8	15.4	16.2	10.4	8.8	9.7	12.9	10.4	11.3
24	22.1	21.3	21.7	16.7	16.0	16.3	9.4	8.4	9.0	12.7	11.1	11.9
25	22.3	21.3	21.7	16.4	14.7	15.7	9.7	8.4	9.0	12.1	10.9	11.5
26	22.5	21.2	21.7	16.8	15.1	16.0	9.1	8.3	8.9	12.7	11.5	12.0
27	23.0	21.6	22.3	17.0	15.3	16.2	9.3	7.9	8.8	12.7	11.8	12.3
28	23.4	22.2	22.7	17.3	15.8	16.6	8.9	7.7	8.2	12.1	10.9	11.6
29	22.6	20.5	21.5	17.2	16.1	16.7	7.9	7.1	7.7	11.9	11.3	11.5
30	21.1	19.2	20.1	16.6	15.4	15.8	8.0	6.9	7.4	12.7	11.6	12.0
31	19.8	18.9	19.3	---	---	---	8.6	8.0	8.3	12.6	11.9	12.2
MONTH	27.0	18.9	22.7	21.8	14.7	16.7	18.1	6.9	12.7	14.1	5.0	10.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.0	11.3	11.5	16.3	14.9	15.4	17.9	16.4	17.1	23.1	21.8	22.3
2	11.3	8.7	10.3	15.5	14.0	14.8	17.7	15.6	16.4	23.4	22.1	22.6
3	9.0	7.0	8.0	16.1	13.8	14.6	18.3	16.1	16.8	24.0	22.3	22.9
4	7.0	5.1	6.0	15.5	14.3	14.9	18.7	16.8	17.8	24.9	22.8	23.5
5	7.1	5.1	6.1	16.2	15.4	15.9	19.0	18.0	18.5	25.3	23.6	24.3
6	6.6	5.0	5.6	17.7	15.9	16.8	18.5	17.3	17.9	25.7	24.1	24.9
7	8.0	5.6	6.5	17.9	13.2	16.1	17.4	15.7	16.8	26.3	24.5	25.4
8	8.8	6.3	7.3	13.2	10.6	12.1	17.2	16.1	16.7	26.6	25.2	26.0
9	9.9	7.3	8.5	12.5	8.7	10.9	18.1	16.3	17.2	26.3	25.7	26.0
10	11.1	8.9	9.9	11.6	9.6	10.9	17.7	16.5	17.3	26.7	25.4	26.0
11	11.2	10.1	10.5	11.9	9.7	10.7	18.1	16.9	17.5	26.5	25.5	25.8
12	10.8	10.1	10.4	12.2	10.3	11.3	18.5	17.5	18.0	26.5	25.1	25.7
13	10.8	9.8	10.3	13.4	11.9	12.5	19.9	18.5	19.1	26.4	25.3	25.8
14	11.4	9.9	10.5	14.9	13.1	14.1	20.4	19.2	19.7	27.2	25.7	26.3
15	12.1	10.9	11.4	16.2	14.2	15.1	20.8	19.4	20.1	26.8	25.9	26.2
16	11.7	10.8	11.2	16.9	15.2	16.1	20.3	18.8	19.4	27.3	25.9	26.5
17	12.0	9.6	10.9	17.5	16.2	16.8	19.7	18.9	19.3	28.0	26.2	26.9
18	12.7	9.4	11.1	18.9	16.3	17.7	19.5	19.0	19.2	28.5	26.7	27.4
19	12.0	10.5	11.1	16.3	14.2	15.2	21.0	19.4	19.8	28.3	26.9	27.6
20	12.7	11.2	11.9	14.2	12.2	13.3	22.2	20.1	20.7	28.6	26.9	27.7
21	14.4	11.9	13.0	14.2	11.1	12.7	22.0	20.9	21.5	29.2	27.0	28.0
22	14.6	13.0	13.5	14.6	13.0	13.8	23.4	21.9	22.5	29.1	27.5	28.3
23	15.6	14.2	14.9	15.2	13.9	14.6	23.6	22.5	22.8	29.8	28.0	28.7
24	17.0	15.1	15.7	16.0	14.7	15.3	22.5	21.6	22.1	30.1	28.2	29.2
25	17.0	16.0	16.5	17.2	15.9	16.3	22.3	21.2	21.8	30.8	29.1	30.0
26	18.2	16.7	17.6	17.1	15.8	16.7	23.5	22.1	22.6	31.1	29.3	30.2
27	19.2	17.9	18.6	15.8	14.7	15.3	23.4	22.7	23.1	30.1	29.0	29.6
28	19.9	18.4	19.0	16.2	14.8	15.3	24.4	23.2	23.7	30.3	28.4	29.2
29	18.4	16.3	17.4	16.9	15.4	16.0	24.2	22.8	23.8	29.5	27.2	28.7
30	---	---	---	16.7	16.2	16.4	22.8	21.6	22.3	28.2	26.9	27.8
31	---	---	---	18.5	16.4	17.4	---	---	---	28.3	27.5	27.9
MONTH	19.9	5.0	11.6	18.9	8.7	14.7	24.4	15.6	19.7	31.1	21.8	26.7

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.4	27.5	27.9	31.2	29.7	30.4	29.2	28.6	29.0	29.7	28.4	29.0
2	28.1	27.4	27.7	31.5	29.7	30.6	29.5	28.4	28.9	30.6	28.8	29.5
3	28.0	27.0	27.5	31.6	30.0	30.8	30.4	28.6	29.3	30.7	29.4	29.8
4	28.4	27.2	27.7	31.8	29.8	30.9	30.6	29.0	29.5	30.6	29.2	29.8
5	28.9	27.5	28.2	31.3	30.2	30.9	31.4	29.3	30.1	30.0	28.7	29.4
6	29.0	27.5	28.3	31.6	30.0	30.8	30.7	29.8	30.2	29.8	28.9	29.3
7	28.7	27.7	28.2	31.9	30.0	30.8	30.8	29.5	30.1	30.6	29.3	29.8
8	28.8	27.3	28.0	30.0	28.7	29.5	32.2	30.2	30.9	30.4	29.3	29.9
9	28.8	26.4	27.7	30.3	28.3	29.3	31.3	29.9	30.6	30.2	29.4	29.9
10	28.7	27.5	27.9	30.2	29.4	29.8	30.3	29.6	30.0	29.7	29.2	29.5
11	28.1	27.3	27.6	30.6	29.7	30.0	29.8	29.0	29.5	29.7	29.2	29.5
12	28.3	27.3	27.8	30.9	29.9	30.4	29.5	28.5	29.0	30.1	29.2	29.6
13	28.6	27.7	28.1	31.1	30.0	30.6	29.1	28.0	28.6	30.0	29.5	29.7
14	28.5	27.9	28.3	30.7	30.0	30.4	29.3	28.5	29.0	29.9	28.8	29.2
15	28.9	27.5	28.3	30.3	29.5	29.9	29.7	28.8	29.3	29.2	28.3	28.8
16	29.2	28.5	28.9	30.5	29.4	30.1	30.5	28.8	29.5	29.0	27.9	28.6
17	29.9	28.6	29.2	30.4	29.7	30.1	30.7	29.4	30.0	29.8	28.4	29.0
18	30.2	28.8	29.5	30.4	29.5	30.0	30.4	29.7	30.1	29.9	28.2	29.0
19	29.8	28.7	29.1	31.6	29.5	30.5	30.9	29.5	30.2	29.2	27.5	28.3
20	29.4	28.4	28.9	31.3	30.3	30.8	30.2	29.2	29.6	28.4	27.1	27.8
21	29.9	28.8	29.2	31.9	30.4	31.0	29.6	28.5	29.1	28.2	27.1	27.6
22	30.3	28.9	29.6	31.9	30.3	30.9	28.7	28.0	28.4	27.9	26.9	27.3
23	30.5	29.0	29.7	31.9	30.2	30.9	29.4	28.2	28.7	27.5	26.9	27.3
24	30.2	29.2	29.7	31.1	29.7	30.5	30.6	28.9	29.5	27.7	26.9	27.3
25	31.3	28.9	29.9	30.5	29.2	29.9	30.3	29.4	29.7	27.7	26.8	27.3
26	31.0	30.1	30.5	29.8	28.6	29.3	30.2	29.1	29.6	27.8	27.2	27.5
27	31.0	29.0	30.3	29.5	28.6	29.1	30.2	28.9	29.6	28.0	27.2	27.6
28	30.5	28.4	29.6	30.0	28.9	29.3	30.0	29.3	29.7	27.7	25.6	26.8
29	30.5	29.4	30.0	29.9	28.7	29.3	29.7	29.0	29.3	25.8	25.1	25.5
30	30.8	29.5	30.2	30.1	28.9	29.5	29.5	28.8	29.1	25.2	23.8	24.6
31	---	---	---	29.8	29.1	29.4	29.3	28.3	28.9	---	---	---
MONTH	31.3	26.4	28.8	31.9	28.3	30.2	32.2	28.0	29.5	30.7	23.8	28.5

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE

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.

GAGE.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is an assumed elevation.

REMARKS.--Stage affected by wind and tide. Prior to December 1, 1993, at platform near present site, datum of gage was sea level (levels determined by Global Positioning System). From Dec. 2, 1993, to Sept. 30, 1995, datum of gage was 7.06 ft below sea level. Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 4.54 ft, Aug. 25, 1992; minimum recorded elevation, -3.24 ft, revised, Feb. 8, 1995.

REVISIONS.--Minimum recorded elevation has been revised to reflect the datum used prior to Oct. 1, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 2.42 ft, Oct. 2; minimum recorded, -2.02 ft, Jan. 7.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.41	.97	1.64	1.58	.61	1.08	.28	-.28	-.04	1.16	.09	.64
2	2.42	1.04	1.74	1.32	.64	.99	.53	-.43	.03	.98	-.16	.22
3	2.30	.82	1.64	1.80	1.06	1.42	.51	-.39	.09	.15	-1.04	-.45
4	1.82	.16	1.07	2.07	.49	1.34	.61	-.60	.01	.53	-.88	-.25
5	2.03	1.12	1.63	1.01	.18	.60	.59	-.64	-.01	.47	-.97	-.31
6	2.15	.94	1.57	1.01	-.01	.49	.67	-.80	-.09	.40	-.77	-.33
7	2.03	.98	1.36	.98	.03	.49	.66	-.86	-.16	-.70	-2.02	-1.43
8	1.39	1.04	1.20	.87	-.17	.34	.93	-.50	.13	-.30	-1.80	-1.21
9	1.20	.69	1.03	1.22	.10	.67	.93	-1.35	-.57	-.30	-1.22	-.78
10	1.16	.48	.83	1.28	.10	.72	.11	-1.13	-.62	-.31	-1.15	-.77
11	1.53	.47	.87	1.31	-.89	.19	.30	-.97	-.35	.11	-.48	-.21
12	1.66	.56	1.11	1.60	-.34	.75	.48	-.51	-.06	-.48	-.92	-.75
13	1.82	.63	1.21	1.32	-.28	.50	.53	-.11	.22	-.19	-.95	-.60
14	1.62	.28	.90	.90	-.19	.37	.51	-.04	.23	-.02	-.87	-.44
15	1.78	.48	1.24	1.23	-.10	.60	.45	-.32	.01	.27	-1.06	-.42
16	2.22	.29	1.39	.59	-.34	.18	.45	-.16	.12	.53	-.92	-.22
17	1.78	.33	1.17	.73	.01	.38	1.08	-.13	.42	.98	-.70	.07
18	1.75	.42	1.21	.73	.29	.50	1.52	-.01	.69	.94	-.19	.43
19	2.12	.64	1.51	.81	.29	.47	.89	-.69	-.10	.57	-1.71	-.63
20	1.82	.75	1.41	1.04	.22	.59	.39	-1.19	-.46	.73	-.85	-.15
21	2.37	.56	1.59	.93	-.15	.27	.65	-.99	-.20	.78	-.74	-.12
22	1.27	.77	1.01	1.16	.23	.66	.57	-1.10	-.31	.44	-.70	-.12
23	1.11	.65	.84	1.16	-.21	.48	.53	-.92	-.23	.69	-.33	.12
24	1.11	.35	.62	1.59	-.12	.47	.42	-1.04	-.33	.89	-.32	.12
25	1.33	.50	.81	1.82	-.28	.84	.29	-.98	-.33	.66	-.15	.16
26	1.58	.09	.82	1.46	-.40	.61	.04	-.87	-.40	1.15	.65	.89
27	1.75	.42	1.05	1.13	-.01	.60	-.05	-.60	-.30	.73	-.68	-.23
28	1.56	-.05	.68	1.15	.00	.54	-.13	-.65	-.39	.85	-.58	.16
29	1.81	.37	1.05	1.57	-.35	.75	.11	-.57	-.27	.95	-.23	.39
30	1.95	.57	1.33	.46	-.49	-.06	.58	-.31	.18	.85	-.25	.33
31	2.12	.43	1.31	---	---	---	.95	-.27	.29	.69	-.36	.17
MONTH	2.42	-.05	1.19	2.07	-.89	.59	1.52	-1.35	-.09	1.16	-2.02	-.18

MISSISSIPPI RIVER DELTA
07380251 BARATARIA BAY NORTH OF GRAND ISLE--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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily mean, 41,900 microsiemens, Oct. 4, 1992; minimum daily, 995 microsiemens, June 17, 1994.

WATER TEMPERATURES: Maximum daily mean, 31.8°C, June 10, 1995; minimum daily mean, 8.4°C, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 48,700 microsiemens, Oct. 20; minimum daily, 2,820 microsiemens, Aug. 13.

WATER TEMPERATURE: Maximum daily, 32.1° C, July 23; minimum daily mean, 2.9°C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	42500	35900	39600	42200	41100	41600	24600	20300	23600	35300	27500	29800
2	42900	35900	40600	41100	36600	39500	24900	23100	24200	35300	23400	28900
3	43600	35500	40000	36600	25600	32500	26100	21800	24200	23400	14600	16900
4	36300	27400	32400	25600	21400	22500	26000	22200	24700	22300	14000	18500
5	42100	33800	40700	29900	25000	27900	25500	19600	22900	24500	16600	20900
6	42000	31100	38800	34000	27600	31900	24700	18100	21300	27300	15300	23400
7	34800	25100	29300	35000	28200	31600	24400	16900	20300	15300	7020	9310
8	38600	34800	37100	33700	20600	25400	25400	17000	20300	7830	5970	6450
9	37200	28500	34200	32200	22800	26400	26200	11400	18700	19800	7830	15800
10	36600	27100	33100	36000	32100	33500	16600	5720	10300	25900	19800	23600
11	38200	30600	33900	37300	23800	31200	18900	11300	14900	28500	25600	27100
12	41200	34300	38000	31500	26700	30000	23600	18900	21000	29400	24800	28000
13	44500	41200	43800	31800	24300	30300	25700	23600	24500	31800	29000	30400
14	46400	31000	39800	31900	18000	24200	27900	25700	26400	32000	30700	31400
15	36600	30200	32900	28000	26400	27000	28400	26900	27900	32000	24400	30500
16	40200	36600	39200	31200	28000	29400	30700	28200	28900	32900	30200	31700
17	39900	38100	38800	32500	30900	31700	31000	28400	29800	34200	30100	32200
18	44800	39900	43100	32300	30400	31600	31200	26700	29900	34600	33200	33700
19	47800	43800	46300	32500	31700	32200	30900	19900	25500	33200	19800	24300
20	48700	35800	42900	33100	28300	30600	19900	13800	15700	28200	22600	25100
21	43000	36200	40400	33600	22900	28500	19900	13000	16400	30700	22800	27200
22	45300	41500	42800	32200	22700	28100	20000	12200	15500	28800	24600	27000
23	45300	42600	44500	32800	27800	31300	20700	11500	16200	32100	28400	30100
24	45300	42300	44100	32700	20700	25600	24700	20700	23100	34800	24900	29600
25	43100	38300	40400	30500	25200	29300	24200	22600	23600	30800	24400	27300
26	45100	39100	42000	29600	25000	28800	26100	23400	24800	40100	30800	36500
27	48200	44900	46500	28600	27300	27800	26500	25500	26100	40100	26400	31100
28	48200	38500	43300	28600	23800	27100	25700	20200	21300	32100	22800	27100
29	41200	34700	37400	26600	23200	24400	21300	19200	20200	35400	30700	33500
30	38600	32700	35900	26600	19300	22900	27900	21000	23500	35400	31300	34500
31	41500	33400	39800	---	---	---	29600	27700	28300	34600	27200	31000
MONTH	48700	25100	39400	42200	18000	29500	31200	5720	22400	40100	5970	26500

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	34600	27400	30600	27800	16100	20200	23400	18000	19000	23600	16700	21500
2	34600	20100	26900	34800	27800	33500	21700	16200	18900	21300	15600	19300
3	20300	13900	16200	36100	34800	35700	23600	21700	22600	21400	15300	18300
4	13900	12700	13100	35700	31300	34200	25300	22000	23600	22600	15200	18600
5	22400	12800	14600	34600	32800	33500	24400	20000	22900	21600	15800	17900
6	27500	22400	25800	35000	29500	33000	20300	14800	18300	18500	16000	16700
7	33200	26300	29500	30400	14800	24000	20800	13900	17400	18000	15600	16200
8	35900	33200	34800	14800	8530	11900	22700	19300	21300	19700	15400	17000
9	37800	35700	36600	17900	8350	12800	22700	18500	21000	22400	15200	18900
10	37400	35800	36800	22100	16700	19600	23400	19100	21100	22600	18000	20900
11	38000	34800	36500	27100	21400	24100	23300	18800	21200	21400	13000	17700
12	38000	22500	28300	30300	26800	28600	22700	20500	21600	16000	10800	11800
13	29400	23700	27300	33500	24100	29400	22200	21400	21800	17900	15100	16900
14	30900	23600	28100	36300	27100	32600	23600	21400	22400	17300	10500	14900
15	34500	27100	30500	37000	33400	35000	23700	15700	20200	15900	10600	14300
16	34600	19000	24700	36700	35000	35900	16400	13900	15400	15700	10800	13500
17	26500	20300	23400	36800	35200	36000	19500	13900	17100	16500	11400	13900
18	29500	22100	27000	36700	25700	34700	21800	16100	20000	15100	11900	13100
19	34300	26400	28900	25700	16600	20200	23000	18500	20800	13600	11000	12300
20	35900	34300	35300	16900	10200	13300	24400	20000	22300	13400	11500	12400
21	34900	33400	34200	15600	10200	12500	27900	20600	24000	14600	11700	13300
22	35700	33200	34500	25300	11100	20000	32000	26800	29200	14800	10900	12700
23	35100	32900	34200	28900	20800	26500	31100	20300	25300	15400	9540	12700
24	35400	32800	34600	39400	27100	32600	24300	18900	20900	14000	11900	13300
25	34600	25800	30000	36800	30900	35600	25900	18500	22100	13300	10500	12000
26	32100	28000	30100	31100	20100	25400	27200	20800	25300	12600	11600	11900
27	34700	30700	32700	25200	20100	23600	30800	25200	29400	12400	10700	11500
28	32200	21400	27400	27100	25200	26600	28300	24200	26700	13200	10800	11600
29	21400	16600	18400	26900	23300	25300	28100	23000	26700	12900	11200	12000
30	---	---	---	27400	25600	26600	23000	16700	19000	12400	8470	10900
31	---	---	---	27400	23400	26700	---	---	---	12400	8470	11200
MONTH	38000	12700	28700	39400	8350	26800	32000	13900	21900	23600	8470	14800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13100	8740	11000	11000	6440	8440	18800	10500	16100	20500	18000	19200
2	12100	8740	11300	12200	6900	9400	14800	9770	11700	18500	15400	17100
3	11000	9010	9820	12900	7500	10100	11600	7730	10400	22100	12900	16600
4	13200	7940	10000	11400	7220	9460	11100	9130	9890	26300	21900	24400
5	13400	9310	11100	11600	8080	10000	12000	8050	10300	25900	19000	24100
6	13100	9930	11200	9790	9050	9480	12100	8390	10400	25500	16500	22000
7	20900	9430	13000	13200	9560	12100	17300	8490	13500	27700	18700	25700
8	18300	12100	15600	12500	10000	11600	17100	7500	12500	25800	20300	23900
9	12100	9970	11100	10200	5780	8690	16800	4580	11000	27100	21400	25200
10	13300	8730	10900	12500	5790	7240	10600	4290	7120	31100	25500	29300
11	17200	9100	14700	13300	5590	9740	9470	4030	6710	30400	24800	27600
12	17500	13300	16100	11500	6120	8850	6810	3140	4840	32200	24800	29300
13	17800	14800	16500	15500	6660	11000	6020	2820	4150	34800	28300	32500
14	17800	14300	16100	18300	7010	13800	18200	2890	12400	32700	28200	29400
15	18100	13700	15800	20100	11500	16400	28700	15100	23000	34600	27800	31700
16	17100	13400	15200	22700	11900	17800	---	---	---	35800	31600	34000
17	16800	12700	14600	29600	16300	22300	---	---	---	32800	24800	28700
18	16600	13400	14700	33300	16900	24900	---	---	---	27200	23200	25700
19	16800	13200	15200	25200	16300	20100	---	---	---	28000	21400	24600
20	16400	12600	14200	16400	11300	14500	24000	18200	22100	28300	20400	24500
21	14600	12000	13100	18300	9780	13200	24000	20600	22800	30600	19900	25900
22	13400	11900	12600	10400	8700	9650	24800	20700	22500	27500	16900	23800
23	13100	10800	11800	10500	6930	8610	24500	20400	22300	21900	17400	20000
24	11900	9270	10500	17600	7150	11300	23300	19500	21400	22600	17500	20000
25	9590	8770	9190	18500	7840	13400	22300	18400	20800	21400	18000	19200
26	9960	7330	8890	17200	7900	11900	21300	17100	19600	25700	18600	22300
27	11700	6590	9320	22500	8290	16200	20700	15900	18800	31000	24400	28000
28	10500	5870	7690	32100	11300	22700	20000	15500	17700	28600	19300	23200
29	10600	5740	7930	19200	12500	17200	17800	13900	15800	25200	14300	18400
30	10500	5970	8040	19400	12200	16500	17700	14600	16100	28100	19600	24400
31	---	---	---	18100	10300	14300	19100	14100	17000	---	---	---
MONTH	20900	5740	12200	33300	5590	13300	28700	2820	14800	35800	12900	24700

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.9	26.9	27.4	21.2	20.4	20.9	16.9	16.5	16.7	14.8	10.9	11.7
2	27.3	26.9	27.0	23.2	21.2	22.1	17.5	16.6	16.9	14.8	11.6	12.7
3	27.1	25.9	26.7	22.9	20.5	22.3	17.5	17.0	17.3	11.6	10.3	10.9
4	25.9	23.8	24.8	20.5	17.0	18.2	18.8	17.5	18.1	10.6	9.4	10.0
5	24.4	23.6	23.9	17.1	16.5	16.8	20.5	18.8	19.6	12.0	10.1	10.8
6	24.7	23.8	24.3	17.7	16.4	16.7	21.5	20.4	20.9	11.8	10.8	11.5
7	24.0	22.7	23.2	18.8	17.7	18.2	21.1	19.3	20.6	10.8	6.8	9.0
8	23.2	22.8	23.0	18.8	17.7	18.3	19.3	18.5	18.9	6.8	5.1	5.5
9	23.4	22.3	22.9	17.8	16.8	17.3	19.4	14.4	17.6	6.5	5.2	6.2
10	23.7	22.3	23.1	19.1	17.4	17.9	14.4	10.7	11.9	8.3	6.4	7.5
11	24.7	23.3	24.0	19.2	17.2	18.7	10.7	9.3	10.2	10.5	8.0	9.1
12	24.9	24.0	24.4	17.2	16.3	16.8	11.9	9.9	10.6	10.7	9.8	10.4
13	25.5	24.7	24.8	17.0	15.7	16.6	12.5	11.8	12.1	11.8	10.7	11.2
14	25.7	22.9	24.8	16.8	15.8	16.4	13.9	12.5	13.0	12.1	11.6	11.9
15	22.9	20.9	21.4	16.4	15.5	15.9	14.7	13.7	14.2	12.7	12.0	12.2
16	21.0	20.2	20.6	17.0	16.4	16.7	17.6	14.5	15.2	15.3	12.4	13.2
17	21.8	20.6	21.2	17.4	16.9	17.2	19.2	16.2	17.5	16.7	14.6	15.6
18	22.8	21.2	21.9	17.8	17.4	17.6	19.9	18.4	19.1	17.6	15.5	16.9
19	23.1	22.3	22.7	18.2	17.8	18.0	19.7	15.0	17.3	15.5	10.7	12.3
20	23.5	22.0	23.1	18.4	18.1	18.3	15.0	12.2	13.1	11.7	9.6	10.5
21	22.0	21.1	21.4	18.8	18.3	18.5	12.2	10.4	11.2	11.5	10.6	10.9
22	21.7	21.2	21.4	18.3	17.1	17.6	11.2	8.7	9.7	11.6	10.9	11.2
23	22.9	21.3	21.8	17.9	16.9	17.2	9.1	7.5	8.2	13.7	11.6	12.5
24	23.2	22.4	22.8	18.0	16.8	17.6	9.2	8.7	9.0	14.6	13.4	14.0
25	23.2	22.3	22.7	16.9	15.8	16.4	9.3	8.9	9.0	13.6	12.7	13.1
26	23.6	22.3	22.6	17.1	16.3	16.6	9.8	9.0	9.3	15.7	13.1	14.3
27	24.8	23.1	23.9	18.2	16.7	17.4	10.2	9.8	10.0	15.7	13.1	14.3
28	24.7	23.5	24.1	19.0	17.7	18.2	10.3	7.9	8.7	13.4	11.8	12.5
29	23.5	20.7	21.8	18.0	17.0	17.4	8.1	7.2	7.6	13.5	12.5	12.8
30	20.7	19.3	20.1	17.7	16.1	17.0	9.9	7.7	8.6	13.6	13.4	13.5
31	20.5	19.3	20.0	---	---	---	11.0	9.8	10.2	15.0	13.5	14.3
MONTH	27.9	19.3	23.2	23.2	15.5	17.8	21.5	7.2	13.6	17.6	5.1	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.9	13.2	13.5	15.1	13.6	14.0	19.5	18.2	18.8	23.5	22.0	22.4
2	13.5	10.5	12.4	13.6	13.1	13.3	18.4	17.1	17.4	23.7	21.9	22.5
3	10.5	6.1	8.2	13.9	13.3	13.6	19.0	17.4	18.1	24.6	21.8	23.1
4	6.1	3.8	4.6	16.3	13.9	14.8	20.0	18.4	18.8	25.7	23.1	24.4
5	4.9	2.9	3.6	17.6	15.9	16.6	19.9	19.2	19.6	26.3	24.7	25.4
6	6.9	4.9	5.8	18.8	17.6	17.9	19.7	17.0	18.3	27.0	25.5	26.1
7	8.8	6.9	7.9	18.8	13.5	17.3	17.6	15.9	16.7	27.2	26.1	26.6
8	10.9	8.8	10.2	13.5	8.7	11.1	18.1	16.6	17.4	27.5	26.2	26.8
9	11.5	10.8	11.1	9.5	7.6	8.5	18.7	17.8	18.2	27.5	26.3	26.9
10	12.5	11.1	11.6	9.7	9.1	9.5	19.0	18.4	18.7	27.5	26.5	26.9
11	13.7	11.5	12.5	10.7	9.4	10.0	19.7	18.4	18.9	27.4	26.1	26.8
12	13.9	12.9	13.3	12.5	10.7	11.8	20.2	18.9	19.4	26.2	25.5	25.8
13	13.2	12.4	12.7	15.0	12.1	13.2	22.0	19.8	20.5	25.9	25.5	25.6
14	13.5	12.4	12.9	17.9	14.7	15.8	23.0	22.0	22.5	27.5	25.6	26.3
15	15.1	13.2	14.0	20.3	16.2	17.9	22.9	21.3	22.4	27.4	25.8	26.4
16	14.5	12.6	13.9	21.2	19.4	20.0	21.3	19.8	20.5	28.0	26.0	27.0
17	12.7	11.8	12.2	22.2	20.2	20.8	20.7	19.6	20.3	28.6	26.5	27.6
18	13.4	11.9	12.6	22.2	19.6	21.4	21.0	19.8	20.3	29.2	26.9	28.0
19	14.5	13.0	13.6	19.6	15.3	16.9	22.5	20.5	21.4	29.6	27.5	28.4
20	14.5	14.2	14.3	15.3	12.4	13.9	24.1	22.1	22.9	29.5	27.7	28.5
21	14.8	14.4	14.6	13.6	11.6	12.6	24.8	23.1	23.9	30.0	28.3	28.8
22	17.1	14.8	16.0	15.0	12.8	13.5	25.4	23.7	24.5	29.8	28.9	29.2
23	17.7	16.8	17.3	16.2	14.3	15.2	25.1	23.9	24.8	30.6	29.0	29.4
24	18.5	17.7	18.2	19.1	15.9	17.3	23.9	22.2	23.0	30.8	30.0	30.4
25	20.9	18.5	19.7	18.6	18.3	18.5	23.3	22.0	22.6	30.8	29.4	30.2
26	22.2	20.5	21.1	18.8	16.3	17.9	24.6	22.8	23.4	30.9	29.2	30.0
27	22.6	21.5	21.9	16.3	15.8	16.0	24.6	23.8	24.1	30.1	29.1	29.6
28	22.9	20.0	22.1	16.8	15.6	16.0	26.1	24.6	25.3	30.2	28.7	29.3
29	20.0	15.1	17.7	17.1	16.6	16.8	25.5	24.5	25.2	29.5	28.6	29.1
30	---	---	---	18.3	17.0	17.6	24.5	21.8	22.6	29.3	29.3	28.4
31	---	---	---	19.6	18.1	18.4	---	---	---	29.4	27.8	28.6
MONTH	22.9	2.9	13.4	22.2	7.6	15.4	26.1	15.9	21.0	30.9	21.8	27.2

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.4	27.9	28.7	30.7	29.3	30.0	29.7	29.2	29.5	29.3	29.0	29.2
2	28.7	27.9	28.2	30.9	29.6	30.3	29.2	28.5	29.0	29.4	28.6	28.9
3	28.2	27.3	27.7	31.4	30.3	30.6	29.2	28.5	28.9	29.7	28.8	29.3
4	29.8	27.5	28.3	31.9	30.8	31.2	29.3	29.1	29.1	29.8	29.6	29.7
5	29.7	28.0	28.7	31.6	31.3	31.5	30.5	29.3	30.2	30.2	29.8	29.9
6	29.2	28.1	28.5	31.8	30.5	31.0	30.1	29.6	29.8	30.1	29.5	29.9
7	28.9	27.9	28.6	31.4	29.6	30.7	30.2	29.3	29.8	30.0	29.8	29.9
8	27.9	26.8	27.3	29.6	28.4	28.8	30.4	29.3	29.8	30.7	30.0	30.3
9	27.2	26.0	26.6	29.5	28.1	28.6	30.5	29.9	30.1	30.5	30.2	30.3
10	27.2	25.8	26.4	30.0	28.8	29.3	30.2	29.4	29.8	30.4	30.1	30.2
11	28.3	26.7	27.3	30.9	29.1	29.7	30.0	29.3	29.7	30.3	30.1	30.3
12	28.7	27.6	28.1	31.5	29.5	30.1	29.8	28.6	29.0	30.4	30.2	30.3
13	28.4	27.7	28.0	31.5	29.9	30.6	29.0	27.9	28.6	30.5	30.3	30.4
14	29.5	27.7	28.4	30.8	29.7	30.1	29.1	28.6	28.9	30.5	29.4	29.9
15	29.8	28.2	28.9	30.6	29.2	29.8	29.6	29.0	29.3	29.4	28.5	28.9
16	30.0	29.0	29.4	31.0	29.4	30.1	---	---	---	29.3	28.4	28.9
17	30.7	29.4	30.1	31.2	29.7	30.4	---	---	---	30.1	28.4	29.0
18	31.2	29.8	30.4	31.0	29.6	30.2	---	---	---	29.7	28.7	29.1
19	30.5	29.4	30.0	30.7	29.5	30.1	---	---	---	29.3	28.7	29.0
20	30.1	29.1	29.7	31.7	30.0	30.5	31.0	29.9	30.4	28.7	26.9	28.0
21	31.0	29.1	29.8	31.5	30.0	30.6	30.0	28.5	29.2	27.0	26.6	26.8
22	31.1	29.5	30.3	32.0	30.1	30.8	29.0	28.1	28.5	27.4	26.7	27.0
23	30.6	29.9	30.2	32.1	30.3	31.0	28.7	28.0	28.3	27.9	26.2	27.0
24	30.8	30.0	30.4	31.3	30.2	30.6	29.7	28.0	28.7	27.3	26.3	26.7
25	31.1	29.7	30.2	30.3	29.1	29.8	30.6	28.8	29.4	27.6	26.5	27.0
26	31.8	30.5	31.0	29.8	28.8	29.3	30.6	29.2	29.8	28.3	26.7	27.5
27	31.6	29.7	30.7	29.8	29.0	29.3	31.1	29.5	30.1	28.3	27.3	27.7
28	29.8	28.4	29.1	30.5	29.1	29.6	31.2	29.8	30.4	27.4	25.3	26.7
29	30.3	28.2	28.9	30.0	29.3	29.8	31.0	30.2	30.5	25.3	23.5	24.0
30	30.5	29.0	29.0	30.8	29.2	30.0	30.7	29.5	30.0	23.7	22.5	23.1
31	---	---	---	30.0	29.0	29.6	29.5	29.0	29.2	---	---	---
MONTH	31.8	25.8	29.0	32.1	28.1	30.1	31.2	27.9	29.5	30.7	22.5	28.5

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE

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.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is 16.37 ft below sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage-height, 19.11 ft, July 30, 1995; minimum recorded, 14.77 ft, Jan. 7, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage-height, 18.82 ft, Oct. 27, minimum recorded, 14.77 ft, Jan. 7.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	18.23	17.80	18.02	17.08	16.63	16.83	18.06	17.02	17.55
2	---	---	---	18.01	17.77	17.89	17.39	16.47	16.93	17.82	16.38	16.97
3	---	---	---	18.04	17.15	17.60	17.38	16.54	16.99	16.94	15.73	16.35
4	---	---	---	17.54	16.86	17.18	17.51	16.40	16.95	17.28	16.02	16.56
5	---	---	---	17.75	17.00	17.34	17.47	16.37	16.92	17.18	15.96	16.53
6	---	---	---	18.00	16.86	17.41	17.52	16.24	16.84	17.15	16.12	16.50
7	---	---	---	18.00	16.91	17.45	17.52	16.26	16.88	16.12	14.77	15.31
8	---	---	---	17.75	16.52	17.05	17.80	16.60	17.14	16.13	14.80	15.36
9	---	---	---	18.15	16.85	17.35	17.80	15.96	16.57	16.18	15.44	15.81
10	---	---	---	18.22	17.18	17.73	16.92	15.82	16.26	16.36	15.57	15.91
11	---	---	---	18.24	16.32	17.14	17.07	15.97	16.48	16.70	16.14	16.46
12	---	---	---	17.59	16.47	16.97	17.30	16.40	16.80	16.14	15.78	15.95
13	---	---	---	17.72	16.73	17.19	17.35	16.78	17.07	16.47	15.78	16.10
14	---	---	---	17.43	16.58	16.99	17.37	16.87	17.11	16.71	15.92	16.31
15	---	---	---	17.41	16.82	17.11	17.29	16.67	16.95	17.01	15.75	16.37
16	---	---	---	17.16	16.59	16.85	17.44	16.82	17.11	17.29	15.93	16.59
17	---	---	---	17.34	16.78	16.99	18.07	16.92	17.47	17.78	16.19	16.92
18	---	---	---	17.36	16.84	17.12	18.36	17.17	17.73	17.71	16.47	17.13
19	---	---	---	17.54	16.81	17.17	17.68	15.99	16.66	17.15	15.14	16.08
20	18.17	17.28	17.75	17.67	16.63	17.24	17.21	15.71	16.42	17.34	15.89	16.53
21	17.81	17.63	17.73	17.53	16.41	16.95	17.46	15.88	16.65	17.34	16.01	16.54
22	18.27	17.56	17.82	17.89	16.40	17.04	17.35	15.97	16.62	17.09	16.05	16.56
23	18.31	17.53	17.95	17.89	16.45	17.17	17.29	15.91	16.58	17.29	16.38	16.79
24	18.27	17.36	17.81	17.82	16.17	16.90	17.18	15.82	16.46	17.39	16.45	16.80
25	18.42	17.32	17.83	17.54	16.25	16.91	16.97	15.87	16.43	17.32	16.55	16.93
26	18.60	17.25	17.88	17.50	16.29	16.89	16.74	16.02	16.43	17.73	17.29	17.51
27	18.82	17.45	18.11	17.65	16.71	17.22	16.73	16.27	16.52	17.38	16.17	16.55
28	18.59	17.20	17.85	17.64	16.79	17.15	16.71	16.34	16.51	17.44	16.23	16.84
29	18.17	17.34	17.78	17.16	16.56	16.79	16.92	16.29	16.59	17.51	16.44	17.00
30	18.31	17.27	17.82	17.28	16.47	16.83	17.42	16.56	17.01	17.42	16.43	16.95
31	18.61	17.63	18.11	---	---	---	17.82	16.64	17.17	17.31	16.42	16.85
MONTH	---	---	---	18.24	16.17	17.19	18.36	15.71	16.81	18.06	14.77	16.54

MISSISSIPPI RIVER DELTA
073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	17.70	16.47	17.04	17.36	16.37	16.82	16.47	16.15	16.32	17.05	16.44	16.75
2	17.54	16.59	16.86	17.22	16.43	16.82	16.50	16.07	16.32	17.21	16.32	16.81
3	16.80	15.82	16.16	17.06	16.35	16.71	16.80	16.42	16.61	17.35	16.31	16.89
4	16.13	15.26	15.63	17.32	16.49	16.77	17.11	16.42	16.79	17.53	16.38	16.99
5	16.61	15.51	15.98	17.43	17.05	17.20	17.27	16.50	16.93	17.55	16.37	17.00
6	16.85	16.03	16.42	17.47	17.16	17.25	17.14	16.01	16.71	17.54	16.36	16.98
7	17.04	16.52	16.77	17.42	15.43	16.41	17.34	15.99	16.74	17.66	16.35	17.07
8	17.05	16.67	16.82	15.90	15.37	15.67	17.58	16.47	17.06	17.73	16.64	17.24
9	16.90	16.57	16.76	16.40	15.35	15.93	17.41	16.36	16.93	17.89	16.84	17.40
10	17.11	16.63	16.87	16.53	15.62	16.06	17.43	16.50	17.00	17.59	17.01	17.29
11	16.93	16.16	16.63	16.53	15.61	16.13	17.38	16.50	17.00	17.29	16.75	16.99
12	16.86	15.75	16.30	17.08	15.85	16.51	17.42	16.61	17.02	16.79	16.58	16.67
13	16.89	15.99	16.46	17.26	15.94	16.64	17.39	16.78	17.04	17.06	16.56	16.81
14	17.29	15.96	16.62	17.42	16.19	16.84	17.55	16.91	17.19	17.09	16.57	16.85
15	17.52	16.17	16.81	17.48	16.36	16.95	17.52	16.14	16.75	17.47	16.46	17.05
16	17.08	15.45	16.08	17.57	16.61	17.05	16.81	16.20	16.54	17.50	16.58	17.07
17	16.86	15.62	16.21	17.64	16.95	17.25	17.22	16.49	16.88	17.66	16.65	17.17
18	17.12	15.68	16.31	17.61	15.33	16.79	17.44	16.67	17.07	17.63	16.44	17.12
19	17.29	16.47	16.86	16.04	15.35	15.82	17.63	16.71	17.20	17.58	16.44	17.07
20	17.29	16.64	16.86	15.95	15.07	15.53	17.76	16.84	17.32	17.73	16.61	17.22
21	16.93	16.48	16.66	16.12	15.42	15.76	17.84	16.84	17.37	17.64	16.62	17.17
22	16.95	16.49	16.78	16.50	15.48	16.07	17.93	17.04	17.53	17.39	16.52	16.96
23	16.84	16.45	16.65	17.08	15.72	16.54	17.58	16.34	17.05	17.36	16.57	16.97
24	17.03	16.34	16.67	17.61	16.48	17.12	17.36	16.21	16.83	17.32	16.62	16.98
25	17.19	16.25	16.76	17.52	16.70	17.06	17.37	16.58	17.01	17.35	16.78	17.14
26	17.29	16.49	16.89	17.49	16.74	17.09	17.18	16.62	16.91	17.56	17.13	17.35
27	17.41	16.68	17.04	17.14	16.13	16.75	17.08	16.49	16.83	17.78	17.26	17.48
28	16.91	16.40	16.67	17.34	16.53	16.95	17.51	16.95	17.22	17.68	17.00	17.36
29	16.94	16.02	16.50	17.34	16.35	16.92	17.60	16.32	17.25	17.80	16.80	17.35
30	---	---	---	17.45	16.95	17.19	16.73	15.96	16.40	17.68	16.66	17.21
31	---	---	---	17.27	16.47	17.02	---	---	---	17.96	16.63	17.33
MONTH	17.70	15.26	16.59	17.64	15.07	16.63	17.93	15.96	16.93	17.96	16.31	17.09
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.17	16.76	17.53	17.73	16.41	17.11	17.77	16.87	17.30	17.65	17.25	17.45
2	18.12	16.64	17.52	17.85	16.43	17.19	17.42	16.99	17.24	17.73	17.08	17.42
3	17.90	16.56	17.31	17.66	16.54	17.11	17.30	17.07	17.20	17.79	16.86	17.31
4	17.76	16.48	17.17	17.50	16.52	17.05	17.38	17.00	17.19	17.66	16.93	17.33
5	17.69	16.51	17.14	17.33	16.67	17.04	17.60	17.04	17.35	17.82	16.99	17.43
6	17.64	16.69	17.19	17.15	16.87	17.05	17.86	17.02	17.48	17.79	16.78	17.33
7	17.51	16.83	17.13	17.41	17.04	17.24	18.09	17.26	17.68	17.58	16.74	17.22
8	17.15	16.61	16.89	17.49	16.68	17.15	18.00	16.93	17.52	17.66	16.73	17.25
9	16.84	16.53	16.66	17.27	16.40	16.88	17.64	16.58	17.22	17.57	16.81	17.20
10	16.95	16.43	16.71	17.13	16.20	16.74	17.66	16.76	17.22	17.41	16.86	17.15
11	17.33	16.66	17.00	17.36	16.21	16.83	17.74	16.72	17.21	17.60	16.91	17.26
12	17.71	16.69	17.23	17.27	16.28	16.80	17.41	16.48	17.05	17.62	17.14	17.39
13	17.67	16.47	17.14	17.38	16.37	16.89	17.40	16.55	17.04	17.59	17.26	17.43
14	17.53	16.46	17.03	17.66	16.40	17.10	17.43	16.75	17.11	17.76	17.44	17.58
15	17.57	16.44	17.04	17.63	16.59	17.12	17.56	16.77	17.23	18.18	17.69	17.86
16	17.50	16.42	16.99	17.78	16.62	17.30	17.48	16.87	17.22	18.32	17.60	17.91
17	17.59	16.41	17.02	18.07	17.02	17.61	17.61	17.15	17.42	17.94	17.08	17.48
18	17.59	16.57	17.09	17.91	17.26	17.60	17.59	17.35	17.47	17.89	16.96	17.40
19	17.47	16.57	17.02	17.60	16.96	17.37	17.60	17.19	17.40	17.92	16.91	17.44
20	17.40	16.59	17.01	17.27	16.86	17.09	18.04	17.50	17.74	18.13	17.04	17.62
21	17.37	16.61	17.02	17.19	16.71	16.99	18.41	17.84	18.06	18.34	17.09	17.73
22	17.24	16.69	16.97	17.06	16.65	16.86	18.75	17.98	18.37	17.87	16.89	17.42
23	17.12	16.68	16.96	16.94	16.51	16.75	18.58	17.48	18.07	17.89	17.02	17.47
24	17.17	16.68	16.92	17.20	16.44	16.84	18.36	17.11	17.80	17.91	17.19	17.55
25	17.12	16.64	16.88	17.40	16.33	16.91	18.25	17.05	17.69	17.78	17.38	17.55
26	17.24	16.39	16.82	17.56	16.34	16.97	18.08	16.92	17.57	18.06	17.57	17.81
27	17.54	16.16	16.86	17.88	16.61	17.26	18.04	16.93	17.52	18.13	17.73	17.90
28	17.34	16.16	16.77	18.01	16.67	17.36	17.93	16.93	17.46	18.13	17.17	17.59
29	17.64	16.30	17.01	18.07	16.74	17.43	17.66	16.95	17.31	17.89	17.02	17.42
30	17.62	16.31	17.04	18.07	16.76	17.47	17.71	17.12	17.46	18.11	17.24	17.62
31	---	---	---	18.02	16.90	17.42	17.53	17.20	17.39	---	---	---
MONTH	18.17	16.16	17.04	18.07	16.20	17.11	18.75	16.48	17.45	18.34	16.73	17.48

MISSISSIPPI RIVER DELTA
073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE--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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 35,400 microsiemens, Mar. 13, 1995; minimum daily, 1,150 microsiemens, July 3, 1995.

WATER TEMPERATURES: Maximum daily, 35.2° C, Aug. 9, 1995; minimum daily, 8.5° C, Jan. 5, 1995.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 45,100 microsiemens, Mar. 24; minimum daily, 2,670 microsiemens, Aug. 13.

WATER TEMPERATURE: Maximum daily, 33.6° C, June 26, 27; minimum daily mean, 1.8° C, Feb. 4, 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	37100	33200	35300	22500	19800	21200	33400	22000	28000
2	---	---	---	37800	34300	36200	25600	20100	22400	32400	23200	27300
3	---	---	---	35200	25800	31600	27600	22100	24400	23200	16100	18800
4	---	---	---	25800	16900	19900	28000	22200	24600	21300	16300	17900
5	---	---	---	19100	17000	17900	31400	23300	26400	23200	17700	20000
6	---	---	---	25100	17800	19900	33100	24600	27900	23200	12700	19300
7	---	---	---	25400	21400	23100	33100	23400	27400	13600	7680	9610
8	---	---	---	24700	18600	20400	30200	25000	26900	8210	7010	7610
9	---	---	---	26300	20100	21800	30500	16800	24400	10400	7510	8510
10	---	---	---	36100	25500	29300	16800	11000	13200	12700	8810	9930
11	---	---	---	37300	25400	30600	13900	11500	12600	19900	12000	15800
12	---	---	---	26200	20200	22600	21500	13900	16100	17600	14100	15500
13	---	---	---	24700	22400	23400	25600	17600	21700	18200	12200	14700
14	---	---	---	24700	18200	20700	29300	25000	26900	27100	15700	20700
15	---	---	---	21900	19800	21200	31200	25800	27900	26800	20700	23600
16	---	---	---	23200	19500	20700	30400	25700	28100	28000	22800	25600
17	---	---	---	22900	20700	21300	34200	28600	31400	32300	25900	28300
18	---	---	---	24300	21400	22600	37500	31800	34200	33400	27100	31800
19	---	---	---	25800	21600	23600	37200	22700	28300	27100	20500	23000
20	28000	21800	24300	28000	22500	25300	22700	17000	19200	23700	20300	21900
21	23300	19900	21600	27500	22800	24300	19400	15500	17200	24500	21400	22400
22	31500	21900	24400	26600	20700	23000	19700	14400	16300	25000	21800	23100
23	33200	26900	29700	31000	23200	25700	16200	13200	14500	28700	22000	24900
24	33600	28100	30900	30900	22300	25300	16400	12800	14200	30400	22100	25600
25	34200	29500	31200	26400	20800	23200	16400	12900	14300	24800	21800	22900
26	34700	29300	31800	27600	22200	24900	15600	13200	14300	34400	24800	29400
27	38200	33000	35200	30200	27600	29000	15400	13000	14100	32600	21900	26400
28	40700	31800	35500	33200	28600	30900	16200	14500	15800	24900	19700	22100
29	36200	29800	32400	30300	20700	24300	16900	11900	14400	26200	22400	24200
30	33800	28700	31900	22000	18900	20500	23100	16000	18500	27300	23000	24700
31	35400	31500	33400	---	---	---	27600	18300	21400	26700	23900	25000
MONTH	---	---	---	37800	16900	24600	37500	11000	21300	34400	7010	21200

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	25700	21500	23200	20200	17400	18300	30300	22700	25900	23800	21400	22700
2	25200	15200	20000	21200	18200	19500	23200	21400	22300	25600	22200	23900
3	15200	7550	10700	23000	19300	20700	25500	22600	24400	27100	22500	25300
4	8530	6780	7530	24400	20700	22100	28900	24600	26800	29200	24200	26800
5	7680	6750	7170	27100	24300	25300	29800	25600	28100	29900	25100	27900
6	10700	7370	8380	32500	27000	29500	27400	20300	24400	31500	26600	29600
7	14700	8670	11000	32800	21800	27400	24200	19900	22000	31800	27800	29900
8	16800	11500	15100	22700	11900	16900	26200	22000	24300	31300	29300	30300
9	21900	14400	17900	12700	10600	11700	26700	23000	24600	32200	28200	29700
10	24900	15900	19600	13400	11600	12400	26600	23200	25300	30700	28700	29700
11	21000	17000	19000	15500	12700	13600	26800	24700	25600	30300	27100	28600
12	17300	13500	15700	21200	13500	17100	27800	25200	26400	27100	20800	23100
13	19000	14600	16600	28600	17600	22600	28900	26000	26800	23800	20000	22000
14	23200	15600	18700	34400	22700	27800	30900	26100	28800	24400	19900	22500
15	26400	18300	22400	38000	27300	32600	31100	24100	27300	28000	23100	25500
16	26300	13900	18900	40700	32800	36500	25800	22800	24200	29500	24300	27300
17	18400	13600	15100	39700	37500	38500	26500	22800	25200	28800	24300	27200
18	22400	14000	16900	40300	30000	38000	28600	25800	27500	29200	25200	27700
19	27900	19600	23700	30000	23100	26100	29900	26300	28300	30100	24200	27300
20	28000	24500	26400	23100	16500	18800	32900	28500	31100	29100	25100	27600
21	27800	24600	26600	20600	16400	17700	32500	30600	31400	28700	25800	27300
22	30500	25300	28100	23700	15500	20500	33000	30400	31800	28700	23600	26500
23	31200	25400	28100	29400	20900	26400	32800	28700	31400	28800	21800	25200
24	28900	24600	26900	45100	29300	37700	29200	26800	28000	28300	22800	26200
25	29100	25500	27300	43000	35000	39100	30200	26300	28400	30300	25500	28500
26	32100	28100	29600	41100	37900	39300	30100	26300	28000	32200	29600	30900
27	32800	30300	31900	38200	31300	33900	29100	23900	26500	32900	29400	31100
28	32700	26300	29200	35600	30500	33100	33600	27600	30800	34600	29000	31900
29	26300	18100	20500	34700	31400	33100	34000	26600	32700	32700	29200	31500
30	---	---	---	35800	32900	34600	26600	19900	23000	30300	27700	29300
31	---	---	---	35400	30300	34200	---	---	---	29000	27000	28100
MONTH	32800	6750	20100	45100	10600	26600	34000	19900	27000	34600	19900	27500
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	29700	27200	28300	12400	7610	10400	12200	9970	11100	14900	13400	14000
2	29600	26300	27800	13800	8700	11300	11100	7600	9780	16200	13100	14400
3	28700	25500	27000	12900	9420	11200	8860	6160	6970	17400	12000	14400
4	28400	24700	26000	12000	9180	10400	8660	6690	7930	15500	12600	14400
5	27500	23600	25700	10500	8940	9650	11300	8030	9710	18100	14600	16600
6	27700	23700	25600	11000	9360	10300	12600	9530	11400	18800	14100	16600
7	27700	23700	25000	15100	10700	13000	13900	10600	12600	17300	13700	15800
8	23800	17900	20100	17200	9970	14500	13900	9640	12200	20100	13900	16900
9	18400	15900	17200	10400	7990	9580	10700	5600	8970	21400	13800	17400
10	18400	15500	16800	9430	6240	8360	9660	5550	7410	18800	15000	17000
11	21700	17500	20100	9210	5710	7780	8690	4810	6810	20400	15000	17700
12	26200	21300	23200	9580	5850	7370	5630	2830	4750	24100	17300	20300
13	26400	20600	23400	10200	5640	7920	4890	2670	3840	24100	19200	20800
14	24600	19900	22400	11300	5470	8950	4630	3320	4050	23600	20800	22300
15	24800	19100	22000	14400	8610	10900	7290	3600	5040	27100	23000	25200
16	21900	17800	19600	15200	8190	12000	9500	3910	6100	27900	26000	27200
17	21700	16800	19500	17900	11700	14800	12700	5470	8450	27500	22200	24100
18	21800	17300	19600	19000	15900	17100	11000	8930	10100	25200	19900	22600
19	20700	17300	18800	16600	12600	15400	10800	9110	9850	24700	20300	22500
20	19200	16100	17400	13500	11300	12900	18300	10800	15100	25900	19300	23300
21	20100	15000	17300	11300	9120	10400	23100	17400	19100	26300	20700	24000
22	17800	14200	15700	9120	7580	8270	25400	21300	23700	22500	19700	21200
23	15500	10800	13700	8760	6180	7020	26700	20200	24200	23300	20200	21700
24	17400	10900	13700	10500	6510	8440	24000	20600	22500	24200	20400	22300
25	13800	10900	12300	12100	5970	9280	23300	20500	21800	24200	20300	22600
26	13900	9580	11800	11000	6150	8880	23100	18100	21000	25900	22000	24100
27	14400	7610	11300	13200	8180	10700	22200	17600	19700	29000	24900	26500
28	10000	6370	8440	13000	8460	11100	20700	15600	18100	26700	22700	24500
29	11400	7190	9540	13900	9140	11400	17500	13900	15900	24300	15600	19600
30	11000	7540	9610	14600	9540	12000	15900	14700	15300	19800	18100	19100
31	---	---	---	15300	10600	12600	15500	12500	13800	---	---	---
MONTH	29700	6370	19000	19000	5470	10800	26700	2670	12500	29000	12000	20300

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	22.3	20.3	21.2	16.5	15.0	15.7	12.7	10.6	11.5
2	---	---	---	23.7	21.7	22.9	17.5	15.6	16.6	12.9	11.5	12.4
3	---	---	---	23.3	19.5	22.2	18.6	17.0	17.8	11.5	9.5	10.1
4	---	---	---	19.5	15.6	16.7	20.0	18.4	19.1	10.3	8.6	9.5
5	---	---	---	15.8	14.8	15.4	21.5	19.6	20.7	12.2	9.7	10.9
6	---	---	---	17.6	15.2	16.1	22.1	21.0	21.6	12.2	10.6	11.9
7	---	---	---	19.3	17.6	18.3	21.8	19.1	20.8	10.6	5.7	7.6
8	---	---	---	19.0	17.6	18.2	19.3	18.5	19.0	5.7	2.2	4.2
9	---	---	---	17.8	16.6	17.2	19.1	13.4	16.8	6.9	4.0	5.6
10	---	---	---	19.4	17.3	18.2	13.4	8.0	9.8	8.7	6.1	7.1
11	---	---	---	19.6	16.9	19.0	9.5	8.5	9.0	10.8	8.7	9.9
12	---	---	---	16.9	15.4	15.9	11.5	9.1	10.1	10.8	9.3	10.0
13	---	---	---	16.8	14.6	15.7	13.1	11.5	11.9	11.5	9.6	10.7
14	---	---	---	16.5	15.4	16.0	14.2	12.4	13.1	13.3	11.0	12.1
15	---	---	---	16.4	14.8	15.5	16.7	13.8	15.0	14.8	12.7	13.6
16	---	---	---	17.4	15.6	16.5	17.8	15.3	16.7	16.1	14.0	15.0
17	---	---	---	17.8	16.5	17.1	19.0	17.6	18.2	17.1	15.5	16.2
18	---	---	---	18.4	17.4	17.8	20.0	18.4	19.2	18.3	15.2	17.3
19	---	---	---	18.7	17.8	18.2	19.7	14.5	16.7	15.2	8.3	11.0
20	24.1	22.2	23.5	18.8	18.2	18.5	14.5	10.8	12.2	11.0	9.2	10.1
21	22.2	20.9	21.2	19.1	18.3	18.6	10.8	9.3	10.0	11.5	10.5	10.9
22	21.5	20.0	20.8	18.3	16.8	17.3	9.9	7.5	8.6	13.0	10.9	11.8
23	23.0	21.1	21.8	18.4	16.8	17.5	7.7	6.5	7.0	15.0	12.7	13.5
24	24.2	22.8	23.3	18.4	16.5	17.6	7.6	6.0	7.0	15.4	13.9	14.7
25	23.8	22.5	23.1	16.5	15.2	15.9	8.2	6.8	7.5	13.9	12.4	13.1
26	24.2	22.4	23.1	17.7	15.8	16.4	8.3	7.2	7.9	15.7	13.4	14.4
27	25.3	23.7	24.3	18.4	16.6	17.4	8.8	7.5	8.2	15.7	12.8	13.8
28	25.3	23.7	24.5	19.7	18.1	18.7	8.5	7.0	7.7	12.8	11.4	12.1
29	23.7	20.2	21.7	18.7	16.2	17.4	7.6	5.9	6.8	13.6	12.0	12.7
30	20.3	18.9	19.7	16.2	14.9	15.7	9.5	7.1	8.1	15.5	13.1	14.2
31	20.6	19.1	19.8	---	---	---	10.7	9.1	9.7	15.5	14.2	15.1
MONTH	---	---	---	23.7	14.6	17.6	22.1	5.9	13.2	18.3	2.2	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.2	13.2	13.5	14.0	12.0	12.6	20.1	16.8	18.4	23.8	21.0	22.2
2	13.2	9.2	11.7	13.6	11.4	12.2	18.5	16.5	17.7	23.9	21.4	22.6
3	9.2	5.8	7.0	15.6	12.3	13.8	19.2	17.1	18.2	24.9	22.3	23.6
4	6.2	1.8	3.8	16.9	14.3	15.6	20.3	18.5	19.2	25.7	23.6	24.7
5	4.9	1.8	3.6	18.8	16.6	17.5	20.1	19.4	19.8	26.6	25.1	25.8
6	7.1	3.9	5.3	20.4	18.8	19.6	19.5	15.9	17.7	27.1	25.7	26.4
7	10.7	6.9	8.0	20.4	11.5	16.9	17.7	14.7	16.0	27.7	26.0	26.8
8	10.6	9.8	10.2	11.5	8.2	9.8	18.3	15.9	17.1	27.5	26.1	26.8
9	12.6	9.9	10.9	9.5	7.1	7.9	19.3	17.5	18.4	27.5	25.9	26.7
10	16.0	11.2	13.3	9.3	6.9	8.1	19.5	18.2	18.8	27.7	25.9	26.8
11	15.9	12.9	15.1	11.1	7.6	9.1	20.4	18.2	19.2	27.4	26.3	26.8
12	14.1	11.8	12.7	14.2	9.4	11.4	20.8	19.1	20.0	27.0	24.9	25.9
13	13.1	11.2	12.3	15.9	11.9	14.0	23.2	20.3	21.6	28.4	25.3	26.4
14	14.2	12.0	13.0	18.7	15.4	17.0	24.0	22.5	23.2	28.3	26.5	27.2
15	16.2	13.9	14.9	20.3	18.1	19.1	23.9	21.0	22.6	28.5	26.0	27.0
16	15.6	12.1	13.7	21.3	19.8	20.6	21.8	19.0	20.2	28.5	26.5	27.5
17	12.5	10.3	11.6	22.5	20.9	21.7	20.4	19.3	20.0	28.8	26.8	27.8
18	14.2	11.4	12.6	22.4	17.9	21.5	20.6	19.5	20.0	29.4	27.4	28.3
19	15.7	13.9	14.7	17.9	14.8	16.1	22.5	20.5	21.5	29.4	28.0	28.7
20	17.4	15.7	16.2	15.5	12.8	13.9	24.4	22.2	23.3	29.3	27.7	28.6
21	18.5	16.7	17.5	13.5	11.1	12.5	25.1	23.4	24.2	30.2	28.1	28.9
22	19.1	17.9	18.5	14.6	11.9	13.5	25.4	23.8	24.6	30.6	28.7	29.6
23	20.1	18.8	19.4	16.5	13.7	15.3	25.1	23.2	24.6	31.9	29.0	30.2
24	21.3	19.6	20.3	19.1	15.9	17.5	23.2	21.0	22.3	31.0	29.5	30.3
25	22.0	20.3	21.1	20.3	18.6	19.4	23.0	21.2	22.1	31.0	29.4	30.2
26	23.0	21.2	22.1	19.7	16.6	18.3	24.6	22.5	23.4	30.7	29.3	30.0
27	23.3	21.8	22.7	16.6	14.5	15.3	26.4	23.9	24.9	29.9	29.0	29.6
28	23.2	20.0	22.4	17.4	15.5	16.3	26.6	24.8	25.8	30.5	28.8	29.5
29	20.0	14.0	16.2	17.3	16.7	17.0	26.1	23.8	25.6	29.6	28.6	29.2
30	---	---	---	18.5	17.2	17.8	23.8	20.1	21.6	29.5	27.6	28.5
31	---	---	---	20.9	18.2	19.5	---	---	---	29.3	28.0	28.7
MONTH	23.3	1.8	13.9	22.5	6.9	15.5	26.6	14.7	21.1	31.9	21.0	27.5

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.9	27.8	28.4	31.0	29.3	30.1	29.5	28.7	29.0	29.3	28.5	29.0
2	28.2	27.3	27.8	31.2	29.5	30.4	28.9	28.2	28.5	30.0	28.1	29.1
3	29.5	27.0	27.7	31.9	30.1	31.0	30.2	28.5	29.3	30.2	29.0	29.6
4	29.4	27.7	28.4	32.2	30.8	31.4	31.8	29.2	29.9	30.5	28.8	29.7
5	29.8	28.0	28.9	32.1	31.0	31.5	31.1	30.5	30.8	30.4	29.8	30.0
6	29.8	28.1	28.9	32.9	30.5	31.4	30.6	29.7	30.1	30.0	29.4	29.7
7	28.9	27.6	28.2	31.7	29.7	30.7	30.4	29.2	29.8	30.9	28.7	29.6
8	27.6	26.7	27.1	29.7	28.2	28.8	31.5	29.2	30.1	30.6	29.3	29.9
9	28.0	25.8	26.8	29.4	27.8	28.4	31.6	30.2	30.8	30.4	29.4	29.9
10	29.7	26.3	27.3	30.3	28.7	29.4	30.6	29.2	30.0	31.1	29.0	29.9
11	29.7	26.5	28.0	32.8	29.0	30.1	30.2	29.2	29.6	30.8	29.4	30.1
12	29.2	27.6	28.5	32.4	30.1	31.0	30.0	28.6	29.1	32.1	29.8	30.6
13	28.9	28.0	28.4	31.7	30.5	31.1	29.7	28.2	28.9	31.9	29.7	30.7
14	30.3	27.9	28.8	31.0	29.7	30.4	30.0	28.3	29.0	30.3	29.2	29.8
15	31.4	28.7	29.7	31.2	29.3	30.1	30.2	28.9	29.5	29.2	28.3	28.6
16	30.7	29.1	29.8	31.7	29.6	30.5	31.8	29.1	30.1	29.2	28.0	28.5
17	31.5	29.5	30.5	31.0	29.9	30.5	31.6	29.5	30.4	30.6	28.4	29.4
18	31.1	29.9	30.7	30.7	29.5	30.0	31.2	29.6	30.3	30.2	28.9	29.6
19	30.8	29.5	30.0	31.6	29.5	30.2	31.3	29.8	30.5	29.6	28.2	28.9
20	30.1	29.0	29.5	31.9	30.1	30.8	31.0	29.8	30.3	28.4	27.0	27.9
21	30.8	28.9	29.8	32.4	29.8	30.9	29.8	28.3	29.0	27.0	26.2	26.7
22	31.4	29.5	30.4	32.0	30.1	31.0	29.0	27.6	28.2	27.4	25.8	26.6
23	32.2	30.0	30.7	32.3	30.4	31.3	29.0	27.8	28.3	27.9	26.0	27.0
24	32.0	30.0	30.9	31.3	30.5	30.8	30.4	28.2	29.1	28.7	26.4	27.1
25	32.9	29.7	30.9	30.5	29.5	29.9	30.7	29.1	30.0	28.4	26.8	27.5
26	33.6	30.9	31.9	29.6	28.8	29.2	31.5	29.4	30.1	28.2	27.2	27.6
27	33.6	29.0	31.3	30.4	29.0	29.4	31.5	29.2	30.1	28.4	27.5	27.9
28	29.0	27.7	28.4	30.8	29.2	29.8	31.7	29.7	30.5	27.7	24.8	26.4
29	30.4	27.8	28.9	30.2	29.2	29.6	31.3	29.3	30.3	24.8	22.4	23.3
30	31.0	29.2	29.9	30.7	28.8	29.5	30.6	29.4	29.8	23.5	22.1	22.7
31	---	---	---	30.1	29.0	29.5	29.5	28.6	29.0	---	---	---
MONTH	33.6	25.8	29.2	32.9	27.8	30.3	31.8	27.6	29.7	32.1	22.1	28.4

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE

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.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is sea level (levels determined by Global Positioning System).

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 3.69 ft, Aug. 25, 1992; minimum recorded, -1.45 ft, Jan. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 2.52 ft, Oct. 4; minimum recorded, -1.45 ft, Jan. 19.

ELEVATION (IN FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.44	.93	1.64	1.43	.93	1.18	.53	.07	.29	1.61	.26	1.01
2	2.45	.90	1.69	1.43	.91	1.06	.89	-.08	.40	1.07	.13	.60
3	2.28	1.12	1.76	1.30	.48	.86	.93	-.07	.45	.51	-.78	-.04
4	2.52	1.31	1.88	.85	.09	.50	1.06	-.21	.42	1.03	-.59	.16
5	2.09	1.15	1.67	1.00	.14	.55	1.09	-.25	.42	.97	-.56	.16
6	1.86	.69	1.47	1.20	-.05	.57	1.21	-.40	.36	1.08	-.15	.40
7	1.26	.46	.90	1.17	.12	.65	1.06	-.26	.37	.50	-.85	-.31
8	1.22	.44	.86	1.04	-.47	.28	1.39	-.11	.60	.05	-1.24	-.62
9	1.17	.22	.71	1.35	-.11	.54	1.27	-.38	.21	.00	-.83	-.44
10	1.37	.13	.68	1.49	.14	.81	.52	-.63	-.04	.14	-.71	-.36
11	1.64	.49	.98	1.49	-.59	.44	.69	-.73	-.08	.49	.02	.23
12	1.77	.51	1.11	1.10	-.29	.31	.88	-.28	.22	.02	-.43	-.20
13	1.84	.66	1.20	1.10	-.12	.43	.88	.21	.52	.22	-.49	-.16
14	1.75	.17	.93	.88	-.07	.44	.87	.32	.60	.41	-.39	-.01
15	1.22	.34	.80	.82	.14	.44	.71	.13	.40	.74	-.61	.03
16	1.33	.17	.72	.55	.02	.25	.91	.34	.60	.99	-.54	.21
17	1.08	.47	.78	.79	.15	.40	1.66	.35	.93	1.43	-.33	.55
18	1.33	.64	.98	.84	.28	.55	2.11	.53	1.21	1.82	.02	.87
19	1.25	.97	1.12	1.03	.19	.60	.97	-.11	.42	.90	-1.45	-.21
20	1.27	.65	1.00	1.29	-.02	.70	.86	-.91	-.02	1.00	-.72	.11
21	.91	.79	.85	1.19	-.25	.47	1.13	-.88	.10	.86	-.50	.12
22	1.19	.46	.79	1.44	-.32	.50	1.01	-.90	.06	.73	-.43	.12
23	1.34	.41	.88	1.47	-.24	.61	.86	-.79	.04	.99	-.07	.41
24	1.45	.29	.85	1.40	-.50	.40	.79	-.77	-.11	1.27	.11	.44
25	1.62	.24	.90	1.36	-.31	.43	.54	-.73	-.13	.85	.22	.52
26	1.90	.04	.86	1.25	-.29	.43	.32	-.56	-.08	1.35	.39	1.06
27	2.01	.42	1.19	1.32	.16	.78	.31	-.19	.04	.53	-.22	.16
28	1.90	.18	.94	1.32	.36	.79	.32	-.11	.07	1.07	-.33	.41
29	1.53	.22	.86	1.07	.09	.47	.42	-.29	.10	1.18	-.06	.59
30	1.48	.28	.88	.83	-.01	.39	.92	-.06	.47	1.08	-.02	.54
31	1.73	.69	1.18	---	---	---	1.23	-.02	.64	.99	.09	.52
MONTH	2.52	.04	1.07	1.49	-.59	.56	.31	-.91	.31	1.82	-1.45	.22

MISSISSIPPI RIVER DELTA
073802515 BARATARIA BAY PASS EAST OF GRAND ISLE--Continued
ELEVATION, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.24	1.42	-.05	.68	1.09	-.01	.53	---	---	---	---	---
2	.65	.13	.69	.74	.07	.40	---	---	---	---	---	---
3	.65	-.33	.04	.53	-.14	.20	.61	.15	.33	---	---	---
4	-.08	-1.05	-.54	.75	-.06	.21	---	---	---	---	---	---
5	.22	-.98	-.43	.91	.45	.63	---	---	---	---	---	---
6	.34	-.43	-.07	.97	.69	.80	1.24	-.13	.59	---	---	---
7	.61	-.01	.28	1.31	-.46	.26	---	---	---	---	---	---
8	.61	.18	.35	.04	-.72	-.30	---	---	---	---	---	---
9	.41	.13	.29	---	---	---	---	---	---	---	---	---
10	.69	.16	.41	---	---	---	---	---	---	---	---	---
11	.72	-.47	.28	.36	-.45	-.04	---	---	---	---	---	---
12	.59	-.69	.01	.85	-.33	.30	---	---	---	---	---	---
13	.48	-.55	-.02	.95	-.23	.37	---	---	---	---	---	---
14	.85	-.50	.21	1.18	-.02	.59	---	---	---	---	---	---
15	1.22	-.34	.41	1.26	.09	.69	---	---	---	---	---	---
16	.18	-.76	-.32	1.36	.31	.83	---	---	---	---	---	---
17	.45	-.98	-.29	1.46	.68	1.04	---	---	---	---	---	---
18	.63	-.82	-.19	1.35	.14	.88	---	---	---	---	---	---
19	.88	-.08	.34	.33	-.21	.02	---	---	---	---	---	---
20	.83	.15	.33	.06	-.80	-.34	---	---	---	---	---	---
21	.38	-.03	.09	.07	-.60	-.28	---	---	---	---	---	---
22	.49	-.10	.26	.26	-.50	-.14	---	---	---	---	---	---
23	.31	-.17	.08	.71	-.42	.23	---	---	---	---	---	---
24	.45	-.39	.08	1.16	.00	.66	---	---	---	---	---	---
25	.60	-.42	.14	1.18	.28	.72	---	---	---	---	---	---
26	.65	-.22	.22	1.27	.35	.75	---	---	---	---	---	---
27	.90	-.14	.41	1.11	.22	.69	---	---	---	---	---	---
28	.72	-.24	.25	1.06	.33	.71	---	---	---	---	---	---
29	.92	-.37	.26	1.08	.20	.70	---	---	---	---	---	---
30	---	---	---	1.15	.64	.90	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	1.42	-1.05	.15	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	1.41	.05	.68	1.38	.31	.86	1.28	.79	1.00
2	---	---	---	1.51	-.02	.75	1.05	.51	.82	1.32	.68	.99
3	---	---	---	1.32	.08	.71	.92	.63	.76	1.41	.43	.87
4	---	---	---	1.17	.08	.70	.89	.53	.69	1.33	.60	.92
5	---	---	---	1.00	.22	.67	1.07	.51	.78	1.39	.53	.96
6	---	---	---	.74	.40	.61	1.29	.44	.85	1.34	.22	.78
7	---	---	---	.90	.58	.73	1.52	.59	1.05	1.15	.39	.76
8	---	---	---	1.01	.06	.64	1.46	.27	.88	1.26	.27	.78
9	---	---	---	.94	.04	.48	1.22	-.36	.65	1.17	.34	.75
10	---	---	---	---	---	---	1.22	.14	.68	1.05	.38	.71
11	---	---	---	---	---	---	1.25	-.07	.65	1.17	.55	.81
12	---	---	---	---	---	---	1.18	-.03	.55	1.16	.74	.91
13	---	---	---	1.10	-.06	.53	1.01	.07	.53	1.08	.80	.93
14	1.29	.01	.65	1.30	.04	.67	.88	.23	.56	1.19	.91	1.01
15	1.33	.03	.69	1.19	.01	.63	1.18	.45	.79	1.61	1.07	1.27
16	1.28	.01	.65	1.31	.21	.78	1.05	.53	.82	1.67	1.09	1.31
17	1.25	.06	.65	1.49	.43	.98	1.14	.80	.98	1.46	.49	.93
18	1.31	.16	.75	1.42	.58	.98	1.12	.92	1.04	1.35	.38	.84
19	1.16	.21	.69	1.19	.41	.84	1.28	.73	.90	1.43	.28	.87
20	1.10	.21	.67	.80	.32	.58	1.59	.90	1.21	1.63	.38	.99
21	1.03	.27	.66	.76	.21	.51	2.00	1.11	1.48	1.83	.37	1.12
22	.85	.30	.60	.59	.23	.41	2.27	1.40	1.81	1.45	.24	.86
23	.80	.32	.58	.54	.05	.32	2.15	.86	1.50	1.42	.33	.88
24	.76	.33	.53	.78	-.25	.33	1.98	.52	1.26	1.41	.57	.98
25	.76	.29	.52	1.00	-.42	.40	1.87	.48	1.19	1.24	.76	.98
26	.85	-.04	.41	1.14	-.31	.44	1.70	.29	1.03	1.49	.99	1.20
27	1.01	.06	.48	1.44	-.06	.70	1.65	.37	1.02	1.62	.63	1.23
28	1.04	.02	.45	1.54	-.08	.75	1.48	.40	.96	1.50	.55	1.09
29	1.38	.00	.60	1.59	-.02	.81	1.21	.47	.88	1.58	.54	1.03
30	1.36	-.05	.61	1.65	.14	.89	1.27	.77	1.03	1.72	.67	1.16
31	---	---	---	1.58	.26	.89	1.13	.78	.98	---	---	---
MONTH	---	---	---	---	---	---	2.27	-.36	.94	1.83	.22	.96

MISSISSIPPI RIVER DELTA
073802515 BARATARIA BAY PASS EAST OF GRAND ISLE--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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 51,700 microsiemens, Mar. 24, 1996; minimum daily, 9,200 microsiemens, June 18, 1994.

WATER TEMPERATURES: Maximum daily, 36.5° C, June 26, 1996; minimum daily, 2.5° C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 51,700 microsiemens, Mar. 24; minimum daily, 9,870 microsiemens, June 28.

WATER TEMPERATURE: Maximum daily, 36.5° C, June 26; minimum daily mean, 2.5° C, Jan. 8.

SPECIFIC CONDUCTANCE, US/CM AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	46900	44500	46000	47900	45000	46200	41200	39100	40100	48700	46800	47700
2	46700	44600	45700	49900	47800	48800	41700	40000	40800	48600	45300	47200
3	45900	39600	44200	48600	39600	43900	42400	40800	41600	45300	39000	42600
4	39600	31200	34800	39600	37200	38000	43400	41900	42700	43900	39600	40800
5	40800	34100	38400	40500	36700	37800	44200	42800	43400	44900	43300	44200
6	41700	37200	39700	44600	40500	42600	44700	42700	43800	44700	39400	42600
7	38900	35800	36800	46200	44600	45500	43200	41700	42700	39400	34100	38200
8	39200	36800	37900	45800	42300	43600	41700	40300	41200	35000	23500	30100
9	39600	38000	38900	43000	41000	41900	41600	37700	40000	42800	20600	31000
10	40800	38400	39700	46000	42600	44100	37700	31400	34800	46200	19300	34800
11	44200	40000	41100	46400	44100	45600	37700	30400	32900	46800	46200	46500
12	47500	42300	44000	44100	41200	42500	41900	36900	39000	46200	42900	45200
13	48700	47000	48100	43000	40600	41700	45600	41900	44100	48100	32300	41300
14	48000	44400	46800	43000	41700	42300	47500	45100	46300	48900	37500	44600
15	44400	40300	42400	43400	41000	42000	48600	46200	47300	48700	43300	45900
16	40300	38000	39200	41800	32800	36700	47900	43400	45000	44400	41700	43500
17	43000	39200	41100	41900	34500	38200	46200	44100	45200	44400	39600	41900
18	45200	42700	43800	45600	40900	43100	46200	44600	45500	44500	40000	42700
19	49600	44700	47500	46500	44700	45700	44700	39300	42100	40900	38200	40000
20	49100	46600	48400	46300	44300	45200	39300	36800	37900	43900	38100	41000
21	46600	44700	45400	44800	43100	43700	37000	36400	36700	42900	42300	42700
22	45600	44200	44900	43300	41400	42300	36600	35500	36100	44100	42800	43500
23	46800	44800	45700	44200	41700	42800	36500	35100	35800	44900	44100	44600
24	48800	46400	47600	43100	41300	42100	37400	35700	36400	44900	43000	43500
25	48600	45100	46900	41300	39900	40600	37300	31100	34900	43400	43100	43200
26	46800	44800	45700	41900	39600	41500	35300	31900	33800	45900	42700	44700
27	47900	45900	46800	42500	40600	43700	35600	33800	34700	42700	39800	40100
28	47400	46200	46800	45000	42500	43700	34900	33600	34400	44100	40100	42800
29	46200	43900	44600	44300	40800	42600	38600	33600	36000	44900	43700	44300
30	43900	42000	42700	40800	39500	39900	45800	37900	43000	44900	44600	44700
31	45300	42300	43900	---	---	---	47200	45800	46500	44600	44200	44400
MONTH	49600	31200	43400	49900	32800	42600	48600	30400	40200	48900	19300	42300

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE--Continued

SPECIFIC CONDUCTANCE, US/CM AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	44400	43500	44300	36000	23100	29700	35300	34500	35100	40600	31300	38300
2	43700	41000	42200	38900	29600	34000	38500	35300	36000	40700	39400	39800
3	41000	39700	40100	38800	34700	37500	42000	38500	41500	40200	34000	36200
4	40500	31900	36500	40000	38500	39500	41900	38800	41200	35100	32000	33600
5	40400	26800	32500	40000	39800	39900	38800	33100	36400	33300	30900	32200
6	44800	40400	43900	39900	37300	38500	33800	30500	31900	32100	29800	31000
7	46700	44800	45600	37900	36600	37000	32200	28200	29600	32300	30900	31600
8	46700	43300	44700	36900	35900	36400	35200	32100	33500	31500	30700	31100
9	43300	40100	41700	36100	35400	35800	35000	34300	34600	31300	30900	31100
10	41100	33700	36500	---	---	---	37300	34800	36300	31200	31000	31100
11	35500	29200	30000	41100	38700	40400	37800	37300	37600	31300	29000	30000
12	30800	29900	30500	47100	23500	40000	37900	37800	37800	29200	27500	28600
13	37400	30800	34400	47300	46300	46700	37800	32900	35300	29200	27400	28400
14	40300	34800	37200	47400	45200	46500	34600	33500	34000	29800	29300	29500
15	40000	37700	38900	45200	41400	42800	34600	33300	33800	29900	29600	29800
16	38600	38000	38300	41800	40900	41500	33500	33400	33400	30200	29700	29900
17	40300	37300	38400	40900	40100	40700	37100	33400	36000	30100	28100	29100
18	42100	35900	39000	40300	37800	39000	37400	37000	37200	29000	27700	28400
19	43300	42100	42900	37900	37100	37400	37500	37400	37400	28600	27500	28100
20	43900	40100	42700	37700	37400	37600	37500	37100	37400	28100	26900	27500
21	40500	38200	40200	40400	37700	38700	37400	37300	37400	27700	25600	26400
22	38200	35100	35700	51500	40400	47200	37400	35800	36700	26200	24300	25100
23	35200	32300	33700	51400	45200	50400	36200	32300	33900	29600	24800	26100
24	33900	31000	32500	51700	51100	51600	32500	32200	32300	29800	28400	29100
25	33400	33000	33300	51100	41900	43100	33100	32200	32500	29700	29200	29500
26	33200	28100	30000	42200	33600	37700	38400	33000	34600	29800	29500	29700
27	28700	24600	26700	33600	31100	31600	38100	31900	34700	29700	29200	29500
28	25100	22600	23700	44400	32000	40100	42700	37400	40300	29300	27900	28500
29	23700	22900	23200	43900	39100	41800	42100	39000	41000	28500	27800	28100
30	---	---	---	43200	42800	43000	39000	31900	35700	27800	25100	26400
31	---	---	---	42900	33800	35600	---	---	---	25100	24900	25000
MONTH	46700	22600	36500	51700	23100	40100	42700	28200	35800	40700	24300	30000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25000	24500	24800	14800	14600	14700	26600	25900	26200	38300	25900	30000
2	24800	22700	23700	15100	14700	14900	26000	25400	25700	40600	23500	32800
3	22700	21300	21900	15500	15100	15300	27100	25100	25700	39600	24000	31100
4	22300	21700	21900	16100	15500	15800	28800	24300	27100	37400	25000	27800
5	22500	22100	22300	17500	16000	16700	33800	28800	31200	39400	27200	32900
6	22500	22400	22500	18100	17500	17900	30300	27800	29100	38200	26400	31200
7	22600	21000	21900	19200	18100	18700	27800	24900	26400	37800	26400	32800
8	21100	19500	20200	21200	19200	20000	24900	23500	23900	40000	26800	34000
9	20700	19900	20200	19500	16800	17400	23700	22600	23000	38300	26100	32100
10	26900	20700	24600	17000	15700	15900	24800	19600	21400	30600	27400	28100
11	29600	26900	29000	---	---	---	29400	20300	23100	37600	28000	30500
12	29300	27200	28500	---	---	---	25600	21600	22700	39600	30600	35600
13	28400	22800	24500	30800	17200	24400	37800	21600	25000	40900	34900	37400
14	23500	22800	23300	30500	23500	26700	33800	18900	24100	41400	40900	41100
15	23500	22300	23000	30200	26800	28600	34900	22000	29400	41100	39000	40600
16	22700	21100	21800	29100	27500	28100	33800	26700	28300	39200	35700	37700
17	21700	20300	21500	27800	24900	26400	30000	27200	28300	37200	35900	36300
18	21600	20700	21100	25900	19800	22400	28600	26000	26800	38500	33600	35800
19	21100	17100	18300	21300	19300	20100	26200	25800	26000	36500	33800	35300
20	18400	17500	18000	19900	19400	19700	25800	25500	25600	37800	35400	36900
21	19400	18100	18800	20300	19900	20100	26400	25600	25800	37100	34500	36000
22	19400	18600	19200	20900	20300	20600	26900	26300	26700	36000	34400	34800
23	19400	19300	19400	23800	20900	22500	27700	26900	27500	35600	33400	34200
24	19500	19300	19400	33600	23100	28400	27900	27500	27700	35900	34800	35100
25	19500	13800	17200	31800	23100	29700	27900	27500	27600	36600	34100	35300
26	17400	11700	14100	30600	26400	28100	27800	26600	27300	36900	36400	36700
27	13700	10900	12500	28400	26400	27600	27600	26100	26700	37100	36800	36900
28	12300	9870	10400	27500	27200	27400	28000	25900	27000	36900	36400	36700
29	14400	12300	14100	27300	27000	27200	29500	26800	27600	36500	35300	36400
30	14700	14200	14400	27200	26200	26800	29400	26900	27300	38600	34600	35400
31	---	---	---	26700	26500	26600	29400	25700	27200	---	---	---
MONTH	29600	9870	20400	33600	14600	22400	37800	18900	26400	41400	23500	34600

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	29.1	26.5	28.1	24.1	22.1	23.1	16.8	15.1	16.0	16.6	14.4	15.4
2	28.5	26.5	27.4	25.6	24.0	24.7	17.6	15.9	16.8	17.0	13.0	15.5
3	27.6	25.9	27.1	25.1	20.3	23.2	18.7	17.0	17.8	13.0	9.6	11.4
4	25.9	23.9	24.7	20.3	16.2	17.7	20.2	18.7	19.4	12.4	8.6	10.1
5	25.9	23.8	24.7	16.7	15.1	15.9	22.2	19.9	20.9	14.0	11.9	13.0
6	26.5	24.3	25.4	19.8	16.7	18.1	22.9	21.4	22.1	14.4	11.7	13.6
7	24.8	22.2	23.1	22.0	19.8	20.9	22.0	19.3	21.2	11.7	4.7	8.3
8	23.3	21.5	22.5	21.7	18.0	19.6	19.4	18.3	18.9	7.2	2.5	4.9
9	23.7	21.6	22.8	18.1	16.1	17.3	19.5	13.2	17.3	10.7	4.6	7.6
10	24.9	22.1	23.6	20.3	17.8	18.9	13.2	8.4	9.9	12.5	7.5	10.0
11	25.7	23.8	24.7	20.8	17.7	20.0	11.0	7.5	9.0	13.8	12.5	13.1
12	26.6	24.8	25.7	17.7	15.1	16.0	14.2	10.6	12.1	13.8	11.2	12.5
13	27.4	25.8	26.6	17.0	14.5	15.6	16.6	14.2	15.5	14.4	9.8	12.3
14	26.7	22.8	25.5	17.1	15.8	16.5	18.3	16.4	17.2	15.0	11.3	13.6
15	22.8	19.4	20.4	16.7	14.9	15.9	19.7	17.2	18.4	16.5	14.8	15.4
16	20.4	18.7	19.6	18.7	15.2	16.9	19.8	18.7	19.0	18.2	15.6	16.8
17	22.6	19.9	21.1	18.5	16.3	17.4	20.7	18.9	19.7	18.7	16.8	17.6
18	24.5	22.0	23.0	19.0	17.8	18.3	21.0	19.7	20.3	18.5	13.8	17.2
19	26.6	24.0	25.3	19.5	18.4	18.9	20.2	13.5	16.9	13.8	7.9	9.8
20	25.9	22.8	24.9	19.9	18.8	19.4	13.5	10.6	11.6	13.4	7.6	11.5
21	22.9	20.7	21.8	19.8	18.6	19.3	10.6	9.8	10.2	13.4	12.8	13.1
22	21.9	20.4	21.2	18.6	16.5	17.0	9.8	7.4	8.8	14.9	12.8	13.8
23	23.1	21.1	21.9	19.2	16.2	17.4	8.1	6.1	7.2	16.0	14.2	15.1
24	25.4	22.9	23.9	19.0	16.9	18.1	9.3	6.4	7.7	16.2	14.4	15.5
25	24.8	23.4	23.8	16.9	14.8	15.8	10.1	7.4	8.6	14.4	12.8	13.5
26	24.5	22.5	23.4	17.3	14.9	16.1	10.1	7.6	9.2	16.8	13.5	15.0
27	26.2	23.8	24.8	18.7	16.5	17.5	10.7	8.6	9.5	17.1	12.7	14.6
28	25.7	24.0	24.8	20.5	18.6	19.4	9.0	7.2	8.1	12.7	10.5	11.4
29	24.0	20.6	21.6	19.6	16.4	18.0	9.2	6.1	7.7	14.3	11.7	12.8
30	20.6	19.5	19.7	16.4	15.1	15.8	12.2	8.1	10.6	16.7	14.1	15.2
31	22.3	19.5	20.8	---	---	---	14.4	12.2	13.3	16.7	15.0	16.1
MONTH	29.1	18.7	23.7	25.6	14.5	18.3	22.9	6.1	14.2	18.7	2.5	13.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.0	13.9	14.3	13.0	11.5	12.0	20.6	18.2	19.3	24.5	21.2	22.8
2	14.0	10.3	12.5	13.8	10.4	12.0	18.6	16.2	16.9	25.2	22.1	23.4
3	10.4	5.4	7.4	14.7	11.8	13.6	19.1	16.8	17.9	26.3	22.3	24.2
4	5.9	3.0	4.6	18.1	14.1	16.0	20.8	18.3	19.3	27.7	24.4	25.7
5	7.5	2.7	4.8	18.8	16.8	17.7	20.4	18.6	19.4	28.1	26.0	26.7
6	11.9	7.5	10.7	20.9	18.6	19.8	19.2	14.7	17.1	28.4	26.1	26.8
7	12.8	11.1	11.9	20.4	11.1	16.4	16.7	12.9	14.7	29.1	25.7	27.1
8	15.0	12.2	13.4	11.1	7.9	9.4	18.0	15.9	16.9	27.6	26.1	26.8
9	15.0	13.8	14.6	9.2	6.5	7.9	19.7	16.9	18.1	28.3	25.7	26.8
10	17.7	14.6	15.8	---	---	---	19.8	18.1	18.9	28.5	26.0	27.2
11	17.5	15.9	16.8	12.4	8.5	10.4	20.3	18.2	19.1	28.2	26.5	27.2
12	15.9	13.1	13.9	14.4	9.2	12.6	20.8	18.8	19.7	29.7	25.3	27.2
13	13.2	11.7	12.7	16.6	14.0	15.2	25.2	20.0	21.9	28.5	27.0	27.6
14	14.9	12.4	13.4	21.4	16.3	18.5	23.3	21.9	22.5	28.5	26.5	27.2
15	16.8	14.1	15.4	21.1	18.7	20.2	23.2	20.2	22.0	28.1	25.9	26.9
16	16.0	11.5	13.7	22.6	20.4	21.4	20.6	18.7	19.7	28.7	26.4	27.5
17	12.6	9.4	11.0	22.1	21.2	21.6	21.1	19.1	20.0	30.0	26.9	28.2
18	14.4	11.2	12.8	21.9	16.0	20.6	20.8	19.7	20.2	30.2	27.4	28.6
19	15.6	14.0	14.8	17.2	13.2	15.3	23.0	20.7	21.6	30.0	27.8	28.7
20	18.8	15.6	17.0	14.9	12.2	13.4	25.0	22.2	23.2	30.2	27.6	28.6
21	19.3	17.8	18.4	15.0	10.9	12.9	26.6	23.4	24.6	31.4	27.9	29.5
22	19.5	17.6	18.6	17.0	12.9	15.2	26.2	23.9	24.7	33.1	28.0	30.2
23	19.5	18.2	18.8	18.8	14.4	16.9	25.4	22.9	24.7	30.8	28.7	29.5
24	19.7	18.5	19.0	20.0	17.4	18.6	23.8	21.2	22.4	30.0	27.4	28.6
25	22.0	19.0	20.3	21.3	19.2	20.0	22.9	20.7	21.8	30.0	28.2	29.0
26	22.0	20.2	21.1	20.4	15.6	18.0	24.1	22.1	22.7	30.2	28.3	29.2
27	23.4	21.2	22.1	15.6	14.5	14.9	24.1	22.9	23.6	30.6	28.4	29.5
28	23.4	19.6	22.3	17.1	15.4	16.4	23.9	22.7	23.4	30.7	28.6	29.7
29	19.6	13.0	16.2	17.4	16.8	17.2	25.3	22.7	23.9	30.1	29.0	29.5
30	---	---	---	19.8	17.4	18.6	23.6	18.9	21.2	34.5	27.5	30.3
31	---	---	---	22.7	18.5	20.3	---	---	---	32.2	29.9	30.8
MONTH	23.4	2.7	14.8	22.7	6.5	16.1	26.6	12.9	20.7	34.5	21.2	27.8

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.2	28.8	29.4	32.7	30.2	31.1	30.3	29.3	29.8	30.8	28.5	29.4
2	30.2	28.0	28.8	32.0	29.8	30.7	30.3	28.8	29.5	32.0	27.7	29.7
3	31.5	28.0	29.4	33.3	30.1	31.5	31.9	28.7	30.1	31.7	27.5	29.4
4	31.6	28.1	29.5	33.7	30.6	31.8	34.8	30.0	31.4	32.2	28.7	30.1
5	30.8	28.7	29.6	32.4	31.3	31.8	31.4	29.9	30.6	31.9	29.6	30.5
6	30.1	28.0	28.8	31.3	30.3	30.6	32.6	30.3	31.3	31.4	29.0	29.8
7	28.8	27.8	28.3	30.5	29.1	30.0	31.2	29.5	30.3	32.0	29.5	30.5
8	28.5	26.1	27.3	29.1	28.0	28.6	32.7	29.2	30.7	31.7	30.2	30.8
9	27.8	25.4	26.5	29.9	27.1	28.6	33.7	30.6	31.8	30.9	30.2	30.6
10	28.9	26.2	27.4	32.2	28.9	30.5	32.5	29.0	30.5	32.8	28.5	30.5
11	29.8	27.5	28.3	---	---	---	30.7	29.3	30.2	32.3	30.4	31.2
12	30.1	28.0	29.0	---	---	---	31.2	27.9	29.4	32.5	29.8	31.2
13	29.6	28.0	28.8	32.0	30.8	31.4	31.3	28.4	30.1	31.5	29.4	30.4
14	31.8	28.5	29.8	31.1	30.0	30.5	31.0	28.7	30.0	31.0	29.7	30.4
15	32.3	29.9	30.9	34.0	29.4	31.1	31.6	29.4	30.5	29.7	28.4	28.9
16	34.7	29.9	31.8	33.7	30.8	32.0	31.4	29.3	30.3	30.5	27.8	29.0
17	32.7	30.7	31.7	32.4	30.1	31.1	31.7	29.4	30.5	31.8	29.3	30.4
18	32.5	30.0	31.1	31.8	29.2	30.4	33.4	29.4	31.3	31.5	29.2	30.3
19	31.3	28.6	29.8	32.4	30.0	31.1	34.0	31.1	32.2	30.4	28.8	29.4
20	30.5	29.1	29.7	31.9	30.7	31.3	31.7	30.2	30.9	29.1	27.2	28.6
21	30.6	29.2	29.9	31.3	30.2	30.9	30.2	28.3	29.3	27.3	26.3	26.8
22	31.5	29.3	30.3	32.6	29.6	30.8	29.9	27.6	28.6	29.3	26.2	27.3
23	31.3	30.1	30.7	32.5	29.8	31.1	30.1	28.1	28.9	29.2	26.8	27.8
24	31.4	29.9	30.7	31.2	29.9	30.7	32.6	28.7	30.2	28.8	26.8	27.9
25	34.7	29.0	31.3	31.1	29.7	30.3	32.3	30.4	31.4	28.7	27.2	28.0
26	36.5	31.9	33.9	30.9	29.3	30.1	31.8	30.4	31.0	28.9	27.7	28.2
27	33.6	27.4	30.5	31.8	30.1	30.8	30.9	29.5	30.2	28.5	27.5	28.0
28	30.2	26.6	27.9	32.7	29.6	30.9	31.4	29.5	30.4	27.5	24.9	26.5
29	32.2	28.8	30.2	31.3	30.0	30.4	31.8	29.2	30.5	24.9	22.1	23.1
30	32.8	29.8	31.1	32.2	29.3	30.4	30.7	29.3	30.0	24.5	21.5	22.6
31	---	---	---	31.0	29.6	30.1	31.2	28.2	29.5	---	---	---
MONTH	36.5	25.4	29.7	34.0	27.1	30.7	34.8	27.6	30.4	32.8	21.5	28.9

MISSISSIPPI RIVER DELTA

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 oil wellhead 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.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is sea level (levels determined by Global Positioning System).

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 5.08 ft, Aug. 26, 1992; minimum recorded, -0.81 ft, Dec. 8, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 2.81 ft, Sept. 14; minimum recorded, 0.09 ft, Oct. 15.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	.97	.52	.76
2	---	---	---	---	---	---	---	---	---	1.12	.61	.89
3	---	---	---	---	---	---	---	---	---	1.20	.61	.93
4	---	---	---	---	---	---	---	---	---	1.33	.66	1.02
5	---	---	---	---	---	---	---	---	---	1.38	.79	1.08
6	---	---	---	---	---	---	---	---	---	1.35	.77	1.07
7	---	---	---	---	---	---	---	---	---	1.42	.77	1.10
8	---	---	---	---	---	---	---	---	---	1.55	.96	1.25
9	---	---	---	---	---	---	---	---	---	1.71	1.11	1.41
10	---	---	---	---	---	---	---	---	---	1.63	1.26	1.44
11	---	---	---	---	---	---	---	---	---	1.42	.70	1.14
12	---	---	---	---	---	---	---	---	---	1.09	.68	.82
13	---	---	---	---	---	---	---	---	---	.89	.67	.79
14	---	---	---	---	---	---	---	---	---	1.04	.67	.87
15	---	---	---	---	---	---	---	---	---	1.33	.74	1.09
16	---	---	---	---	---	---	---	---	---	1.36	.81	1.12
17	---	---	---	---	---	---	---	---	---	1.42	.89	1.17
18	---	---	---	---	---	---	---	---	---	1.46	.95	1.18
19	---	---	---	---	---	---	---	---	---	1.38	.84	1.09
20	---	---	---	---	---	---	---	---	---	1.45	.90	1.16
21	---	---	---	---	---	---	---	---	---	1.30	.71	1.02
22	---	---	---	---	---	---	---	---	---	1.13	.79	.94
23	---	---	---	---	---	---	---	---	---	1.15	.69	.88
24	---	---	---	---	---	---	---	---	---	1.16	.75	.95
25	---	---	---	---	---	---	---	---	---	1.26	.88	1.09
26	---	---	---	---	---	---	1.22	1.00	1.12	1.45	1.15	1.31
27	---	---	---	---	---	---	1.17	.83	1.02	1.60	1.32	1.45
28	---	---	---	---	---	---	1.47	1.14	1.27	1.58	1.22	1.42
29	---	---	---	---	---	---	1.59	1.05	1.42	1.74	1.22	1.45
30	---	---	---	---	---	---	1.05	.52	.74	1.55	1.04	1.32
31	---	---	---	---	---	---	---	---	---	1.63	1.00	1.33
MONTH	---	---	---	---	---	---	---	---	---	1.74	.52	1.11

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.80	1.06	1.48	1.46	.73	1.10	1.03	.67	.82	2.19	1.07	1.43
2	2.01	1.39	1.65	1.54	.79	1.17	.87	.62	.72	1.44	1.04	1.23
3	1.68	1.19	1.43	1.35	.89	1.12	.83	.49	.64	1.38	.85	1.14
4	1.62	1.01	1.26	1.26	.82	1.04	.81	.20	.54	1.24	.92	1.09
5	1.51	.94	1.22	1.18	.84	1.01	.89	.41	.64	2.13	1.02	1.33
6	1.47	.98	1.24	1.13	.60	.96	1.16	.63	.86	2.51	1.04	1.81
7	1.34	1.03	1.17	1.35	1.06	1.25	1.47	.83	1.15	1.23	.81	1.06
8	1.16	.79	.99	1.50	1.03	1.34	1.46	.72	1.09	1.40	.81	1.11
9	.82	.52	.68	1.28	.75	1.06	1.02	.40	.72	1.58	.90	1.30
10	.82	.53	.66	1.08	.58	.88	.93	.38	.65	1.15	.82	.98
11	1.14	.60	.93	1.17	.55	.86	1.01	.45	.70	1.28	.82	1.07
12	1.46	.78	1.18	1.01	.54	.72	.95	.49	.67	1.52	1.19	1.30
13	1.44	.91	1.19	1.19	.52	.88	1.05	.51	.78	2.13	1.14	1.38
14	1.39	.84	1.13	1.36	.64	1.04	1.09	.54	.83	2.81	1.91	2.35
15	1.36	.83	1.06	1.42	.82	1.13	1.23	.52	.83	1.92	1.55	1.72
16	1.31	.77	1.03	1.64	.91	1.28	1.18	.62	.88	2.08	1.33	1.69
17	1.36	.70	1.04	1.92	1.26	1.60	1.26	.80	1.06	1.67	1.15	1.38
18	1.43	.83	1.10	1.90	1.55	1.72	1.38	1.05	1.19	1.68	.99	1.31
19	1.32	.83	1.06	1.67	1.35	1.54	1.40	1.14	1.22	1.52	.96	1.27
20	1.31	.81	1.07	1.36	1.12	1.27	1.60	1.28	1.46	1.72	1.28	1.56
21	1.31	.84	1.08	1.29	.97	1.14	1.83	1.54	1.71	2.01	1.19	1.60
22	1.24	.86	1.05	1.13	.80	.99	2.18	1.71	1.96	1.49	1.02	1.28
23	1.11	.86	1.00	.97	.71	.85	2.01	1.37	1.77	1.45	1.07	1.26
24	1.14	.83	.96	1.16	.73	.94	1.79	1.21	1.56	1.43	1.16	1.31
25	1.08	.75	.92	1.34	.80	1.06	1.76	1.15	1.45	1.39	1.21	1.31
26	1.10	.54	.84	1.45	.82	1.15	1.69	1.15	1.41	1.62	1.32	1.47
27	1.48	.54	.88	1.68	.53	1.08	1.66	1.16	1.40	2.18	1.52	1.68
28	1.14	.57	.85	1.17	.47	.82	1.88	1.07	1.41	2.16	1.21	1.62
29	1.37	.67	1.04	1.24	.44	.85	1.80	1.12	1.38	1.26	.68	.98
30	1.39	.69	1.04	1.16	.61	.89	1.81	1.25	1.45	1.21	.79	1.01
31	---	---	---	1.19	.59	.91	2.17	1.06	1.40	---	---	---
MONTH	2.01	.52	1.07	1.92	.44	1.09	2.18	.20	1.11	2.81	.68	1.37

MISSISSIPPI RIVER DELTA
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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 23,100 microsiemens, July 31, 1995; minimum daily mean, 365 microsiemens, Jan. 14, 1993.

WATER TEMPERATURES: Maximum daily, 34.0°C, Aug. 19, July 3, 1995; minimum daily, 2.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 21,000 microsiemens, Oct. 2; minimum daily, 798 microsiemens, Aug. 12, 13.

WATER TEMPERATURE: Maximum daily, 33.0° C, June 26; minimum daily, 2.6°C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20700	14300	18000	11400	7740	9930	4210	3920	4000	11800	4240	6990
2	21000	16700	19000	12500	8120	10200	4400	3870	4080	14600	3110	7580
3	20600	13900	18300	8120	6630	7310	4850	4300	4490	4860	2880	3580
4	14500	11200	13200	6630	3980	4950	6640	4030	4550	3040	2690	2880
5	13200	9280	11500	5120	3820	4300	7750	4230	5270	3560	2750	3230
6	11900	9140	10600	5510	4140	4640	5740	4270	4840	3500	2440	2870
7	9290	5500	6980	6770	5470	6100	5190	3760	4340	2490	1820	2120
8	6820	5170	6050	6140	4150	4820	5060	3760	4560	2090	1730	1860
9	6540	5120	5760	4590	4070	4320	5060	2940	3920	2190	1980	2090
10	5570	4860	5190	7700	4460	6220	2980	2330	2600	2270	2120	2200
11	5340	3930	4660	10200	4740	7290	2750	2330	2490	2630	2170	2380
12	7330	5110	5890	5220	4010	4570	3920	2730	3330	2730	2290	2420
13	8640	5630	7320	4300	3860	4140	4770	3520	4150	2370	2190	2300
14	8670	5330	7120	4330	3570	4000	8130	4560	5230	2630	2260	2390
15	5900	3660	4260	4470	3590	4150	8700	4490	5650	2890	2390	2510
16	4960	3530	4220	4330	3590	4000	7600	4040	5040	5550	2470	2830
17	5410	3800	4550	4060	3510	3640	14700	4450	6750	7040	2830	4850
18	5950	4830	5450	4770	3930	4230	16500	9100	13700	12400	5960	8950
19	6650	5270	5990	4930	4290	4660	15700	6760	8670	7550	2700	4050
20	6550	4390	5540	4960	4630	4810	7500	3550	5190	3680	2640	3110
21	5220	4500	4830	4820	3780	4290	3740	2770	3120	3320	2670	3050
22	5890	5060	5390	4280	3740	4050	3220	2540	2790	3710	2670	3060
23	6830	5890	6420	4340	3800	4000	2810	2480	2670	3770	2700	3270
24	7470	5850	6350	4220	3810	4080	2870	2680	2740	3930	2480	3380
25	6460	5180	5960	3920	3330	3650	2970	2640	2820	3860	2540	3260
26	6680	6280	6470	4000	3330	3710	3120	2810	2940	14500	3520	8410
27	10500	6420	8250	4550	3450	4150	3250	2910	3030	12200	4310	6700
28	10600	6710	8330	6030	4080	5050	2950	2450	2590	4320	3150	3820
29	8800	6510	7550	4080	3780	3890	2670	2260	2450	4490	3390	3820
30	8690	5790	7360	3950	2960	3330	3210	2620	2940	5580	3620	3890
31	9970	6770	8260	---	---	---	5950	3060	3480	5830	3060	3720
MONTH	21000	3530	7900	12500	2960	4950	16500	2260	4340	14600	1730	3790

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3540	2880	3350	1930	1380	1490	9520	4930	7070	8390	4560	5980
2	3460	2100	2860	2540	1520	1950	5150	3420	4020	8340	4850	6450
3	2100	1410	1590	2610	2060	2360	7870	5150	6730	8900	5460	6920
4	1490	1240	1360	3080	2610	2830	8780	6170	7470	9110	6060	7900
5	1510	1350	1450	6000	2790	3580	9140	6820	7940	11000	8380	9340
6	1640	1150	1430	12100	6000	8210	9030	4480	5770	10700	7280	9180
7	1700	1260	1570	11100	2630	5600	5520	5520	4570	10900	7080	9320
8	1770	1460	1600	2860	1370	1770	8170	5280	6340	11500	9570	10400
9	1980	1700	1790	1390	1270	1350	7590	6100	6740	15600	10300	11900
10	2410	1760	2070	1360	1230	1290	7810	6540	7080	16600	11700	13700
11	2130	1590	1770	1480	1230	1330	9000	6200	7290	12500	9590	11300
12	1620	1470	1550	2360	1330	1750	9100	6670	7950	11400	6560	9250
13	1520	1350	1430	2690	2070	2290	10900	7730	9070	6700	5500	6060
14	2410	1460	1640	7400	2300	3400	13100	8220	11200	7570	5660	6790
15	2460	1580	1870	13700	3520	5900	14100	8010	10700	9560	5840	7520
16	2260	1410	1730	14500	5890	9970	8800	5350	6800	8700	6380	7780
17	1410	1230	1280	14700	10900	12900	8000	5460	6550	10100	8160	9090
18	1370	1270	1330	15300	9010	13100	10400	7770	8820	10200	9350	9940
19	2730	1350	1900	9010	2740	4830	10800	8480	9400	10500	6480	8460
20	4220	2270	2940	3400	1670	2200	13200	10800	12200	10800	6480	9350
21	3170	1880	2560	3480	1630	2310	14800	11600	12900	11300	6720	9210
22	3510	2030	2620	4390	1700	2770	20600	14800	17000	9800	6720	7330
23	3290	1810	2330	4200	2940	3740	18500	13100	15400	7440	5690	6460
24	3290	1750	2340	14900	3910	8300	14700	9980	11800	7140	5570	6320
25	2970	1820	2290	16000	7650	11300	11400	11400	10200	8430	6040	7090
26	3640	2560	3320	16800	9480	11700	12200	7420	9320	13500	7800	9740
27	5710	3540	4240	11600	6510	7890	9400	5450	6160	17400	12200	13900
28	5400	2080	3750	10400	7660	8560	12500	6070	10200	18900	11800	15800
29	2690	1590	2030	10700	7980	8920	14300	10400	13400	19300	10700	15800
30	---	---	---	12600	10100	11400	11600	5400	8390	12100	9460	10900
31	---	---	---	12500	9240	10900	---	---	---	12600	9010	10700
MONTH	5710	1150	2140	16800	1230	5670	20600	3420	8950	19300	4560	9350
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15700	9410	12300	1730	1290	1470	1880	1320	1430	4330	3960	4130
2	17500	12400	15600	2270	1300	1640	1730	1280	1430	5330	4330	4760
3	16100	10800	12400	2050	1310	1580	1650	1310	1460	5370	4200	4670
4	11900	9680	11000	1730	1290	1440	1560	1310	1390	4410	4070	4210
5	10800	9180	9930	1650	1400	1480	1690	1300	1500	4970	4070	4620
6	11700	9160	10100	1930	1400	1570	1860	1400	1570	5050	4570	4770
7	12500	8450	9810	2010	1680	1900	1840	1410	1590	4720	4350	4500
8	8950	4820	6540	3140	1730	2490	1890	1490	1670	4730	4320	4510
9	4990	3470	4140	1800	1210	1400	1850	1260	1490	4660	4370	4480
10	3910	2670	3420	1700	1700	1460	1690	1220	1360	4630	4470	4520
11	5920	3470	5090	1680	1440	1570	1570	1090	1250	4720	4480	4570
12	8240	5270	6480	1570	1430	1500	1170	798	1080	5280	4620	4880
13	7940	5840	6930	1540	1440	1480	1440	798	1060	5650	5080	5320
14	6720	4950	5690	1590	1420	1500	1440	952	1070	6380	5650	5910
15	7040	3860	4770	1640	1420	1530	1630	953	1340	11500	6380	8840
16	4690	3770	4080	1780	1450	1560	1740	1200	1370	15900	6620	12700
17	5040	3200	3970	2860	1640	2010	2080	1360	1600	15300	8220	10700
18	4860	3150	3990	4160	2860	3650	2240	1650	1890	11300	8790	9950
19	4540	2840	3380	3810	2120	2510	2320	1850	1970	9780	8690	9390
20	3300	2370	2770	2300	1600	1730	2700	1930	2200	10800	8730	9800
21	3280	2160	2570	2270	1600	1840	4820	2420	3460	10900	8630	10100
22	2420	2010	2080	2270	1440	1630	14900	4100	11200	9150	7970	8390
23	2100	1770	1850	1700	1400	1510	14900	6960	11800	8320	7820	8010
24	1800	1480	1580	1780	1410	1570	11500	7280	9420	8380	7850	8000
25	1690	1240	1450	1700	1380	1500	12900	6770	9270	8160	7840	7980
26	1600	1280	1390	1560	1380	1480	11000	7600	8850	9960	7960	8590
27	1620	1330	1490	1680	1460	1540	9220	7420	8370	10900	9920	10500
28	1500	1230	1330	1860	1480	1640	7420	6320	6820	11100	8100	9640
29	1920	1230	1460	1900	1500	1640	6330	4710	5660	8870	7370	7780
30	1580	1230	1370	1990	1500	1670	5520	4360	4770	7440	6980	7230
31	---	---	---	2060	1530	1690	5040	4000	4320	---	---	---
MONTH	17500	1230	5300	4160	1210	1720	14900	798	3670	15900	3960	7110

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28.0	26.7	27.2	21.3	19.6	20.3	16.3	14.5	15.4	10.6	9.7	10.0
2	27.4	26.9	27.1	23.7	20.9	22.4	16.7	15.4	16.1	11.5	10.5	11.1
3	27.1	25.7	26.6	22.6	19.2	21.6	17.9	16.2	17.0	10.9	9.2	10.2
4	25.7	23.7	24.7	19.2	15.9	17.0	19.6	17.7	18.7	10.2	8.2	9.3
5	24.8	23.2	23.7	15.9	15.1	15.6	22.0	18.8	20.6	11.5	9.4	10.4
6	25.0	23.6	24.3	17.2	15.2	16.1	22.3	20.3	21.4	11.7	10.2	11.2
7	23.6	22.2	22.9	19.9	16.5	18.0	21.8	19.1	20.7	10.2	6.0	8.0
8	23.1	21.4	22.3	19.0	17.0	17.9	19.3	18.7	19.0	6.0	3.7	4.8
9	23.7	21.5	22.7	17.7	16.1	17.0	19.0	13.0	16.9	8.3	4.4	6.0
10	24.4	22.1	23.3	18.5	17.0	17.7	13.0	9.4	10.7	9.2	5.9	7.2
11	24.7	23.1	23.9	19.0	16.7	18.4	10.2	8.3	9.3	8.5	7.0	7.8
12	24.8	24.2	24.4	16.7	15.3	16.0	11.2	8.8	10.1	9.7	8.1	9.1
13	26.1	24.3	25.1	16.6	15.1	15.8	12.0	10.6	11.3	10.8	8.8	9.7
14	25.9	22.5	24.7	16.7	15.2	16.0	12.2	11.5	11.9	11.6	9.5	10.5
15	22.5	19.6	20.6	16.4	14.9	15.6	15.3	11.8	13.4	12.9	11.0	11.9
16	20.5	19.7	20.0	17.0	15.6	16.3	16.5	13.7	15.4	14.4	12.0	13.0
17	21.2	19.7	20.4	17.6	15.9	16.7	17.9	16.2	17.0	15.9	13.9	14.9
18	22.5	20.7	21.6	17.7	16.7	17.2	18.2	16.6	17.5	17.6	14.2	16.4
19	24.0	21.9	22.8	18.1	17.4	17.8	18.0	14.1	16.4	14.2	10.0	11.2
20	23.6	21.6	22.9	18.3	18.0	18.1	14.1	11.1	12.5	10.8	9.2	10.0
21	21.6	19.5	20.4	19.0	17.8	18.3	11.1	10.0	10.5	10.9	10.0	10.4
22	21.5	20.0	20.8	18.0	16.6	17.3	10.0	7.9	9.1	12.1	10.3	11.2
23	22.5	20.8	21.5	18.3	16.7	17.3	8.1	7.1	7.6	13.4	11.5	12.5
24	23.4	22.2	22.7	17.8	16.5	17.4	8.1	6.7	7.4	13.9	12.8	13.3
25	23.0	22.1	22.6	16.5	15.1	15.8	8.3	7.2	7.8	12.8	11.9	12.4
26	23.6	22.0	22.7	16.5	15.3	15.8	8.3	7.3	7.9	15.3	12.5	13.9
27	24.6	23.0	23.7	17.6	16.0	16.8	8.8	7.3	8.1	15.3	12.4	13.7
28	24.3	23.3	23.9	19.3	17.5	18.1	8.4	6.7	7.6	12.4	11.0	11.7
29	23.3	20.5	21.7	17.8	15.6	16.6	7.7	6.3	6.9	12.8	11.7	12.2
30	20.5	19.0	19.7	15.8	14.4	15.2	8.4	6.9	7.7	14.4	12.4	13.4
31	19.9	18.9	19.3	---	---	---	9.7	8.4	8.8	14.7	13.7	14.2
MONTH	28.0	18.9	22.9	23.7	14.4	17.3	22.3	6.3	12.9	17.6	3.7	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.7	12.6	13.0	14.1	12.4	12.9	19.3	17.5	18.4	24.1	20.9	22.3
2	12.6	9.2	11.3	13.6	11.1	12.3	18.1	16.1	17.0	24.1	21.8	22.9
3	9.2	5.4	6.9	15.0	12.1	13.5	19.0	16.9	18.1	24.8	22.4	23.5
4	5.4	3.1	3.9	16.2	13.9	15.0	19.7	17.8	18.5	25.7	23.8	24.6
5	5.0	2.6	3.8	17.3	15.6	16.4	19.6	18.8	19.2	26.3	25.2	25.8
6	5.8	3.4	4.6	19.4	17.3	18.2	19.1	15.8	17.3	27.2	25.9	26.5
7	7.5	5.3	6.4	19.4	12.8	16.9	16.9	14.9	15.7	27.8	26.1	26.9
8	9.5	7.3	8.3	12.8	9.1	10.6	18.6	15.5	16.6	27.6	25.9	26.8
9	11.6	9.3	10.3	9.4	7.2	8.4	19.3	17.1	18.3	27.6	25.7	26.6
10	13.9	10.8	12.6	9.8	7.7	8.8	19.3	18.0	18.6	27.2	25.8	26.5
11	14.8	12.8	14.0	10.7	8.5	9.6	20.1	17.9	19.0	26.6	25.5	26.1
12	14.1	12.3	13.2	12.0	9.6	10.7	20.5	18.8	19.7	27.6	25.0	26.2
13	13.5	11.8	12.6	14.0	10.7	12.4	24.0	20.0	21.5	28.7	25.2	26.5
14	14.1	12.0	13.1	16.2	13.3	14.7	23.2	22.1	22.8	28.2	26.9	27.5
15	15.7	13.5	14.5	19.0	15.9	17.5	23.2	21.1	22.4	27.8	26.0	26.9
16	14.6	11.9	13.6	20.7	18.8	19.7	22.7	19.4	21.0	28.1	26.4	27.1
17	12.6	10.3	11.5	21.9	20.0	20.8	20.6	19.2	19.9	28.7	26.8	27.7
18	13.5	11.0	12.2	21.9	17.9	20.9	20.8	19.6	20.1	29.2	27.1	28.2
19	14.8	12.8	13.9	17.9	15.4	16.4	22.2	20.5	21.4	29.1	27.2	28.2
20	17.2	14.6	15.6	15.4	12.2	13.9	23.7	21.9	22.7	29.4	27.2	28.4
21	18.6	16.5	17.4	15.1	11.0	13.0	24.5	23.0	23.9	29.3	27.7	28.4
22	19.5	18.0	18.7	15.1	12.2	13.7	25.2	23.4	24.2	30.2	28.0	29.1
23	19.7	18.6	19.1	15.9	14.2	15.0	24.7	23.0	24.2	31.2	29.2	30.0
24	20.4	19.2	19.8	18.0	15.6	16.8	23.6	21.7	22.7	31.1	29.2	30.1
25	20.9	19.7	20.4	19.9	17.9	18.7	23.1	21.2	22.3	30.9	29.2	29.9
26	22.2	20.4	21.2	19.3	16.1	17.9	24.6	22.5	23.2	30.7	29.0	29.9
27	22.1	21.1	21.6	16.1	14.9	15.4	26.3	23.9	25.0	30.0	28.9	29.5
28	22.5	19.6	21.6	17.3	15.3	16.2	26.0	24.5	25.3	30.2	28.6	29.3
29	19.6	14.1	16.5	17.5	16.6	17.1	25.7	24.4	25.0	29.7	28.3	29.0
30	---	---	---	18.3	17.1	17.8	24.4	20.9	22.3	30.1	27.6	28.5
31	---	---	---	20.7	18.0	19.3	---	---	---	29.5	28.0	28.8
MONTH	22.5	2.6	13.5	21.9	7.2	15.2	26.3	14.9	20.9	31.2	20.9	27.3

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.3	27.7	28.5	31.0	29.1	30.0	28.8	28.2	28.5	29.5	28.1	28.7
2	28.5	27.4	27.8	31.2	29.6	30.3	29.2	28.0	28.6	30.5	28.5	29.3
3	28.0	26.9	27.3	31.5	30.2	30.8	30.0	27.9	28.8	30.3	28.9	29.5
4	29.0	27.4	28.0	31.5	30.2	30.9	31.7	28.8	29.9	30.5	28.3	29.2
5	29.4	27.6	28.4	32.4	30.7	31.5	31.2	29.7	30.5	30.6	28.6	29.3
6	29.4	27.2	28.5	32.4	30.6	31.4	30.7	29.9	30.2	29.3	28.2	28.7
7	29.0	27.7	28.3	31.5	29.9	30.8	30.2	29.3	29.7	30.4	28.1	28.9
8	29.0	26.9	27.8	29.9	28.3	29.1	31.1	29.2	29.9	30.2	28.8	29.3
9	29.1	26.3	27.4	29.5	28.2	28.7	31.2	29.7	30.3	29.5	28.6	29.0
10	29.5	26.1	27.3	30.9	28.0	29.3	30.6	29.4	29.8	30.7	28.3	29.3
11	29.0	27.0	28.1	32.4	29.4	30.2	30.0	28.9	29.3	30.2	28.9	29.6
12	28.9	27.5	28.3	32.4	30.2	30.9	30.0	28.0	28.8	30.6	29.1	29.7
13	28.7	27.7	28.0	31.9	30.2	30.8	29.1	27.4	28.2	30.2	29.1	29.6
14	29.3	27.5	28.3	31.0	29.8	30.2	30.0	28.0	28.9	29.3	28.6	29.0
15	29.8	27.9	28.7	29.9	29.1	29.5	30.3	28.8	29.5	29.0	28.3	28.6
16	30.7	28.6	29.3	30.8	29.0	29.9	30.5	29.3	29.9	29.1	28.1	28.6
17	31.3	29.8	30.5	30.5	29.3	29.9	30.5	29.2	29.9	30.0	28.7	29.2
18	31.5	30.3	30.8	29.9	29.2	29.5	30.7	29.1	29.7	30.4	28.2	29.2
19	30.8	29.7	30.4	30.9	28.9	29.6	31.9	29.4	30.4	29.3	27.7	28.2
20	30.2	28.7	29.6	32.2	29.4	30.8	30.5	29.4	30.0	28.0	26.4	27.4
21	30.6	29.0	29.8	32.2	30.0	31.1	29.4	28.2	28.9	27.2	26.4	26.6
22	30.7	29.5	30.1	32.9	30.1	31.2	29.0	27.9	28.4	28.1	25.8	26.6
23	31.5	29.5	30.4	32.7	30.3	31.3	29.3	27.8	28.5	27.9	26.3	27.0
24	31.0	29.8	30.3	31.7	30.4	31.1	29.8	28.0	28.8	27.9	26.1	26.8
25	31.7	29.0	30.2	31.1	29.1	30.1	30.5	28.8	29.4	27.9	26.1	27.0
26	33.0	30.0	31.2	29.8	28.7	29.1	30.1	29.2	29.6	28.1	26.6	27.4
27	32.2	28.7	30.7	29.6	28.6	29.0	30.6	29.0	29.7	28.2	27.1	27.6
28	29.3	27.9	28.7	29.6	28.3	28.9	30.4	29.5	29.9	27.1	24.5	26.1
29	30.1	28.3	29.2	29.5	28.7	29.1	30.9	29.3	30.1	24.5	22.4	23.1
30	30.7	28.7	29.7	30.0	28.2	29.0	30.3	29.0	29.6	23.4	21.9	22.6
31	---	---	---	29.5	28.6	29.0	29.5	28.2	28.8	---	---	---
MONTH	33.0	26.1	29.1	32.9	28.0	30.1	31.9	27.4	29.4	30.7	21.9	28.0

MISSISSIPPI RIVER DELTA

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. SE of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1992 to current year.

GAGE.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is sea level (levels determined by Global Positioning System).

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 5.44 ft, Aug. 26, 1992; minimum recorded, -1.96 ft, Feb. 10, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.53 ft, Oct. 4; minimum recorded, -0.22 ft, Mar. 9.

ELEVATION (IN FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.48	1.99	2.27	1.67	1.37	1.54	.85	.53	.69	2.48	1.96	2.16
2	2.47	1.93	2.23	1.57	1.40	1.46	1.04	.50	.71	2.52	1.60	1.98
3	2.38	1.92	2.19	1.58	1.26	1.47	1.08	.65	.86	1.69	1.07	1.32
4	2.53	1.58	2.17	1.26	.84	.98	1.09	.66	.87	1.72	1.23	1.39
5	2.07	1.54	1.85	1.07	.80	.92	1.16	.63	.89	1.90	1.53	1.70
6	1.87	1.54	1.77	1.13	.77	.95	1.14	.57	.85	1.97	1.45	1.72
7	1.54	1.15	1.32	1.28	.85	1.06	1.13	.73	.93	1.45	.56	.97
8	1.56	1.19	1.37	1.22	.62	.93	1.25	.92	1.09	.70	.09	.35
9	1.49	1.07	1.28	1.10	.83	.95	1.50	.89	1.29	.88	.42	.70
10	1.37	1.04	1.19	1.46	1.10	1.32	.89	.26	.53	.98	.64	.83
11	1.47	1.22	1.38	1.56	.88	1.32	.78	.41	.59	1.37	.98	1.23
12	1.73	1.45	1.58	.95	.50	.74	1.00	.62	.86	1.32	.82	.99
13	1.87	1.54	1.71	1.12	.70	.89	1.28	1.00	1.15	1.16	.73	.87
14	1.87	1.23	1.63	1.01	.53	.78	1.44	1.12	1.27	1.37	.87	1.07
15	1.23	.79	1.02	.96	.65	.81	1.48	1.12	1.28	1.50	.96	1.19
16	1.29	.89	1.11	.84	.47	.65	1.62	1.17	1.34	1.70	1.18	1.38
17	1.35	.90	1.19	.90	.57	.70	2.10	1.46	1.66	1.95	1.42	1.62
18	1.60	1.16	1.43	1.00	.72	.86	2.17	1.85	2.00	2.12	1.72	1.91
19	1.55	1.27	1.43	1.16	.75	.93	2.11	1.08	1.47	1.72	1.02	1.31
20	1.48	.88	1.29	1.28	.96	1.11	1.11	.72	.90	1.55	1.08	1.33
21	1.09	.88	.98	1.30	.65	.94	1.28	.83	1.03	1.64	1.16	1.39
22	1.38	1.03	1.14	1.03	.66	.85	1.48	1.01	1.25	1.59	1.20	1.39
23	1.53	1.27	1.39	1.25	.75	1.00	1.40	.89	1.14	1.62	1.30	1.46
24	1.57	1.17	1.34	1.28	.63	.98	1.34	.83	1.08	1.74	1.32	1.56
25	1.50	1.08	1.29	1.07	.56	.81	1.24	.81	1.01	1.82	1.28	1.52
26	1.57	1.16	1.36	1.01	.57	.79	1.17	.84	1.00	2.12	1.82	1.95
27	1.76	1.24	1.49	1.17	.75	.98	1.13	.90	1.03	2.12	1.43	1.79
28	1.70	1.17	1.46	1.33	.92	1.13	1.23	1.07	1.15	1.75	1.23	1.43
29	1.55	1.21	1.39	.93	.48	.76	1.41	1.02	1.15	1.83	1.31	1.55
30	1.63	1.27	1.44	.82	.36	.51	1.87	1.32	1.52	1.83	1.29	1.53
31	1.78	1.33	1.56	---	---	---	2.14	1.49	1.76	1.72	1.29	1.48
MONTH	2.53	.79	1.49	1.67	.36	.97	2.17	.26	1.11	2.52	.09	1.39

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

ELEVATION (IN FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.83	1.32	1.52	1.04	.63	.80	---	---	---	.84	.38	.64
2	1.95	1.41	1.73	1.09	.62	.86	---	---	---	1.01	.53	.79
3	1.41	.70	1.03	.97	.59	.77	---	---	---	1.08	.53	.83
4	.70	.16	.44	.99	.75	.85	---	---	---	1.19	.61	.92
5	.57	.10	.36	1.19	.99	1.13	---	---	---	1.28	.73	1.00
6	.89	.57	.74	1.22	1.00	1.12	---	---	---	1.25	.68	.97
7	1.24	.89	1.06	1.25	.75	1.05	---	---	---	1.30	.67	.99
8	1.34	1.08	1.20	.75	.00	.27	---	---	---	1.40	.85	1.12
9	1.20	.96	1.10	.08	-.22	-.06	---	---	---	1.55	1.01	1.28
10	1.27	1.02	1.12	.19	-.18	.00	---	---	---	1.51	1.15	1.33
11	1.20	.84	.96	.20	-.13	.04	---	---	---	1.33	.96	1.08
12	.95	.48	.69	.59	-.12	.20	---	---	---	1.01	.59	.77
13	.94	.56	.74	---	---	---	---	---	---	.90	.58	.73
14	1.04	.41	.70	---	---	---	---	---	---	.95	.54	.76
15	1.20	.54	.86	---	---	---	---	---	---	1.20	.66	.96
16	1.25	.46	.81	---	---	---	---	---	---	1.24	.74	1.00
17	.61	.15	.41	---	---	---	---	---	---	1.36	.78	1.08
18	.75	.27	.51	---	---	---	---	---	---	1.38	.84	1.10
19	.99	.67	.83	---	---	---	---	---	---	1.30	.73	1.02
20	1.22	.93	1.04	---	---	---	---	---	---	1.38	.79	1.09
21	1.10	.75	.93	---	---	---	---	---	---	1.45	.85	1.13
22	.90	.75	.84	---	---	---	---	---	---	1.20	.71	.95
23	.86	.64	.74	---	---	---	---	---	---	1.17	.59	.87
24	1.02	.59	.80	---	---	---	---	---	---	1.14	.63	.90
25	1.11	.58	.83	---	---	---	---	---	---	1.25	.79	1.01
26	1.23	.77	.99	---	---	---	.86	.69	.79	1.36	1.03	1.20
27	1.29	.99	1.14	---	---	---	.95	.58	.78	1.37	1.19	1.27
28	1.24	.78	.94	---	---	---	1.25	.87	1.01	1.41	1.09	1.28
29	.90	.63	.77	---	---	---	1.40	1.17	1.29	1.65	1.07	1.35
30	---	---	---	---	---	---	1.17	.39	.69	1.47	1.08	1.30
31	---	---	---	---	---	---	---	---	---	1.58	1.01	1.30
MONTH	1.95	.10	.89	---	---	---	---	---	---	1.65	.38	1.03

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.70	1.07	1.40	1.42	.76	1.08	1.28	.98	1.14	1.29	1.10	1.19
2	1.88	1.36	1.59	1.51	.81	1.14	1.15	.96	1.02	1.36	1.05	1.22
3	1.65	1.19	1.41	1.49	.86	1.16	1.02	.88	.95	1.34	.85	1.15
4	1.55	.97	1.25	1.30	.81	1.05	1.08	.96	1.01	1.23	.86	1.06
5	1.45	.89	1.17	1.15	.78	.98	1.23	.96	1.11	1.33	.91	1.17
6	1.43	.92	1.18	1.22	.84	1.02	1.42	1.03	1.24	1.36	.90	1.16
7	1.27	.96	1.11	1.26	1.02	1.15	1.64	1.09	1.42	1.20	.81	1.02
8	1.13	.71	.92	1.35	.99	1.23	1.61	1.17	1.43	1.25	.79	1.02
9	.71	.44	.60	1.20	.77	1.02	1.25	.85	1.12	1.16	.75	.95
10	.82	.44	.65	1.07	.63	.85	1.36	.71	.98	1.05	.74	.89
11	1.12	.55	.88	1.09	.49	.79	1.11	.76	.94	1.19	.69	.92
12	1.24	.78	1.06	1.02	.46	.72	.90	.63	.76	1.29	.85	1.05
13	1.28	.83	1.06	1.04	.43	.73	.96	.49	.73	1.27	.98	1.11
14	1.27	.75	1.02	1.15	.53	.86	1.09	.62	.83	1.36	1.19	1.28
15	1.38	.73	1.02	1.16	.68	.93	1.25	.67	.94	1.64	1.34	1.50
16	1.23	.68	.95	1.39	.71	1.04	1.26	.79	.99	1.86	1.42	1.66
17	1.30	.63	.96	1.65	1.05	1.34	1.30	.95	1.13	1.63	1.18	1.42
18	1.33	.76	1.03	1.63	1.37	1.50	1.36	1.15	1.24	1.45	1.01	1.26
19	1.16	.74	.95	1.52	1.22	1.35	1.29	1.17	1.24	1.41	1.02	1.22
20	1.18	.71	.96	1.23	.91	1.05	1.67	1.27	1.51	1.57	1.07	1.36
21	1.23	.72	.98	.98	.70	.87	2.00	1.67	1.86	1.71	1.21	1.47
22	1.13	.78	.97	.80	.51	.70	2.47	2.00	2.26	1.49	1.09	1.31
23	1.09	.75	.93	.63	.48	.56	2.30	1.72	2.11	1.48	1.05	1.27
24	1.08	.76	.90	.81	.43	.63	2.03	1.53	1.81	1.49	1.08	1.28
25	1.06	.72	.89	.90	.47	.71	1.82	1.39	1.59	1.45	1.14	1.28
26	1.05	.64	.89	1.02	.50	.78	1.73	1.28	1.48	1.65	1.26	1.45
27	1.15	.55	.83	1.36	.58	.99	1.66	1.15	1.39	1.76	1.52	1.61
28	1.07	.50	.77	1.45	.85	1.14	1.59	1.09	1.32	1.71	1.31	1.53
29	1.31	.62	.96	1.48	.90	1.19	1.36	.99	1.18	1.35	1.01	1.20
30	1.35	.68	1.00	1.57	.97	1.26	1.36	1.06	1.20	1.45	1.13	1.29
31	---	---	---	1.50	1.07	1.28	1.24	1.01	1.11	---	---	---
MONTH	1.88	.44	1.01	1.65	.43	1.00	2.47	.49	1.26	1.86	.69	1.24

MISSISSIPPI RIVER DELTA
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.

REMARKS.-- The extremely low minimum value may be caused by the shallow depth of water in which the probe is located.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 39,600 microsiemens, May 27, 1996; minimum daily, 939 microsiemens, Sept. 8, 1994.

WATER TEMPERATURES: Maximum daily, 37.8° C, June 26, 1996; minimum daily, -0.3° C, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 39,600 microsiemens, May 27; minimum daily, 1,670 microsiemens, Aug. 11.

WATER TEMPERATURE: Maximum daily, 37.8° C, June 26; minimum daily, -0.3° C, Feb. 4.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	12100	10100	11000	12000	10800	11500	9010	7550	8230	5510	4750	5180
2	12000	10500	11400	13400	11700	12200	9570	8290	8860	6130	4950	5530
3	14200	10400	11500	13500	9480	11300	10200	8390	9260	5430	4750	4990
4	12200	8170	10800	9480	8290	8830	11400	8200	9900	5880	4870	5190
5	10400	7950	9240	9360	8840	9120	11600	9430	10400	6100	5820	5910
6	11900	8370	9660	10900	9010	9850	11300	9870	10400	6230	4850	5690
7	12100	7580	8390	11600	10300	11000	10100	8730	9570	5010	4120	4590
8	12500	8780	10000	10300	9540	9850	9680	8620	9190	5530	4190	4840
9	11400	8600	9520	10200	8790	9560	9530	6960	8090	7420	4410	5740
10	9900	8510	9110	12700	9990	10900	7160	6170	6750	7230	4220	5450
11	10600	8910	9900	13900	9270	11800	7790	6100	6860	5950	3710	4700
12	10600	9360	9930	9720	8740	9140	8140	6070	7180	5920	3950	5050
13	11300	9140	10400	10500	8300	9410	8020	7000	7550	5270	4120	4790
14	10700	8300	9570	9610	8420	9090	8650	7380	8040	6270	4190	5080
15	8440	7620	8070	9790	8160	8970	10900	7910	9140	9710	4770	6190
16	9270	7490	8410	10400	8880	9510	10100	8740	9490	10300	5520	7310
17	9560	7490	8600	10100	8140	9250	11700	9020	10400	12200	5790	8560
18	9810	7940	8860	9740	9120	9380	12300	9220	10700	15100	6080	11500
19	10400	8330	9390	9990	9100	9480	11800	7640	10200	7320	4550	6280
20	10200	8460	9120	9430	8340	9020	7690	6360	7130	6070	4230	5130
21	9130	7760	8300	9180	8370	8780	7090	6010	6440	6800	4250	5230
22	9220	8130	8650	9220	7870	8380	6160	5490	5790	7650	4480	6000
23	10100	8720	9310	9780	7470	8470	6190	4910	5550	9550	5570	7500
24	10400	9300	9900	8820	7390	7870	6500	4640	5640	9550	5930	7290
25	9640	8810	9260	8450	6890	7600	6680	4900	5800	6550	4870	5500
26	10800	9280	9950	8870	7420	8100	6370	5000	5670	16500	5350	9280
27	12000	10300	11000	9340	7900	8610	6550	4670	5410	11600	5340	6730
28	11100	9970	10700	9890	8240	8960	5190	4620	4820	6870	5090	5890
29	10800	9640	10100	8460	7470	7980	5280	4620	4920	7020	5830	6480
30	10400	9590	10200	8310	7670	8000	4960	4560	4760	8460	6490	7400
31	11200	9950	10700	---	---	---	5410	4840	5110	8000	5810	6720
MONTH	14200	7490	9710	13900	6890	9400	12300	4560	7650	16500	3710	6180

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6680	5170	6000	7870	3240	5730	---	---	---	26700	17200	23400
2	5250	3730	4480	8490	2950	5260	---	---	---	25700	19000	22200
3	3730	3120	3380	9330	4040	5950	---	---	---	25800	17400	21500
4	4170	3270	3600	13900	4670	9220	---	---	---	29700	19700	24500
5	4840	3520	4140	14400	7390	11400	---	---	---	29300	24900	27500
6	5080	3070	4090	18600	12700	15500	---	---	---	30600	25400	28300
7	4960	3630	4300	18600	6870	11500	---	---	---	30700	23400	27900
8	6790	3980	5050	6870	5320	5920	---	---	---	32500	26100	29200
9	6630	4400	5350	5890	4620	5200	---	---	---	34700	27600	31000
10	6000	4240	5140	5990	3540	4890	---	---	---	36500	29600	33000
11	6600	4030	5140	5910	3250	4540	---	---	---	34900	20800	29400
12	4860	3370	4280	5880	3100	4520	---	---	---	32300	24400	28400
13	4990	3370	4200	---	---	---	---	---	---	28200	16700	22600
14	5590	4190	4710	---	---	---	---	---	---	27600	19200	23800
15	6140	2790	4290	---	---	---	---	---	---	30200	21400	25600
16	4490	2700	3500	---	---	---	---	---	---	32100	23000	27500
17	5050	3470	4070	---	---	---	---	---	---	31800	25600	28300
18	5740	3380	4430	---	---	---	---	---	---	30700	21600	26800
19	8680	3460	5640	---	---	---	---	---	---	33800	24300	28600
20	7300	3430	5660	---	---	---	---	---	---	32500	25700	29400
21	10200	4710	7910	---	---	---	---	---	---	30600	21500	26500
22	11100	7270	8560	---	---	---	---	---	---	29500	22700	25700
23	9360	7340	8670	---	---	---	---	---	---	28100	23700	26000
24	11100	6890	9140	---	---	---	---	---	---	30900	23500	27300
25	16400	9340	12500	---	---	---	---	---	---	32400	27500	29700
26	17600	12600	15500	---	---	---	27000	23000	25600	37200	30400	33500
27	19300	14800	17700	---	---	---	30300	20800	25500	39600	33100	36300
28	19000	10800	15900	---	---	---	33800	25400	29800	39500	31400	36100
29	11300	5760	8400	---	---	---	32300	25700	30300	37200	24300	30800
30	---	---	---	---	---	---	25900	22600	24200	30600	24300	28100
31	---	---	---	---	---	---	---	---	---	30600	19400	24700
MONTH	19300	2700	6750	---	---	---	---	---	---	39600	16700	27900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	32000	20600	27200	6330	3710	5000	5150	2980	3840	5250	4280	4770
2	31000	21800	26100	6120	4040	5210	4880	2520	3630	5390	4050	4900
3	28100	21000	24600	6050	3760	4910	4900	2720	3710	5090	4340	4710
4	29200	21200	25200	6020	3700	4510	5190	2360	3680	4990	3870	4540
5	28700	23000	26800	5770	3170	4180	4800	3400	3980	5250	4100	4690
6	30200	24100	26800	5870	3600	4660	4380	2730	3760	4870	4240	4580
7	29000	17200	23300	9900	5230	6690	4630	2660	3800	5100	4160	4670
8	19700	14800	17400	15100	4980	9450	4830	2750	3910	5120	4330	4730
9	16400	12800	14700	8980	3470	6400	4690	2110	3380	4960	3850	4440
10	18000	13400	15300	9770	4220	6700	4070	2790	3280	4850	3890	4330
11	19400	14100	16300	6840	4840	5680	3600	1670	2880	4930	4150	4560
12	21900	16000	17800	6090	4590	5290	3810	1980	2930	4810	4010	4390
13	19900	12400	17800	5970	3180	4880	3740	1760	2880	4660	3780	4270
14	19100	13200	16700	6230	4360	5170	3600	2080	2880	4130	2960	3490
15	16200	12100	13700	6250	3760	5350	3620	2640	3010	5760	3990	4700
16	15100	11600	13200	5930	4240	5140	3450	2090	2880	7220	4530	6070
17	14800	11800	13500	6180	4300	5210	3170	1740	2540	5980	4330	5300
18	15000	10200	12700	11000	5870	7610	3210	2150	2680	8020	4290	6100
19	13900	9140	11800	9700	6270	8180	3440	2150	2840	8140	4600	6820
20	13200	11100	12200	9880	6360	8110	2900	2070	2470	7550	5300	6670
21	13300	7380	11800	10800	4940	7870	2670	1740	2290	7080	5820	6520
22	13900	6140	11100	10400	4470	7880	3980	2040	2700	7350	5350	6490
23	13200	5790	10200	9760	4160	6880	6230	3450	4600	7560	5160	6450
24	11600	6910	9560	6890	3250	5110	5950	3540	4870	7670	6080	6870
25	11300	6530	8910	5600	3790	4840	5150	3230	4520	8050	6560	7210
26	12300	5970	9310	5380	3760	4570	4940	3320	4430	8740	6870	7740
27	12200	4930	8050	5240	3000	4170	5620	3170	4480	12700	7330	8980
28	9220	5610	7670	4540	3270	3780	6070	3430	4770	9090	6370	7680
29	7150	4000	5970	4660	2500	3550	5840	3560	4690	7120	6020	6410
30	6790	3640	5040	5540	2780	3860	5750	4060	4920	6530	5830	6240
31	---	---	---	5370	3450	4500	4730	3710	4280	---	---	---
MONTH	32000	3640	15400	15100	2500	5660	6230	1670	3600	12700	2960	5640

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	29.2	26.1	27.4	24.3	19.9	21.9	18.7	12.5	15.5	17.6	13.7	15.5
2	27.6	26.2	26.9	27.0	24.0	25.1	20.6	15.3	17.8	17.3	10.9	14.5
3	27.0	24.5	26.1	24.5	16.6	21.6	23.1	17.8	20.2	11.1	7.2	9.2
4	24.5	22.5	23.6	16.9	11.1	13.8	25.0	20.6	22.5	12.8	6.0	9.0
5	26.1	21.6	23.4	14.8	11.9	13.3	25.9	21.7	23.5	16.9	9.8	13.1
6	25.6	23.0	24.5	19.8	13.8	16.7	25.0	22.0	23.5	15.2	9.0	13.5
7	23.0	19.2	21.5	23.0	19.3	21.3	22.8	15.6	20.1	9.0	1.3	5.4
8	24.6	19.8	22.3	21.2	17.4	18.7	19.3	15.2	17.2	7.1	.2	3.1
9	25.4	20.8	23.2	19.2	13.7	16.5	18.9	6.6	14.1	13.6	2.7	7.6
10	27.3	21.6	24.3	20.8	16.7	18.5	8.2	1.9	5.4	17.4	6.8	10.9
11	26.7	23.4	25.2	20.6	13.4	19.1	11.4	4.1	7.8	16.0	10.2	12.6
12	26.0	24.6	25.3	16.3	11.1	13.5	15.4	7.8	11.3	15.1	8.1	11.2
13	27.6	24.3	25.8	19.3	11.9	15.5	15.9	12.6	14.2	13.0	7.4	10.5
14	26.8	19.1	24.2	18.0	14.7	16.7	20.3	14.2	16.9	18.2	9.6	13.3
15	19.1	15.0	16.9	19.0	11.9	15.5	23.5	17.9	20.5	21.0	14.7	16.9
16	21.1	16.2	18.3	21.5	16.3	18.5	23.2	20.6	21.7	22.5	16.4	19.2
17	23.1	18.7	20.7	19.9	16.3	18.0	23.1	20.6	21.6	22.5	17.4	19.7
18	25.1	20.9	22.8	20.4	17.8	18.8	21.7	19.3	20.5	20.8	10.6	18.4
19	26.8	22.2	24.3	20.6	17.8	19.3	20.3	11.0	14.6	10.6	2.3	6.4
20	26.0	19.8	23.7	20.4	18.7	19.4	11.2	7.1	8.4	12.4	5.2	8.9
21	22.3	16.2	19.4	20.7	17.8	19.2	8.9	6.0	8.0	13.8	9.9	11.3
22	22.5	18.4	20.3	19.2	14.2	16.5	8.3	4.4	6.2	16.3	10.7	13.1
23	25.2	20.8	22.7	20.9	15.4	17.9	8.5	3.2	6.0	17.9	12.8	15.4
24	26.8	24.1	25.2	19.6	15.0	17.3	10.3	4.2	7.1	17.4	11.8	15.7
25	25.2	22.0	23.1	17.2	11.5	14.4	11.8	5.6	8.7	14.0	8.0	11.3
26	26.2	21.7	23.6	19.7	13.1	16.0	11.2	7.4	9.1	19.1	12.7	16.0
27	27.3	23.6	25.2	21.2	16.4	18.6	11.8	7.0	9.0	18.6	9.4	13.6
28	26.0	22.5	24.2	23.2	17.7	20.5	9.0	4.9	7.1	12.7	6.2	9.9
29	22.6	17.9	19.5	17.8	13.2	15.5	7.2	2.4	4.9	14.7	11.7	13.2
30	18.0	16.8	17.3	15.2	9.9	12.9	12.5	6.4	9.4	20.7	14.2	17.4
31	20.3	17.2	18.7	---	---	---	13.7	11.9	12.8	19.3	12.8	16.2
MONTH	29.2	15.0	22.9	27.0	9.9	17.7	25.9	1.9	13.7	22.5	.2	12.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.8	10.8	11.8	10.6	7.9	9.1	---	---	---	27.2	19.8	23.1
2	12.0	4.7	9.2	18.0	8.2	12.7	---	---	---	28.2	21.8	24.3
3	6.1	1.4	3.5	20.1	12.0	15.8	---	---	---	28.8	22.2	25.2
4	3.9	-.3	1.7	21.8	14.7	17.9	---	---	---	29.5	23.4	26.3
5	9.0	.4	3.8	21.0	16.9	19.0	---	---	---	30.6	25.3	27.9
6	14.1	4.1	8.5	23.3	20.6	21.7	---	---	---	30.5	25.1	27.7
7	15.2	8.6	11.6	21.8	6.0	14.9	---	---	---	30.8	24.9	27.9
8	20.4	12.2	16.0	11.7	2.4	6.4	---	---	---	29.8	25.4	27.4
9	21.3	15.9	18.7	9.2	.4	4.6	---	---	---	29.3	25.3	27.1
10	22.0	17.3	19.5	11.0	2.9	6.8	---	---	---	29.6	25.2	27.3
11	19.4	13.2	17.7	12.9	5.3	9.2	---	---	---	30.0	25.5	27.3
12	14.8	8.2	11.8	18.6	8.3	12.8	---	---	---	30.5	23.1	26.4
13	15.2	8.1	11.8	---	---	---	---	---	---	30.6	24.8	27.7
14	17.9	10.7	14.6	---	---	---	---	---	---	31.4	26.2	28.2
15	20.7	14.9	17.2	---	---	---	---	---	---	30.6	23.9	27.0
16	15.5	7.9	12.3	---	---	---	---	---	---	30.7	25.3	27.8
17	16.2	5.2	10.4	---	---	---	---	---	---	31.5	25.5	28.3
18	20.6	9.3	14.6	---	---	---	---	---	---	32.0	25.9	28.8
19	19.7	14.7	17.2	---	---	---	---	---	---	32.0	25.9	28.9
20	23.0	17.0	19.7	---	---	---	---	---	---	31.4	25.8	28.7
21	23.9	18.8	21.2	---	---	---	---	---	---	34.3	26.1	29.9
22	22.5	20.6	21.5	---	---	---	---	---	---	34.6	27.4	30.8
23	22.0	19.1	20.5	---	---	---	---	---	---	34.9	27.6	31.2
24	23.3	19.3	21.1	---	---	---	---	---	---	33.8	27.5	30.7
25	26.2	19.0	22.4	---	---	---	---	---	---	33.4	28.0	30.5
26	26.1	20.9	23.4	---	---	---	26.9	22.2	24.5	31.9	27.4	29.7
27	24.6	21.1	22.9	---	---	---	30.5	23.5	26.7	30.6	27.2	29.0
28	24.0	15.8	21.5	---	---	---	29.2	23.8	26.4	31.7	27.2	29.4
29	15.8	8.6	11.3	---	---	---	26.6	21.6	25.0	30.3	27.0	28.6
30	---	---	---	---	---	---	24.6	16.1	20.5	32.4	25.7	28.6
31	---	---	---	---	---	---	---	---	---	31.3	26.5	28.7
MONTH	26.2	-.3	15.1	---	---	---	---	---	---	34.9	19.8	28.1

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.7	26.9	28.7	33.5	28.7	30.9	29.8	27.3	28.2	32.0	28.0	29.7
2	29.3	26.6	27.9	33.8	28.3	30.8	30.0	27.3	28.5	33.2	28.2	30.4
3	31.2	25.8	28.5	35.8	28.8	32.0	33.2	27.5	30.0	32.8	28.5	30.7
4	32.4	27.0	29.5	34.4	29.3	31.7	36.4	29.5	32.4	32.5	28.1	30.4
5	32.8	27.0	29.9	33.5	29.4	31.4	33.2	30.1	31.8	33.7	28.5	30.7
6	32.5	26.4	29.5	36.0	29.0	31.9	31.4	29.1	30.1	30.8	28.4	29.5
7	29.4	25.5	27.2	32.6	28.3	30.5	30.8	28.1	29.4	32.5	28.0	29.9
8	29.7	24.2	26.4	28.8	26.7	27.9	33.5	28.4	30.5	32.4	28.7	30.6
9	30.2	23.1	26.4	32.3	26.8	29.0	32.4	28.9	30.8	31.3	29.1	29.9
10	33.3	24.4	28.6	35.9	28.5	30.8	32.6	27.7	29.3	32.9	28.2	30.0
11	32.7	26.9	29.3	35.5	29.3	31.7	29.8	27.5	28.6	33.1	29.1	30.9
12	29.7	27.1	28.6	34.9	29.6	32.1	30.5	26.7	28.5	33.2	29.1	30.8
13	30.0	27.1	28.2	34.4	29.7	31.6	30.5	26.2	28.3	32.9	28.3	30.4
14	32.2	27.2	29.6	31.1	28.9	29.8	33.7	28.0	30.1	30.2	27.6	29.1
15	34.2	28.0	30.8	30.2	27.9	29.1	34.1	29.0	30.9	29.5	27.2	28.2
16	33.4	28.6	30.6	33.5	28.0	30.5	33.1	28.0	30.3	30.9	27.0	28.7
17	34.3	28.5	31.4	31.5	28.7	30.3	30.6	28.7	29.7	32.8	28.5	30.4
18	34.2	29.3	31.5	30.8	28.3	29.5	32.6	27.0	29.1	32.5	27.7	30.3
19	31.6	28.5	30.0	34.6	28.4	31.2	35.1	28.8	31.3	30.0	26.7	27.8
20	31.7	26.9	29.3	34.9	29.9	32.0	31.9	28.8	30.1	27.6	25.4	26.5
21	33.7	28.1	30.6	35.5	29.7	32.1	29.2	27.2	28.2	27.3	24.8	25.7
22	32.9	29.6	31.2	35.5	30.1	32.4	29.6	26.3	27.8	30.0	24.7	26.8
23	33.6	29.1	31.4	36.2	30.4	32.9	29.7	26.9	28.2	29.9	25.5	27.5
24	33.3	29.0	31.0	33.2	30.2	31.6	32.4	27.8	29.6	29.7	25.7	27.6
25	35.7	28.0	31.1	31.7	28.4	29.8	32.8	28.7	30.6	30.6	26.2	28.4
26	37.8	31.3	33.7	32.1	26.9	28.9	32.0	28.9	30.5	29.7	27.0	28.4
27	34.0	25.8	30.5	32.5	27.9	29.8	32.7	28.7	30.5	29.4	26.7	27.8
28	29.6	24.4	26.9	31.7	28.1	29.7	33.7	29.0	31.0	27.1	23.5	25.2
29	32.2	27.1	29.4	30.0	28.3	28.9	33.3	28.3	30.4	23.7	18.3	21.6
30	33.8	28.3	30.7	32.5	27.2	29.6	30.7	28.4	29.3	23.9	19.5	21.9
31	---	---	---	30.7	27.8	29.0	30.2	26.6	28.3	---	---	---
MONTH	37.8	23.1	29.6	36.2	26.7	30.6	36.4	26.2	29.8	33.7	18.3	28.5

MISSISSIPPI RIVER DELTA

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 current year. April 1966 to September 1984 (elevations only). Unpublished records, May 1954 to July 1957, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Louisiana Department of Transportation and Development).

REMARKS.--No estimated daily discharges. Records fair. 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 ft³/s is diverted daily from the stream above weir for city of Thibodaux water supply.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.76 ft, May 9, 1991; minimum, 0.82 ft, Dec. 2, 1966.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	235	264	269	420	225	301	179	202	184	144	108	89
2	245	270	275	370	280	254	156	221	199	138	111	87
3	241	375	277	336	276	218	188	212	252	137	116	86
4	217	353	280	320	233	222	217	201	222	136	110	81
5	205	314	283	312	204	259	232	198	155	129	103	83
6	217	285	282	337	201	272	261	199	106	122	103	81
7	218	253	277	340	211	284	243	202	90	114	126	80
8	222	243	266	315	207	274	226	206	119	160	126	81
9	232	226	273	306	212	271	213	211	94	157	107	80
10	230	217	266	304	214	272	205	236	76	121	152	83
11	223	230	266	301	217	269	202	248	89	137	164	83
12	213	234	268	300	217	258	202	221	76	106	207	81
13	213	228	276	297	215	261	209	191	68	89	240	82
14	244	224	278	300	217	265	231	200	63	82	192	83
15	262	215	281	301	213	271	254	201	59	77	150	89
16	254	234	321	302	203	271	230	185	58	74	118	95
17	246	254	377	303	203	252	219	164	55	74	101	92
18	241	249	523	316	250	241	211	162	55	73	90	90
19	240	234	519	313	284	259	195	158	55	74	84	90
20	239	283	334	304	263	276	181	157	55	79	80	131
21	238	272	256	308	235	273	173	169	75	88	81	124
22	238	245	218	311	226	262	173	128	100	88	101	103
23	245	240	234	311	220	262	194	91	112	107	96	99
24	247	241	269	349	220	265	188	83	106	132	96	97
25	249	250	286	336	266	281	209	91	98	194	91	94
26	249	272	296	346	294	285	218	113	104	176	82	93
27	256	288	299	337	302	232	199	129	147	128	78	122
28	252	301	300	267	308	193	188	142	186	112	88	153
29	251	286	301	249	306	178	203	155	163	92	102	137
30	256	272	303	241	---	182	195	164	152	87	98	127
31	262	---	346	242	---	189	---	176	---	82	94	---
TOTAL	7380	7852	9299	9694	6922	7852	6194	5416	3373	3509	3595	2896
MEAN	238	262	300	313	239	253	206	175	112	113	116	96.5
MAX	262	375	523	420	308	301	261	248	252	194	240	153
MIN	205	215	218	241	201	178	156	83	55	73	78	80

MISSISSIPPI RIVER DELTA

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.64	5.62	5.55	5.86	5.39	5.61	5.41	5.58	5.63	5.57	5.46	5.33
2	5.67	5.63	5.56	5.75	5.53	5.50	5.34	5.64	5.68	5.55	5.47	5.33
3	5.66	5.88	5.56	5.67	5.52	5.41	5.43	5.62	5.82	5.55	5.49	5.32
4	5.59	5.83	5.57	5.63	5.41	5.42	5.53	5.59	5.75	5.55	5.47	5.31
5	5.54	5.73	5.57	5.61	5.33	5.52	5.57	5.58	5.55	5.52	5.45	5.30
6	5.59	5.65	5.57	5.67	5.32	5.56	5.65	5.59	5.40	5.50	5.44	5.30
7	5.59	5.57	5.55	5.68	5.35	5.59	5.61	5.60	5.34	5.47	5.52	5.29
8	5.60	5.54	5.53	5.62	5.34	5.58	5.56	5.62	5.45	5.62	5.51	5.30
9	5.64	5.47	5.54	5.60	5.35	5.57	5.53	5.64	5.36	5.61	5.45	5.29
10	5.63	5.45	5.52	5.59	5.36	5.57	5.51	5.70	5.30	5.49	5.57	5.29
11	5.61	5.49	5.52	5.58	5.37	5.57	5.50	5.75	5.35	5.55	5.63	5.29
12	5.57	5.50	5.52	5.58	5.37	5.54	5.51	5.68	5.30	5.45	5.75	5.29
13	5.56	5.48	5.53	5.58	5.36	5.56	5.53	5.59	5.27	5.38	5.84	5.29
14	5.65	5.46	5.54	5.58	5.37	5.57	5.60	5.63	5.25	5.36	5.71	5.29
15	5.70	5.43	5.54	5.59	5.35	5.59	5.66	5.63	5.24	5.34	5.58	5.30
16	5.67	5.49	5.64	5.59	5.33	5.60	5.60	5.59	5.24	5.33	5.48	5.33
17	5.64	5.54	5.76	5.59	5.33	5.55	5.58	5.53	5.23	5.34	5.41	5.31
18	5.63	5.52	6.08	5.62	5.45	5.52	5.56	5.53	5.23	5.34	5.37	5.31
19	5.62	5.48	6.08	5.62	5.54	5.58	5.51	5.52	5.23	5.34	5.35	5.30
20	5.61	5.61	5.66	5.59	5.49	5.62	5.48	5.52	5.23	5.36	5.33	5.43
21	5.60	5.58	5.47	5.60	5.41	5.62	5.46	5.56	5.32	5.39	5.33	5.42
22	5.60	5.50	5.37	5.61	5.39	5.60	5.46	5.44	5.42	5.39	5.40	5.34
23	5.61	5.49	5.41	5.61	5.38	5.60	5.53	5.31	5.46	5.46	5.38	5.33
24	5.62	5.48	5.50	5.70	5.38	5.61	5.51	5.28	5.44	5.54	5.38	5.31
25	5.61	5.50	5.55	5.67	5.51	5.65	5.58	5.32	5.42	5.73	5.36	5.30
26	5.61	5.57	5.57	5.69	5.58	5.67	5.61	5.40	5.44	5.68	5.33	5.30
27	5.62	5.61	5.58	5.67	5.61	5.54	5.55	5.45	5.57	5.53	5.30	5.39
28	5.61	5.63	5.58	5.50	5.62	5.43	5.53	5.49	5.70	5.48	5.34	5.50
29	5.60	5.60	5.59	5.45	5.62	5.39	5.58	5.54	5.63	5.40	5.39	5.44
30	5.61	5.56	5.59	5.43	---	5.41	5.56	5.57	5.60	5.39	5.38	5.41
31	5.62	---	5.69	5.43	---	5.43	---	5.61	---	5.37	5.36	---
MAX	5.70	5.88	6.08	5.86	5.62	5.67	5.66	5.75	5.82	5.73	5.84	5.50
MIN	5.54	5.43	5.37	5.43	5.32	5.39	5.34	5.28	5.23	5.33	5.30	5.29

MISSISSIPPI RIVER DELTA

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA

LOCATION.--Lat 29°27'20", long 90°25'20", in T.19 S, R.20 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three- pile platform 8.0 mi. west of Galliano.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1992 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is sea level (levels determined by Global Positioning System). Prior to May 16, 1996, datum of gage was 11.27 ft below sea level.

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 3.05 ft, revised, Mar. 8, 1995; minimum recorded, -0.85 ft, Jan. 9, 1996.

REVISIONS.--Maximum recorded elevation has been revised to reflect the datum used prior to May 16, 1996.

EXTREMES FOR CURRENT YEAR.-- Maximum recorded elevation, 2.90 ft, Jan. 27; minimum recorded, -0.85 ft, Jan. 9.

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.02	1.72	1.88	1.50	1.20	1.39	.79	.65	.72	.84	-.09	.48
2	2.08	1.72	1.92	1.73	1.44	1.49	.88	.61	.73	1.60	.43	1.12
3	2.26	1.87	2.06	1.47	.94	1.25	.99	.79	.88	1.07	.49	.74
4	2.15	1.27	1.71	.94	.36	.58	1.01	.79	.90	.58	.35	.47
5	2.65	1.94	2.18	.55	.35	.45	1.03	.80	.92	.68	.48	.58
6	1.96	1.69	1.79	.95	.53	.72	1.04	.80	.92	1.24	.26	.73
7	1.69	1.25	1.41	1.15	.95	1.07	1.07	.68	.89	1.52	-.75	.41
8	1.44	1.22	1.32	1.16	.62	.86	.87	.65	.76	---	---	---
9	1.42	1.15	1.29	.88	.67	.75	1.00	.23	.72	1.37	-.85	.24
10	1.29	1.04	1.18	1.32	.88	1.16	.23	-.53	-.20	1.80	-.30	.51
11	1.22	.98	1.11	1.55	1.00	1.30	.23	-.02	.11	.47	-.05	.24
12	---	---	---	1.00	.61	.80	.49	.19	.35	.45	.01	.19
13	---	---	---	.97	.72	.86	.86	.49	.71	.25	-.16	.00
14	---	---	---	.85	.42	.63	.96	.83	.90	.46	.09	.24
15	---	---	---	.78	.54	.71	1.01	.78	.89	.47	.17	.32
16	---	---	---	.81	.45	.65	1.03	.78	.87	.61	.32	.43
17	1.07	.92	1.01	.64	.41	.49	1.25	.96	1.07	.90	.51	.64
18	1.23	.94	1.14	.86	.64	.74	1.33	.29	.80	1.08	.90	1.03
19	1.34	1.13	1.26	.97	.73	.83	2.24	1.03	1.59	1.00	.49	.69
20	1.35	.93	1.18	1.09	.93	1.00	1.03	.54	.74	.68	.38	.53
21	1.09	.89	.96	1.05	.66	.85	.70	.39	.54	.66	.38	.53
22	1.24	1.08	1.15	.84	.63	.74	.66	.18	.43	.59	.38	.48
23	1.36	1.24	1.30	1.06	.84	.97	.46	.15	.32	.66	.48	.60
24	1.42	1.06	1.26	1.13	.71	.94	.50	.20	.35	1.11	.54	.79
25	1.16	.94	1.06	.91	.70	.81	.46	.18	.33	.54	.27	.38
26	1.26	1.07	1.19	.97	.73	.86	.44	.13	.29	1.39	.51	.90
27	1.54	1.25	1.46	1.15	.84	1.07	.36	.16	.27	2.90	.69	1.43
28	1.65	1.24	1.49	1.28	.92	1.16	.37	.02	.17	.69	.39	.52
29	1.26	.88	1.11	.92	.52	.72	.31	-.10	.06	.88	.58	.69
30	1.06	.78	.94	.70	.32	.45	.74	.31	.46	.91	.70	.81
31	1.22	.76	1.07	---	---	---	.79	.64	.73	.96	.60	.77
MONTH	---	---	---	1.73	.32	.88	2.24	-.53	.62	---	---	---

MISSISSIPPI RIVER DELTA
07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA--Continued
ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.72	.49	.61	.31	-.16	-.01	.69	.12	.36	.92	.66	.80
2	1.53	.68	1.03	.67	.31	.48	.18	-.09	.04	.96	.81	.88
3	1.53	-.19	.18	.74	.58	.66	.55	.18	.41	.94	.75	.85
4	-.19	-.84	-.58	.70	.58	.62	.68	.40	.55	1.00	.76	.88
5	-.15	-.58	-.40	.98	.63	.83	.86	.52	.61	1.09	.83	.96
6	.09	-.15	.01	1.18	.98	1.10	1.31	.17	.49	1.07	.83	.96
7	.54	.09	.34	1.26	.63	1.01	.61	.03	.27	1.08	.83	.95
8	.67	.54	.63	.63	-.37	.14	.97	.54	.71	1.21	.90	1.03
9	.61	.42	.53	-.27	-.72	-.50	.98	.79	.89	1.31	1.04	1.16
10	.75	.47	.58	-.18	-.54	-.39	.96	.76	.86	1.31	1.13	1.23
11	.74	.44	.55	-.01	-.42	-.25	1.11	.84	.95	1.28	1.05	1.15
12	.44	.01	.18	.36	-.14	.06	1.13	.96	1.05	1.06	.67	.81
13	.49	.11	.26	.49	.15	.28	1.19	1.03	1.10	.89	.67	.81
14	.62	.21	.41	.69	.32	.46	1.28	1.04	1.12	.84	.71	.79
15	.76	.46	.61	.87	.61	.71	1.42	.97	1.24	1.01	.70	.88
16	.77	.17	.48	1.02	.80	.88	.97	.61	.75	.96	.80	.89
17	.22	-.15	.03	1.17	1.02	1.08	.90	.58	.76	1.06	.82	.95
18	.34	.07	.22	1.24	.96	1.12	1.09	.80	.95	1.10	.91	1.01
19	.75	.30	.55	.96	.39	.68	1.28	.96	1.09	1.10	.88	.98
20	.89	.67	.79	.39	-.40	-.01	1.52	1.26	1.41	1.15	.92	1.03
21	.69	.43	.58	-.08	-.45	-.26	1.46	1.28	1.37	1.13	.98	1.06
22	.68	.39	.54	.19	-.19	-.01	1.63	1.31	1.45	1.10	.91	.99
23	.66	.51	.57	.46	.01	.22	1.60	1.10	1.36	1.00	.84	.93
24	.59	.40	.50	.84	.37	.59	1.10	.76	.89	.94	.81	.88
25	.65	.31	.46	.91	.70	.79	1.17	.80	.93	1.01	.78	.89
26	.80	.51	.63	.87	.54	.68	1.22	1.10	1.15	1.32	1.01	1.18
27	.97	.70	.80	.57	.19	.36	1.13	.90	.99	1.58	1.32	1.46
28	.98	.38	.75	.84	.54	.64	1.35	1.03	1.18	1.63	1.48	1.57
29	.38	-.23	-.02	.92	.66	.77	1.46	1.23	1.39	1.54	1.35	1.45
30	---	---	---	.98	.86	.92	1.23	.69	.92	1.35	1.13	1.26
31	---	---	---	1.04	.69	.89	---	---	---	1.28	1.06	1.17
MONTH	1.53	-.84	.41	1.26	-.72	.47	1.63	-.09	.91	1.63	.66	1.03

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.36	1.08	1.21	1.01	.70	.85	1.37	1.21	1.29	1.22	1.08	1.16
2	1.51	1.21	1.33	1.07	.80	.93	1.32	1.18	1.24	1.35	1.18	1.25
3	1.36	1.18	1.25	1.04	.86	.94	1.18	1.03	1.08	1.35	1.14	1.25
4	1.25	1.05	1.16	1.02	.84	.93	1.04	.89	.98	1.25	1.02	1.15
5	1.22	1.04	1.13	.99	.83	.92	1.13	.94	1.05	1.21	1.02	1.12
6	1.22	1.03	1.13	.99	.93	.96	1.23	.99	1.12	1.28	1.04	1.17
7	1.31	1.04	1.17	1.31	.95	1.10	1.34	1.05	1.22	1.18	.99	1.11
8	1.30	.89	1.11	1.56	1.31	1.45	1.35	1.13	1.24	1.16	.97	1.06
9	.89	.60	.72	---	---	---	1.23	1.09	1.15	1.11	.93	1.01
10	.77	.59	.67	---	---	---	1.23	.97	1.09	1.02	.86	.96
11	.88	.60	.77	---	---	---	1.18	1.03	1.10	.99	.79	.89
12	1.09	.73	.94	---	---	---	1.05	.88	.99	1.09	.91	1.00
13	1.21	.97	1.10	---	---	---	.95	.80	.88	1.11	.99	1.05
14	1.13	.98	1.06	---	---	---	.87	.74	.80	1.25	1.09	1.18
15	1.07	.91	.99	---	---	---	---	---	---	1.69	1.24	1.47
16	1.05	.87	.96	---	---	---	---	---	---	2.04	1.69	1.91
17	1.05	.84	.95	---	---	---	---	---	---	1.88	1.42	1.66
18	1.06	.84	.94	---	---	---	---	---	---	1.42	1.10	1.29
19	1.14	.90	1.02	---	---	---	---	---	---	1.31	1.12	1.21
20	1.15	1.02	1.08	---	---	---	---	---	---	1.42	1.15	1.32
21	1.10	.95	1.02	---	---	---	1.34	1.10	1.24	1.61	1.26	1.46
22	1.03	.87	.94	---	---	---	1.79	1.34	1.61	2.35	1.13	1.37
23	.94	.79	.88	---	---	---	1.89	1.63	1.76	1.32	1.11	1.22
24	.92	.73	.83	---	---	---	1.78	1.55	1.67	1.32	1.11	1.22
25	.82	.70	.76	---	---	---	1.65	1.47	1.55	1.31	1.17	1.24
26	.82	.59	.73	---	---	---	1.57	1.41	1.48	1.53	1.21	1.36
27	1.08	.56	.78	---	---	---	1.47	1.31	1.39	1.75	1.52	1.65
28	.93	.78	.85	---	---	---	1.42	1.25	1.32	1.68	1.25	1.49
29	.94	.71	.82	---	---	---	1.30	1.09	1.17	1.25	.82	1.02
30	.90	.68	.79	---	---	---	1.21	1.04	1.12	1.13	.96	1.07
31	---	---	---	---	---	---	1.19	1.04	1.12	---	---	---
MONTH	1.51	.56	.97	---	---	---	---	---	---	2.35	.79	1.24

MISSISSIPPI RIVER DELTA
07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1992 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1992 to current year.

WATER TEMPERATURES: August 1992 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 33,600 microsiemens, May 28, 29, 1996; minimum daily, 1,910 microsiemens, Jan. 16, 1993.

WATER TEMPERATURES: Maximum daily, 35.9°C, June 25, 1996; minimum daily, 0.6°C, Mar. 14, 1993.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum daily, 33,600 microsiemens, May 28, 29; minimum daily, 4,630 microsiemens, Feb. 6.

WATER TEMPERATURES: Maximum daily, 35.9 °C, June 25; minimum daily, 1.5 °C, Dec. 10.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24200	20600	22100	27900	23300	24800	19700	14900	18000	31500	19700	27200
2	28100	20700	23600	27300	23600	25600	20500	19100	19800	26600	22300	25300
3	26900	21000	24500	23600	21000	21700	22500	19900	21500	27000	26300	26800
4	21500	16200	20200	21300	17800	19700	25400	21000	22500	26300	19100	24100
5	23500	13100	17600	17800	12700	14800	23400	21000	22200	22600	15600	20100
6	23100	18400	19900	16400	10800	13900	23400	21200	22600	21000	17600	19200
7	18800	17400	18200	27900	15200	22600	23700	21100	22400	20100	18500	19200
8	17900	15800	17100	22900	18700	20100	22100	20600	21100	---	---	---
9	17300	15100	16500	19800	13800	16500	26200	19700	21600	17000	11700	14100
10	17400	15400	16600	25600	16500	21500	22200	13700	20700	16100	14000	15400
11	17300	13900	16000	26900	19800	22700	17000	13100	14900	22700	15000	18000
12	---	---	---	23100	20600	21500	18300	16300	17200	23000	20300	21700
13	---	---	---	21100	16800	19400	26700	17000	22000	21600	16400	19500
14	---	---	---	20900	15700	18500	30300	22900	26900	20500	16500	18800
15	---	---	---	19300	12500	16300	29600	22800	25500	22600	19200	20900
16	---	---	---	19000	16700	18300	23800	23000	23300	21600	20200	21000
17	18700	17400	18100	19000	13800	17600	26000	23200	24100	25400	20200	22700
18	19600	14300	17100	18000	10500	15400	25400	23400	24300	30100	23400	26000
19	20700	18500	19700	19300	17500	18600	28000	23400	25900	30500	24600	27500
20	21000	19000	19800	20500	18000	19000	28000	23700	27200	24600	23400	24000
21	20800	18400	19800	18700	17000	18100	24700	17000	22000	23600	21900	22900
22	20000	18400	19600	17400	13300	15700	21400	16000	18400	23100	19800	22000
23	23700	19500	21700	22100	13000	18500	22100	14600	17900	23800	20000	21700
24	26300	20500	22700	24500	18500	21100	18800	12500	16700	25200	22800	24200
25	22600	20200	21200	20400	14300	17400	18500	14700	16700	24000	21300	22300
26	23900	17900	21500	20200	15600	17900	18100	14800	16200	23500	21200	22300
27	29900	21600	25100	27200	20200	23200	17900	14100	15900	28500	21700	24800
28	28000	24100	25800	25900	22100	23700	17800	14200	15600	22700	17000	21600
29	25300	21900	23400	23500	21000	22100	17300	11900	14600	22400	17000	20900
30	23400	18800	20900	21000	16400	19700	21200	12000	18300	23900	22100	22800
31	24000	16300	20200	---	---	---	31200	18700	24300	23600	21900	22700
MONTH	29900	13100	20300	27900	10500	19500	31200	11900	20700	31500	11700	22000

MISSISSIPPI RIVER DELTA

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	22600	15600	19800	18100	7440	11600	26000	21600	24600	27000	25300	26500
2	16700	11000	14200	19000	9170	15600	23700	19800	22400	26200	23900	25400
3	16600	11700	13800	24200	17500	20700	21400	15700	18400	26500	24400	24900
4	16500	4750	12200	21700	18900	20000	23000	20600	21300	27500	24200	25900
5	18700	4670	12500	23300	18900	20800	22900	20200	21800	27600	25400	26500
6	9460	4630	7450	28800	22600	24800	21000	17500	19600	27300	24200	25900
7	13100	7930	11000	25600	24900	25300	20700	10500	16000	27000	25200	25900
8	20900	11600	16900	25000	23000	23900	21800	13500	18500	28400	24600	26300
9	19100	15300	17400	24300	12000	20400	26400	17300	21500	30500	24500	26900
10	18600	15500	17000	22100	8760	16900	23000	20500	21700	31100	26500	28200
11	18800	14700	17100	15800	9300	12400	23100	22300	22700	28700	24600	26500
12	16400	12500	14900	23100	12800	16200	25400	22600	23900	25300	24000	24600
13	15700	10700	13500	27500	21300	23100	24400	23100	24000	25000	17500	22000
14	18400	10900	16500	29100	22700	25900	25000	24100	24700	20200	17300	18700
15	22500	16500	19100	30000	23800	27400	29600	24200	26700	25300	18400	23200
16	24400	20800	22200	30600	27200	29300	24500	22900	24000	24800	22500	23800
17	22300	15300	21000	31600	29600	30800	24600	19000	22200	26000	22700	23900
18	20700	15300	17800	33000	31100	31900	26300	20700	24400	25800	23600	24700
19	21300	17800	20000	33200	28200	30700	27400	22000	24300	26000	23700	24900
20	24300	20600	23100	30000	26700	28600	27700	25500	26500	27000	24600	25200
21	23400	21300	22200	29800	19800	25700	27300	24600	25700	27800	24400	26100
22	23500	21200	22500	25300	20000	21900	29800	25800	26700	26400	23700	25500
23	23400	21600	22800	29100	24400	26200	29900	26900	27800	25800	24300	25000
24	22500	20000	21900	31300	27500	29100	26900	24500	25900	25900	22300	24100
25	21400	16700	19900	31500	29800	30700	28000	23200	25600	26400	22500	24300
26	22500	18300	20900	31300	27500	29000	28000	24100	26300	30700	22900	26400
27	23500	21800	23000	27500	17500	25300	26300	22200	25200	31900	28200	29900
28	24500	23300	23700	26700	17600	23400	28400	22200	25400	33600	31900	32800
29	24300	17600	22600	27200	22500	25100	28900	27400	27900	33600	29400	31100
30	---	---	---	25500	21900	24500	28200	26500	27300	30200	27500	29000
31	---	---	---	27100	24600	25500	---	---	---	28800	27200	27900
MONTH	24500	4630	18200	33200	7440	24000	29900	10500	23800	33600	17300	25900
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30500	27500	28400	12700	10200	11200	18100	17600	17800	8280	7760	8050
2	30200	28800	29400	14500	11700	13600	17900	17200	17500	10500	7820	8660
3	29700	25400	28200	15600	13700	15100	17200	15800	16600	11800	9390	10100
4	27900	25400	26800	15400	12900	14900	16300	14700	15800	12300	10800	11300
5	28100	26200	26900	15100	13000	14100	17400	14700	16200	11600	11200	11300
6	28700	26200	27200	14700	13500	14000	15500	13800	15100	12300	11200	11400
7	27100	22800	24800	18100	13700	15200	15400	13500	14700	12700	12000	12200
8	23400	21100	22000	23400	17800	20300	15600	14800	15200	12500	12000	12200
9	21900	19800	20600	---	---	---	15400	13600	14500	12300	11900	12000
10	20500	15400	17500	---	---	---	14000	12500	13400	12000	11100	11500
11	22400	16700	20000	---	---	---	13300	10800	12000	11400	10800	11200
12	23900	19300	21200	---	---	---	12200	9570	10800	11200	10900	11000
13	23900	22000	22700	---	---	---	11800	9340	10900	12000	11200	11800
14	23300	21700	22500	---	---	---	11300	8850	10100	13700	11900	13000
15	22400	19900	21500	---	---	---	---	---	---	16400	12500	13700
16	21600	19100	20600	---	---	---	---	---	---	17600	14800	16000
17	20300	17400	19500	---	---	---	---	---	---	17500	15600	16600
18	20700	18000	19300	---	---	---	---	---	---	16300	15700	15900
19	21400	19200	20300	---	---	---	---	---	---	15800	14700	15100
20	21100	20000	20500	---	---	---	---	---	---	15400	14500	14700
21	20300	19000	19800	---	---	---	10700	8390	9570	16500	14900	15100
22	19800	17800	18900	---	---	---	15600	9330	11300	---	---	---
23	18100	15400	16800	---	---	---	16000	11400	13300	15800	12500	14500
24	18400	13600	16200	---	---	---	14700	13800	14100	14100	13300	13600
25	16400	12300	14800	---	---	---	14600	13700	14100	13700	12800	13300
26	15200	8960	12700	---	---	---	14200	13200	13800	15200	12100	13200
27	15300	8760	11700	---	---	---	13700	13100	13400	17200	14600	16400
28	11500	10600	11100	---	---	---	13300	12300	12500	17200	16100	16600
29	11600	8320	10600	---	---	---	12600	11300	11700	16600	13000	15000
30	11700	6720	9780	---	---	---	11600	9230	10400	13000	10300	11100
31	---	---	---	---	---	---	10000	8280	9080	---	---	---
MONTH	30500	6720	20100	---	---	---	18100	8280	13400	17600	7760	13000

MISSISSIPPI RIVER DELTA

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA—Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28.3	25.6	27.0	23.2	19.9	21.5	19.3	13.1	15.8	17.9	11.5	13.8
2	28.1	26.1	26.9	26.1	23.1	24.4	19.2	15.3	16.9	17.9	12.7	15.5
3	27.2	25.0	26.1	24.6	17.6	22.0	21.7	17.6	19.3	12.7	9.7	11.0
4	25.0	22.9	23.9	17.9	13.2	16.0	22.9	19.6	21.1	11.2	7.0	9.4
5	26.4	22.2	23.9	17.3	12.0	14.3	23.5	21.5	22.5	14.8	9.6	11.7
6	25.8	23.2	24.3	21.2	14.5	16.8	23.7	22.2	22.9	14.4	9.0	13.1
7	23.9	21.9	23.0	21.3	19.1	20.6	22.4	19.0	21.1	---	---	---
8	23.8	20.7	22.2	20.8	16.8	19.0	19.6	16.3	18.4	---	---	---
9	24.1	20.7	22.5	18.5	14.3	16.6	19.2	6.4	14.2	16.4	3.5	8.7
10	25.0	21.0	23.0	19.5	16.6	18.0	11.3	1.5	6.6	20.7	7.3	11.9
11	26.0	22.6	24.4	20.6	17.3	19.5	10.4	2.1	6.6	14.3	9.4	11.1
12	---	---	---	17.3	13.5	15.7	12.3	8.9	10.3	15.1	9.3	11.4
13	---	---	---	17.1	13.0	14.9	16.1	11.9	13.5	17.5	6.9	11.5
14	---	---	---	18.8	14.2	16.3	19.5	14.5	16.5	18.8	11.5	13.7
15	---	---	---	16.7	12.8	14.6	21.5	16.4	18.8	17.9	13.1	15.2
16	---	---	---	18.4	15.2	16.8	21.6	19.9	21.0	18.5	15.4	17.0
17	21.8	18.5	20.1	19.9	14.8	17.5	21.8	20.3	21.0	20.0	16.8	18.3
18	23.0	20.8	21.9	20.0	17.4	18.4	21.2	19.6	20.5	19.2	12.3	17.6
19	25.9	22.0	23.1	19.7	17.9	18.7	19.6	13.5	16.0	12.6	6.2	8.6
20	24.6	22.2	23.7	19.6	18.5	19.0	13.5	8.6	10.9	9.8	7.3	8.6
21	23.0	16.7	20.3	20.4	16.6	18.9	8.8	7.9	8.5	12.1	9.4	10.7
22	22.5	19.5	21.0	18.3	15.0	16.7	8.1	4.0	6.7	14.7	10.7	12.5
23	24.7	20.5	22.3	19.8	14.9	17.1	8.3	3.3	5.4	16.8	12.7	14.0
24	25.3	23.3	24.4	19.5	16.4	17.9	8.4	3.5	6.5	17.2	14.0	15.8
25	24.0	21.7	23.1	16.9	12.9	15.1	11.2	6.4	8.2	14.9	12.2	13.2
26	24.6	21.3	23.0	17.0	13.8	15.6	10.7	7.6	9.0	21.2	12.5	16.9
27	25.9	23.4	24.4	18.9	16.3	17.7	11.2	6.8	8.9	18.9	12.7	14.9
28	25.3	23.3	24.3	21.0	18.0	19.5	9.9	4.9	7.5	13.0	9.8	11.3
29	23.6	19.6	21.2	18.0	14.0	15.6	10.9	1.7	6.1	14.7	11.5	12.9
30	19.6	17.8	18.2	17.6	10.8	14.1	11.9	6.9	8.7	20.4	13.9	16.4
31	21.4	17.8	19.4	---	---	---	13.8	9.4	11.3	19.8	13.4	17.3
MONTH	28.3	16.7	23.0	26.1	10.8	17.6	23.7	1.5	13.6	21.2	3.5	13.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.5	11.7	12.7	11.5	8.0	10.2	23.9	15.3	18.9	27.6	19.7	23.1
2	11.7	5.8	9.7	17.8	8.3	12.4	24.4	10.9	18.0	27.8	21.0	24.2
3	---	---	---	17.0	12.9	14.8	21.1	16.8	19.2	30.0	22.4	26.0
4	---	---	---	19.6	15.1	17.2	25.5	18.5	21.2	30.3	24.1	27.1
5	---	---	---	20.1	16.6	18.6	21.2	19.5	20.6	30.2	25.9	27.9
6	10.7	4.0	6.2	21.4	19.6	20.6	19.5	13.2	15.4	29.4	26.5	27.8
7	12.4	7.3	9.3	21.1	9.8	16.5	21.2	9.7	15.2	31.2	26.4	28.3
8	15.7	10.7	12.9	14.6	4.3	9.3	25.1	16.7	20.0	29.9	26.8	28.1
9	20.5	14.7	16.8	---	---	---	24.1	19.3	21.1	29.0	26.4	27.6
10	23.6	17.1	20.3	15.4	2.7	8.4	23.8	19.6	21.3	29.9	26.3	27.7
11	20.3	15.6	18.8	13.8	4.2	9.8	23.5	19.8	21.2	28.6	26.0	27.5
12	19.1	10.2	14.2	16.4	8.9	12.7	22.4	20.1	21.1	28.7	25.2	26.8
13	18.9	10.9	14.3	19.8	13.0	16.4	25.9	20.6	22.8	31.0	24.7	27.6
14	19.6	11.8	15.8	23.1	16.0	19.1	25.9	23.8	24.8	30.6	25.8	28.0
15	20.9	14.9	17.4	24.7	19.0	21.5	24.8	21.3	23.0	30.7	24.2	27.5
16	16.3	8.7	13.9	24.6	21.3	22.7	26.0	19.0	21.8	31.8	25.3	28.7
17	18.0	4.6	11.0	24.5	21.0	22.9	23.5	18.2	21.2	31.7	26.3	28.8
18	21.4	9.5	14.7	24.4	15.4	21.9	22.2	19.2	20.9	31.8	27.6	29.5
19	19.3	14.5	16.8	18.8	14.3	16.2	27.4	21.2	23.4	32.6	27.7	29.9
20	18.9	16.8	17.9	16.8	7.5	12.6	27.5	23.2	24.9	32.5	28.3	30.1
21	21.1	17.8	19.4	19.9	4.4	11.7	26.4	24.0	25.1	34.9	28.4	31.0
22	22.7	19.5	20.9	18.3	10.4	14.7	27.1	24.0	25.5	34.9	29.3	31.8
23	23.4	20.1	21.4	17.9	13.1	15.9	26.2	23.1	24.9	35.3	29.9	32.3
24	24.1	20.7	21.9	20.4	16.6	18.5	26.8	20.6	23.1	34.0	29.6	31.7
25	24.0	20.8	22.2	25.3	19.5	21.9	26.5	22.3	24.0	34.8	29.6	31.9
26	25.7	21.7	23.3	21.5	15.1	18.4	28.1	22.6	24.7	32.9	28.3	30.5
27	26.1	22.5	23.8	17.1	12.9	14.9	29.1	24.8	26.6	30.6	28.3	29.6
28	24.1	17.4	22.2	23.7	15.0	18.9	27.6	24.7	26.1	31.2	28.0	29.5
29	17.4	8.2	11.4	20.6	18.8	19.5	26.8	22.0	25.2	30.7	28.6	29.5
30	---	---	---	21.0	18.4	19.7	24.1	19.8	21.7	31.9	27.6	29.6
31	---	---	---	26.0	20.4	22.2	---	---	---	31.7	27.5	29.8
MONTH	26.1	4.0	15.2	26.0	2.7	16.4	29.1	9.7	22.1	35.3	19.7	28.7

MISSISSIPPI RIVER DELTA

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN	MAX	MIN SEPTEMBER	MEAN
1	31.5	28.5	29.9	34.0	29.5	31.7	31.0	28.7	29.6	29.8	27.3	28.6
2	30.5	27.7	29.1	34.5	30.3	32.2	29.8	28.3	29.0	31.2	27.4	29.2
3	31.9	27.6	29.5	35.5	30.9	32.9	32.3	28.3	29.9	30.6	28.3	29.5
4	32.9	28.1	30.2	34.1	31.4	32.7	32.6	29.1	31.0	31.6	27.4	29.3
5	33.2	28.7	30.7	34.0	30.9	32.5	32.4	29.5	31.3	31.8	27.7	29.8
6	32.4	28.6	30.5	33.4	30.6	32.0	32.0	29.3	30.6	31.3	28.5	29.9
7	30.0	26.0	28.3	32.0	29.3	30.7	31.4	28.8	30.3	32.4	28.6	30.5
8	28.7	25.9	27.1	29.4	27.5	28.3	32.5	28.6	30.6	33.5	28.3	30.9
9	30.4	25.9	27.9	---	---	---	32.3	29.5	31.0	31.7	29.0	30.6
10	31.7	25.1	28.4	---	---	---	33.2	28.2	30.4	32.2	28.2	30.4
11	32.0	26.2	28.9	---	---	---	30.0	28.1	29.0	32.3	27.6	30.2
12	30.6	27.2	29.2	---	---	---	29.6	26.3	28.1	33.1	27.9	30.4
13	29.3	27.0	28.2	---	---	---	30.9	27.1	28.9	32.4	28.2	30.3
14	32.4	27.8	29.8	---	---	---	31.8	27.3	29.8	30.2	27.8	29.2
15	34.3	28.9	31.2	---	---	---	---	---	---	29.2	27.0	28.2
16	33.1	29.6	31.3	---	---	---	---	---	---	29.7	26.8	28.2
17	33.8	29.8	31.5	---	---	---	---	---	---	31.1	28.4	29.5
18	33.7	30.3	31.8	---	---	---	---	---	---	30.7	28.6	29.7
19	32.5	30.2	31.1	---	---	---	---	---	---	29.7	27.1	28.2
20	32.4	29.1	30.8	---	---	---	---	---	---	28.1	26.5	27.2
21	35.1	29.4	32.0	---	---	---	29.4	26.9	27.9	---	---	---
22	35.1	30.7	32.8	---	---	---	28.9	25.9	27.3	---	---	---
23	34.1	30.8	32.3	---	---	---	28.9	26.6	27.9	30.0	25.4	27.6
24	33.1	29.1	31.3	---	---	---	30.6	27.7	29.2	29.6	25.7	27.9
25	35.9	29.2	31.8	---	---	---	32.8	28.4	30.4	30.5	26.2	28.3
26	33.8	29.6	32.1	---	---	---	32.9	29.0	30.9	30.4	26.7	28.5
27	32.8	26.5	29.9	---	---	---	34.0	29.6	31.6	29.1	27.2	28.2
28	31.4	27.1	29.1	---	---	---	34.5	29.9	31.8	27.7	23.6	25.8
29	33.5	27.7	30.4	---	---	---	34.1	29.7	31.5	25.1	21.3	23.2
30	33.5	29.0	31.3	---	---	---	31.1	29.0	30.2	23.6	20.3	21.8
31	---	---	---	---	---	---	29.9	27.6	28.9	---	---	---
MONTH	35.9	25.1	30.3	---	---	---	34.5	25.9	29.9	33.5	20.3	28.6

MISSISSIPPI RIVER DELTA

07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA

LOCATION.--Lat 29°23'42", long 90°27'05", in T.19 S, R.20 E., Lafourche Parish, Hydrologic Unit 08090302, on a three-pile platform, 5.0 mi southeast of Montegut. Prior to Oct. 1, 1994 published under the name Bayou Jean Lacroix at Cutoff Canal.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1994 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is an assumed elevation.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 10.92 ft, July 31, 1995; minimum recorded, 6.44 ft, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 10.67 ft, Oct. 1; minimum recorded, 6.44 ft, Feb 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.67	9.43	10.07	9.90	9.41	9.66	9.14	8.41	8.73	9.94	8.88	9.42
2	10.64	9.68	10.20	9.72	9.33	9.52	9.18	8.29	8.74	9.94	8.81	9.14
3	10.54	9.30	10.06	9.47	8.17	8.98	9.24	8.43	8.89	8.82	7.86	8.26
4	9.89	9.30	9.59	8.83	7.68	8.18	9.34	8.25	8.78	9.22	7.91	8.51
5	10.54	9.78	10.23	9.22	8.37	8.67	9.36	8.31	8.85	9.23	8.03	8.61
6	10.07	9.42	9.82	9.70	8.48	9.06	9.42	8.26	8.80	9.17	8.04	8.53
7	9.68	8.65	9.17	9.70	8.82	9.25	9.46	7.98	8.65	8.04	6.66	7.23
8	9.74	8.98	9.40	9.34	7.97	8.55	9.56	8.30	8.83	8.24	6.69	7.25
9	9.75	8.81	9.29	9.69	8.48	8.94	9.64	7.19	8.19	8.33	7.46	7.93
10	9.62	8.71	9.20	10.03	9.00	9.54	8.51	6.94	7.54	8.35	7.57	7.95
11	9.67	8.73	9.22	10.08	8.11	9.05	8.64	7.65	8.18	8.94	8.28	8.55
12	9.92	9.05	9.49	9.24	8.23	8.71	9.04	8.10	8.47	8.46	7.95	8.12
13	10.16	9.33	9.73	9.50	8.51	8.98	9.26	8.57	8.93	8.63	7.76	8.17
14	10.11	8.32	9.21	9.15	8.06	8.55	9.29	8.71	8.98	8.80	7.94	8.40
15	9.28	8.36	8.79	9.07	8.61	8.87	9.29	8.52	8.83	8.95	7.85	8.38
16	9.69	8.78	9.22	9.07	8.30	8.60	9.31	8.64	8.97	9.21	7.94	8.55
17	9.38	8.92	9.17	9.05	8.38	8.63	9.74	8.71	9.21	9.73	8.17	8.82
18	9.69	9.14	9.42	9.13	8.53	8.90	10.44	8.86	9.52	9.75	8.92	9.32
19	9.58	9.40	9.49	9.28	8.53	8.93	10.12	8.50	8.95	9.05	7.24	8.11
20	9.69	8.52	9.11	9.30	8.55	9.01	9.01	7.69	8.29	9.09	7.88	8.47
21	9.38	8.84	9.15	9.24	8.07	8.67	9.13	7.82	8.48	9.24	7.95	8.55
22	9.63	8.97	9.33	9.60	8.18	8.78	9.13	7.54	8.22	8.92	8.04	8.52
23	9.78	9.02	9.47	9.72	8.48	9.14	8.91	7.74	8.35	9.09	8.31	8.74
24	---	---	---	9.63	8.00	8.69	8.88	7.79	8.35	9.44	8.26	8.74
25	9.75	8.64	9.17	9.28	8.29	8.83	8.81	7.83	8.34	9.09	8.26	8.49
26	9.94	8.83	9.40	9.34	8.28	8.85	8.73	7.83	8.27	9.99	9.09	9.51
27	10.37	9.29	9.81	9.70	8.69	9.23	8.69	8.06	8.38	9.79	8.05	8.55
28	10.22	8.69	9.41	9.64	8.50	9.04	8.61	7.74	8.14	9.31	7.91	8.55
29	9.58	8.61	9.05	8.81	8.38	8.58	8.76	7.93	8.25	9.39	8.35	8.89
30	9.59	8.36	8.99	9.14	8.11	8.53	9.27	8.32	8.77	9.33	8.36	8.88
31	10.15	9.02	9.59	---	---	---	9.71	8.49	9.02	9.31	8.12	8.66
MONTH	---	---	---	10.08	7.68	8.90	10.44	6.94	8.61	9.99	6.66	8.51

MISSISSIPPI RIVER DELTA
07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.31	8.14	8.70	8.93	7.46	8.06	8.22	7.62	7.92	9.06	8.44	8.78
2	9.31	8.07	8.48	8.93	7.97	8.51	8.33	7.53	7.95	9.09	8.31	8.79
3	8.36	7.46	7.88	8.82	8.00	8.42	8.58	8.15	8.37	9.13	8.31	8.79
4	7.82	6.44	7.27	8.77	8.09	8.38	8.77	8.17	8.51	9.30	8.38	8.89
5	8.31	7.24	7.71	9.06	8.59	8.81	8.70	8.13	8.46	9.39	8.36	8.92
6	8.47	7.78	8.18	9.34	8.79	9.00	8.22	7.71	7.97	9.34	8.31	8.88
7	8.87	8.27	8.58	9.30	7.08	8.24	9.07	7.60	8.37	9.45	8.34	8.94
8	8.99	8.49	8.72	7.36	6.71	7.13	9.43	8.24	8.89	9.54	8.55	9.08
9	8.81	8.33	8.59	7.93	6.67	7.30	9.21	8.28	8.76	9.63	8.78	9.21
10	9.10	8.43	8.76	8.12	7.09	7.53	9.22	8.29	8.76	9.42	8.82	9.19
11	8.66	8.30	8.53	8.27	7.22	7.72	9.27	8.47	8.91	9.29	8.64	8.96
12	8.81	7.54	8.19	8.74	7.56	8.16	9.27	8.50	8.88	8.77	8.20	8.50
13	---	---	---	8.74	7.59	8.20	9.38	8.61	9.00	9.02	8.45	8.80
14	---	---	---	9.09	7.80	8.42	9.57	8.67	9.10	8.96	8.45	8.71
15	9.32	8.14	8.75	9.21	8.08	8.65	9.78	7.95	8.91	9.32	8.40	8.94
16	9.13	7.42	8.08	9.35	8.28	8.78	8.79	7.94	8.37	9.36	8.40	8.96
17	8.79	7.53	8.10	9.41	8.65	9.04	9.06	8.34	8.75	9.56	8.53	9.09
18	8.87	7.69	8.26	9.36	8.42	9.03	9.29	8.47	8.97	9.50	8.61	9.09
19	9.10	8.41	8.83	8.42	7.81	7.94	9.48	8.60	9.12	9.49	8.44	9.03
20	9.24	8.52	8.83	7.84	7.02	7.36	9.76	8.86	9.36	9.63	8.63	9.16
21	8.94	8.30	8.55	8.01	7.09	7.67	9.57	8.71	9.13	9.53	8.71	9.13
22	8.92	8.31	8.71	8.25	7.36	7.92	9.92	8.87	9.47	9.27	8.60	8.98
23	8.75	8.39	8.59	8.74	7.61	8.24	9.37	8.23	8.94	9.22	8.62	8.93
24	8.86	8.20	8.54	9.25	8.11	8.69	9.14	7.91	8.54	9.18	8.65	8.89
25	8.98	8.12	8.57	9.04	8.39	8.72	9.42	8.56	9.05	9.23	8.69	8.99
26	9.12	8.36	8.76	8.63	7.99	8.27	9.38	8.82	9.07	9.63	9.11	9.37
27	9.44	8.60	9.00	8.74	7.38	8.15	9.07	8.39	8.78	9.98	9.36	9.62
28	9.23	7.35	8.20	9.10	8.22	8.66	9.43	9.06	9.23	9.86	9.03	9.51
29	7.94	6.68	7.42	9.07	8.11	8.65	9.63	8.50	9.30	9.70	8.73	9.34
30	---	---	---	9.10	8.60	8.86	8.74	7.83	8.30	9.48	8.56	9.14
31	---	---	---	9.11	8.22	8.71	---	---	---	9.67	8.56	9.21
MONTH	---	---	---	9.41	6.67	8.30	9.92	7.53	8.77	9.98	8.20	9.03

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.84	8.61	9.32	9.46	8.33	8.96	9.57	8.75	9.19	9.45	8.84	9.16
2	---	---	---	9.56	8.42	9.05	9.31	8.87	9.11	9.58	8.84	9.27
3	---	---	---	9.35	8.49	8.99	9.16	8.84	8.99	9.60	8.68	9.14
4	---	---	---	9.32	8.48	8.91	9.11	8.66	8.91	9.41	8.67	9.09
5	9.55	8.55	9.09	9.13	8.50	8.91	9.33	8.74	9.05	9.41	8.77	9.12
6	9.45	8.68	9.10	9.08	8.76	8.94	9.50	8.70	9.12	9.50	8.64	9.15
7	9.51	8.82	9.16	9.57	8.97	9.26	9.73	8.92	9.30	9.31	8.64	9.02
8	9.17	8.57	8.84	9.96	8.81	9.46	9.61	8.72	9.20	9.39	8.55	9.05
9	8.82	8.33	8.54	9.21	8.57	8.90	9.39	8.46	9.04	9.29	8.57	8.97
10	8.88	8.32	8.63	9.14	8.22	8.75	9.30	8.46	8.94	9.08	8.54	8.90
11	9.14	8.44	8.84	9.08	8.16	8.67	9.46	8.54	9.00	9.21	8.54	8.92
12	9.53	8.63	9.12	9.10	8.22	8.71	9.15	8.38	8.85	9.28	8.82	9.06
13	9.43	8.51	9.08	9.26	8.24	8.81	9.12	8.34	8.74	9.30	8.87	9.08
14	9.41	8.48	8.98	9.46	8.23	8.98	8.98	8.34	8.70	9.41	9.04	9.22
15	9.39	8.44	8.95	9.46	8.52	9.04	---	---	---	9.94	9.26	9.67
16	9.36	8.43	8.90	9.49	8.48	9.07	9.15	8.58	8.90	10.35	9.67	9.99
17	9.38	8.36	8.91	9.72	8.79	9.36	9.24	8.74	9.06	9.78	8.97	9.40
18	9.38	8.44	8.94	9.75	9.12	9.50	9.27	8.91	9.13	9.49	8.69	9.10
19	9.39	8.57	9.05	9.54	9.03	9.36	9.16	8.81	9.00	9.50	8.73	9.14
20	9.28	8.60	9.00	9.18	8.89	9.07	9.46	8.88	9.19	9.81	8.66	9.31
21	9.19	8.59	8.94	9.22	8.72	8.96	9.79	9.06	9.42	10.29	9.01	9.61
22	9.20	8.59	8.88	8.94	8.62	8.74	10.24	9.60	9.94	9.48	8.67	9.15
23	8.98	8.57	8.81	8.72	8.26	8.53	10.31	9.37	9.83	9.62	8.80	9.25
24	9.08	8.49	8.81	8.92	8.15	8.57	10.05	8.99	9.61	9.62	8.86	9.29
25	9.00	8.50	8.72	9.20	8.21	8.74	9.96	8.96	9.49	9.48	9.03	9.27
26	9.03	8.19	8.66	9.29	8.20	8.75	9.76	8.81	9.38	9.88	9.21	9.55
27	9.13	8.27	8.79	9.56	8.36	8.98	9.75	8.81	9.34	10.00	9.28	9.69
28	9.16	8.21	8.68	9.62	8.42	9.09	9.63	8.81	9.27	9.73	8.76	9.21
29	9.30	8.21	8.82	9.73	8.59	9.23	9.42	8.70	9.06	9.33	8.28	8.81
30	9.23	8.21	8.81	9.82	8.73	9.30	9.45	8.81	9.14	9.60	8.72	9.15
31	---	---	---	9.70	8.83	9.28	9.34	8.87	9.10	---	---	---
MONTH	---	---	---	9.96	8.15	9.00	---	---	---	10.35	8.28	9.22

MISSISSIPPI RIVER DELTA
07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1994 to current year.

WATER TEMPERATURES: January 1994 to current year.

REMARKS.--The specific conductance values above 32,800 microsiemens were calculated from salinity values.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 38,700 microsiemens, May 27, 1996; minimum daily, 1,680 microsiemens, Jan. 8, 1996.

WATER TEMPERATURES: Maximum daily, 35.7°C, June 26, 1996; minimum daily, -0.3°C, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 38,700 microsiemens, May 27; minimum daily, 1,680 microsiemens, Jan. 8.

WATER TEMPERATURES: Maximum daily, 35.7°C, June 26, 27; minimum daily, -0.3°C, Feb. 4.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	32500	26600	29300	35100	28900	32100	31000	22600	25200	37000	26400	32000
2	32200	27500	29800	32100	27700	30000	31900	21200	26100	36000	27300	29800
3	31900	26000	29500	27800	18300	23200	31900	23500	27300	27900	17800	22500
4	28800	16900	23200	21400	15100	17200	31400	23400	26400	31400	15500	21500
5	31500	25500	28900	27700	13800	19800	31400	24600	27000	32200	20300	24300
6	28700	24300	26200	34500	18400	25800	31000	25200	27200	31100	16300	22500
7	28000	17800	23000	34500	20800	26200	31700	24700	27300	19600	5920	15300
8	29900	18000	24400	29600	18700	22600	32700	23500	28000	22600	1680	12300
9	30700	19300	24300	32300	18500	25300	33100	18100	25900	24400	15000	19700
10	29200	17500	23800	34500	22400	28800	27300	15000	17800	24400	18300	20000
11	30200	18000	24400	34900	22700	26900	28600	20600	24200	28800	20500	24900
12	33000	22300	26800	28000	18700	22700	34700	23600	27000	24500	20700	22100
13	33300	24200	27800	31900	22700	25900	37100	25300	31500	27200	16600	21900
14	33200	19300	26500	28000	16000	22100	36800	27600	31700	29900	21000	24600
15	23700	15400	17800	28500	21100	25000	36100	27600	30000	30000	21600	24900
16	30000	20900	23800	28500	17600	21600	36500	28300	31700	30700	23300	26300
17	27400	19400	24000	32600	15100	22500	38300	28800	33600	32200	24700	27700
18	32400	24500	27400	32800	21000	27600	37300	31500	34300	32200	26300	29100
19	31300	27300	29600	34600	23600	28500	34100	25000	29500	29000	22600	25800
20	32300	20000	26000	34500	24000	28000	30000	20400	23800	29500	22300	26300
21	26800	19800	22900	31700	17200	24400	31400	18600	24900	30100	24100	26400
22	33400	24100	27400	33100	17200	24400	32000	17400	23400	29200	22000	26300
23	34900	26100	30700	34600	21800	27200	30000	17200	23900	30600	24400	27400
24	---	---	---	33600	20700	25600	29800	20100	23800	31300	22000	27100
25	34500	21400	29300	31100	20100	26200	29100	19300	23800	29500	18100	21600
26	35400	26600	30400	31700	23000	26400	29000	18500	23700	33500	27700	31400
27	36500	28200	32200	34000	24400	28600	29800	19500	24200	29700	21600	25100
28	35400	28700	31100	33600	25000	27700	28400	15600	22300	29100	19700	23400
29	32700	23400	28200	26100	18100	22600	32500	13000	22200	31300	22900	26200
30	33500	19800	27500	31000	15100	21500	36500	21600	30300	30600	24100	26600
31	35600	22900	30600	---	---	---	37100	24400	30800	30200	23100	25700
MONTH	36500	15400	26900	35100	13800	25200	38300	13000	26700	37000	1680	24500

MISSISSIPPI RIVER DELTA

07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	30200	16900	24700	30900	13900	22800	24900	17500	20700	33900	21300	28200
2	30300	10600	18800	31600	20400	26400	26200	15600	20000	32500	27200	29300
3	12000	9370	10400	31200	22500	25800	30200	23200	26400	35100	27400	29900
4	13100	9280	10300	29900	25200	26300	31100	25100	27500	35500	28100	31200
5	20200	7590	12400	34200	25900	29500	31000	21100	27900	35800	29000	32000
6	22800	12900	18000	35300	28200	30700	21100	13900	16200	35600	30000	32100
7	30100	18200	24400	33600	23500	28000	31000	12000	20800	35600	29200	32400
8	30800	18900	24800	23500	17100	19200	32500	19600	27000	36300	30900	33200
9	26300	18600	21800	23100	15500	18200	31300	21400	26600	36800	31500	33900
10	28800	19300	23300	27700	13700	19700	31700	25300	27900	35800	32500	34000
11	23300	18400	21700	32000	16200	23000	32100	25700	28600	34700	23100	31100
12	26200	12600	18800	36500	21000	28500	31600	25300	27900	25300	18600	21200
13	---	---	---	35700	24200	29700	32000	26000	28800	31900	18600	27100
14	---	---	---	35900	26700	31200	32500	26600	29200	27500	19700	25300
15	31300	21000	25800	35900	27600	32100	33800	25800	29100	35400	19700	28600
16	28300	19500	22600	35800	28400	32200	28100	21300	23400	33400	26400	29200
17	28000	14600	20000	35600	29800	33200	31400	20900	26500	35900	26700	31000
18	28400	20000	23300	35300	29500	33100	33000	24900	28900	35100	28400	31500
19	30000	23500	27000	31300	27000	29300	33400	25600	30000	34900	29200	31800
20	30900	23400	26700	28400	22500	25900	35300	28100	31400	36500	30000	32700
21	26100	23500	24700	30500	22100	25800	34800	28100	30400	35800	30900	32900
22	27800	23100	25400	33600	26200	29300	36700	29600	32600	34800	29400	32400
23	25100	22900	24200	33900	27900	31300	32100	25000	30100	34500	28100	31600
24	26400	22900	24100	35000	29900	32600	33200	22500	26500	34000	27000	30300
25	28000	19400	24000	34300	30600	32800	34600	25400	29800	34600	26100	30600
26	30100	22800	25600	32900	27100	30800	32300	27800	29900	38200	31700	35500
27	32000	24000	27200	31500	19400	25900	31000	26900	28800	38700	34600	36600
28	28100	19300	25300	33000	25900	29200	34800	30200	31900	37600	33600	35600
29	22300	15600	18700	32500	27400	29700	35600	29900	33100	38000	33300	35500
30	---	---	---	32100	28700	30300	31500	21800	27600	36500	27500	33900
31	---	---	---	32100	24900	29600	---	---	---	37500	26700	32900
MONTH	32000	7590	22000	36500	13700	28100	36700	12000	27500	38700	18600	31400
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	37800	30100	33800	30000	18000	24200	23600	20900	22000	19900	13100	16300
2	---	---	---	31400	21700	25800	21200	20300	20900	21100	15700	18000
3	---	---	---	30400	22700	26000	20300	14800	17600	21000	14500	17700
4	---	---	---	30200	22100	25900	19300	13400	16300	20200	13500	17100
5	35600	23700	30700	28300	22100	25800	22500	17600	19700	20100	15600	17500
6	35200	27800	30800	27300	24800	25800	23000	17200	20100	20600	16100	17900
7	35000	26300	30800	30800	23600	27600	23600	17800	20700	20200	14800	17500
8	31700	15300	22500	33200	26600	30300	23000	17500	20600	20100	14800	17600
9	24000	14000	16600	27400	20500	25600	22000	15500	19200	19900	15900	17400
10	26400	15700	20800	23900	16100	20300	20300	13200	16800	19200	14500	17300
11	30000	18700	25000	25300	13500	18700	19300	11100	15800	19700	12600	16500
12	33400	22900	28300	25300	11800	18500	16800	10200	13500	19900	16100	17900
13	31800	25100	29300	27200	15700	20800	17100	8400	12600	20100	16900	18300
14	33300	27300	29700	27700	17200	22800	15900	8830	12300	20600	18100	19400
15	33400	23100	28400	27000	20500	23500	---	---	---	22300	19300	21000
16	33000	22700	27600	26800	20900	23900	18500	12900	15300	23600	19000	21300
17	32300	20000	26700	27800	22400	25100	19800	13900	17100	20600	17000	18600
18	32600	22900	27500	27700	23400	25500	19200	15600	17600	19300	16100	17800
19	32900	25400	29000	26200	23800	24800	17900	12200	15400	21200	15500	18900
20	31200	23800	27400	23900	20000	22500	20100	12800	17300	22500	17000	19100
21	29900	22100	26100	23600	16800	20500	21800	16900	19300	22400	17500	19500
22	30200	18600	24600	20600	15000	18100	21800	17700	20100	19800	12700	17900
23	26200	16800	22400	17700	11600	14800	22100	17900	20000	21200	12800	17700
24	29500	13500	22900	22600	11600	18900	22200	17800	19800	21100	15400	18100
25	27600	14900	20600	25600	17200	21500	22000	17300	19400	20500	17000	18500
26	28600	13900	22100	24500	17900	20800	21600	17700	19300	23500	17400	20300
27	31100	13900	23600	24900	17400	21500	21700	16400	19000	24000	18600	21000
28	28900	15000	21000	24600	20000	22100	21300	16500	18700	22300	16700	19400
29	30100	12500	21700	24500	20500	22500	20300	11000	15400	20600	12700	15200
30	29900	16100	23200	24500	21200	22500	20400	12800	15900	22300	16200	18800
31	---	---	---	23200	21000	21800	19300	11400	15400	---	---	---
MONTH	37800	12500	25700	33200	11600	22900	23600	8400	17800	24000	12600	18300

MISSISSIPPI RIVER DELTA

07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	29.3	26.7	27.8	23.9	20.0	21.7	15.9	13.4	14.6	12.6	10.3	12.2
2	28.4	26.8	27.2	26.9	23.4	24.7	17.6	15.1	16.2	15.1	11.6	13.7
3	27.2	24.6	26.2	24.0	16.8	21.6	19.9	17.5	18.2	11.6	8.2	9.8
4	24.7	23.6	24.0	16.8	13.6	14.9	21.3	19.9	20.4	10.2	6.9	8.9
5	25.6	23.2	24.2	15.3	12.8	14.3	22.4	20.3	21.6	12.7	9.9	11.1
6	25.3	22.9	24.3	17.8	14.4	15.9	23.6	21.8	22.6	13.6	10.1	12.4
7	22.9	20.8	22.0	20.9	17.8	19.6	22.4	20.0	21.2	10.1	3.9	6.5
8	23.0	20.3	21.8	19.6	17.1	18.4	20.0	17.1	18.6	6.7	2.2	4.6
9	23.6	20.9	22.3	18.0	15.0	16.8	19.3	8.6	14.7	7.5	2.7	5.1
10	24.6	21.0	22.7	19.3	16.9	18.1	9.4	5.9	8.0	9.5	6.0	7.4
11	25.8	22.4	24.0	19.8	15.8	18.6	9.7	4.4	7.6	12.2	9.3	10.3
12	25.1	24.1	24.4	17.5	14.7	16.0	11.9	8.0	9.7	13.3	9.8	10.8
13	26.8	24.3	25.2	17.5	13.7	15.9	14.6	11.8	12.9	12.4	9.9	11.0
14	25.6	21.4	24.0	17.5	14.5	16.2	16.5	13.9	15.3	14.5	11.2	12.3
15	21.4	18.5	19.6	17.1	14.5	15.6	19.6	15.9	18.2	15.0	14.3	14.6
16	20.6	17.5	19.4	19.1	15.5	17.2	19.9	18.2	19.3	16.6	15.0	16.0
17	22.7	18.8	20.5	18.1	15.8	17.3	20.6	19.2	20.0	17.7	15.8	17.1
18	24.0	20.8	22.1	18.1	17.4	17.8	19.8	19.2	19.5	19.0	13.4	17.4
19	25.4	22.1	23.2	18.5	17.5	18.1	19.6	12.9	15.7	13.4	3.8	7.9
20	24.1	22.5	23.5	19.3	18.0	18.7	12.9	10.0	10.8	9.9	6.1	8.0
21	22.9	18.5	21.1	19.7	18.0	18.8	10.5	7.1	8.7	12.1	8.7	10.0
22	21.5	18.7	20.4	18.3	14.7	16.5	9.3	6.4	7.4	13.8	10.1	11.6
23	23.1	20.8	21.9	18.8	16.0	17.4	7.8	4.5	6.2	14.8	12.1	13.3
24	---	---	---	18.8	16.8	17.8	9.0	4.4	6.3	16.6	13.4	14.7
25	24.3	21.5	22.8	17.0	13.8	15.6	8.4	5.8	7.0	14.4	12.0	13.0
26	24.5	22.1	23.1	18.0	14.4	16.0	8.6	6.7	7.7	16.7	13.0	14.1
27	26.8	23.4	24.7	20.3	16.3	18.0	9.1	6.5	7.7	16.7	12.3	14.1
28	25.3	23.6	24.4	22.3	18.0	19.7	8.4	5.2	7.2	12.3	9.6	11.0
29	24.0	20.0	21.0	18.7	15.3	16.9	7.6	4.3	6.3	13.4	11.7	12.3
30	20.0	17.9	18.7	16.1	13.5	14.8	9.0	6.3	7.8	15.6	13.3	14.3
31	20.4	18.0	19.2	---	---	---	10.8	9.0	10.4	17.2	15.1	16.2
MONTH	29.3	17.5	22.9	26.9	12.8	17.6	23.6	4.3	13.2	19.0	2.2	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.1	11.9	13.2	13.4	9.3	11.8	20.0	17.3	18.3	25.3	20.9	22.6
2	13.1	7.5	10.1	14.0	9.3	11.6	21.4	15.7	18.1	26.2	22.7	24.2
3	7.6	2.3	5.2	14.9	12.1	13.4	20.7	17.8	19.3	27.3	23.0	25.1
4	4.1	-3	1.9	17.7	13.6	15.5	22.6	19.2	20.6	28.8	24.3	26.2
5	5.1	2	2.9	20.0	15.8	17.6	21.8	19.3	20.8	29.0	26.5	27.4
6	7.7	4.3	5.8	21.2	17.8	19.8	19.3	13.6	16.0	28.8	26.2	27.4
7	9.8	6.9	8.1	21.0	8.5	15.2	18.4	13.0	15.3	29.2	25.9	27.4
8	14.9	9.5	11.7	10.7	6.5	8.4	20.1	16.5	17.8	28.6	25.9	27.4
9	17.4	14.0	15.1	8.8	5.7	7.7	21.3	17.6	19.1	28.3	25.6	27.1
10	18.8	15.4	16.6	9.8	6.2	8.2	20.7	18.5	19.8	28.8	25.4	27.1
11	18.6	15.9	18.0	13.0	7.4	9.6	21.4	18.6	20.0	27.9	26.0	26.9
12	15.9	12.5	14.0	15.1	10.6	12.1	21.3	19.4	20.4	26.8	24.9	25.6
13	---	---	---	18.0	13.5	14.9	25.0	20.4	22.0	30.3	25.1	27.1
14	---	---	---	18.6	17.1	17.9	25.1	22.7	24.1	30.2	27.4	28.3
15	---	---	---	20.6	18.2	19.8	24.7	19.4	22.7	29.3	26.1	27.6
16	---	---	---	22.0	20.3	21.5	23.7	18.6	20.5	30.1	26.8	28.3
17	---	---	---	22.6	21.2	21.7	21.7	19.9	20.8	30.8	27.4	28.8
18	---	---	---	23.2	16.6	21.6	22.2	20.1	21.1	30.7	28.0	29.2
19	---	---	---	18.2	12.2	14.7	25.3	21.6	22.9	31.3	27.8	29.2
20	---	---	---	14.5	10.8	12.9	26.7	23.2	24.8	30.9	27.9	29.2
21	---	---	---	14.3	11.7	12.9	26.9	24.2	25.3	32.4	28.0	29.8
22	---	---	---	17.6	11.8	14.2	27.8	24.3	25.8	32.7	28.5	30.3
23	---	---	---	18.5	15.1	16.4	26.1	21.9	24.6	33.3	29.6	30.9
24	---	---	---	20.6	17.1	18.3	23.6	20.4	21.8	32.9	29.5	31.1
25	---	---	---	22.2	19.8	20.6	24.6	20.8	22.5	33.0	29.6	31.1
26	---	---	---	20.7	14.2	18.1	26.8	22.7	23.9	32.2	29.6	30.5
27	---	---	---	15.9	13.3	14.5	27.4	24.2	25.6	30.6	28.3	29.6
28	---	---	---	19.2	15.2	16.6	28.2	24.4	26.2	31.5	28.6	29.7
29	18.7	12.3	14.1	18.7	17.7	18.3	26.6	21.9	25.3	30.5	28.1	29.5
30	---	---	---	21.1	18.3	19.3	22.2	17.1	20.2	31.8	28.2	29.5
31	---	---	---	22.9	19.7	21.0	---	---	---	30.9	28.8	29.9
MONTH	---	---	---	23.2	5.7	15.7	28.2	13.0	21.5	33.3	20.9	28.2

MISSISSIPPI RIVER DELTA
07381316 BAYOU JEAN LACROIX NR MONTEGUT, LA

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN	MAX	MIN SEPTEMBER	MEAN
1	30.6	28.4	29.5	32.6	30.0	31.1	30.0	28.5	29.3	30.4	28.3	29.2
2	---	---	---	33.1	29.5	31.0	29.0	28.3	28.7	31.6	28.2	29.7
3	---	---	---	33.7	30.0	31.5	31.6	28.1	29.4	31.8	28.5	30.2
4	---	---	---	32.9	30.5	31.6	34.1	29.9	31.4	33.2	28.7	30.8
5	31.7	28.4	29.6	33.5	30.5	31.9	31.9	30.5	31.3	33.1	29.4	31.0
6	31.1	28.2	29.5	34.8	31.2	32.5	32.2	29.6	31.0	31.7	29.5	30.6
7	29.5	27.0	28.6	32.5	30.1	31.6	31.4	29.8	30.5	33.2	29.7	31.1
8	29.0	25.5	27.1	30.1	27.6	28.5	33.4	29.8	31.3	33.1	30.2	31.4
9	30.5	25.7	27.3	31.8	27.5	29.2	33.3	29.7	31.5	31.3	29.8	30.7
10	32.0	27.3	28.8	32.6	29.0	30.4	32.7	29.5	30.4	32.8	29.9	31.0
11	31.1	27.1	29.0	34.0	30.1	31.4	30.1	28.0	29.3	32.0	30.4	30.8
12	31.0	27.9	29.3	34.9	30.5	32.0	31.2	27.1	28.9	32.0	29.9	30.7
13	29.5	27.8	28.8	34.4	31.2	32.2	30.5	28.0	28.9	31.4	29.6	30.4
14	31.5	27.7	29.3	32.7	30.4	31.6	31.2	29.0	29.8	30.1	28.9	29.6
15	32.7	29.1	30.4	32.0	30.0	30.9	---	---	---	29.1	27.3	28.4
16	33.3	29.6	31.2	33.0	30.1	31.3	32.2	29.7	30.5	30.0	27.4	28.6
17	32.1	30.3	31.2	32.0	30.1	31.1	31.3	30.0	30.7	31.8	28.3	29.8
18	32.7	29.7	31.0	31.9	29.4	30.5	30.6	29.3	30.0	32.3	28.2	30.3
19	30.9	29.1	30.4	33.3	30.0	31.2	32.3	29.4	30.5	30.2	27.8	28.7
20	31.8	28.7	29.9	34.4	30.3	31.7	31.3	29.6	30.4	28.3	25.9	27.5
21	33.7	29.2	30.8	33.6	31.0	31.9	30.3	28.0	28.8	26.9	25.4	26.3
22	32.8	30.4	31.6	34.1	31.1	32.2	29.4	27.4	28.2	29.4	25.9	27.2
23	34.7	31.1	32.1	33.9	31.4	32.3	29.7	27.6	28.5	29.2	26.7	27.8
24	32.5	30.0	31.3	33.3	30.9	32.1	31.6	28.2	29.6	28.9	27.3	28.0
25	34.1	29.4	31.5	32.3	28.0	30.3	32.7	29.6	30.7	29.4	27.6	28.4
26	35.7	31.3	33.3	30.3	27.5	29.0	32.6	30.4	31.2	30.2	28.1	28.6
27	33.7	26.6	30.8	31.9	28.4	29.8	32.7	30.5	31.3	28.7	26.8	28.0
28	30.3	26.6	28.5	32.2	29.6	30.6	32.6	30.5	31.4	27.3	23.8	25.8
29	31.9	28.5	29.8	31.0	28.7	30.1	32.4	29.8	30.6	24.0	20.8	22.3
30	32.5	29.7	30.7	32.1	28.4	29.8	30.8	29.5	30.2	22.8	20.7	21.8
31	---	---	---	30.7	29.1	30.1	29.5	27.9	28.9	---	---	---
MONTH	35.7	25.5	30.0	34.9	27.5	31.0	34.1	27.1	30.1	33.2	20.7	28.8

MISSISSIPPI RIVER DELTA

07381323 BAYOU DU LARGE AT THERIOT, LA

LOCATION.--Lat 29°27'45", long 90°45'05", Sec. 27, T. 18 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302. Located in canal near bridge off Highway 315, 0.2 mi north of Marmande Canal, at Theriot.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--November 1994 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is an assumed elevation.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 7.64 ft, July 31, 1995; minimum recorded, 5.46 ft, Mar. 9, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 7.52 ft, Oct. 5; minimum recorded, 5.46 ft, Mar. 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.28	7.20	7.25	7.17	6.86	7.03	---	---	---	6.37	6.37	6.37
2	7.34	7.22	7.29	7.09	6.91	7.02	6.49	6.21	6.32	6.37	6.37	6.37
3	7.45	7.32	7.38	7.09	6.73	6.97	6.61	6.40	6.49	6.37	6.33	6.36
4	7.38	7.35	7.36	6.73	6.37	6.50	6.63	6.37	6.49	6.37	6.19	6.26
5	7.52	7.35	7.44	6.51	6.36	6.42	6.61	6.38	6.49	6.37	6.30	6.35
6	7.47	7.34	7.39	6.79	6.51	6.60	6.59	6.37	6.47	6.37	6.37	6.37
7	7.34	7.17	7.24	6.93	6.72	6.82	6.64	6.21	6.41	6.37	5.99	6.18
8	7.20	7.07	7.14	6.72	6.31	6.47	6.48	6.23	6.31	5.99	5.83	5.89
9	7.17	6.98	7.07	6.63	6.35	6.45	6.58	6.01	6.34	5.89	5.83	5.87
10	7.04	6.83	6.94	6.97	6.63	6.84	6.01	5.69	5.81	5.85	5.77	5.81
11	6.96	6.74	6.85	7.17	6.57	6.91	6.01	5.80	5.90	6.22	5.80	6.05
12	7.05	6.82	6.96	6.57	6.29	6.43	6.10	5.93	6.01	6.21	5.83	6.00
13	7.18	6.95	7.10	6.68	6.40	6.55	6.37	6.10	6.27	5.97	5.73	5.82
14	7.22	6.80	7.06	6.49	6.19	6.33	6.37	6.33	6.36	6.21	5.87	6.00
15	6.80	6.60	6.68	6.46	6.25	6.40	6.37	6.27	6.34	6.23	5.95	6.07
16	6.92	6.63	6.78	6.45	6.15	6.31	6.37	6.31	6.35	6.36	6.03	6.16
17	6.82	6.69	6.74	6.30	6.11	6.15	6.37	6.37	6.37	6.38	6.21	6.33
18	6.92	6.70	6.85	6.49	6.30	6.38	6.37	6.37	6.37	6.39	6.38	6.39
19	6.98	6.83	6.94	6.58	6.33	6.44	6.37	6.37	6.37	6.39	6.01	6.20
20	7.04	6.63	6.87	6.77	6.58	6.67	6.37	6.17	6.28	6.33	6.01	6.18
21	6.71	6.54	6.62	6.79	6.41	6.57	6.33	6.11	6.22	6.38	6.14	6.27
22	6.87	6.68	6.75	6.57	6.33	6.46	6.36	6.06	6.21	6.33	6.07	6.20
23	6.96	6.81	6.88	6.75	6.56	6.66	6.25	6.02	6.14	6.38	6.19	6.32
24	6.99	6.68	6.82	6.79	6.39	6.58	6.26	6.01	6.13	6.38	6.23	6.34
25	6.83	6.61	6.73	6.57	6.36	6.47	6.18	5.97	6.07	6.27	6.03	6.13
26	6.98	6.77	6.87	6.63	6.37	6.51	6.09	5.85	5.97	6.39	6.27	6.38
27	7.22	6.88	7.12	6.91	6.53	6.74	6.00	5.89	5.95	6.39	6.36	6.39
28	7.19	6.77	7.00	6.83	6.47	6.70	6.00	5.82	5.90	6.38	6.10	6.24
29	6.85	6.63	6.74	6.47	6.21	6.35	6.09	5.81	5.90	6.38	6.33	6.37
30	6.77	6.51	6.67	6.41	6.06	6.17	6.37	6.07	6.17	6.39	6.38	6.39
31	7.00	6.53	6.83	---	---	---	6.37	6.33	6.36	6.39	6.27	6.35
MONTH	7.52	6.51	6.98	7.17	6.06	6.56	---	---	---	6.39	5.73	6.21

MISSISSIPPI RIVER DELTA
07381323 BAYOU DU LARGE AT THERIOT, LA--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.38	6.20	6.31	6.32	5.87	5.99	6.30	5.96	6.07	6.63	6.36	6.50
2	6.39	6.38	6.39	6.38	6.26	6.35	6.04	5.84	5.94	6.60	6.44	6.53
3	6.39	6.20	6.35	6.38	6.21	6.30	6.28	6.00	6.16	6.61	6.36	6.49
4	6.20	5.89	6.00	6.37	6.16	6.25	6.34	6.11	6.22	6.71	6.39	6.55
5	5.89	5.81	5.85	6.71	6.24	6.49	6.25	6.16	6.21	6.74	6.46	6.60
6	6.01	5.85	5.94	6.85	6.71	6.81	6.30	6.04	6.14	6.70	6.45	6.58
7	6.28	5.95	6.12	6.86	6.12	6.51	6.46	5.98	6.15	6.75	6.43	6.58
8	6.38	6.28	6.36	6.12	5.62	5.83	6.79	6.29	6.51	6.81	6.52	6.66
9	6.35	6.21	6.26	5.64	5.46	5.54	6.74	6.36	6.54	6.88	6.60	6.73
10	6.38	6.19	6.30	5.70	5.52	5.59	6.70	6.36	6.53	6.88	6.68	6.79
11	6.38	6.17	6.26	5.88	5.56	5.68	6.78	6.50	6.63	6.84	6.56	6.69
12	6.18	5.87	6.02	6.22	5.76	5.94	6.78	6.49	6.62	6.56	6.29	6.38
13	6.37	6.01	6.16	6.28	5.92	6.10	6.83	6.61	6.71	6.60	6.36	6.49
14	6.50	6.15	6.28	6.38	6.04	6.21	7.00	6.58	6.71	6.46	6.36	6.43
15	6.53	6.29	6.41	6.38	6.32	6.37	7.08	6.48	6.82	6.66	6.34	6.52
16	6.51	5.95	6.19	6.38	6.38	6.38	6.48	6.26	6.35	6.70	6.39	6.55
17	6.03	5.81	5.89	6.38	6.38	6.38	6.60	6.30	6.45	6.80	6.46	6.63
18	6.14	5.97	6.04	6.38	6.38	6.38	6.84	6.45	6.65	6.78	6.52	6.65
19	6.38	6.11	6.33	6.38	6.11	6.29	6.92	6.60	6.76	6.78	6.48	6.63
20	6.38	6.31	6.37	6.11	5.68	5.88	7.08	6.86	6.96	6.85	6.53	6.69
21	6.32	6.20	6.28	5.72	5.60	5.65	6.92	6.72	6.83	6.86	6.58	6.72
22	6.38	6.15	6.29	5.95	5.60	5.75	7.12	6.82	6.96	6.76	6.54	6.64
23	6.33	6.21	6.25	6.12	5.79	5.92	7.11	6.66	6.85	6.66	6.46	6.57
24	6.28	6.05	6.17	6.38	6.06	6.21	6.67	6.41	6.53	6.62	6.44	6.54
25	6.37	6.05	6.18	6.38	6.37	6.38	6.95	6.58	6.75	6.66	6.46	6.55
26	6.38	6.22	6.31	6.38	6.16	6.25	6.95	6.68	6.79	6.88	6.65	6.76
27	6.39	6.33	6.37	6.38	6.00	6.16	6.68	6.43	6.53	7.04	6.84	6.94
28	6.39	5.99	6.25	6.38	6.30	6.36	6.88	6.60	6.78	7.03	6.86	6.97
29	5.99	5.67	5.82	6.38	6.24	6.33	7.04	6.75	6.93	6.98	6.80	6.88
30	---	---	---	6.38	6.38	6.38	6.75	6.39	6.49	6.88	6.70	6.80
31	---	---	---	6.38	6.30	6.38	---	---	---	6.92	6.65	6.79
MONTH	6.53	5.67	6.20	6.86	5.46	6.16	7.12	5.84	6.55	7.04	6.29	6.64

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.99	6.71	6.86	6.77	6.53	6.65	7.01	6.91	6.96	6.86	6.74	6.80
2	7.04	6.84	6.94	6.82	6.62	6.71	7.01	6.95	6.99	6.89	6.75	6.84
3	7.00	6.80	6.90	6.79	6.63	6.71	6.96	6.86	6.91	6.87	6.77	6.83
4	7.04	6.74	6.87	6.75	6.59	6.67	6.86	6.75	6.82	6.81	6.71	6.78
5	6.96	6.77	6.86	6.70	6.57	6.61	6.81	6.71	6.76	6.78	6.69	6.74
6	6.92	6.74	6.83	6.59	6.53	6.56	6.89	6.71	6.81	6.81	6.68	6.74
7	6.95	6.73	6.83	6.75	6.53	6.63	6.99	6.79	6.89	6.71	6.61	6.66
8	7.00	6.67	6.83	6.97	6.75	6.88	6.99	6.91	6.94	6.75	6.57	6.65
9	6.67	6.50	6.56	6.85	6.63	6.74	7.11	6.86	6.94	6.73	6.63	6.67
10	6.52	6.44	6.48	6.73	6.56	6.62	7.07	6.95	7.00	6.67	6.61	6.63
11	6.68	6.44	6.57	6.89	6.55	6.68	6.96	6.90	6.93	6.61	6.55	6.57
12	6.84	6.49	6.68	6.85	6.64	6.73	6.95	6.86	6.90	6.65	6.57	6.60
13	6.90	6.66	6.78	6.77	6.55	6.65	6.95	6.87	6.93	6.65	6.60	6.62
14	6.85	6.63	6.73	6.87	6.61	6.72	6.87	6.63	6.72	6.72	6.63	6.66
15	6.83	6.60	6.71	6.89	6.71	6.80	6.89	6.53	6.65	7.04	6.72	6.88
16	6.79	6.59	6.68	6.89	6.72	6.80	6.89	6.73	6.79	7.21	7.04	7.16
17	6.77	6.55	6.65	7.05	6.77	6.89	6.77	6.68	6.72	7.15	6.89	7.04
18	6.78	6.55	6.67	7.10	6.98	7.04	6.77	6.72	6.75	6.89	6.76	6.84
19	6.95	6.63	6.75	7.05	6.95	7.00	6.77	6.63	6.70	6.95	6.75	6.86
20	6.89	6.75	6.82	6.95	6.80	6.88	6.80	6.63	6.74	7.28	6.91	7.07
21	6.81	6.65	6.73	6.88	6.66	6.75	6.98	6.80	6.91	7.28	7.17	7.22
22	6.75	6.61	6.68	6.66	6.47	6.56	7.15	6.98	7.09	7.18	7.05	7.13
23	6.71	6.62	6.65	6.47	6.29	6.38	7.21	7.14	7.18	7.06	7.01	7.04
24	6.73	6.56	6.62	6.57	6.25	6.39	7.20	7.11	7.15	7.01	6.98	7.00
25	6.64	6.55	6.59	6.68	6.56	6.62	7.17	7.08	7.12	6.98	6.93	6.95
26	6.59	6.47	6.55	6.69	6.58	6.64	7.13	7.05	7.08	7.09	6.93	6.99
27	6.75	6.42	6.57	6.85	6.53	6.68	7.09	6.99	7.04	7.18	7.07	7.13
28	6.68	6.57	6.62	6.91	6.78	6.84	7.03	6.95	6.99	7.18	7.06	7.13
29	6.72	6.52	6.61	6.99	6.80	6.88	6.97	6.85	6.89	7.06	6.94	7.00
30	6.69	6.53	6.61	7.01	6.87	6.94	6.86	6.78	6.82	6.99	6.93	6.96
31	---	---	---	7.03	6.89	6.96	6.87	6.77	6.83	---	---	---
MONTH	7.04	6.42	6.71	7.10	6.25	6.73	7.21	6.53	6.90	7.28	6.55	6.87

MISSISSIPPI RIVER DELTA
07381323 BAYOU DU LARGE AT THERIOT, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1994 to current year.

WATER TEMPERATURES: November 1994 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 24,900 microsiemens, Oct. 6, 1996; minimum daily, 209 microsiemens, July. 31, 1996.

WATER TEMPERATURES: Maximum daily, 32.9 °C, May 23, 1996; minimum daily, 3.2 °C, Feb. 5, 1996.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum daily, 24,900 microsiemens, Oct. 6; minimum daily, 286 microsiemens, Apr. 6.

WATER TEMPERATURES: Maximum daily, 32.9 °C, May 23; minimum daily, 3.2 °C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9270	3550	7320	3520	3120	3250	---	---	---	686	336	379
2	19500	9270	12600	3760	3370	3570	2880	1390	2410	499	338	397
3	23800	19500	22800	3470	1210	2220	1570	1290	1370	637	499	556
4	23400	21500	22600	2410	1230	1810	2050	1280	1640	845	637	739
5	24900	21100	22800	3700	2410	3220	2340	1420	1810	1070	845	985
6	24900	24300	24600	3700	1490	2920	2430	1380	1830	1360	425	903
7	24300	21000	22500	2280	1390	1540	2760	1380	1950	560	412	467
8	21100	18400	19700	3790	2280	3020	3260	1790	3020	769	560	656
9	19500	17200	18400	4100	1770	3870	3250	1780	2560	866	665	766
10	17200	10900	14500	1770	1450	1540	3610	3180	3380	1020	755	855
11	10900	7380	9290	1790	1500	1590	3420	3100	3280	964	567	759
12	7450	3550	5290	3440	1790	2460	3260	2870	3040	1090	579	905
13	6190	2980	4010	3490	1580	2140	3190	1720	2060	1060	786	974
14	4720	2910	3420	4050	2800	3500	3150	1730	2210	1040	738	866
15	7100	4680	5900	4240	1990	3020	4090	1720	2800	1110	777	928
16	7340	2340	4750	4140	3650	3810	4290	2000	3370	1210	924	1040
17	6960	6090	6620	4640	4140	4500	3790	1960	2680	1400	977	1160
18	7050	2260	3980	4390	1830	2540	5900	3510	4640	1340	997	1090
19	5040	1920	2670	3520	1590	2360	4940	2360	4180	1060	908	1020
20	3550	1860	2270	2630	1050	1640	2360	1860	2080	1040	909	992
21	5930	3040	4900	2010	1040	1540	2550	2140	2360	1230	1040	1130
22	4170	1990	2880	2280	1830	2030	2740	2340	2560	1290	1230	1250
23	2180	1940	2040	2230	1300	1540	2720	2610	2660	1400	993	1330
24	2710	2000	2150	2110	1250	1710	2740	2520	2640	1060	824	1020
25	3740	2180	2750	2570	1760	2070	2710	2540	2640	947	742	803
26	3060	2160	2230	2570	1300	1800	2670	2520	2600	1130	947	1050
27	2930	2220	2430	2410	1260	1370	2680	2500	2600	1140	821	991
28	4270	2870	3450	1850	1280	1380	2780	2380	2580	866	768	814
29	2870	2480	2610	2630	1850	2190	2870	1740	2680	881	769	813
30	2930	2470	2670	3240	1510	2890	2780	1610	2060	928	837	869
31	3120	2670	2990	---	---	---	3190	686	1980	940	684	810
MONTH	24900	1860	8620	4640	1040	2430	5900	686	2590	1400	336	881

MISSISSIPPI RIVER DELTA

07381323 BAYOU DU LARGE AT THERIOT, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	814	681	748	745	724	732	1910	1110	1500	769	670	730
2	786	429	545	800	745	779	1850	882	1360	747	671	708
3	468	409	445	800	774	788	1950	696	1330	768	687	739
4	530	429	460	810	744	778	1300	1030	1110	813	732	775
5	599	530	560	865	777	818	1690	1300	1540	849	801	829
6	661	599	626	748	727	740	1620	286	832	940	832	886
7	732	661	698	790	745	757	1500	858	1130	948	872	911
8	740	567	677	745	695	725	1660	776	1390	905	856	879
9	644	522	573	722	691	704	1350	842	1150	856	747	779
10	731	526	619	740	676	705	1350	970	1160	765	707	733
11	825	557	692	750	689	709	1470	1040	1230	752	708	733
12	815	548	636	750	694	719	1500	1230	1350	832	717	772
13	816	557	651	782	735	758	1490	1380	1440	867	832	853
14	883	625	788	799	760	788	1530	808	1290	897	851	874
15	799	756	785	788	747	768	861	808	842	912	841	884
16	811	564	714	769	751	761	881	849	866	906	859	886
17	655	561	594	859	769	825	881	817	839	919	885	899
18	696	639	658	1090	859	972	821	664	757	927	871	889
19	718	651	693	1030	865	918	793	679	751	907	838	854
20	734	713	723	898	858	872	885	793	840	870	810	837
21	734	716	720	949	852	912	884	859	871	909	794	855
22	777	674	730	943	706	842	895	712	850	919	828	884
23	773	699	732	993	758	870	870	687	775	944	753	822
24	704	668	684	1420	993	1240	870	812	837	802	764	793
25	716	684	696	1920	1300	1630	824	721	785	808	724	786
26	734	702	714	1850	1390	1590	765	758	761	724	610	672
27	743	711	727	1700	1230	1490	792	761	782	610	460	551
28	757	733	745	1860	1110	1590	784	577	663	460	388	420
29	777	738	761	1950	1610	1740	673	608	648	516	384	440
30	---	---	---	2110	1510	1860	742	625	664	696	516	606
31	---	---	---	1930	1700	1840	---	---	---	801	632	744
MONTH	883	409	669	2110	676	1010	1950	286	1010	948	384	775

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	885	387	679	574	429	527	1310	615	1020	---	---	---
2	911	383	688	527	423	474	1170	374	702	---	---	---
3	1000	832	942	530	424	472	1320	724	1180	---	---	---
4	1090	1000	1060	539	425	489	1430	1310	1360	---	---	---
5	1040	988	1010	560	434	533	1490	1260	1360	---	---	---
6	988	960	971	561	537	546	1670	1250	1530	---	---	---
7	971	954	964	559	405	489	1690	1160	1550	---	---	---
8	958	801	856	452	424	440	1850	1580	1740	---	---	---
9	812	742	763	514	435	469	1980	447	1500	---	---	---
10	766	745	753	569	377	515	1600	456	1210	---	---	---
11	766	691	726	481	354	443	1540	1370	1490	---	---	---
12	725	597	662	369	308	340	1630	356	1130	---	---	---
13	689	590	643	381	357	367	1550	416	1210	---	---	---
14	683	659	679	412	376	400	1370	558	1010	---	---	---
15	697	678	682	413	394	404	1350	1100	1240	---	---	---
16	692	685	688	435	334	408	---	---	---	---	---	---
17	705	685	694	338	320	327	---	---	---	---	---	---
18	709	703	706	383	333	353	---	---	---	---	---	---
19	703	513	654	392	376	383	---	---	---	---	---	---
20	638	590	621	425	392	409	---	---	---	---	---	---
21	590	496	521	427	379	400	---	---	---	---	---	---
22	705	499	530	381	371	376	---	---	---	---	---	---
23	559	544	551	377	368	372	---	---	---	---	---	---
24	578	556	568	428	372	399	---	---	---	---	---	---
25	576	566	570	429	343	375	---	---	---	---	---	---
26	571	553	559	397	356	383	---	---	---	---	---	---
27	568	437	545	988	383	511	---	---	---	---	---	---
28	552	437	524	1600	988	1400	---	---	---	---	---	---
29	559	544	550	1520	511	1020	---	---	---	---	---	---
30	566	547	557	1360	812	1100	---	---	---	---	---	---
31	---	---	---	1410	951	1290	---	---	---	---	---	---
MONTH	1090	383	697	1600	308	529	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07381323 BAYOU DU LARGE AT THERIOT, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28.3	26.5	27.3	23.7	20.9	22.2	---	---	---	16.4	14.1	15.3
2	27.8	26.8	27.4	25.3	23.5	24.3	17.3	13.5	15.0	16.2	12.9	15.1
3	27.8	26.1	27.1	23.9	18.1	21.2	19.9	17.3	18.3	12.9	10.0	11.4
4	26.1	25.1	25.5	18.1	15.6	16.5	21.1	19.6	20.2	11.4	7.2	9.5
5	26.7	23.6	25.3	16.2	14.6	15.4	22.5	20.5	21.5	14.0	9.9	11.7
6	26.5	25.7	26.0	18.7	15.5	17.0	22.4	21.3	21.9	13.2	10.9	12.4
7	25.8	24.2	24.9	20.9	18.4	20.0	22.1	18.5	20.9	10.9	6.4	8.8
8	24.3	22.3	23.0	20.3	17.5	18.7	19.6	17.4	18.3	7.6	3.9	5.7
9	22.6	21.3	21.8	17.5	15.8	16.8	19.6	12.0	16.6	9.3	3.9	6.4
10	21.5	20.1	20.9	19.8	17.5	18.6	12.0	8.9	10.2	11.4	6.2	8.6
11	22.1	20.8	21.3	20.4	17.1	19.6	10.3	7.9	9.2	13.0	9.5	10.9
12	23.3	22.1	22.9	17.1	14.3	15.3	12.6	9.5	10.9	12.5	9.2	10.8
13	23.6	22.8	23.4	15.6	13.2	14.5	15.9	12.2	13.7	11.1	7.8	9.6
14	24.7	22.0	23.8	15.7	14.5	15.2	17.7	15.0	16.2	15.1	9.5	12.0
15	22.0	19.5	20.2	14.9	13.6	14.3	19.9	17.1	18.3	15.1	12.9	14.0
16	19.5	18.3	18.9	15.9	14.3	15.1	21.2	19.1	19.9	17.8	14.3	15.8
17	19.2	18.9	19.0	15.7	13.8	14.6	21.8	20.4	20.9	20.1	16.6	18.2
18	20.9	19.2	20.3	18.4	15.7	17.3	20.7	19.5	20.2	19.4	14.1	18.4
19	23.0	20.5	21.8	19.0	17.5	18.1	20.2	14.1	17.3	14.1	9.9	11.3
20	23.3	20.6	22.7	19.4	18.1	18.8	14.1	11.6	12.6	10.0	8.0	8.7
21	20.6	18.2	19.1	18.9	17.1	18.1	11.6	9.6	10.3	10.9	9.0	9.9
22	21.1	18.0	19.2	17.1	14.4	15.8	10.3	7.8	9.0	12.1	10.9	11.3
23	23.0	20.7	21.1	18.3	15.4	16.8	8.8	5.9	7.5	14.6	12.1	12.7
24	23.5	22.5	23.1	18.3	15.2	17.2	8.6	6.0	7.5	16.2	13.0	15.3
25	22.5	21.4	21.8	15.4	13.6	14.6	9.0	6.8	7.9	13.0	10.8	11.8
26	23.1	21.9	22.4	15.5	13.5	14.4	9.0	7.2	8.2	18.6	12.5	15.1
27	25.7	23.1	24.3	19.1	14.7	17.1	10.2	7.8	8.9	18.0	12.3	15.3
28	25.2	22.3	23.9	20.2	16.9	18.6	10.1	6.9	8.1	12.3	10.4	11.4
29	22.3	19.3	20.4	16.9	14.5	15.3	8.9	5.2	6.9	13.0	12.0	12.4
30	19.3	17.7	18.6	14.8	12.1	13.3	12.4	7.7	9.5	15.3	13.0	14.1
31	21.1	17.7	19.5	---	---	---	14.1	11.8	12.6	16.3	13.3	15.2
MONTH	28.3	17.7	22.5	25.3	12.1	17.2	22.5	5.2	13.9	20.1	3.9	12.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.3	11.9	12.6	11.8	10.3	11.1	22.3	17.3	19.6	22.7	19.2	20.6
2	12.2	8.1	9.9	15.3	11.3	12.7	20.2	15.3	17.0	22.2	20.6	21.3
3	8.4	5.7	7.2	15.4	12.6	14.0	19.6	18.1	18.8	23.3	21.6	22.4
4	6.3	3.4	4.9	17.1	14.5	15.6	19.5	18.5	19.0	24.5	22.9	23.6
5	6.6	3.2	4.6	20.4	17.0	17.8	19.5	18.9	19.2	26.1	24.5	25.1
6	8.1	5.5	6.4	21.4	20.1	20.6	18.9	13.4	14.9	26.5	25.3	25.9
7	10.3	8.1	8.8	21.4	12.6	17.8	14.9	12.4	13.6	26.8	25.1	26.0
8	15.9	10.3	12.3	13.6	9.0	11.1	22.0	14.9	17.1	27.2	26.0	26.6
9	15.0	12.2	13.5	11.5	6.3	8.9	20.7	18.1	19.1	27.4	26.5	26.9
10	17.0	14.3	15.4	11.5	6.2	8.8	20.4	18.5	19.7	27.4	26.6	27.0
11	18.4	15.2	17.3	12.0	7.3	9.6	20.6	19.4	20.2	27.4	26.5	26.9
12	15.3	12.1	13.8	18.3	9.7	13.1	21.2	20.5	20.9	27.3	24.3	26.0
13	14.3	9.6	11.7	19.4	14.2	16.7	22.0	21.1	21.4	27.1	25.6	26.2
14	16.1	12.5	14.1	22.5	17.0	19.7	26.0	22.0	23.4	26.4	25.2	25.6
15	17.5	15.4	16.2	23.9	19.7	21.7	25.7	21.5	23.5	26.9	25.1	25.7
16	16.3	11.2	14.2	24.6	21.8	23.0	21.5	17.7	19.7	27.2	25.5	26.2
17	12.2	8.2	10.3	24.5	22.1	23.2	21.4	18.9	19.8	28.1	26.3	27.1
18	13.2	10.5	11.8	24.3	17.9	22.6	22.3	19.7	20.8	28.1	26.8	27.4
19	18.2	13.2	15.6	20.2	15.0	17.1	25.2	21.8	23.1	28.1	26.2	27.1
20	18.8	17.4	18.0	17.7	11.9	14.6	27.4	23.8	25.4	27.8	26.6	27.2
21	19.0	17.2	18.0	17.5	10.3	13.5	26.3	24.2	25.0	29.2	26.8	27.5
22	21.6	17.9	19.7	20.6	11.6	15.7	26.5	24.6	25.3	28.4	26.9	27.4
23	20.8	19.1	19.9	19.6	14.3	16.8	26.1	22.7	24.4	32.9	26.7	29.3
24	20.9	18.4	19.7	22.4	18.2	20.1	22.9	19.4	21.3	31.3	26.8	28.2
25	22.2	20.1	21.0	22.5	21.0	21.8	26.8	20.5	23.2	32.1	27.6	29.1
26	23.5	21.4	22.4	22.2	15.9	18.8	25.4	23.8	24.6	32.7	28.9	30.7
27	25.0	22.6	23.6	15.9	13.3	14.5	26.4	23.9	25.3	31.5	29.3	30.5
28	24.1	17.9	22.3	19.7	15.6	17.2	27.5	25.1	26.3	31.7	28.8	30.1
29	17.9	11.5	14.4	18.8	17.9	18.3	27.1	23.4	26.2	31.2	28.3	29.3
30	---	---	---	20.9	18.7	19.5	23.6	19.5	21.9	29.0	26.2	27.3
31	---	---	---	22.7	20.9	21.6	---	---	---	29.3	25.9	27.2
MONTH	25.0	3.2	14.5	24.6	6.2	16.7	27.5	12.4	21.3	32.9	19.2	26.7

MISSISSIPPI RIVER DELTA
07381323 BAYOU DU LARGE AT THERIOT, LA

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.8	26.6	28.3	31.2	27.4	28.7	28.3	26.4	27.5	---	---	---
2	30.0	27.1	28.1	31.3	27.2	29.0	28.0	26.7	27.1	---	---	---
3	28.3	26.0	27.0	31.2	27.6	29.2	30.3	26.5	28.1	---	---	---
4	28.1	25.6	26.8	31.3	28.9	29.8	31.2	27.4	29.4	---	---	---
5	28.6	25.5	26.9	30.9	28.6	29.1	30.5	28.4	29.6	---	---	---
6	28.2	25.9	27.1	29.6	29.2	29.4	30.2	28.1	28.9	---	---	---
7	28.0	26.4	27.0	31.3	28.7	29.7	29.4	28.4	28.8	---	---	---
8	29.0	25.2	26.8	30.1	28.2	28.8	29.4	27.6	28.1	---	---	---
9	28.9	24.1	26.4	29.1	26.7	27.6	30.5	27.6	28.9	---	---	---
10	28.7	23.7	25.8	29.4	27.6	28.4	29.7	26.8	28.2	---	---	---
11	27.8	25.9	26.6	29.4	26.5	27.4	28.2	26.8	27.3	---	---	---
12	29.2	26.4	27.9	30.7	25.8	28.0	28.7	25.9	27.1	---	---	---
13	28.4	26.5	27.1	29.5	27.2	28.3	28.5	26.0	27.2	---	---	---
14	27.9	26.1	26.8	29.1	27.5	28.3	30.2	26.2	28.2	---	---	---
15	28.5	26.2	27.2	30.5	27.6	28.5	---	---	---	---	---	---
16	28.6	27.2	27.7	30.1	27.6	28.6	---	---	---	---	---	---
17	29.0	27.5	28.1	29.5	27.5	28.2	---	---	---	---	---	---
18	28.6	27.6	27.9	30.2	27.2	28.5	---	---	---	---	---	---
19	28.0	27.2	27.5	29.5	27.8	28.5	---	---	---	---	---	---
20	29.3	26.3	27.4	30.0	28.2	29.0	---	---	---	---	---	---
21	29.8	26.8	28.3	29.6	27.1	28.2	---	---	---	---	---	---
22	29.8	27.4	28.5	29.8	27.7	28.7	---	---	---	---	---	---
23	30.0	27.1	28.4	30.4	28.0	29.0	---	---	---	---	---	---
24	28.9	26.9	27.8	30.4	28.2	29.0	---	---	---	---	---	---
25	29.5	26.7	27.6	29.2	27.2	28.0	---	---	---	---	---	---
26	29.8	27.3	28.3	27.7	26.1	26.7	---	---	---	---	---	---
27	29.5	26.6	27.8	28.5	25.9	27.2	---	---	---	---	---	---
28	28.6	25.6	26.6	29.2	26.5	27.8	---	---	---	---	---	---
29	28.6	26.5	27.0	28.6	26.7	27.7	---	---	---	---	---	---
30	28.3	27.3	27.6	28.5	26.3	27.3	---	---	---	---	---	---
31	---	---	---	28.5	27.5	27.8	---	---	---	---	---	---
MONTH	30.8	23.7	27.4	31.3	25.8	28.4	31.2	25.9	28.2	---	---	---

MISSISSIPPI RIVER DELTA

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 Sept. 30, 1988 (daily discharges below 6.0 ft stage only, discontinued); January 1989 to current year.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 4.00 ft below sea level. Prior to Oct. 1, 1985, datum of gage 2.00 ft higher.

REMARKS.--No estimated daily discharge. Records poor. No velocity record: Apr. 29-May 14, May 28-June 12, July 9, July 23-Aug. 20, Sept. 10-24. This site affected by tide and wind daily. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2,640 ft³/s, Oct. 13, 1984; maximum gage height, 8.89 ft, Oct. 28, 1985; maximum negative discharge, -1,470 ft³/s, Oct. 28, 1985; no flow at times each year.

EXTREMES FOR CURRENT PERIOD.--Maximum positive daily discharge recorded, 231 ft³/s, Feb. 2, but may have been higher during periods of missing record; maximum negative daily discharge recorded, -294, Oct. 2, may have been higher during periods of missing record; no flow at times during the year.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-249	-171	-24	-110	-50	-7.3	66	---	---	-70	---	-12
2	-294	-45	-100	68	231	-23	-.50	---	---	-74	---	-12
3	-189	36	-62	92	184	-37	-120	---	---	-59	---	9.6
4	-89	-1.4	-27	-66	122	-59	-96	---	---	-47	---	-4.8
5	-172	-32	-72	-52	-21	-26	-52	---	---	-25	---	-19
6	-44	-80	-52	35	4.5	40	77	---	---	-39	---	-13
7	4.8	3.8	-15	100	-45	165	-40	---	---	-99	---	-8.2
8	-26	15	-128	-20	16	165	-64	---	---	-51	---	-21
9	-11	-137	146	-.74	-18	76	-50	---	---	---	---	32
10	-38	-97	40	-117	-48	-11	-53	---	---	172	---	---
11	-82	82	-1.1	-41	38	16	-81	---	---	140	---	---
12	-151	-14	-53	82	-13	33	-65	---	---	136	---	---
13	-216	-57	-117	-67	-55	-6.1	-10	---	64	58	---	---
14	-63	-27	-137	-64	-66	-27	-98	---	46	42	---	---
15	-81	-101	-124	-49	-30	12	86	-72	-1.7	70	---	---
16	-91	-4.9	-144	-98	25	14	13	-52	-20	33	---	---
17	-88	-79	-186	-103	-15	-35	-121	-63	-26	35	---	---
18	-183	-56	-219	66	-65	19	-99	-43	-35	100	---	---
19	-133	-125	115	97	-79	145	-116	-43	-32	128	---	---
20	-40	-107	48	-37	-16	130	-95	-48	-9.6	157	---	---
21	-88	-2.3	-43	4.7	-30	-43	-109	-7.2	-35	119	-116	---
22	-100	-60	28	-69	-38	-81	-150	19	-16	116	-188	---
23	-140	-67	-59	-134	-49	-69	99	-5.6	-17	---	-69	---
24	-95	11	-81	51	-73	-83	-23	-67	-32	---	-1.3	---
25	-83	-79	-65	-35	-113	-67	-33	-131	-27	---	20	-28
26	-123	-63	-64	-105	-123	-16	15	-115	-29	---	---	-65
27	-76	-29	-94	163	-81	-15	-10	-36	-37	---	-3.2	16
28	-63	-30	9.9	-45	209	-51	-109	---	-19	---	10	86
29	-71	42	-19	-55	133	-81	---	---	-53	---	33	78
30	-57	-51	-122	-11	---	-30	---	---	-48	---	15	19
31	-191	---	-125	-1.2	---	-.98	---	---	---	---	13	---
TOTAL	-3322.2	-1325.8	-1746.2	-521.24	-65.5	46.62	---	---	---	---	---	---
MEAN	-107	-44.2	-56.3	-16.8	-2.26	1.50	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA
07381324 BAYOU GRAND CAILLOU AT DULAC, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.40	.80	.02	.58	.13	-.13	-.37	.12	.66	.34	.56	.48
2	1.44	.71	.01	.34	.20	.05	-.46	.15	.74	.41	.45	.54
3	1.43	.50	.16	-.37	-.41	-.02	-.17	.15	.61	.35	.33	.47
4	1.22	-.03	.07	-.24	-1.01	.01	-.06	.24	.49	.26	.28	.43
5	1.31	.13	.09	-.08	-.83	.29	.01	.31	.47	.21	.42	.43
6	1.04	.28	.04	-.14	-.49	.44	-.21	.29	.48	.18	.54	.45
7	.64	.38	.01	-1.07	-.16	.05	-.14	.34	.42	.38	.70	.34
8	.70	.04	.14	-1.26	-.01	-.79	.18	.48	.20	.54	.67	.37
9	.63	.22	-.12	3.15	-.15	-.90	.19	.60	-.09	---	.51	.32
10	.52	.62	-.70	-.79	-.03	-.78	.28	.60	-.05	.13	.49	.28
11	.58	.43	-.41	-.32	-.19	-.64	.37	.35	.15	.12	.43	.27
12	.76	.02	-.24	-.64	-.43	-.37	.40	.00	.38	.11	.23	.39
13	.92	.22	.06	-.66	-.27	-.29	.36	.15	.40	.17	.22	.41
14	.72	-.05	.15	-.39	-.22	-.11	.43	.08	.35	.28	.15	.54
15	.33	.12	.07	-.36	-.06	.10	.27	.26	.31	.32	.27	.86
16	.50	-.09	.15	-.20	-.43	.21	-.11	.29	.27	.40	.31	1.03
17	.51	-.06	.39	.06	-.57	.40	.17	.38	.24	.69	.46	.69
18	.68	.15	.68	.34	-.44	.27	.34	.40	.27	.85	.54	.54
19	.72	.20	.26	-.32	-.02	-.52	.44	.36	.32	.71	.45	.60
20	.49	.39	-.30	-.17	.04	-1.10	.65	.44	.29	.41	.69	.72
21	.33	.15	-.20	-.11	-.14	-1.04	.63	.44	.24	.25	.97	.88
22	.51	.14	-.25	-.10	-.11	-.73	.85	.29	.20	.06	1.34	.61
23	.64	.34	-.28	.03	-.19	-.33	.53	.23	.15	-.13	1.31	.65
24	.53	.16	-.33	.07	-.18	.14	.21	.22	.16	-.03	1.10	.64
25	.50	.14	-.40	.01	-.14	.19	.35	.33	.12	.11	.94	.63
26	.63	.15	-.46	.56	.02	.23	.30	.63	.08	.19	---	.83
27	.83	.38	-.38	.18	.19	.04	.16	.79	.13	.34	.79	.96
28	.68	.35	-.42	.01	-.10	.11	.53	.72	.11	.45	.66	.80
29	.55	-.02	-.37	.16	-.41	.11	.61	.60	.23	.55	.50	.50
30	.51	-.15	.00	.16	---	.31	-.05	.54	.23	.64	.53	.65
31	.75	---	.22	.07	---	.18	---	.60	---	.64	.47	---
MAX	1.44	.80	.68	3.15	.20	.44	.85	.79	.74	---	---	1.03
MIN	.33	-.15	-.70	-1.26	-1.01	-1.10	-.46	.00	-.09	---	---	.27

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)

LOCATION.--Lat 29°31' 10", long 90°48' 16", Sec. 11, T. 18 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three-pile structure 8.0 mi north of Falgout Canal Boat Landing and 2.0 mi. south of Crozier.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is an assumed elevation.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 2.27 ft, July 31, 1995; minimum recorded, -0.53 ft, Jan. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 2.04 ft, Oct. 3; minimum recorded, -0.53 ft, Jan. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.98	1.63	1.82	1.57	1.31	1.47	1.00	.55	.75	1.67	1.24	1.44
2	1.99	1.73	1.88	1.52	1.31	1.42	1.04	.41	.72	1.69	1.01	1.31
3	2.04	1.75	1.90	1.40	.79	1.21	1.09	.56	.88	1.01	.51	.70
4	1.90	1.68	1.82	.93	.49	.68	1.11	.57	.81	1.06	.35	.63
5	2.03	1.68	1.92	1.08	.64	.82	1.14	.65	.87	1.06	.48	.76
6	1.82	1.61	1.72	1.34	.70	1.00	1.17	.59	.84	1.05	.57	.79
7	1.61	1.16	1.37	1.37	.98	1.15	1.17	.43	.78	.57	-.12	.12
8	1.53	1.17	1.36	1.15	.41	.74	1.20	.58	.84	.22	-.53	-.23
9	1.55	1.07	1.31	1.30	.67	.91	1.25	.20	.65	.25	-.22	.01
10	1.41	.98	1.20	1.54	1.13	1.33	.49	-.19	.08	.25	-.19	.02
11	1.39	.93	1.19	1.57	.82	1.21	.63	.00	.33	.63	.25	.47
12	1.53	1.11	1.35	1.02	.51	.80	.75	.22	.48	.52	.05	.18
13	1.65	1.37	1.52	1.23	.70	.96	.99	.62	.79	.46	-.06	.15
14	1.67	.85	1.34	.96	.46	.68	1.07	.70	.88	.65	.07	.38
15	1.09	.79	.94	.97	.66	.82	1.07	.62	.81	.78	.05	.40
16	1.35	.88	1.14	.92	.44	.63	1.09	.69	.87	.96	.18	.55
17	1.26	1.05	1.15	.88	.51	.62	1.33	.83	1.06	1.26	.44	.79
18	1.40	1.15	1.30	.98	.65	.84	1.69	1.09	1.37	1.31	.92	1.17
19	1.40	1.25	1.36	1.11	.67	.88	1.66	.87	1.19	.92	.26	.56
20	1.46	.78	1.16	1.24	.92	1.08	.91	.39	.64	.93	.31	.61
21	1.16	.85	.99	1.24	.55	.88	.99	.31	.63	1.02	.39	.68
22	1.37	1.02	1.16	1.26	.58	.88	.99	.25	.57	.85	.37	.63
23	1.43	1.09	1.30	1.37	.78	1.09	.89	.21	.53	.97	.54	.75
24	1.44	.94	1.20	1.37	.58	.91	.81	.19	.48	1.23	.62	.84
25	1.42	.90	1.16	1.16	.55	.88	.68	.11	.40	.98	.57	.70
26	1.51	1.07	1.32	1.16	.60	.89	.55	.03	.32	1.55	.98	1.27
27	1.68	1.40	1.55	1.35	.91	1.17	.53	.20	.38	1.41	.74	.95
28	1.68	1.04	1.36	1.36	.77	1.09	.52	.16	.33	1.12	.53	.78
29	1.40	.94	1.18	.91	.55	.74	.73	.16	.38	1.21	.65	.92
30	1.37	.79	1.14	1.00	.44	.60	1.03	.47	.73	1.16	.66	.93
31	1.58	1.10	1.39	---	---	---	1.55	.63	1.04	1.13	.64	.85
MONTH	2.04	.78	1.37	1.57	.41	.95	1.69	-.19	.69	1.69	-.53	.65

MISSISSIPPI RIVER DELTA
07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.23	.58	.85	1.01	.29	.59	.71	.38	.51	1.05	.69	.87
2	1.28	.88	1.06	1.02	.46	.75	.49	.22	.35	.97	.69	.88
3	.91	.40	.64	.91	.32	.63	.67	.34	.54	1.10	.69	.90
4	.40	-.03	.11	.84	.48	.64	.80	.46	.64	1.23	.74	.99
5	.38	-.11	.06	1.17	.84	.97	.81	.55	.70	1.34	.81	1.06
6	.50	.11	.31	1.27	1.08	1.18	.83	.57	.73	1.27	.83	1.05
7	.78	.44	.58	1.24	.33	.80	1.01	.45	.71	1.35	.82	1.09
8	.86	.66	.74	.33	-.19	.11	1.17	.67	.93	1.40	.93	1.18
9	.74	.51	.63	.19	-.27	-.08	1.15	.75	.96	1.50	1.04	1.27
10	1.03	.54	.76	.21	-.25	-.03	1.16	.81	.99	1.43	1.13	1.30
11	.80	.50	.61	.39	-.27	.08	1.21	.89	1.05	1.32	1.03	1.14
12	.79	.16	.42	.75	-.09	.34	1.21	.97	1.08	1.03	.81	.89
13	.84	.23	.54	.76	.03	.42	1.23	.94	1.10	1.12	.77	.94
14	1.01	.32	.62	1.03	.23	.62	1.45	.93	1.17	.93	.75	.86
15	1.04	.44	.73	1.20	.53	.85	1.52	.73	1.13	1.20	.77	1.04
16	.98	.19	.44	1.29	.67	.96	.89	.63	.75	1.28	.81	1.07
17	.60	.01	.27	1.29	.97	1.12	1.14	.63	.91	1.42	.89	1.17
18	.68	.11	.36	1.29	.75	1.07	1.31	.82	1.09	1.39	.97	1.17
19	.88	.53	.74	.75	.25	.47	1.42	.93	1.20	1.41	.86	1.16
20	.95	.65	.77	.25	-.25	-.01	1.54	1.19	1.37	1.49	.97	1.22
21	.71	.44	.61	.05	-.26	-.11	1.49	1.09	1.32	1.45	1.01	1.22
22	.78	.45	.63	.42	-.28	.10	1.61	1.28	1.48	1.27	.93	1.10
23	.62	.46	.55	.62	-.09	.35	1.54	1.03	1.28	1.20	.89	1.03
24	.70	.37	.53	.97	.45	.71	1.25	.83	1.03	1.11	.86	.99
25	.78	.31	.55	1.01	.76	.89	1.36	.91	1.14	1.03	1.00	1.01
26	.89	.48	.69	1.01	.72	.86	1.23	1.00	1.10	1.09	1.02	1.05
27	1.15	.65	.90	.92	.61	.79	1.05	.77	.91	1.17	1.09	1.13
28	1.08	.46	.68	.99	.66	.84	1.38	1.04	1.20	1.21	1.17	1.20
29	.55	.12	.37	1.04	.63	.82	1.47	1.00	1.32	1.25	1.21	1.22
30	---	---	---	1.07	.94	1.00	1.00	.71	.82	1.23	1.19	1.22
31	---	---	---	1.09	.71	.93	---	---	---	1.21	1.19	1.20
MONTH	1.28	-.11	.58	1.29	-.28	.60	1.61	.22	.98	1.50	.69	1.08

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.22	1.18	1.20	1.17	1.14	1.16	1.53	1.50	1.51	1.24	1.12	1.17
2	1.26	1.22	1.24	1.16	1.14	1.15	1.54	1.52	1.53	1.33	1.20	1.28
3	1.26	1.25	1.25	1.15	1.13	1.13	1.52	1.49	1.51	1.29	1.27	1.28
4	1.34	1.23	1.27	1.13	1.10	1.11	1.49	1.07	1.38	1.28	1.24	1.26
5	1.29	1.26	1.27	1.10	1.06	1.08	1.25	1.03	1.15	1.24	1.18	1.21
6	1.26	1.23	1.24	1.11	1.04	1.07	1.39	1.16	1.27	1.19	.96	1.14
7	1.29	1.21	1.25	1.09	1.06	1.07	1.38	1.27	1.33	1.13	.91	1.02
8	1.37	1.07	1.27	1.20	1.09	1.15	1.40	1.38	1.39	1.19	.90	1.07
9	1.07	.92	.97	1.20	1.15	1.19	1.47	1.35	1.39	1.19	1.17	1.18
10	1.05	1.00	1.03	1.38	1.13	1.22	1.47	1.46	1.47	1.17	1.12	1.14
11	1.05	1.01	1.04	1.50	1.34	1.41	1.47	1.46	1.46	1.12	1.08	1.10
12	1.19	1.01	1.09	1.50	1.44	1.47	1.51	1.46	1.47	1.08	1.06	1.06
13	1.25	1.17	1.21	1.44	1.42	1.43	1.51	1.02	1.44	1.06	1.04	1.04
14	1.24	1.20	1.22	1.44	1.42	1.43	1.02	.82	.96	1.08	1.04	1.06
15	1.20	1.17	1.19	1.42	1.38	1.40	1.21	.79	.99	1.22	1.08	1.16
16	1.19	1.16	1.17	1.49	1.36	1.41	1.15	.94	1.02	1.30	1.22	1.27
17	1.17	1.15	1.16	1.51	1.48	1.50	1.22	.94	1.08	1.32	1.30	1.31
18	1.18	1.14	1.16	1.53	1.50	1.51	1.20	1.04	1.15	1.30	1.24	1.28
19	1.30	1.16	1.21	1.54	1.49	1.51	1.13	1.00	1.07	1.36	1.24	1.29
20	1.30	1.16	1.28	1.59	1.36	1.49	1.34	1.04	1.24	1.53	1.36	1.43
21	1.27	1.06	1.17	1.36	1.20	1.30	1.49	1.32	1.41	1.56	1.53	1.55
22	1.29	1.03	1.15	1.20	.95	1.10	1.41	1.40	1.41	1.54	1.52	1.54
23	1.19	1.05	1.12	.95	.72	.85	1.43	1.40	1.42	1.52	1.49	1.51
24	1.28	1.02	1.11	1.12	.71	.86	1.46	1.43	1.45	1.49	1.46	1.47
25	1.11	1.02	1.07	1.40	.74	1.15	1.50	1.44	1.46	1.46	1.42	1.44
26	1.09	1.05	1.08	1.44	1.40	1.43	1.46	1.44	1.45	1.42	1.41	1.41
27	1.27	1.04	1.11	1.44	1.43	1.43	1.44	1.42	1.43	1.50	1.41	1.46
28	1.28	1.25	1.27	1.46	1.42	1.44	1.43	1.39	1.41	1.54	1.50	1.52
29	1.25	1.21	1.24	1.48	1.45	1.47	1.39	1.34	1.37	1.52	1.48	1.50
30	1.21	1.16	1.19	1.47	1.45	1.46	1.34	1.29	1.31	1.48	1.46	1.47
31	---	---	---	1.50	1.44	1.47	1.29	1.14	1.24	---	---	---
MONTH	1.37	.92	1.17	1.59	.71	1.29	1.54	.79	1.33	1.56	.90	1.29

MISSISSIPPI RIVER DELTA
07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1993 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1993 to current year.

WATER TEMPERATURES: October 1993 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 32,800 microsiemens, Oct. 2, 1995; minimum daily, less than 200 microsiemens on several days during the water years, 1994, 1995.

WATER TEMPERATURES: Maximum daily, 34.0°C, July 24, 1995; minimum daily, 6.2°C, Dec. 25, 1993.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum daily, 32,800 microsiemens, Oct. 2; minimum daily 206 microsiemens Feb. 20.

WATER TEMPERATURES: Maximum daily, 33.7°C, July 23; minimum daily, 1.7°C, Feb. 4.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	32600	24300	29800	12900	6180	8420	3380	964	1840	3460	2310	2580
2	32800	29300	31700	12200	6620	10000	5840	1000	2550	3690	2360	2750
3	32500	25700	30900	6620	4380	5150	3180	1000	1520	2660	2520	2600
4	27600	22600	24700	6400	5070	6020	5010	974	2320	2640	651	2130
5	22600	17200	20100	6800	2470	5580	5330	512	2370	2850	631	2040
6	20400	18600	19200	6630	2100	3810	5950	512	2460	2600	733	2120
7	18600	17000	17800	6780	2560	4500	6230	541	2520	2570	2430	2470
8	17400	12100	16200	6860	927	5350	5120	543	1630	2610	2150	2520
9	14800	10200	13000	6190	849	2530	6620	558	3220	2770	1990	2410
10	13100	4930	11100	7350	891	2720	6830	686	5090	2740	1500	2460
11	12100	1540	7130	20200	4400	9610	5080	604	1730	2870	818	1830
12	9370	1010	4520	6300	1230	4770	3320	616	1400	3270	1930	2840
13	5720	1590	3650	5900	1140	2850	4500	998	2340	3330	365	2050
14	9520	5580	7180	7120	1140	4460	5320	3490	4360	2840	318	1270
15	10200	4180	9200	5620	832	2320	5290	3340	4160	3090	271	1320
16	9190	2360	5190	7150	1180	4740	4000	3040	3610	2920	271	1070
17	8750	3230	6180	5340	987	3450	7440	3220	4480	1590	280	679
18	8210	1930	4000	3850	908	1960	17300	5370	8870	3840	301	1300
19	8510	6050	6880	5210	1300	2500	19300	5940	10600	3190	337	1730
20	8830	6560	7480	6220	1460	4370	6000	1460	4880	3220	320	1270
21	8860	2720	6520	5970	1150	4650	5450	1040	3360	2660	353	1100
22	5450	2540	3560	5820	846	3030	5500	891	3220	3330	423	1500
23	4480	2760	3340	4120	846	1640	5190	742	2780	2600	328	972
24	5970	2650	4210	5900	902	3190	5030	629	2340	3470	317	1540
25	7060	1870	3690	5920	908	2710	5150	675	2660	3760	303	2120
26	5310	2690	3940	5760	863	2410	5260	729	2800	27100	257	7350
27	13300	4780	9910	2060	913	1200	4990	668	2040	26900	2570	6090
28	13700	7990	11900	4100	946	1900	5110	667	2350	3020	569	1970
29	8250	4290	6130	5940	2780	4880	5300	515	2680	2760	483	1340
30	6970	2570	4400	6270	965	4000	2610	515	1150	2820	365	1420
31	8850	2080	5020	---	---	---	2970	1320	2210	3120	341	1760
MONTH	32800	1010	10900	20200	832	4160	19300	512	3210	27100	257	2150

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	3210	262	1430	3290	331	1480	2290	830	1630	1140	349	664
2	1840	262	1320	1670	331	670	2720	481	1600	1380	469	856
3	1430	1350	1390	2900	367	1070	1310	370	599	1400	323	618
4	1520	1410	1460	2380	306	913	754	340	451	983	335	527
5	1630	1520	1590	333	309	320	574	358	411	607	343	408
6	1750	1280	1520	338	306	317	3080	468	2070	553	349	409
7	1590	822	1350	2330	318	909	3180	406	1720	567	351	414
8	1930	560	1380	3650	2330	3290	2280	399	894	451	345	380
9	2380	1020	1880	3630	444	2030	1370	373	654	419	339	362
10	2200	290	1270	3750	508	1830	1150	371	591	424	339	366
11	2220	811	1630	3510	346	1310	688	413	476	540	340	411
12	2800	262	1720	2360	328	788	521	411	443	851	499	596
13	2320	234	889	1480	309	633	468	418	431	865	386	588
14	2040	217	829	1020	315	491	590	421	463	1020	543	766
15	1360	217	549	500	314	355	708	414	505	966	350	453
16	2740	230	1490	431	319	348	1190	494	806	506	359	392
17	3170	247	1960	368	329	345	1240	427	669	443	355	377
18	1890	230	764	552	343	378	818	402	494	434	346	373
19	382	216	258	1980	552	1140	513	388	424	442	336	375
20	886	206	399	2790	1980	2340	492	392	404	402	321	348
21	1700	380	941	2910	506	1490	535	420	456	408	318	349
22	1850	282	725	3040	346	1040	484	417	435	426	335	370
23	2240	787	1530	927	322	479	673	418	573	542	346	422
24	3060	315	1580	2220	318	567	925	424	653	577	362	432
25	3080	271	1440	2220	494	920	1090	404	672	440	368	398
26	1200	233	515	833	372	625	907	406	588	368	355	358
27	492	234	306	913	375	631	1270	414	829	358	352	356
28	1580	253	793	1270	374	699	419	343	360	395	353	365
29	2970	492	1630	1440	338	710	462	338	357	398	361	375
30	---	---	---	379	332	350	1020	462	700	490	372	447
31	---	---	---	830	332	446	---	---	---	549	414	463
MONTH	3210	206	1190	3750	306	933	3180	338	712	1400	318	452
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	684	405	486	2130	1020	1580	1400	1240	1300	5260	2420	3950
2	406	380	391	1830	952	1370	1300	1200	1240	2510	858	1810
3	595	380	466	1570	940	1240	1310	1190	1240	2840	2420	2660
4	859	416	586	1570	983	1270	1570	1200	1290	2960	2840	2920
5	816	506	661	1470	1080	1310	1850	1570	1670	2970	2800	2900
6	934	504	678	1620	1270	1450	1850	456	1020	3020	2290	2720
7	865	471	660	1620	802	1200	1400	991	1220	3070	571	1780
8	1020	471	837	823	463	575	1430	1110	1220	2740	558	1350
9	1120	862	977	711	526	580	1510	1210	1390	2310	1800	2170
10	1430	1120	1390	1260	711	1020	1580	1350	1460	2440	2210	2330
11	1380	974	1170	1350	1210	1260	1490	1410	1430	2370	2140	2260
12	1330	518	835	1470	1350	1440	1460	1430	1440	2360	2110	2300
13	1000	636	769	1480	1410	1440	1620	1400	1450	2480	2090	2310
14	909	682	778	1650	1480	1550	1760	1390	1640	2330	1330	1910
15	969	705	810	1710	1640	1670	1810	842	1590	6470	764	1940
16	902	730	802	1700	1620	1660	1910	1760	1820	21400	6470	14900
17	992	671	802	1710	1290	1540	1780	772	1500	20900	12800	15700
18	961	679	794	1540	1260	1420	1610	1010	1280	12800	8900	10600
19	951	731	826	1740	1530	1630	1700	1440	1630	8950	6370	7370
20	1130	829	960	1730	1530	1650	1560	257	452	6370	4390	5060
21	1240	423	861	1840	1510	1650	304	250	259	4390	3020	3730
22	1210	425	846	2080	1840	1970	13300	261	5200	3740	3370	3520
23	1500	648	1110	2250	2080	2140	21100	13300	17600	3440	3350	3390
24	1500	406	895	2260	1700	2060	20800	12700	14700	3400	3280	3300
25	1410	933	1080	1870	1810	1840	12700	5320	8170	3300	3070	3140
26	1300	1040	1180	1850	1470	1630	6190	4830	5580	3100	2180	2740
27	1800	1040	1380	1530	1370	1430	6000	4600	5430	2500	1210	1770
28	1490	1290	1430	1470	1370	1400	5630	4480	5220	2290	1620	1980
29	1580	1390	1470	1540	1330	1410	5220	4980	5080	2290	1850	1990
30	1880	1500	1690	1450	1090	1310	5090	4870	5000	2290	2100	2190
31	---	---	---	1400	1210	1320	5400	4830	5010	---	---	---
MONTH	1880	380	921	2260	463	1450	21100	250	3370	21400	558	3890

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	30.1	27.1	28.1	23.6	21.7	22.2	16.1	13.3	14.8	17.3	11.8	15.0
2	28.2	27.5	27.7	25.0	22.3	23.2	16.3	14.3	15.3	16.1	11.6	13.9
3	27.6	25.0	27.0	23.7	17.9	21.3	17.7	15.2	16.2	11.7	8.9	10.2
4	25.9	24.7	25.5	17.9	14.5	16.4	20.6	16.3	18.2	11.3	6.7	8.9
5	26.4	24.6	25.8	18.4	14.1	16.0	22.6	17.3	19.4	14.7	9.7	11.8
6	26.1	23.9	25.1	20.3	16.1	18.5	23.4	17.9	19.9	14.1	10.7	12.7
7	24.5	21.5	23.1	21.3	19.7	20.6	21.7	18.0	19.5	11.0	5.4	8.0
8	24.0	21.5	22.8	20.8	18.3	19.4	19.5	17.0	18.2	7.6	2.5	5.1
9	24.1	20.8	23.0	19.2	16.0	18.0	18.3	13.0	16.6	10.3	3.6	7.0
10	24.7	20.8	23.0	20.0	18.5	19.1	13.7	9.3	11.4	13.0	7.0	10.2
11	25.4	22.6	24.0	20.6	17.2	19.0	13.6	10.0	12.1	13.9	10.1	12.0
12	24.8	23.8	24.3	17.7	14.1	16.4	14.2	11.9	13.1	14.0	10.0	12.1
13	25.8	24.0	24.8	17.7	15.7	16.9	16.1	13.4	14.4	11.5	9.4	10.3
14	25.0	22.3	24.2	17.8	15.3	16.8	16.8	14.2	15.2	11.2	9.9	10.7
15	22.3	19.1	20.8	17.1	15.0	16.3	19.7	14.6	16.7	14.2	10.7	12.3
16	22.2	20.3	21.3	17.7	15.1	16.6	18.7	15.7	17.1	15.6	10.7	13.0
17	22.4	20.5	21.5	17.8	15.4	16.8	18.8	16.3	17.3	16.4	11.7	13.7
18	23.4	21.9	22.5	18.2	17.2	17.6	18.0	16.5	17.2	15.2	12.9	14.0
19	24.3	22.2	23.2	18.2	17.3	17.8	17.9	12.6	15.4	12.9	9.8	11.2
20	24.4	21.7	23.2	20.2	17.8	18.9	12.9	10.9	11.7	11.0	8.4	9.7
21	22.1	18.4	20.6	20.2	17.5	18.9	12.8	9.0	10.6	12.9	9.5	10.8
22	22.8	18.7	20.9	18.3	16.0	17.0	11.8	8.1	9.4	15.4	9.4	11.6
23	23.5	21.4	22.3	18.7	16.3	17.5	9.9	6.2	8.4	15.0	10.6	12.2
24	24.8	22.6	23.3	19.0	16.5	17.7	9.7	6.9	8.6	16.6	11.9	13.8
25	23.9	21.8	22.7	17.0	14.2	16.0	9.7	7.5	8.8	14.2	11.4	12.7
26	23.9	22.1	22.9	16.7	14.5	16.0	9.4	7.8	8.8	14.3	12.4	13.4
27	25.1	22.8	23.6	19.2	16.4	17.5	10.6	7.9	9.0	15.0	12.3	13.8
28	24.5	22.4	23.5	20.2	16.9	18.2	9.0	7.4	8.4	13.6	10.3	12.1
29	23.1	20.4	21.7	17.9	15.5	16.7	9.2	5.8	7.5	13.6	12.5	13.0
30	22.0	18.9	20.6	15.8	13.7	14.8	9.9	7.5	8.7	16.5	12.5	13.9
31	22.8	21.0	21.9	---	---	---	14.4	9.4	11.8	16.6	12.5	15.0
MONTH	30.1	18.4	23.4	25.0	13.7	17.9	23.4	5.8	13.5	17.3	2.5	11.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.7	12.2	12.9	14.5	11.6	13.3	22.3	18.8	20.6	25.2	20.2	22.6
2	12.2	6.1	9.1	15.8	12.1	13.9	20.9	17.7	18.7	24.3	21.6	22.6
3	7.1	3.6	5.5	17.0	12.8	14.7	19.6	16.5	18.0	26.0	22.2	23.9
4	6.0	1.7	4.0	18.2	14.2	16.2	19.8	18.0	18.9	25.3	23.3	24.2
5	8.3	1.9	5.1	17.8	15.8	16.7	19.7	18.3	18.8	25.6	24.0	25.0
6	12.6	6.3	9.2	18.5	16.5	17.3	18.5	14.7	16.1	26.0	24.7	25.5
7	14.7	9.4	12.0	17.6	12.8	16.4	16.5	12.8	14.9	26.3	25.4	25.8
8	17.5	9.7	14.1	13.9	8.6	11.4	17.2	15.8	16.3	26.5	25.2	25.7
9	17.1	11.9	15.3	12.4	6.5	9.9	18.6	16.2	17.5	26.5	24.8	25.6
10	17.8	9.7	13.9	12.7	8.6	10.5	18.7	16.6	17.6	26.6	24.7	25.6
11	18.5	12.2	16.4	13.2	9.7	11.5	18.9	16.5	17.5	27.4	24.8	26.0
12	17.4	9.5	13.3	13.0	11.2	12.2	20.0	16.7	17.9	27.8	24.0	25.6
13	11.9	9.5	10.9	14.4	12.2	13.4	21.8	17.5	19.2	27.5	24.4	25.5
14	13.2	10.2	11.8	16.5	13.2	14.5	22.4	19.0	20.0	27.9	24.8	26.2
15	15.3	10.4	12.3	17.6	14.1	15.3	22.3	18.6	20.1	28.0	25.2	26.6
16	16.5	10.2	13.3	19.2	15.2	16.5	21.8	16.9	19.4	27.5	24.9	26.2
17	13.4	9.5	11.2	18.1	16.2	17.1	20.6	18.1	19.5	26.8	24.9	26.0
18	13.6	8.9	10.9	19.3	16.9	17.8	21.0	19.0	19.9	27.4	25.1	26.3
19	14.1	11.6	12.7	20.3	15.6	17.5	21.4	20.5	21.1	26.9	25.6	26.3
20	18.1	13.1	15.2	18.9	13.5	16.1	22.8	20.9	21.7	26.8	25.4	26.1
21	20.5	14.1	17.7	16.1	12.7	14.6	22.8	21.5	22.2	26.9	25.3	26.1
22	20.0	13.5	15.6	16.7	13.5	15.4	22.5	21.7	22.2	27.4	25.5	26.6
23	19.9	17.1	18.3	17.2	14.7	16.1	23.3	21.7	22.4	28.3	26.2	27.4
24	20.2	16.8	18.6	17.9	16.2	16.9	22.9	19.3	21.4	29.0	26.7	28.1
25	20.7	17.2	18.8	18.3	17.0	17.8	23.1	20.2	22.0	29.7	27.7	28.7
26	20.1	17.3	18.7	18.3	15.0	16.9	25.7	22.1	23.6	29.8	27.7	28.7
27	19.9	18.2	19.1	16.0	14.5	15.0	25.9	23.4	24.7	29.0	27.7	28.3
28	22.0	18.9	20.3	16.9	14.7	15.7	25.9	24.1	24.9	29.7	27.6	28.5
29	19.1	12.9	16.3	17.7	15.1	16.8	25.5	22.8	24.9	29.2	27.7	28.3
30	---	---	---	19.2	16.8	17.8	24.7	19.5	21.9	27.7	26.3	27.1
31	---	---	---	23.7	17.4	20.0	---	---	---	28.7	26.8	27.7
MONTH	22.0	1.7	13.5	23.7	6.5	15.3	25.9	12.8	20.1	29.8	20.2	26.2

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (INSIDE)--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.6	27.3	28.4	30.3	28.1	29.0	27.7	26.9	27.2	27.4	25.8	26.7
2	28.9	27.7	28.2	30.2	28.5	29.4	27.2	27.0	27.1	28.0	27.1	27.6
3	28.3	26.5	27.5	30.6	28.8	29.7	27.3	26.8	27.1	27.5	27.4	27.5
4	27.8	26.2	27.0	30.5	29.2	29.9	30.5	27.3	28.3	27.5	27.3	27.4
5	28.4	24.5	26.3	30.3	29.1	29.7	29.7	28.0	28.9	27.3	26.9	27.1
6	29.5	26.7	28.0	30.1	29.7	29.9	30.4	29.0	29.8	28.1	27.2	27.5
7	29.0	27.7	28.2	31.5	29.2	30.2	29.7	29.0	29.3	30.0	27.2	28.7
8	28.6	25.1	26.7	31.0	29.5	30.1	29.0	28.6	28.8	29.8	27.7	29.0
9	29.1	24.3	26.5	29.5	28.6	29.0	29.6	28.8	29.1	29.0	27.8	28.1
10	28.2	24.4	25.7	29.6	28.6	29.0	29.6	28.8	29.1	28.0	27.2	27.5
11	27.5	25.9	26.8	28.6	27.1	27.8	28.9	27.8	28.2	27.7	27.1	27.4
12	28.3	27.3	27.7	27.1	26.4	26.7	27.8	26.7	27.1	28.3	27.0	27.5
13	27.5	27.0	27.1	26.8	26.4	26.7	28.2	26.5	27.0	28.2	27.3	27.8
14	27.7	26.5	27.1	27.1	26.8	27.0	29.6	25.9	27.8	28.8	27.6	28.1
15	28.2	26.9	27.5	27.2	27.1	27.1	30.0	26.9	28.1	29.9	28.4	29.0
16	28.6	27.5	28.0	27.6	27.2	27.3	30.5	26.5	28.2	29.8	29.0	29.4
17	29.0	28.0	28.5	28.1	27.2	27.6	30.7	27.0	28.6	29.9	29.5	29.6
18	28.9	28.1	28.5	28.9	27.5	28.0	30.4	28.3	29.3	30.0	29.7	29.9
19	28.7	27.7	28.1	28.1	27.9	28.0	31.3	27.8	29.5	29.7	28.2	29.2
20	28.2	26.3	27.1	28.5	28.0	28.2	31.3	29.9	30.2	28.2	26.5	27.4
21	29.5	26.6	28.1	30.9	26.9	28.8	30.0	29.4	29.8	26.6	26.1	26.4
22	29.2	26.9	28.2	32.3	27.9	30.0	29.7	28.7	29.2	26.2	25.1	25.6
23	29.1	26.9	28.0	33.7	28.7	31.0	29.0	28.0	28.4	25.6	24.4	24.9
24	29.5	27.3	28.4	31.3	28.4	29.5	29.8	28.3	29.0	25.2	24.3	24.8
25	28.2	27.0	27.7	28.4	26.9	27.5	30.5	28.6	29.8	25.2	24.5	24.8
26	28.7	28.0	28.3	28.0	26.9	27.3	30.3	28.5	29.3	26.7	24.9	25.5
27	29.1	26.5	28.5	27.1	26.7	26.9	29.8	28.4	29.0	27.6	26.1	26.8
28	26.5	24.7	25.3	27.9	27.0	27.4	29.3	28.1	28.6	26.7	24.8	25.5
29	27.7	25.6	26.7	28.0	27.4	27.7	28.8	27.7	28.2	24.9	22.0	22.8
30	28.6	27.4	28.0	28.2	27.0	27.5	28.8	27.9	28.3	22.5	21.2	21.7
31	---	---	---	27.9	27.7	27.8	28.7	26.7	27.6	---	---	---
MONTH	29.6	24.3	27.5	33.7	26.4	28.4	31.3	25.9	28.6	30.0	21.2	27.0

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)

LOCATION.--Lat 29°31' 10", long 90°48' 16", Sec. 11, T. 18 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three-pile structure 8.0 mi north of Falgout Canal Boat Landing and 2.0 mi. south of Crozier.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is an assumed elevation.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 2.36 ft, Apr. 12, 1994; minimum recorded, -0.53 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 2.11 ft, Oct. 3; minimum recorded, -0.53 ft, Jan. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.05	1.64	1.85	1.61	1.33	1.50	1.04	.58	.78	1.71	1.20	1.44
2	2.06	1.76	1.92	1.56	1.34	1.45	1.07	.44	.75	1.71	1.00	1.30
3	2.11	1.76	1.93	1.42	.79	1.20	1.13	.59	.91	1.00	.51	.70
4	1.93	1.67	1.84	.96	.49	.70	1.14	.59	.84	1.09	.36	.65
5	2.10	1.67	1.97	1.11	.66	.85	1.16	.67	.90	1.09	.48	.78
6	1.84	1.62	1.73	1.38	.71	1.03	1.20	.60	.86	1.08	.55	.79
7	1.62	1.14	1.37	1.41	1.00	1.18	1.20	.44	.80	.55	-.16	.08
8	1.55	1.18	1.38	1.18	.40	.76	1.23	.61	.86	.25	-.53	-.22
9	1.58	1.06	1.33	1.36	.69	.94	1.27	.23	.67	.28	-.24	.03
10	1.44	.99	1.21	1.61	1.13	1.36	.53	-.16	.11	.28	-.18	.05
11	1.41	.95	1.21	1.62	.85	1.23	.67	.03	.36	.65	.28	.49
12	1.55	1.05	1.37	1.07	.51	.83	.79	.22	.50	.54	.07	.19
13	1.68	1.38	1.54	1.27	.73	.99	1.02	.24	.74	.49	-.03	.18
14	1.71	.85	1.35	.99	.50	.71	1.09	.71	.90	.68	.09	.40
15	1.12	.81	.96	1.01	.69	.86	1.10	.64	.83	.80	.06	.41
16	1.38	.90	1.16	.96	.46	.66	1.11	.71	.90	.98	.19	.57
17	1.29	1.06	1.17	.92	.54	.66	1.35	.85	1.08	1.29	.45	.82
18	1.43	1.18	1.32	1.01	.67	.88	1.73	1.11	1.41	1.32	.94	1.19
19	1.43	1.28	1.38	1.15	.71	.91	1.70	.89	1.20	---	---	---
20	1.48	.89	1.19	1.28	.94	1.11	.95	.41	.67	---	---	---
21	1.18	.87	1.01	1.27	.57	.91	1.03	.31	.66	1.04	.38	.69
22	1.40	1.04	1.19	1.30	.61	.91	1.03	.28	.59	.87	.36	.64
23	1.46	1.11	1.32	1.42	.79	1.12	.92	.23	.56	1.01	.56	.77
24	1.47	.97	1.23	1.42	.60	.94	.85	.21	.50	1.26	.63	.86
25	1.46	.92	1.19	1.20	.57	.91	.72	.12	.43	1.00	.58	.72
26	1.56	1.08	1.35	1.20	.63	.93	.59	.11	.35	1.59	1.00	1.29
27	1.74	1.40	1.59	1.39	.94	1.20	.57	.23	.41	1.43	.73	.96
28	1.75	1.06	1.38	1.40	.80	1.12	.55	.18	.36	1.14	.54	.79
29	1.44	.95	1.20	.95	.58	.77	.76	.18	.41	1.23	.66	.94
30	1.41	.80	1.17	1.04	.47	.64	1.06	.50	.76	1.18	.30	.65
31	1.64	1.14	1.42	---	---	---	1.57	.64	1.05	1.01	.30	.54
MONTH	2.11	.80	1.39	1.62	.40	.98	1.73	-.16	.71	---	---	---

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.25	.59	.87	1.00	.27	.58	.73	.35	.48	1.07	.70	.88
2	1.28	.76	.97	1.01	.17	.29	.55	.19	.36	.98	.70	.89
3	.82	.30	.53	.76	.16	.41	.73	.35	.57	1.11	.70	.91
4	.32	-.12	.04	.83	.16	.56	---	---	---	1.25	.74	1.01
5	.40	-.13	.05	1.20	.16	.56	---	---	---	1.38	.81	1.07
6	.51	.07	.30	1.30	1.09	1.20	---	---	---	1.29	.83	1.06
7	.80	.45	.59	1.25	.33	.81	1.11	.22	.67	1.37	.83	1.10
8	.86	.28	.61	.33	-.18	.12	1.32	.54	.95	1.43	.93	1.19
9	.74	.29	.46	.22	-.25	-.06	1.25	.05	.84	1.53	1.05	1.29
10	1.04	.55	.77	.24	-.23	-.01	1.26	.68	1.00	1.46	1.14	1.31
11	.82	.50	.61	.42	-.29	.09	1.32	.80	1.08	1.33	1.02	1.15
12	---	---	---	.78	-.08	.36	1.32	.88	1.09	1.02	.82	.90
13	.86	.23	.54	.78	.04	.44	1.40	.90	1.12	1.15	.77	.95
14	1.02	.30	.62	---	---	---	1.49	.92	1.19	.95	.76	.87
15	1.06	.44	.74	1.22	.54	.86	1.57	.72	1.14	1.19	.78	1.05
16	.99	.19	.44	1.33	.58	.96	.89	.63	.76	1.29	.81	1.08
17	.61	.01	.27	1.33	.98	1.14	1.16	.63	.93	1.45	.89	1.18
18	.69	.10	.35	1.31	.75	1.08	1.33	.83	1.11	1.41	.96	1.18
19	---	---	---	.76	.27	.48	1.45	.93	1.22	1.44	.86	1.17
20	---	---	---	.27	-.23	.00	1.58	1.20	1.39	1.53	.97	1.24
21	.71	.39	.60	.07	-.24	-.09	1.52	1.07	1.33	1.49	1.02	1.24
22	.79	.45	.64	.44	-.26	.12	1.66	1.28	1.50	1.30	.94	1.12
23	.61	.45	.55	.77	-.08	.40	1.56	1.02	1.29	1.23	.90	1.05
24	.70	.36	.53	1.04	.44	.79	1.26	.82	1.03	1.29	.81	1.03
25	.79	.30	.56	1.11	.71	.92	1.38	.91	1.15	1.29	.94	1.11
26	.89	.48	.68	1.09	.65	.85	1.24	1.00	1.10	1.58	1.19	1.38
27	1.15	.65	.90	.95	.42	.75	1.06	.78	.92	1.77	1.37	1.57
28	1.07	.45	.66	1.10	.59	.85	1.40	1.05	1.21	1.70	1.27	1.52
29	.54	.10	.36	1.11	.54	.84	1.50	1.00	1.33	1.61	1.19	1.40
30	---	---	---	1.13	.90	1.02	1.00	.70	.82	1.53	1.02	1.31
31	---	---	---	1.16	.62	.90	---	---	---	1.69	1.11	1.41
MONTH	---	---	---	---	---	---	---	---	---	1.77	.70	1.15

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.79	1.15	1.50	1.52	.95	1.26	1.48	1.08	1.31	1.25	.98	1.11
2	1.79	1.31	1.55	1.65	1.05	1.31	1.36	1.12	1.24	1.34	.93	1.17
3	1.64	1.28	1.46	1.44	1.07	1.24	1.19	1.05	1.13	1.35	.87	1.12
4	1.65	1.19	1.39	1.37	.97	1.18	1.18	1.00	1.08	1.38	.86	1.07
5	1.56	1.17	1.35	1.20	.91	1.10	1.46	1.01	1.18	1.30	.80	1.05
6	1.57	1.17	1.35	1.17	1.03	1.10	1.46	1.10	1.29	1.45	.83	1.12
7	1.48	1.20	1.33	1.38	1.07	1.25	1.61	1.22	1.43	1.14	.75	.97
8	1.38	.98	1.21	1.67	1.20	1.49	1.60	1.17	1.40	1.22	.75	.99
9	1.07	.81	.97	1.35	1.03	1.24	1.38	1.08	1.26	1.22	.72	.96
10	1.08	.86	.96	1.29	.87	1.09	1.34	1.01	1.19	1.02	.67	.88
11	1.28	.86	1.09	1.19	.86	1.04	1.41	1.00	1.20	1.03	.66	.86
12	1.59	.95	1.30	1.17	.80	1.00	1.12	.93	1.05	1.24	.80	.96
13	1.50	1.10	1.30	1.31	.76	1.05	1.18	.81	1.00	1.15	.91	.98
14	1.47	1.06	1.26	1.52	.78	1.14	1.02	.75	.90	1.23	.97	1.11
15	1.45	1.03	1.25	1.41	.97	1.17	1.27	.74	1.00	1.82	1.22	1.45
16	1.39	1.00	1.19	1.49	.92	1.19	1.21	.87	1.00	1.79	1.45	1.64
17	1.44	.99	1.21	1.65	1.09	1.42	1.30	.92	1.11	1.55	1.03	1.33
18	1.46	1.03	1.23	1.73	1.40	1.56	1.24	1.05	1.18	1.31	.86	1.10
19	1.45	1.07	1.25	1.57	1.27	1.44	1.16	1.01	1.10	1.36	.96	1.17
20	1.40	1.13	1.26	1.28	.94	1.19	1.39	1.06	1.28	1.55	1.16	1.34
21	1.33	1.08	1.21	1.35	.87	1.03	1.71	1.36	1.53	1.80	1.23	1.54
22	1.34	1.05	1.18	.97	.73	.85	1.93	1.65	1.83	1.41	1.00	1.23
23	1.22	1.02	1.14	.81	.51	.68	2.00	1.56	1.83	1.51	.99	1.24
24	1.32	1.04	1.15	.90	.54	.72	1.86	1.41	1.69	1.39	1.01	1.22
25	1.26	.98	1.11	1.13	.55	.91	1.77	1.36	1.58	1.27	1.06	1.18
26	1.29	.86	1.06	1.28	.67	.95	1.68	1.31	1.50	1.54	1.10	1.35
27	1.35	.86	1.11	1.39	.68	1.09	1.67	1.21	1.42	1.68	1.37	1.52
28	1.34	.97	1.12	1.60	.88	1.21	1.56	1.14	1.33	1.59	1.22	1.39
29	1.46	.98	1.20	1.62	.96	1.29	1.32	1.07	1.18	1.31	.93	1.12
30	1.36	.97	1.16	1.64	1.07	1.37	1.35	1.05	1.17	1.54	.98	1.24
31	---	---	---	1.59	1.08	1.35	1.29	1.04	1.14	---	---	---
MONTH	1.79	.81	1.23	1.73	.51	1.16	2.00	.74	1.28	1.82	.66	1.18

MISSISSIPPI RIVER DELTA
07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1993 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1993 to current year.

WATER TEMPERATURES: October 1993 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 32,700 microsiemens, Oct. 2, 1995; minimum daily, less than 200 microsiemens on several days during the water years, 1994, 1995.

WATER TEMPERATURES: Maximum daily, 33.5°C, Sept. 2, 1995; minimum daily, 1.8°C, Feb. 4, 1996.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum daily, 32,700 microsiemens, Oct. 2; minimum daily, 267 microsiemens Feb. 20.

WATER TEMPERATURES: Maximum daily, 33.2 °C July 23, minimum daily, 1.8°C, Feb. 4.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	32500	24200	29300	12900	6150	8680	2830	863	1470	3290	2250	2510
2	32700	29200	31400	12100	7130	10400	5380	892	1930	3530	2240	2630
3	32300	24500	30500	7680	4380	5190	2810	898	1300	2510	2370	2460
4	26800	21800	23900	6320	1910	4830	4460	875	1970	2490	602	1970
5	22200	17300	20000	6700	1870	4210	4850	435	1880	2640	578	1750
6	20500	17800	19200	6480	1800	3320	5400	418	1910	2420	604	1910
7	18800	11800	16600	6190	2640	4570	6030	452	2000	2400	2280	2330
8	16600	1840	11900	6860	915	4840	3990	443	1140	2420	1490	2250
9	13900	1720	8160	4990	809	1850	6230	461	2780	2630	1640	2210
10	12300	1330	6570	7010	878	2750	5070	559	2060	2860	610	2260
11	11000	1280	5040	20200	4400	9590	3870	494	1260	2360	573	1310
12	8700	1150	3250	6010	1140	4260	2860	510	1090	3260	1890	2720
13	5600	1340	3600	5150	1100	2220	4180	885	2240	3230	439	1700
14	9810	5600	7220	6620	1010	3460	5820	3590	4380	2830	385	1160
15	9980	2260	6980	4530	779	1750	5170	3300	4130	3050	372	1140
16	8650	2180	4570	5920	934	3120	3860	2920	3490	2790	367	960
17	7120	2330	4480	3450	867	1920	7470	3170	4430	1490	370	662
18	6060	2050	3270	3270	812	1430	16500	5410	8840	4530	386	1750
19	7990	5990	7040	4790	1020	2090	19700	5870	10500	3210	413	1680
20	8590	6520	7400	6160	1380	3930	5870	1090	4450	3180	403	1200
21	7910	1910	3970	5960	1060	4380	5380	966	3020	2460	434	1020
22	4960	2680	3250	5770	787	2600	5430	753	2740	3270	477	1390
23	4240	2950	3410	3790	785	1440	5200	631	2340	2470	411	896
24	5670	2540	4050	5730	836	2690	5040	543	1950	3350	396	1460
25	6420	1860	3360	5710	814	2230	5000	560	1990	3460	408	1720
26	5370	2590	3970	5040	779	1910	4880	555	1940	26900	380	7350
27	13300	4750	10100	1820	828	1080	4360	535	1660	26800	2850	6400
28	13800	5110	11800	3670	852	1690	4510	601	1720	3410	679	2070
29	8210	3280	5680	5400	2060	4030	3480	418	1570	2850	585	1350
30	6970	2450	4190	5200	880	2460	2410	422	1040	2950	435	1400
31	8730	2040	5160	---	---	---	3480	1270	2200	3130	435	1690
MONTH	32700	1150	9980	20200	779	3630	19700	418	2760	26900	367	2040

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3310	359	1410	3230	358	1260	2280	767	1550	1130	358	634
2	1910	359	1420	1640	358	637	2690	493	1500	1410	442	806
3	1530	1410	1480	2660	374	1010	1160	369	584	1430	337	609
4	1660	1530	1600	1940	317	772	725	337	448	920	351	524
5	1750	1390	1690	333	315	322	543	353	405	579	358	419
6	1880	1220	1610	343	316	324	3090	440	2140	549	365	424
7	1630	871	1450	2350	327	907	3240	402	1650	565	368	426
8	1890	598	1370	3670	2350	3270	2320	385	854	467	362	395
9	2480	1190	1980	3670	434	1470	1380	362	627	428	356	377
10	2490	395	1410	3610	452	1070	1180	362	577	440	355	378
11	2340	732	1650	3330	350	1080	640	390	449	561	357	423
12	2920	342	1720	2040	333	714	494	391	421	830	467	595
13	2360	308	876	1370	332	611	442	395	408	886	396	570
14	2180	289	815	1020	326	477	563	399	440	1030	480	730
15	1440	289	644	484	326	359	662	398	480	990	363	461
16	2820	300	1510	448	338	368	1170	443	744	492	351	383
17	3230	321	1890	392	358	369	1200	403	637	427	345	366
18	1980	303	753	546	366	398	732	376	461	420	341	365
19	397	278	308	2020	546	1150	476	362	397	436	341	375
20	801	267	417	2750	2020	2360	462	366	377	418	340	366
21	1440	495	891	2940	477	1300	505	395	430	426	340	372
22	1840	344	795	3010	363	894	456	393	409	451	344	385
23	2040	747	1430	952	337	496	643	395	540	547	346	423
24	2980	361	1490	2850	331	612	835	400	618	562	349	417
25	3110	320	1350	2850	638	1100	1050	383	632	367	348	357
26	954	282	480	836	375	635	875	385	542	350	340	345
27	407	284	331	924	390	688	1230	388	800	345	341	343
28	1540	304	790	1270	383	724	415	347	361	345	335	341
29	2910	458	1530	1400	343	711	468	343	361	342	336	339
30	---	---	---	377	340	355	1040	468	680	389	336	345
31	---	---	---	767	337	428	---	---	---	427	337	372
MONTH	3310	267	1210	3670	315	867	3240	337	684	1430	335	441
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	406	335	353	1160	402	675	1220	1160	1200	4180	2410	3560
2	344	337	338	890	380	579	1220	1200	1220	2410	1110	1460
3	367	336	350	746	391	518	1240	1190	1220	1990	1680	1790
4	563	341	414	816	408	578	1690	1220	1320	2180	1810	2020
5	477	344	397	778	459	626	2050	1660	1780	2300	1880	2100
6	507	352	403	767	476	612	2050	809	1170	2390	1350	1750
7	570	351	441	708	380	534	1500	917	1180	2660	1020	1470
8	984	386	652	392	347	367	1240	1020	1130	1830	1040	1220
9	1000	681	889	451	351	369	1400	1170	1300	1590	1250	1440
10	1210	713	934	880	451	599	1580	1370	1500	1900	1560	1780
11	808	430	622	963	598	814	1520	1410	1460	2020	1870	1940
12	760	388	535	928	696	823	1480	1440	1470	2040	1700	1920
13	620	428	503	959	682	838	1550	1390	1470	1940	1580	1790
14	612	383	517	984	613	862	1970	1480	1740	1720	1090	1370
15	629	457	540	1150	748	977	2060	1150	1740	5740	1030	2110
16	635	443	547	1180	504	914	2210	1530	1830	14900	5740	9050
17	691	426	557	1140	568	820	2070	1200	1710	14900	9500	11200
18	744	417	558	889	496	675	1380	1230	1290	11100	6730	8300
19	642	454	557	1070	750	910	1960	1310	1660	6830	2870	3660
20	1070	497	671	1660	866	1260	1780	719	907	3960	2200	2790
21	1220	371	759	1930	1620	1760	784	712	723	3080	1680	2260
22	1250	377	776	2210	1920	2070	2610	718	1580	2460	2150	2290
23	1510	440	943	2400	2210	2300	16800	2610	11800	2490	2240	2340
24	1550	358	784	2420	1840	2100	16000	11400	13400	2450	2320	2380
25	1370	422	768	2020	1510	1800	11700	5670	7920	2450	1350	1990
26	1030	580	738	1570	1150	1270	5700	3050	4290	2150	1160	1580
27	1000	513	775	1220	1150	1190	4140	1860	3070	1220	1030	1110
28	930	547	767	1210	1110	1170	3300	1970	2740	1820	1050	1390
29	998	461	756	1180	1130	1150	3180	2840	3030	1960	1400	1710
30	1060	495	751	1190	1080	1150	3250	2760	3070	1790	1250	1530
31	---	---	---	1160	1120	1140	4100	2910	3380	---	---	---
MONTH	1550	335	620	2420	347	1010	16800	712	2690	14900	1020	2710

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	30.1	27.2	28.1	23.2	21.6	22.2	16.1	13.3	14.9	17.5	12.0	15.0
2	28.1	27.5	27.6	25.1	22.3	23.1	16.2	14.5	15.4	16.1	11.7	13.9
3	27.6	24.7	26.9	23.8	18.0	21.3	17.2	15.2	16.2	11.7	9.0	10.3
4	25.9	24.5	25.4	18.8	14.6	17.0	20.8	16.3	18.0	11.1	6.9	8.9
5	26.4	24.5	25.8	18.7	14.5	16.8	22.3	17.2	19.1	14.6	9.8	11.8
6	26.3	23.9	25.2	20.6	16.3	18.7	22.7	17.9	19.6	14.2	10.5	12.7
7	24.5	21.5	23.2	21.3	19.7	20.6	21.6	18.1	19.3	11.2	5.7	8.1
8	24.8	21.5	23.0	20.5	18.3	19.3	19.3	17.1	18.1	7.5	2.7	5.1
9	24.4	20.8	22.9	19.6	16.1	18.1	18.3	13.7	16.7	10.3	3.8	7.1
10	25.2	20.6	23.0	20.0	18.5	19.1	14.1	9.8	12.5	12.9	7.2	10.0
11	25.5	22.7	23.9	20.6	17.5	19.1	13.7	10.2	12.3	13.5	9.4	11.4
12	24.8	23.8	24.2	17.7	14.4	16.6	14.4	12.0	13.3	14.0	10.4	12.1
13	25.9	23.9	24.8	17.9	16.0	17.2	16.0	13.5	14.5	11.5	9.4	10.4
14	24.9	22.4	24.2	18.1	15.4	16.9	16.9	14.1	15.2	11.8	9.8	10.8
15	22.4	19.6	21.4	17.6	15.2	16.5	19.6	14.6	16.6	14.1	10.7	12.1
16	22.3	20.6	21.6	18.1	15.3	16.8	18.7	15.7	16.9	15.6	10.8	12.7
17	23.4	20.8	22.1	18.4	15.7	17.1	18.6	16.3	17.2	15.9	11.8	13.5
18	24.1	22.0	22.8	18.3	17.2	17.6	18.2	16.5	17.2	15.1	12.9	13.9
19	24.2	22.2	23.1	18.2	17.3	17.8	17.9	12.8	15.4	12.9	10.0	11.3
20	24.5	21.9	23.3	20.3	17.8	18.7	13.2	11.0	12.0	11.0	8.4	9.7
21	23.2	18.9	21.3	20.2	17.5	18.8	12.9	9.1	10.8	13.1	9.5	10.7
22	22.9	18.9	21.2	18.2	15.9	17.0	11.8	8.2	9.7	15.3	9.4	11.4
23	23.5	21.4	22.3	18.8	16.3	17.5	10.0	6.2	8.6	15.0	10.6	12.1
24	24.9	22.6	23.3	19.0	16.5	17.6	9.7	7.0	8.7	16.5	11.9	13.8
25	24.0	21.8	22.7	17.0	14.3	16.0	10.0	7.6	8.9	14.2	11.4	12.7
26	23.9	22.2	22.9	16.9	14.6	16.1	9.7	8.0	8.9	14.3	12.4	13.4
27	25.2	22.8	23.6	19.1	16.4	17.6	10.7	8.0	9.0	15.0	12.3	13.9
28	24.4	22.4	23.4	20.2	16.9	18.3	9.1	7.8	8.5	13.6	10.3	12.1
29	22.8	20.6	21.7	18.2	15.7	16.8	9.8	6.3	8.0	13.6	12.5	13.0
30	22.0	18.9	20.7	16.2	14.5	15.2	10.0	7.6	8.8	16.1	12.5	13.7
31	22.7	21.0	21.9	---	---	---	14.3	9.4	11.8	16.6	12.6	14.8
MONTH	30.1	18.9	23.5	25.1	14.3	18.0	22.7	6.2	13.6	17.5	2.7	11.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.7	12.3	12.8	14.7	11.9	13.5	21.7	18.8	20.4	25.9	20.5	22.8
2	12.3	6.1	9.1	15.6	12.2	14.0	21.0	17.9	18.8	24.9	21.7	22.9
3	7.1	3.5	5.5	16.8	12.8	14.7	19.3	16.6	17.9	26.3	22.3	24.0
4	6.0	1.8	4.1	18.1	14.2	16.2	19.7	18.1	18.9	25.2	23.3	24.2
5	8.2	2.1	5.1	17.7	15.9	16.7	19.7	18.3	18.7	25.6	23.8	25.0
6	12.6	6.4	9.2	18.6	16.5	17.3	18.5	14.7	16.2	26.0	24.7	25.5
7	14.5	9.7	12.1	17.6	13.0	16.5	17.2	13.0	15.1	26.3	25.4	25.8
8	17.1	9.6	13.8	14.0	9.0	11.5	17.8	15.7	16.5	26.5	25.2	25.7
9	17.6	12.0	15.3	12.6	8.2	10.5	18.7	16.2	17.5	26.4	24.8	25.6
10	17.5	9.8	13.8	13.2	8.5	10.8	18.6	16.7	17.6	26.5	24.7	25.6
11	18.5	12.1	16.0	13.7	9.7	11.7	18.7	16.5	17.4	27.3	24.8	25.9
12	17.1	9.5	13.3	13.1	11.2	12.2	19.9	16.7	17.9	27.5	24.1	25.5
13	11.8	9.5	10.8	14.3	12.2	13.4	21.4	17.6	19.2	27.5	24.4	25.4
14	13.1	10.1	11.7	16.3	13.1	14.4	22.2	19.0	19.9	28.2	24.8	26.3
15	15.1	10.4	12.4	17.7	14.1	15.2	22.8	18.7	20.2	28.3	25.2	26.6
16	16.5	10.2	13.2	19.3	15.2	16.6	22.3	17.6	19.6	27.4	24.9	26.2
17	13.0	9.5	11.2	18.3	16.2	17.1	20.7	18.1	19.5	26.8	24.9	26.0
18	13.4	8.9	10.8	19.3	16.9	17.8	21.0	19.0	19.9	27.3	25.0	26.4
19	14.3	11.6	12.7	20.2	15.7	17.6	21.3	20.5	21.0	26.9	25.6	26.3
20	17.9	13.2	14.9	18.7	13.8	16.1	22.8	20.9	21.6	27.1	25.4	26.1
21	20.3	14.0	17.2	16.3	12.4	14.7	22.8	21.3	22.2	27.0	25.3	26.1
22	19.7	13.6	15.6	16.7	13.2	15.4	22.4	21.7	22.1	27.4	25.6	26.5
23	19.2	16.6	17.8	17.3	14.7	16.1	23.2	21.7	22.4	28.5	26.3	27.3
24	20.0	16.7	18.4	17.7	16.1	16.8	22.9	19.4	21.3	28.8	26.8	27.9
25	20.6	17.2	18.5	18.4	17.0	17.8	22.9	20.4	22.0	29.4	27.8	28.5
26	20.0	17.2	18.5	18.2	15.0	16.9	25.7	22.1	23.5	28.9	27.6	28.3
27	19.6	18.2	19.0	15.9	14.5	15.0	25.7	23.4	24.7	28.5	27.5	28.0
28	21.8	18.8	20.3	16.9	14.7	15.7	25.7	24.1	24.9	28.5	27.5	27.9
29	19.3	13.2	16.4	17.7	15.1	16.7	25.4	22.9	24.9	28.2	27.4	27.8
30	---	---	---	19.2	16.8	17.9	25.2	19.5	22.1	28.2	26.5	27.3
31	---	---	---	22.9	17.3	19.7	---	---	---	28.6	26.8	27.7
MONTH	21.8	1.8	13.4	22.9	8.2	15.4	25.7	13.0	20.1	29.4	20.5	26.2

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA (OUTSIDE)

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	27.2	28.1	31.3	28.7	29.9	29.1	27.7	28.4	27.7	26.5	27.2
2	28.6	27.5	28.0	31.2	29.1	30.2	28.5	27.7	28.2	29.4	27.7	28.4
3	28.0	27.0	27.5	31.5	29.4	30.5	29.7	27.5	28.4	29.5	28.2	28.7
4	27.6	26.7	27.2	31.4	29.8	30.7	30.3	28.2	29.1	29.4	28.0	28.6
5	29.1	25.9	27.5	31.8	29.6	30.7	29.8	28.4	29.2	29.7	28.1	28.8
6	29.8	27.1	28.4	31.6	30.2	31.0	30.7	29.1	29.9	29.7	27.6	28.8
7	28.8	27.9	28.1	32.4	30.0	31.2	30.6	29.5	30.0	30.3	27.3	29.0
8	28.8	26.3	27.5	31.5	29.8	30.4	30.6	29.3	29.9	30.2	28.0	29.3
9	28.7	24.5	26.7	30.5	29.1	29.8	30.6	29.4	29.9	29.5	28.5	29.0
10	28.2	26.3	27.5	30.1	29.0	29.7	30.3	29.0	29.7	30.3	28.0	28.8
11	29.5	26.9	28.0	30.0	28.2	29.0	29.7	28.4	28.9	29.7	28.1	29.0
12	28.3	27.6	27.9	30.4	28.0	29.0	28.7	27.4	28.0	30.9	28.2	29.3
13	27.7	27.0	27.4	30.4	28.6	29.4	28.2	27.2	27.7	30.4	28.5	29.4
14	28.2	26.7	27.5	30.4	28.4	29.3	29.3	26.0	27.7	30.0	28.9	29.4
15	29.0	27.0	27.9	30.7	28.4	29.5	29.8	27.0	28.3	30.0	28.7	29.4
16	28.9	27.6	28.3	32.5	28.7	30.1	30.2	26.6	28.2	30.0	29.4	29.7
17	29.2	28.0	28.5	31.1	28.8	29.9	30.7	27.0	28.8	31.2	29.4	30.1
18	29.1	28.2	28.6	31.7	29.0	30.3	30.5	28.5	29.5	30.7	29.1	29.9
19	29.0	28.0	28.5	31.5	29.4	30.4	31.0	28.2	29.6	29.7	28.5	29.1
20	28.8	27.2	28.0	30.8	28.2	29.3	30.8	29.9	30.2	29.3	27.3	28.3
21	29.4	26.7	28.2	31.2	26.9	28.9	30.0	29.4	29.8	28.3	27.2	27.7
22	29.3	27.0	28.4	32.5	28.0	30.2	29.4	28.7	29.1	28.0	26.3	27.1
23	29.6	27.2	28.4	33.2	28.8	30.9	28.7	28.0	28.3	28.1	25.8	26.8
24	29.7	27.6	28.6	31.6	28.5	29.7	30.2	28.3	29.1	27.7	25.6	26.6
25	30.2	27.4	28.6	30.0	26.9	28.3	30.6	28.5	29.6	28.9	25.7	27.2
26	29.8	28.4	29.0	29.6	28.3	28.7	30.7	28.9	29.8	28.7	26.2	27.5
27	29.6	27.6	28.8	30.2	28.0	29.0	30.2	28.7	29.6	28.3	27.4	27.8
28	29.3	26.9	28.0	30.8	28.1	29.2	30.3	28.4	29.4	27.5	24.9	26.4
29	30.4	27.4	28.7	29.7	28.2	28.9	30.4	28.3	29.3	25.0	23.7	24.3
30	30.7	28.3	29.4	30.2	27.8	28.9	29.9	28.6	29.3	24.6	23.1	23.9
31	---	---	---	29.5	28.4	28.8	29.3	27.3	28.1	---	---	---
MONTH	30.7	24.5	28.1	33.2	26.9	29.7	31.0	26.0	29.1	31.2	23.1	28.2

MISSISSIPPI RIVER DELTA

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 pontoon bridge 2 mi west of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1992 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature. Datum of gage is sea level. Prior to Oct. 1, 1995, datum of gage was 10.00 ft below sea level.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.91 ft, revised, Aug. 26, 1992; minimum, -1.42 ft, Jan. 8, 1996.

REVISIONS.--Maximum elevation and minimum of -1.27 ft, Mar. 13, 1993, has been revised to reflect the datum used prior to Oct. 1, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1.87 ft, Oct. 1; minimum, -1.42 ft, Jan. 8.

ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.87	.99	1.75	1.24	.91	1.08	.71	.12	.36	1.34	.61	.97
2	1.86	1.34	1.62	1.07	.80	.97	.74	-.04	.37	1.33	.38	.71
3	1.86	1.24	1.60	.93	.17	.64	.80	.14	.53	.38	-.45	-.11
4	1.63	1.24	1.42	.55	-.18	.13	.85	.03	.43	.64	-.45	.04
5	1.76	1.28	1.60	.71	.02	.36	.83	.07	.41	.62	-.32	.18
6	1.36	1.04	1.26	.97	.15	.56	.76	-.20	.29	.63	-.23	.11
7	1.09	.45	.82	1.05	.43	.68	.76	-.29	.21	-.23	-1.17	-.85
8	1.12	.56	.88	.62	-.24	.18	.87	-.04	.38	-.23	-1.42	-.95
9	1.13	.45	.80	1.01	.05	.45	.92	-.48	.03	-.18	-1.01	-.60
10	1.00	.32	.70	1.19	.64	.94	.22	-.85	-.45	-.25	-.96	-.61
11	1.04	.38	.75	1.27	-.08	.62	.29	-.59	-.10	.15	-.25	-.06
12	1.20	.64	.95	.69	-.17	.24	.40	-.27	.06	-.16	-.63	-.49
13	1.36	.90	1.15	.87	.11	.47	.66	.12	.40	-.03	-.78	-.44
14	1.38	.27	.86	.54	-.19	.18	.74	.23	.47	.21	-.64	-.18
15	.77	.30	.53	.67	.17	.42	.71	.10	.35	.30	-.65	-.17
16	1.02	.39	.72	.47	-.13	.11	.72	.17	.44	.53	-.51	.01
17	.84	.55	.71	.57	.07	.24	1.04	.35	.68	.92	-.26	.28
18	1.05	.74	.90	.61	.14	.41	1.48	.61	1.03	.95	.25	.63
19	1.02	.88	.96	.90	.13	.46	1.33	.15	.58	.48	-.79	-.19
20	1.11	.27	.67	.90	.42	.64	.55	-.52	-.06	.50	-.46	.02
21	.71	.37	.55	.83	-.09	.38	.61	-.52	.08	.60	-.36	.08
22	.97	.48	.73	.98	-.09	.41	.62	-.56	-.02	.39	-.31	.07
23	1.07	.62	.87	1.05	.24	.68	.50	-.57	-.01	.55	-.08	.24
24	1.05	.33	.70	1.07	-.09	.42	.43	-.57	-.07	.81	-.11	.24
25	1.02	.31	.68	.84	-.13	.43	.24	-.62	-.15	.55	-.03	.19
26	1.16	.38	.84	.90	.00	.47	.09	-.64	-.23	1.27	.55	.88
27	1.40	.84	1.12	1.02	.43	.79	.13	-.41	-.11	1.01	.05	.31
28	1.36	.41	.85	1.07	.36	.69	.08	-.41	-.16	.69	-.21	.21
29	.96	.42	.70	.61	.09	.33	.37	-.31	-.05	.75	-.07	.36
30	.96	.20	.65	.71	-.09	.25	.70	-.01	.34	.75	-.08	.36
31	1.32	.74	1.02	---	---	---	1.18	.14	.61	.71	-.07	.25
MONTH	1.87	.20	.95	1.27	-.24	.49	1.48	-.85	.21	1.34	-1.42	.05

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.81	-.15	.31	.69	-.29	.15	-.02	-.40	-.22	.58	.02	.33
2	.81	.03	.27	.66	-.10	.31	.08	-.55	-.23	.48	-.03	.32
3	.10	-.57	-.30	.49	-.14	.18	.25	-.22	.05	.64	-.03	.34
4	-.51	-1.16	-.85	.49	-.06	.17	.41	-.17	.15	.79	.02	.46
5	-.10	-.97	-.61	.79	.41	.54	.44	-.14	.20	.90	.12	.51
6	-.01	-.64	-.28	.91	.57	.73	.10	-.41	-.06	.97	.10	.50
7	.33	-.17	.07	.85	-.64	.13	.69	-.47	.15	.94	.10	.55
8	.38	.04	.19	-.54	-1.05	-.71	.91	-.05	.50	1.01	.24	.66
9	.20	-.14	.04	-.19	-1.12	-.66	.84	-.03	.44	1.08	.37	.77
10	.52	-.12	.19	-.21	-.95	-.56	.84	.07	.51	.95	.47	.75
11	.15	-.23	-.03	-.03	-.89	-.40	.87	.22	.60	.76	.29	.49
12	.37	-.74	-.23	.38	-.69	-.11	.90	.26	.58	.31	.00	.16
13	.39	-.50	-.03	.36	-.62	-.06	.93	.36	.57	.54	.07	.34
14	.62	-.46	.05	.66	-.41	.15	1.03	.34	.69	---	---	---
15	.63	-.29	.19	.86	-.07	.39	1.07	-.13	.47	.76	.01	.45
16	.52	-.75	-.29	.94	.13	.50	.38	-.14	.08	.77	.00	.44
17	.22	-.83	-.35	.94	.45	.68	.69	-.07	.41	.96	.10	.57
18	.33	-.69	-.23	.92	.02	.52	.86	.22	.59	.91	.07	.55
19	.44	-.03	.27	.02	-.59	-.31	1.00	.28	.70	.90	.09	.52
20	.55	.00	.23	-.55	-1.12	-.86	1.16	.55	.89	.99	.21	.62
21	.22	-.16	.02	-.50	-1.12	-.76	1.09	.45	.80	.94	.23	.59
22	.28	-.16	.11	-.02	-1.00	-.43	1.26	.69	1.06	.69	.03	.42
23	.12	-.17	.00	.31	-.70	-.07	1.02	.12	.62	.68	.10	.38
24	.26	-.29	.00	.69	-.10	.37	.81	-.12	.37	.62	.01	.35
25	.38	-.37	.05	.67	.18	.44	.88	.23	.60	.69	.19	.48
26	.52	-.14	.20	.70	.13	.39	.72	.33	.51	1.04	.55	.81
27	.73	.07	.41	.54	-.36	.20	.57	.05	.34	1.22	.76	.98
28	.57	-.27	.02	.64	.01	.35	.97	.57	.75	1.11	.49	.86
29	.15	-.71	-.24	.71	-.14	.32	1.05	.23	.80	1.08	.33	.71
30	---	---	---	.71	.36	.53	.30	-.23	.04	.99	.25	.64
31	---	---	---	.71	-.02	.34	---	---	---	1.18	.26	.75
MONTH	.81	-1.16	-.03	.94	-1.12	.08	1.26	-.55	.43	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.20	.32	.82	.99	.11	.59	.89	.40	.68	.77	.34	.58
2	1.27	.49	.90	1.06	.20	.65	.71	.45	.59	.90	.35	.63
3	1.10	.41	.75	1.03	.10	.56	.56	.34	.46	.88	.25	.58
4	1.09	.24	.64	.81	.17	.49	.55	.30	.41	.82	.20	.54
5	.99	.26	.63	.58	.20	.42	.78	.30	.56	.83	.21	.55
6	.90	.33	.63	.52	.31	.39	.99	.37	.67	.87	.16	.57
7	.80	.36	.59	.78	.39	.62	1.11	.56	.85	.71	.12	.45
8	.60	.11	.37	1.11	.40	.79	1.07	.39	.78	.78	.08	.49
9	.31	-.01	.10	.63	.09	.40	.86	.26	.62	.70	.11	.43
10	---	---	---	.48	-.11	.22	.82	.24	.54	.58	.05	.37
11	.57	.04	.34	.60	-.12	.25	.87	.23	.55	.63	.05	.38
12	.98	.10	.61	.56	-.10	.25	.51	.08	.36	.76	.25	.52
13	.92	.14	.57	.69	-.10	.31	.50	.03	.30	.70	.39	.53
14	.85	.14	.50	.89	-.07	.47	.46	.01	.26	.78	.31	.65
15	.82	.11	.49	.80	.13	.47	.68	.01	.40	1.26	.75	1.03
16	.79	.09	.44	.90	.11	.54	.58	.18	.41	1.43	.99	1.24
17	.80	.04	.41	1.10	.33	.84	.75	.25	.55	1.06	.50	.78
18	.82	.11	.45	1.16	.74	.96	.72	.44	.61	.89	.30	.61
19	.82	.15	.49	.96	.54	.80	.63	.37	.50	.94	.32	.68
20	.76	.22	.48	.61	.31	.50	.96	.52	.78	1.15	.44	.83
21	.71	.19	.42	.55	.18	.36	1.22	.87	1.05	1.41	.57	1.04
22	.64	.19	.39	.32	.04	.18	1.61	1.22	1.45	.96	.35	.67
23	.48	.12	.33	.15	-.23	.00	1.69	1.00	1.40	1.04	.32	.74
24	.64	.16	.37	.36	-.15	.10	1.44	.78	1.18	.98	.40	.75
25	.54	.17	.34	.61	-.10	.26	1.34	.68	1.05	.92	.49	.75
26	.52	-.05	.27	.71	-.11	.32	1.18	.54	.92	1.23	.67	1.00
27	.65	-.02	.36	.90	-.02	.50	1.17	.51	.84	1.29	.94	1.11
28	.66	.01	.31	.98	.13	.61	1.05	.47	.76	1.19	.62	.87
29	.85	.03	.47	1.12	.20	.70	.85	.38	.58	.95	.28	.60
30	.77	-.10	.43	1.12	.35	.78	.92	.42	.64	1.11	.46	.80
31	---	---	---	1.05	.43	.77	.73	.40	.58	---	---	---
MONTH	---	---	---	1.16	-.23	.49	1.69	.01	.69	1.43	.05	.69

MISSISSIPPI RIVER DELTA
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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 38,000 microsiemens, Dec. 18, 19, 1996; minimum daily, 122 microsiemens, Feb. 18, 1996.

WATER TEMPERATURES: Maximum daily, 33.3°C, July 27, 1995; minimum daily, 6.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum daily, 38,000 microsiemens, Dec. 18, 19; minimum daily, 122 microsiemens, Feb. 18.

WATER TEMPERATURES: Maximum daily, 32.4°C, July 23, 24; minimum daily, 6.6°C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	33400	29500	31900	34300	30400	32700	19200	2870	6900	27200	12900	17500
2	32800	29800	31700	32300	18500	27900	9680	1960	3340	23700	7190	14000
3	32100	29800	30600	18500	7610	11200	17100	4360	7790	7190	1040	3490
4	31300	25300	29900	7610	2060	4010	12600	2750	5180	1720	797	1080
5	29400	24300	27300	22500	3430	8500	7770	765	2880	3420	892	1490
6	26500	18600	22800	31800	12600	19900	4720	822	1740	1190	727	1030
7	18600	6910	11100	32300	12400	23000	3910	267	1540	1210	697	1030
8	9360	2950	5700	12400	3860	6710	17400	452	2680	825	432	633
9	13400	3120	6400	23300	2430	6740	22700	763	9610	851	330	555
10	5030	1800	3320	34800	23300	31800	3490	174	535	695	224	421
11	7580	2160	3700	33000	10100	25200	22100	3490	10200	4870	497	2330
12	25700	7580	16100	10100	1930	4710	19600	9400	13900	2660	616	2000
13	30800	14000	26400	16700	2600	7300	28600	15700	24900	2450	463	693
14	28800	12100	22000	2940	515	1810	29400	20400	24400	12900	414	2820
15	12100	5500	8330	12100	1310	5740	27300	16300	20600	10900	1940	3580
16	25000	6620	16100	6000	1230	2800	20600	12500	14700	12300	2320	4490
17	14000	8250	10800	15200	787	3420	31600	19300	23600	19700	3020	8330
18	30600	10100	23800	24800	8590	16400	38000	24400	31800	26700	10800	21600
19	28900	22800	26500	27000	6780	14500	38000	11900	23100	10800	634	3650
20	26900	11300	18900	29200	8740	16200	11900	1570	4700	2820	633	1150
21	14400	6810	9590	21200	5540	9500	2720	1120	1630	4970	675	2020
22	20100	10100	13900	15500	1180	4330	4680	1580	2780	1090	568	783
23	28900	14500	19700	28700	4540	13800	1790	1010	1420	2660	672	1090
24	23700	9420	13500	15900	1980	6160	3090	758	1830	3110	532	1550
25	16700	6420	9780	10600	902	2840	1300	699	1010	3660	349	848
26	31800	14500	21200	12200	1090	3650	912	450	660	19400	3660	12400
27	34000	19700	28600	20100	1880	9660	2440	644	921	19500	7780	14400
28	28300	12800	22000	17400	1710	7620	3540	1860	2520	9790	1470	3730
29	16700	8410	12300	1710	247	595	16600	2000	5750	12200	1400	3610
30	26500	8180	15400	10800	266	2270	28700	16600	21500	7180	1680	2850
31	36900	11700	30400	---	---	---	30000	20000	23700	3730	185	1290
MONTH	36900	1800	18400	34800	247	11000	38000	174	9610	27200	185	4400

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3980	153	526	568	230	336	2700	1890	2460	1020	715	840
2	6330	594	2200	2310	568	1540	1940	858	1420	869	669	769
3	758	149	425	3030	2280	2720	889	599	709	900	642	750
4	635	177	426	3060	2720	2920	752	477	633	642	411	550
5	467	144	224	3590	2600	3120	691	538	621	566	383	472
6	800	175	486	4910	3560	4280	601	401	510	567	369	478
7	1380	233	706	4970	4100	4600	1520	433	705	1040	338	488
8	2060	1020	1530	4100	2980	3440	3930	1520	2440	7320	324	1380
9	1300	381	918	2980	2410	2680	4690	3930	4400	13400	431	2580
10	1380	349	764	2440	1950	2230	4200	3180	3670	7770	633	1500
11	1080	317	810	2060	1810	1940	3860	3060	3370	1120	389	607
12	1220	238	681	2240	1810	1990	3430	3090	3320	1260	344	858
13	453	147	301	3160	2240	2830	3110	2700	2990	573	270	385
14	679	129	373	3740	3050	3390	2700	2070	2370	481	239	381
15	493	191	385	5110	3740	4740	2120	1660	1950	649	294	451
16	506	140	294	6350	5110	6000	1950	1360	1590	440	289	382
17	595	139	304	6630	6040	6380	1460	1050	1270	555	298	392
18	580	122	300	6150	5210	5790	1130	931	1060	442	277	368
19	378	210	279	5210	4220	4710	1030	904	947	453	287	369
20	514	134	269	4220	3470	3840	1040	858	952	448	250	361
21	391	148	283	3500	2950	3250	1060	918	978	502	275	377
22	374	189	282	2950	2310	2690	2080	876	1130	494	316	406
23	388	249	319	2370	2040	2140	3500	2080	3160	537	290	376
24	433	232	320	4920	2370	3140	3380	2630	3090	483	274	370
25	415	184	317	8740	4920	7450	2630	2010	2330	434	269	360
26	429	214	313	8800	7120	8160	2020	1600	1840	428	231	330
27	471	181	350	7120	4480	5580	1600	1120	1370	4300	226	1050
28	535	382	472	4480	2940	3380	1200	971	1080	417	251	342
29	413	202	314	2960	2360	2730	2240	1200	1860	443	211	313
30	---	---	---	3920	2580	3530	1660	883	1150	573	188	329
31	---	---	---	3340	2700	3110	---	---	---	525	217	328
MONTH	6330	122	523	8800	230	3700	4690	401	1850	13400	188	611

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	606	181	345	385	317	332	396	367	381	1100	561	767
2	373	191	277	376	322	332	413	376	401	1990	802	1300
3	367	196	262	349	324	334	441	413	424	1630	788	1120
4	518	159	290	420	330	359	462	418	440	1550	748	1140
5	404	147	285	410	343	360	418	380	391	1460	754	1180
6	383	196	296	416	343	375	391	371	378	1950	871	1250
7	495	175	275	397	336	358	414	365	378	1180	726	915
8	521	250	400	369	336	345	372	340	350	1330	725	1140
9	1000	256	468	445	347	372	379	341	348	1180	739	955
10	---	---	---	472	352	391	410	365	381	1030	615	801
11	---	---	---	524	334	382	419	365	387	2850	731	1270
12	---	---	---	516	305	370	464	388	415	10400	1060	4320
13	310	230	272	556	290	364	652	342	470	6410	3530	4900
14	303	206	248	573	298	386	626	349	427	12200	3970	6600
15	389	183	254	447	284	320	669	346	399	25400	11800	20100
16	351	174	250	369	287	311	509	345	375	23900	8270	18800
17	282	132	217	2050	279	557	509	345	378	16900	6500	9600
18	362	249	338	4980	291	1330	364	347	352	6550	2800	4840
19	437	354	376	646	294	358	439	356	371	6630	1520	3720
20	482	357	414	415	319	351	1170	360	481	10100	1450	4440
21	451	350	388	463	329	387	14700	1170	8700	14500	1540	5510
22	541	346	408	502	371	432	22800	14700	20400	2070	1140	1470
23	626	347	415	548	361	454	22100	19500	20900	2600	957	1480
24	626	344	415	549	330	395	20700	16100	19800	1430	918	1080
25	540	344	415	549	350	408	16100	9670	13300	1530	755	945
26	466	335	385	510	369	405	9670	4610	6460	14500	879	5560
27	544	337	373	1630	364	613	4610	1740	2620	12400	6400	8940
28	544	336	382	4190	350	1240	1910	860	1280	6400	1160	3640
29	475	329	358	5080	367	1480	1460	750	1000	1480	1030	1190
30	421	325	351	5160	382	1540	1090	604	805	2950	1380	1830
31	---	---	---	1030	369	475	1260	638	865	---	---	---
MONTH	1000	132	339	5160	279	520	22800	340	3360	25400	561	4030

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	28.3	27.0	27.6	21.6	19.6	20.5	16.3	15.1	15.9	11.1	9.2	10.3
2	27.8	27.0	27.3	23.4	21.2	22.3	16.8	15.2	15.9	12.4	11.1	11.7
3	27.2	25.7	26.6	22.3	20.2	21.6	17.8	16.0	16.7	11.1	10.1	10.6
4	26.2	25.4	25.8	20.2	18.4	19.6	18.8	16.7	17.7	10.4	9.4	10.0
5	25.5	24.5	24.9	19.1	16.5	18.2	19.1	17.7	18.3	11.0	9.8	10.4
6	25.7	24.6	25.1	19.7	15.3	17.4	21.2	18.5	19.6	11.1	10.4	10.8
7	25.0	23.9	24.6	19.7	16.5	18.2	20.5	18.2	19.4	10.4	8.7	9.7
8	24.9	23.3	24.1	19.3	18.6	18.9	19.3	18.1	18.5	8.7	7.7	8.1
9	24.5	22.9	23.8	19.0	17.5	18.4	19.3	15.4	17.5	8.4	7.4	7.9
10	24.5	23.3	24.0	19.0	17.2	18.0	15.4	12.5	14.2	8.6	7.6	8.1
11	25.0	23.3	24.1	19.1	18.0	18.5	13.4	10.6	12.4	9.6	8.4	8.9
12	24.5	24.0	24.2	18.5	17.7	18.0	13.2	10.3	11.9	10.8	9.0	9.5
13	25.4	24.2	24.7	18.5	16.5	17.6	13.5	10.6	12.0	10.3	9.0	9.5
14	25.3	23.2	24.5	18.0	17.1	17.6	14.7	12.4	13.5	11.4	9.5	10.3
15	23.2	21.9	22.5	18.1	16.4	17.1	16.1	13.9	14.9	12.1	10.6	11.3
16	22.2	20.5	21.5	18.0	16.7	17.3	16.6	15.1	15.7	13.9	11.2	12.3
17	22.5	21.3	22.0	17.5	16.5	17.1	18.7	16.3	17.4	16.6	12.5	14.0
18	22.5	20.6	21.5	17.6	17.2	17.4	19.1	18.0	18.7	17.6	14.8	16.7
19	23.0	21.8	22.3	17.9	17.1	17.6	18.9	14.6	16.9	14.8	11.3	12.3
20	23.1	21.8	22.7	18.5	17.6	18.0	15.3	13.8	14.6	11.6	10.7	11.0
21	22.2	21.0	21.6	18.4	17.6	18.0	14.0	12.0	12.8	11.4	10.1	10.7
22	22.7	21.0	21.7	17.9	17.0	17.5	12.0	10.4	11.3	11.4	10.0	10.6
23	22.5	20.9	21.8	18.4	17.0	17.8	10.5	9.5	9.9	12.0	10.7	11.3
24	23.3	22.0	22.7	18.2	17.1	17.6	10.0	9.0	9.5	13.1	11.6	12.4
25	23.2	22.0	22.7	17.4	16.2	16.8	9.8	9.4	9.6	12.8	11.7	12.3
26	23.5	22.5	23.0	17.1	16.1	16.7	9.5	9.0	9.3	15.1	12.8	13.9
27	24.5	23.2	24.0	18.2	16.5	17.3	9.5	9.0	9.3	15.1	12.9	14.0
28	24.6	22.9	24.0	19.1	17.3	18.1	9.3	8.4	8.8	13.4	12.4	12.8
29	23.3	21.9	22.6	17.3	16.1	16.6	8.8	7.7	8.4	13.2	12.5	12.9
30	22.5	20.8	21.4	16.5	15.5	16.0	8.7	7.8	8.3	14.1	12.9	13.5
31	21.1	18.3	19.4	---	---	---	9.6	8.6	9.1	13.9	12.5	13.3
MONTH	28.3	18.3	23.5	23.4	15.3	18.1	21.2	7.7	13.8	17.6	7.4	11.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.9	12.3	12.6	15.2	13.2	14.8	19.9	16.6	18.0	24.3	23.1	23.6
2	13.1	9.9	11.4	15.1	12.5	14.0	17.5	16.2	16.9	23.9	22.3	23.1
3	9.9	8.8	9.3	15.0	13.9	14.6	17.8	16.5	17.1	24.6	22.4	23.4
4	8.9	7.1	7.5	16.7	14.5	15.6	18.8	17.3	17.9	25.2	23.6	24.2
5	7.4	6.6	7.0	17.4	15.3	16.2	19.1	17.9	18.6	25.5	23.8	24.7
6	7.9	6.7	7.2	18.6	17.2	17.8	17.9	14.9	16.1	25.7	24.5	25.0
7	8.4	7.1	7.7	18.6	14.6	17.0	16.4	14.4	15.2	26.4	24.6	25.4
8	9.8	8.0	8.8	14.6	12.2	13.2	17.9	15.2	16.1	26.5	24.9	25.7
9	11.4	8.8	9.7	12.4	10.9	11.7	17.7	16.4	16.9	26.8	25.3	26.0
10	11.4	8.8	9.7	11.8	10.2	11.0	18.4	16.8	17.5	27.2	25.6	26.2
11	12.0	9.6	10.6	11.4	10.1	10.8	18.8	17.0	18.0	26.4	25.4	25.8
12	13.9	9.6	11.5	13.1	10.9	11.8	19.0	17.4	18.1	26.4	24.3	25.2
13	10.9	9.4	9.9	14.2	11.8	12.9	19.4	17.9	18.7	25.2	24.0	24.6
14	11.7	9.7	10.8	16.8	13.0	14.4	20.9	18.4	19.6	---	---	---
15	12.8	11.3	12.1	18.3	15.0	16.4	20.7	19.8	20.3	27.3	25.1	25.9
16	13.0	10.3	11.9	18.7	17.4	18.1	20.6	18.8	19.5	26.8	25.4	26.1
17	11.5	9.3	10.0	19.6	17.8	18.6	19.7	18.6	19.1	27.0	25.3	26.1
18	11.6	9.6	10.4	19.6	17.6	18.4	19.6	18.6	19.1	27.0	25.2	26.0
19	12.2	10.9	11.5	18.0	15.2	16.4	21.0	19.6	20.4	27.0	25.4	26.2
20	15.0	12.2	13.3	15.2	13.2	13.9	22.9	21.0	21.7	26.9	25.6	26.2
21	15.4	13.1	14.3	14.1	12.7	13.4	23.5	22.0	22.6	27.4	25.7	26.3
22	14.8	13.2	13.8	15.6	13.7	14.5	25.4	21.7	23.3	27.1	26.4	26.7
23	14.9	14.1	14.5	16.1	14.4	15.3	24.6	22.0	22.7	27.8	26.8	27.2
24	16.3	14.8	15.8	18.4	15.6	17.0	22.8	21.1	21.9	28.5	27.2	27.6
25	18.0	16.0	17.1	18.4	17.7	18.1	22.5	21.3	22.0	28.7	27.3	27.9
26	18.6	17.0	17.7	17.7	15.9	16.7	23.6	22.4	23.0	28.8	27.4	28.0
27	19.9	18.0	18.7	15.9	15.0	15.3	24.8	23.4	24.2	29.1	27.5	28.1
28	20.5	18.0	19.3	15.5	14.7	15.1	25.4	24.0	24.6	28.8	27.5	28.1
29	18.0	15.2	16.2	16.3	15.2	15.6	25.1	23.4	24.7	28.3	27.2	27.7
30	---	---	---	18.0	15.8	16.9	24.5	22.7	23.6	28.2	26.6	27.5
31	---	---	---	19.3	17.4	18.3	---	---	---	28.5	26.9	27.6
MONTH	20.5	6.6	12.1	19.6	10.1	15.3	25.4	14.4	19.9	29.1	22.3	26.1

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.0	27.6	31.5	29.7	30.3	29.8	29.0	29.4	29.9	28.9	29.2
2	28.2	27.2	27.5	31.3	29.6	30.3	29.4	28.8	29.1	30.5	28.9	29.5
3	27.7	27.0	27.3	31.3	30.1	30.6	29.9	28.5	29.2	30.4	29.3	29.7
4	28.2	27.3	27.6	31.4	30.4	30.8	31.0	29.4	30.1	30.7	29.2	29.8
5	28.7	27.2	27.8	31.6	30.3	30.9	31.8	29.8	30.5	31.5	29.5	30.1
6	28.8	27.5	28.1	32.4	30.6	31.3	31.4	30.0	30.6	30.6	29.9	30.2
7	28.2	27.7	27.9	31.5	30.7	31.0	31.3	30.0	30.5	30.9	29.7	30.2
8	28.2	27.2	27.7	30.9	29.7	30.3	31.9	30.1	30.8	31.6	29.9	30.6
9	28.3	26.9	27.6	30.5	29.6	30.0	31.3	30.2	30.6	30.7	29.8	30.1
10	---	---	---	30.3	29.7	30.1	31.3	30.2	30.5	30.9	29.6	30.1
11	---	---	---	30.8	29.3	29.9	30.2	29.4	29.9	30.7	29.7	30.1
12	---	---	---	30.9	29.5	30.1	29.9	28.8	29.3	30.8	29.7	30.2
13	27.9	27.0	27.5	30.9	30.0	30.4	29.2	28.3	28.8	30.7	29.7	30.2
14	28.2	27.1	27.8	30.7	30.1	30.4	30.0	28.3	29.1	30.3	29.7	30.1
15	29.1	27.5	28.2	31.3	29.7	30.3	29.5	28.7	29.1	30.2	28.7	29.4
16	29.5	28.1	28.7	32.1	30.0	30.7	30.2	28.8	29.5	29.8	28.1	28.9
17	29.4	28.2	28.8	31.0	30.2	30.5	30.1	29.2	29.7	30.7	28.9	29.8
18	---	---	---	30.9	30.0	30.4	30.5	29.4	29.9	30.5	29.4	30.0
19	---	---	---	31.4	30.4	30.9	31.7	29.7	30.4	30.0	29.2	29.6
20	28.9	28.3	28.6	31.6	30.4	31.0	30.9	29.7	30.2	29.5	28.2	28.9
21	29.3	28.6	28.8	31.9	30.4	31.2	29.7	28.4	29.3	28.2	26.7	27.6
22	29.5	28.9	29.1	32.1	30.9	31.5	28.4	27.2	27.7	29.3	27.4	28.0
23	29.7	28.9	29.2	32.4	31.3	31.8	28.4	27.3	27.8	29.2	27.2	27.9
24	29.4	28.4	28.9	32.4	31.6	31.9	29.5	27.9	28.6	28.7	27.4	27.9
25	30.0	28.2	29.1	32.0	30.5	31.2	30.4	28.6	29.2	28.5	27.3	27.8
26	30.6	28.6	29.7	30.6	29.9	30.2	30.6	29.1	29.6	28.6	27.4	27.8
27	30.2	28.7	29.3	30.8	29.6	30.1	30.5	29.3	29.7	28.1	27.2	27.6
28	30.1	28.3	29.1	31.1	29.7	30.3	30.1	29.3	29.6	27.4	25.9	26.8
29	30.3	28.7	29.4	30.5	29.7	30.1	30.3	29.3	29.8	25.9	25.2	25.6
30	30.8	29.2	30.0	30.3	29.3	29.8	30.5	29.5	29.8	25.4	24.0	24.9
31	---	---	---	29.8	29.4	29.6	29.9	29.1	29.5	---	---	---
MONTH	30.8	26.9	28.5	32.4	29.3	30.6	31.9	27.2	29.6	31.6	24.0	29.0

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA

LOCATION.--Lat 29°24'22", long 90°44'15", in sec.73, T.19 S, R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three- pile platform, 2.25 mi west of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1993 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature sensors on inside and outside of gated structure. Datum of gage is an assumed elevation.

REMARKS.--Stage affected by wind and tide. Extremes for maximums could be higher and minimums lower during periods of missing record. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded outside gage height, 2.02 ft, July 1, 1995; minimum recorded outside, -1.33 ft, Jan. 8, 1996; maximum inside gage height, 2.58 ft, June 21, 1993; minimum recorded inside, -0.29 ft, Jan. 10., 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded outside gage height, 1.95 ft, Oct. 3; minimum recorded outside, -1.33 ft, Jan. 8; maximum recorded inside gage height, 1.14 ft, Apr. 22, 23, July 18; minimum recorded inside, -0.29 ft, Jan. 10.

OUTSIDE GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.94	1.35	1.67	1.35	.97	1.15	.60	.14	.31	1.21	.63	.91
2	1.92	1.51	1.74	1.16	.94	1.07	.61	-.01	.29	1.21	.44	.79
3	1.95	1.45	1.74	1.05	.40	.80	.69	.17	.44	.44	-.21	.03
4	1.66	1.41	1.56	.58	.00	.26	.66	.06	.35	.54	-.32	.04
5	1.93	1.45	1.73	.72	.27	.47	.73	.17	.43	.54	-.11	.22
6	1.57	1.29	1.46	.99	.35	.65	.76	.12	.43	.55	-.15	.17
7	1.29	.77	1.05	1.01	.61	.79	.76	-.05	.33	-.15	-.92	-.67
8	1.27	.85	1.08	.78	.04	.36	.79	.15	.42	-.30	-1.33	-.88
9	1.29	.75	1.04	.98	.29	.57	.83	-.32	.16	-.24	-.82	-.53
10	1.20	.67	.93	1.16	.73	.95	.11	-.69	-.39	-.24	-.82	-.52
11	1.15	.60	.91	1.27	.35	.80	.20	-.46	-.09	.14	-.28	-.05
12	1.27	.85	1.08	.68	.07	.36	.30	-.20	.05	-.02	-.50	-.37
13	1.43	1.04	1.24	.84	.26	.57	.58	.18	.35	-.04	-.64	-.37
14	1.41	.55	1.02	.57	.00	.27	.63	.29	.45	.17	-.47	-.13
15	.85	.49	.67	.58	.28	.46	.63	.14	.36	.27	-.47	-.11
16	1.14	.58	.85	.51	.01	.23	.67	.27	.44	.47	-.37	.04
17	.96	.71	.85	.58	.11	.24	.85	.33	.62	.80	-.11	.30
18	1.22	.71	.98	.58	.26	.45	1.31	.61	.93	.86	.34	.65
19	1.13	.97	1.05	.70	.28	.49	1.26	.30	.70	.40	-.49	-.05
20	1.14	.50	.83	.84	.49	.66	.44	-.32	.03	.42	-.30	.08
21	.84	.54	.67	.83	.07	.44	.51	-.32	.12	.54	-.15	.18
22	1.06	.63	.85	.85	.05	.44	.53	-.41	.03	.38	-.17	.14
23	1.11	.77	.96	.93	.35	.66	.41	-.36	.03	.55	.08	.30
24	1.11	.63	.88	.93	.00	.45	.34	-.35	.01	.83	.09	.34
25	1.13	.59	.87	.72	.06	.44	.20	-.40	-.08	.48	.03	.18
26	1.23	.71	1.02	.74	.12	.46	.10	-.49	-.17	1.19	.48	.81
27	1.45	1.09	1.27	.92	.45	.73	.10	-.28	-.07	.99	.12	.42
28	1.46	.70	1.05	.93	.29	.64	.02	-.34	-.14	.62	-.08	.23
29	1.10	.59	.85	.47	.06	.25	.22	-.30	-.09	.77	.13	.44
30	1.05	.36	.78	.60	-.15	.15	.51	.01	.24	.74	.14	.44
31	1.27	.79	1.06	---	---	---	1.02	.13	.53	.74	.10	.36
MONTH	1.95	.36	1.09	1.35	-.15	.54	1.31	-.69	.23	1.21	-1.33	.11

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

OUTSIDE GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.74	.03	.36	.63	-.18	.16	.16	-.18	-.05	.70	.16	.47
2	.77	.09	.38	.66	.14	.42	.14	-.32	-.10	.60	.20	.49
3	.21	-.43	-.14	.58	.08	.35	.39	-.18	.18	.70	.20	.48
4	-.35	-.89	-.67	.55	.13	.34	.47	-.18	.27	.86	.26	.58
5	-.12	-.77	-.51	.87	.55	.65	.46	.07	.29	.91	.36	.64
6	.05	-.44	-.18	.98	.72	.82	.26	-.21	.06	.88	.34	.60
7	.36	.00	.14	.92	-.27	.35	.70	-.24	.24	.96	.34	.66
8	.44	.22	.32	-.27	-.80	-.49	.94	.14	.57	1.03	.48	.77
9	.28	.02	.16	-.20	-.88	-.55	.88	.24	.56	1.18	.58	.87
10	.57	.04	.30	-.18	-.71	-.43	.88	.27	.60	1.02	.65	.87
11	.35	-.01	.12	.02	-.64	-.30	1.03	.42	.71	.90	.48	.66
12	.35	-.49	-.10	.42	-.45	.00	.92	.42	.67	.48	.20	.34
13	.45	-.35	.09	.56	-.36	.07	.98	.57	.72	.66	.28	.50
14	.61	-.19	.19	.70	-.18	.25	1.18	.50	.78	.52	.26	.41
15	.64	-.02	.33	.85	.14	.48	1.22	.16	.71	.88	.29	.61
16	.60	-.57	-.06	.95	.34	.61	.44	.11	.23	.92	.33	.67
17	.23	-.58	-.22	.97	.60	.78	.72	.16	.51	1.05	.43	.78
18	.31	-.39	-.06	.98	.40	.74	.91	.38	.70	1.07	.47	.78
19	.58	.18	.39	.40	-.31	.01	1.06	.52	.82	1.03	.41	.75
20	.70	.19	.41	-.30	-.84	-.57	1.24	.78	1.02	1.13	.51	.83
21	.35	.05	.20	-.31	-.84	-.57	1.10	.62	.90	1.13	.58	.82
22	.49	.03	.26	.02	-.76	-.30	1.31	.82	1.12	.88	.50	.69
23	.29	.06	.16	.32	-.47	.00	1.08	.39	.79	.88	.43	.64
24	.34	-.07	.14	.65	.07	.41	.80	.16	.49	.79	.42	.60
25	.44	-.14	.18	.71	.30	.51	1.04	.45	.75	.83	.49	.69
26	.60	.08	.34	.62	.12	.41	.88	.54	.71	1.17	.73	.99
27	.69	.23	.48	.56	-.11	.29	.69	.26	.48	1.41	.99	1.19
28	.60	-.16	.13	.76	.19	.47	1.04	.66	.85	1.31	.79	1.10
29	.07	-.58	-.21	.74	.10	.43	1.15	.49	.95	1.27	.75	.98
30	---	---	---	.78	.54	.66	.49	.10	.29	1.08	.59	.88
31	---	---	---	.80	.14	.50	---	---	---	1.22	.53	.94
MONTH	.77	-.89	.10	.98	-.88	.21	1.31	-.32	.56	1.41	.16	.72

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.31	.68	1.03	1.07	.43	.78	1.07	.70	.90	.91	.43	.75
2	1.42	.86	1.11	1.17	.53	.85	.95	.62	.83	1.03	.61	.85
3	1.26	.78	1.01	1.07	.55	.79	.78	.61	.69	1.01	.54	.78
4	1.23	.64	.92	.92	.48	.70	.71	.53	.63	.94	.49	.73
5	1.15	.66	.90	.73	.47	.63	.93	.59	.76	.93	.46	.73
6	1.12	.67	.89	.70	.52	.60	1.09	.67	.88	.99	.43	.76
7	1.07	.66	.85	.94	.58	.79	1.23	.79	1.01	.82	.41	.64
8	.96	.44	.69	1.29	.67	1.02	1.21	.69	.98	.88	.37	.66
9	.56	.30	.39	.79	.43	.66	.99	.58	.81	.89	.39	.63
10	.57	.28	.41	.67	.20	.51	.93	.54	.74	.69	.30	.55
11	.78	.34	.63	.80	.20	.54	1.00	.50	.74	.67	.26	.52
12	1.18	.45	.90	.79	.29	.55	.69	.35	.56	.82	.47	.65
13	1.13	.61	.90	.86	.29	.60	.72	.29	.52	.81	.51	.68
14	1.07	.55	.81	1.04	.30	.72	.61	.28	.45	.89	.66	.79
15	1.04	.54	.79	1.02	.52	.75	.92	.29	.60	1.33	.89	1.13
16	1.02	.52	.77	1.08	.49	.78	.74	.46	.61	1.53	1.01	1.36
17	1.01	.46	.73	1.26	.66	1.03	.93	.49	.72	1.23	.73	.99
18	1.06	.48	.76	1.34	1.01	1.17	.90	.67	.81	.99	.53	.78
19	1.05	.57	.80	1.22	.86	1.05	.79	.51	.69	1.04	.57	.85
20	.97	.62	.79	.89	.61	.78	1.03	.65	.90	1.25	.74	1.02
21	.87	.57	.72	.75	.47	.62	1.27	1.02	1.14	1.54	.89	1.21
22	.84	.53	.69	.57	.33	.45	1.60	1.25	1.47	1.07	.64	.89
23	.72	.50	.64	.40	.07	.27	1.67	1.19	1.47	1.13	.69	.93
24	.86	.48	.64	.55	.13	.34	---	---	---	1.17	.69	.93
25	.74	.48	.60	.80	.19	.49	1.41	.97	1.21	1.00	.73	.89
26	.76	.30	.55	.85	.25	.55	---	---	---	1.32	.82	1.10
27	.90	.32	.61	1.01	.27	.70	1.31	.81	1.05	1.36	1.10	1.21
28	.82	.39	.58	1.08	.44	.80	1.19	.76	.96	1.27	.83	1.04
29	.95	.39	.68	1.20	.52	.88	.97	.68	.79	.96	.52	.75
30	.91	.40	.67	1.24	.64	.97	1.01	.65	.82	1.11	.68	.92
31	---	---	---	1.20	.72	.98	.87	.63	.77	---	---	---
MONTH	1.42	.28	.75	1.34	.07	.72	---	---	---	1.54	.26	.86

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

INSIDE GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	.98	.75	.84
2	---	---	---	---	---	---	---	---	---	1.07	.75	.95
3	---	---	---	---	---	---	---	---	---	.75	.37	.57
4	---	---	---	---	---	---	---	---	---	.37	.17	.27
5	---	---	---	---	---	---	---	---	---	.43	.22	.33
6	---	---	---	---	---	---	.56	.34	.44	.46	.38	.43
7	---	---	---	---	---	---	.59	.28	.44	.40	.06	.24
8	---	---	---	---	---	---	.49	.25	.35	.06	-.17	-.08
9	---	---	---	---	---	---	.62	.19	.45	-.17	-.24	-.20
10	---	---	---	---	---	---	.20	-.09	.02	-.24	-.29	-.26
11	---	---	---	---	---	---	.06	-.10	-.03	.13	-.27	-.07
12	---	---	---	---	---	---	.07	-.06	.00	.13	-.15	-.01
13	---	---	---	---	---	---	.33	.06	.23	-.11	-.24	-.19
14	---	---	---	---	---	---	.45	.33	.38	.08	-.20	-.10
15	---	---	---	---	---	---	.50	.28	.38	.14	-.08	.01
16	---	---	---	---	---	---	.50	.29	.37	.23	-.04	.08
17	---	---	---	---	---	---	.68	.39	.51	.39	.10	.23
18	---	---	---	---	---	---	1.07	.57	.76	.78	.39	.62
19	---	---	---	---	---	---	1.09	.67	.92	.66	.24	.41
20	---	---	---	---	---	---	.67	.33	.47	.36	.12	.24
21	---	---	---	---	---	---	.40	.18	.29	.40	.20	.29
22	---	---	---	---	---	---	.40	.15	.28	.32	.11	.21
23	---	---	---	---	---	---	.31	.09	.19	.36	.21	.28
24	---	---	---	---	---	---	.26	.04	.15	.61	.32	.48
25	---	---	---	---	---	---	.16	-.02	.07	.33	.13	.22
26	---	---	---	---	---	---	.07	-.10	-.02	.94	.32	.56
27	---	---	---	---	---	---	-.01	-.10	-.05	.97	.49	.71
28	---	---	---	---	---	---	.01	-.13	-.07	.49	.22	.35
29	---	---	---	---	---	---	.03	-.17	-.10	.60	.36	.46
30	---	---	---	---	---	---	.29	.03	.12	.61	.41	.51
31	---	---	---	---	---	---	.79	.29	.44	.63	.40	.51
MONTH	---	---	---	---	---	---	---	---	---	1.07	-.29	.29

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.71	.31	.42	.37	.08	.17	.49	.23	.37	.63	.47	.54
2	.91	.67	.79	.47	.31	.39	.23	.08	.13	.61	.49	.57
3	.67	.37	.51	.49	.26	.37	.19	.07	.14	.62	.44	.54
4	.37	.09	.22	.42	.16	.29	.29	.15	.21	.68	.46	.57
5	.09	-.09	-.02	.59	.29	.48	.39	.22	.29	.74	.52	.64
6	.04	-.09	-.04	.78	.59	.74	.50	.32	.40	.74	.57	.65
7	.23	-.04	.08	.93	.54	.77	.35	.22	.28	.79	.58	.67
8	.37	.23	.33	.54	.19	.37	.47	.31	.39	.85	.65	.73
9	.34	.20	.26	.19	-.06	.05	.50	.38	.44	.95	.74	.82
10	.43	.18	.28	-.06	-.18	-.13	.54	.41	.47	.96	.83	.89
11	.42	.21	.31	-.10	-.22	-.18	.58	.46	.51	.94	.72	.83
12	.21	.03	.10	.15	-.16	-.05	.64	.50	.57	.72	.45	.56
13	.28	.02	.12	.25	-.02	.09	.80	.64	.72	.63	.45	.56
14	.38	.16	.23	.38	.04	.19	.85	.57	.67	.53	.42	.50
15	.48	.29	.36	.56	.30	.40	1.01	.61	.85	.68	.42	.59
16	.50	.13	.34	.64	.49	.56	.61	.37	.46	.74	.50	.64
17	.13	-.06	.01	.80	.64	.73	.57	.35	.47	.82	.58	.70
18	.12	-.05	.03	.96	.76	.85	.75	.48	.62	.84	.66	.75
19	.43	.05	.26	.76	.31	.52	.84	.63	.74	.83	.64	.73
20	.51	.31	.43	.31	.03	.19	1.04	.80	.93	.89	.68	.78
21	.34	.18	.27	.03	-.15	-.07	.96	.83	.90	.90	.71	.81
22	.37	.15	.26	-.09	-.20	-.15	1.14	.88	.99	.84	.70	.75
23	.28	.19	.23	-.01	-.16	-.11	1.14	.86	1.01	.73	.60	.67
24	.24	.10	.17	.20	-.02	.05	.86	.63	.72	.68	.55	.62
25	.28	.07	.15	.40	.20	.33	.87	.63	.74	.72	.54	.63
26	.39	.17	.27	.50	.34	.42	.90	.73	.81	.94	.72	.84
27	.61	.33	.42	.50	.41	.46	.73	.53	.61	1.12	.93	1.02
28	.64	.27	.47	.49	.40	.45	.87	.64	.76	1.13	.97	1.07
29	.27	.05	.15	.49	.38	.43	1.08	.87	1.00	1.07	.92	.98
30	---	---	---	.58	.45	.53	.95	.52	.70	.97	.83	.91
31	---	---	---	.63	.49	.58	---	---	---	.98	.79	.89
MONTH	.91	-.09	.26	.96	-.22	.31	1.14	.07	.60	1.13	.42	.72

MISSISSIPPI RIVER DELTA
07381329 MILL CREEK NEAR DULAC, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1993 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1993 to current year.

WATER TEMPERATURES: June 1993 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum outside , 34,800 microsiemens, Oct. 1, 1995; minimum outside , 106 microsiemens, Apr. 7, 1994; maximum inside , 32,900 microsiemens, Oct. 31, 1995; minimum inside, 134 microsiemens, on July 19, 1993.

WATER TEMPERATURES: Maximum outside, 35.2 °C, July 23, 1996; minimum outside, 0.1 °C, Feb. 4, 1996; maximum inside, 35.6 °C, June 26, 1996; minimum inside, -0.3 °C, Feb. 4, 1996.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum outside, 34,800 microsiemens, Oct. 1, minimum outside; 244 microsiemens, May 18; maximum inside, 32,900 microsiemens, Oct. 31; minimum inside, 269 microsiemens, May 27.

WATER TEMPERATURES: Maximum outside, 35.2 °C, July 23; minimum outside, 0.1 °C, Feb. 4, maximum inside, 35.6 °C, June 26; minimum inside, -0.3 °C, Feb. 4.

OUTSIDE SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	34800	31900	33000	29100	25100	26900	7200	3260	5130	15600	11200	13000
2	34700	33400	33700	25800	14900	20200	4670	3110	4090	14400	10200	12100
3	33400	30600	32100	16700	14500	15400	5770	3800	4880	11400	6540	9440
4	31300	28900	30300	16800	3760	12700	5990	4190	5150	6600	2230	5200
5	29100	25100	27100	5720	3330	4830	5000	3310	4220	5560	1670	3650
6	26900	15700	19300	15600	5610	11600	4820	2740	3490	7650	1820	4360
7	16100	8780	13900	24100	7890	15200	5180	2320	3730	8780	6610	8280
8	10400	5710	8240	10500	4440	8980	4540	2020	2980	7370	1660	5280
9	10200	4350	6760	5970	3430	4980	13600	3210	8180	1770	998	1330
10	10100	3940	6640	27800	5140	21600	7730	2370	6740	1790	1000	1430
11	7930	3100	4210	27600	14500	22800	8370	2330	6090	1610	934	1180
12	16300	3100	11700	14500	4090	11800	10200	5440	8700	3130	1610	2480
13	26000	10700	21400	12600	3230	8340	22300	9150	17300	2480	1270	2020
14	25800	17900	24000	11000	3880	8380	23700	14900	18600	2110	978	1500
15	17900	9770	11700	9110	2000	5190	18000	10800	14400	4600	2110	3310
16	17700	6420	12000	10100	3710	7110	12500	10200	11700	4280	2530	3170
17	9060	8380	8620	5360	1660	2690	23700	12300	16800	9410	3460	5230
18	22000	8140	16100	8680	2610	7320	31000	21600	25400	23200	7990	14600
19	21700	19200	20500	10300	6870	8020	31000	17500	21700	10400	2250	7780
20	21500	15100	19400	14800	10300	12100	17500	6750	14000	5800	1250	3930
21	15100	6920	10300	11700	6650	10700	12900	3450	8170	5570	1200	3550
22	9530	7330	8830	8660	2820	6670	9930	2820	6880	5650	1040	3530
23	19100	9510	14100	16000	4380	9890	7440	2900	5110	4280	896	1870
24	13800	11200	12700	8640	4940	7790	6620	2250	4960	3570	1030	2330
25	11200	6480	8370	6520	3680	4790	7370	1830	5120	4970	1510	3460
26	20000	6480	13400	5290	2430	4350	6240	2150	4670	26600	2520	17700
27	24300	10900	17900	7460	2680	5320	4460	1600	2600	26600	9380	16200
28	21800	9390	15900	6770	3530	5240	5680	1950	4050	11400	2410	7570
29	12100	9300	11100	7130	4890	6290	6200	3010	3930	7720	2280	5000
30	15500	9440	13000	7200	1670	5290	24800	6200	12300	6760	2400	4740
31	31200	9590	23000	---	---	---	27200	14000	19800	7620	2270	5390
MONTH	34800	3100	16400	29100	1660	10100	31000	1600	9060	26600	896	5830

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

OUTSIDE SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY				MARCH				APRIL			
1	6030	1310	3400	7160	1290	2370	4910	3660	4370	1480	391	965
2	5860	1310	4200	16000	5320	8820	4860	1580	3750	1260	532	927
3	6150	4890	5380	5320	4040	4920	3350	537	1170	1480	465	988
4	6650	3900	5890	4220	1960	3550	1940	499	949	1300	400	828
5	4470	1520	2930	4700	1700	3590	1200	673	881	876	336	608
6	4490	1200	2570	9380	3610	5770	3240	1200	2620	756	345	560
7	1830	1100	1340	5300	4090	4780	3390	773	2200	716	351	506
8	2770	1460	1920	5030	4730	4920	7170	1170	2710	560	333	441
9	3620	2250	2700	5170	1520	4210	7520	1220	3500	1470	442	705
10	3440	1640	2450	4450	1390	2540	2920	876	2210	2970	943	2070
11	4490	1920	3080	2670	1010	1760	2580	900	1830	1460	859	1190
12	4770	1620	3670	8570	903	2270	2230	872	1760	1360	1150	1290
13	1910	929	1490	8570	1620	3700	1930	673	1460	1170	584	891
14	3000	913	1510	6960	2390	4030	1660	558	1230	1260	824	976
15	2010	920	1470	14800	3380	6960	1440	556	896	1110	317	735
16	3370	1100	2080	9620	2400	4970	1620	1060	1410	702	272	535
17	3180	1430	2530	5740	2480	3980	1490	521	966	562	245	427
18	2530	941	1520	4080	2320	3140	716	424	559	492	244	388
19	1480	648	936	4070	3250	3570	691	378	523	513	253	405
20	1710	624	1000	4260	2830	3770	491	310	361	480	267	366
21	2520	1200	1720	3510	1420	2390	592	319	471	484	290	381
22	2450	1440	1730	2690	950	1490	18500	335	4050	560	337	460
23	2020	1260	1590	4580	871	1450	18600	2710	7180	624	403	518
24	2100	1000	1680	21800	2540	8870	2710	736	2020	648	334	501
25	1940	658	1360	22600	9240	14300	1650	588	1100	601	302	456
26	1300	547	922	10400	4890	8110	1490	584	1210	366	276	310
27	957	503	681	8470	1060	5630	1740	876	1510	337	280	287
28	1600	472	1120	3060	1170	2000	952	335	568	379	299	329
29	2100	1600	1960	3730	1160	2400	3250	373	1820	424	352	389
30	---	---	---	2360	1430	2010	2240	1350	1530	473	338	421
31	---	---	---	3680	1550	2500	---	---	---	532	309	424
MONTH	6650	472	2240	22600	871	4350	18600	310	1890	2970	244	654
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE				JULY				AUGUST			
1	458	307	388	728	391	555	653	486	568	5180	1450	3180
2	412	317	365	625	376	498	623	529	573	4710	1390	2650
3	412	324	371	573	391	487	837	623	722	5000	1430	3280
4	496	378	440	589	399	497	872	779	814	4950	1580	3070
5	581	368	488	591	464	535	868	469	611	4780	1410	2980
6	684	414	553	643	518	587	634	411	508	3850	1320	2490
7	714	473	634	616	450	541	576	380	447	4240	1120	2850
8	1010	669	830	513	398	446	484	354	424	4420	1250	2450
9	1420	1010	1190	658	513	571	600	475	524	3400	1270	2430
10	1460	1120	1300	873	658	759	778	482	654	4290	1130	2600
11	1410	500	982	968	438	759	923	580	737	5110	1230	2890
12	983	400	659	1030	417	778	1160	776	1030	3870	1060	1810
13	594	419	519	1080	370	780	1350	930	1200	4050	2190	3040
14	670	432	563	945	476	676	1610	765	1270	5080	3360	3730
15	722	402	591	639	404	511	1560	518	1090	17300	5080	11100
16	733	496	629	622	355	495	1300	632	1020	13400	5540	10500
17	804	468	654	539	314	420	1250	480	861	7740	3560	5600
18	834	523	678	831	299	420	828	397	605	9010	5140	7190
19	790	582	659	643	367	482	826	493	677	6850	3310	4920
20	863	532	660	602	436	503	802	394	557	5920	2150	4160
21	990	670	823	706	538	624	8320	460	5160	5440	2170	3640
22	1050	667	814	915	684	812	20800	8320	16500	4940	2780	4100
23	1040	691	824	1160	915	1040	21200	18300	19900	5170	1280	2770
24	1120	635	832	1230	753	1020	---	---	---	4060	1040	2490
25	1100	663	838	1140	421	792	17100	12400	14200	3110	908	2160
26	1120	644	899	859	507	674	---	---	---	7060	920	2430
27	1120	607	858	814	440	635	11600	2600	6800	7650	2360	4270
28	957	474	736	861	393	607	9620	1900	5960	6820	4400	5760
29	994	423	724	1250	431	757	8510	3030	6380	4400	1880	3980
30	818	455	657	1250	451	898	7800	1570	5110	3020	1200	1980
31	---	---	---	1240	443	794	6750	2410	5260	---	---	---
MONTH	1460	307	705	1250	299	644	21200	354	3450	17300	908	3880

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

INSIDE SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	30800	26000	28800	32000	26600	29600	6700	3900	5970	14800	11200	12900
2	32300	29400	31300	27900	22100	25500	7420	4160	5760	14600	12800	13700
3	32200	29200	3100	22100	18000	19500	6560	4910	5680	13200	12400	12800
4	29200	24600	26500	18700	17300	18100	7120	5040	6050	12500	3700	10900
5	26800	25400	26100	18100	16800	17100	7100	3320	5530	12500	1750	8790
6	26500	25300	25900	19900	18100	19200	7220	2980	4910	10100	1260	7140
7	25500	23200	24500	26200	17500	20300	7170	2930	4830	9410	8730	9180
8	24700	21600	22800	17900	17100	17500	6290	2500	4150	9360	9090	9190
9	23600	21400	22300	17200	16900	17100	12700	3610	7480	9520	9050	9260
10	23000	19700	21300	30700	17000	23600	8770	3750	8230	9840	6750	9440
11	21600	19800	20400	29600	19700	23700	7080	2540	5480	6750	655	2360
12	21400	18400	19300	20400	6800	18300	10100	5990	8330	7740	2930	5340
13	24200	17500	20600	19000	4680	13000	19900	9410	15900	8330	1220	6040
14	22400	17700	18800	17000	9270	14600	22200	14000	17600	8050	1380	4450
15	18200	17100	17900	16200	4670	10900	17800	11900	14900	6920	1940	4480
16	17600	16400	17000	15200	8760	12800	13500	10700	12500	5470	2320	3420
17	17400	16700	17000	15300	3330	10100	23900	13400	16800	7860	3140	4620
18	22100	16800	18800	12100	3880	8490	32600	20400	24900	20800	7860	14500
19	22400	20400	21400	11100	8300	9470	32700	21300	24400	10500	2490	9670
20	22400	16200	18500	13500	10200	11800	23400	16900	18600	10800	1370	6770
21	16600	15900	16300	12800	8120	11600	23100	4390	15900	9320	813	5010
22	16400	15600	16000	11500	3560	8490	15700	4350	12100	8110	1850	5320
23	19400	15000	16300	14200	4960	9820	14900	3730	10900	7640	697	3800
24	16100	14300	14900	10000	5950	8540	20100	3800	11100	6260	822	2850
25	15500	14800	15100	9380	3890	6540	18300	5080	12800	6490	1080	4310
26	22500	15200	17100	8380	3340	6110	15500	6580	11400	27300	1740	17000
27	28000	15200	21400	8260	3680	6310	14000	4110	9600	24400	13900	16200
28	25100	15900	18100	8030	4120	6120	12900	3820	8400	14900	3160	10600
29	17200	16700	17000	9100	8030	8630	14500	3850	9830	14900	2180	8820
30	17400	16800	17100	9350	2620	7330	25600	6610	12300	12600	2690	8120
31	32900	16800	24000	---	---	---	26700	13100	19000	10500	2440	7060
MONTH	32900	14300	19900	32000	2620	14000	32700	2500	11300	27300	655	8190

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9320	1430	5210	6870	1510	2640	5610	3290	4850	1830	534	1220
2	5600	1300	4080	12900	3600	7280	6120	2590	5130	1880	742	1270
3	6760	5250	5840	5760	4170	5080	5170	602	1870	2440	604	1330
4	7120	6110	6590	5190	2300	4130	3600	572	1360	1940	472	975
5	7240	5420	6420	5030	1900	3770	2230	923	1330	910	368	635
6	7260	2040	5130	7820	3940	5720	4190	2040	3450	737	382	538
7	5160	1090	1910	5090	4280	4810	4200	826	2720	671	350	491
8	6480	1150	3280	5410	4890	5220	6830	1190	2630	506	318	404
9	5020	2490	3860	5670	5410	5520	7360	1280	3620	964	392	550
10	4990	1490	2960	5830	5120	5640	2860	912	2040	1790	964	1280
11	4960	2390	3780	6180	1240	4380	2480	1030	1850	1280	979	1150
12	5710	1390	4440	6820	1030	3250	2080	930	1760	1460	1100	1230
13	3970	643	2020	6820	1760	3390	2040	730	1460	1470	709	1030
14	4560	643	2340	6670	2660	3870	2040	571	1420	1360	889	1080
15	3440	641	1870	12600	3640	6110	1650	540	967	1450	393	834
16	3870	942	2320	8580	2680	5170	1860	1240	1630	709	313	564
17	4010	991	3320	5810	2690	4250	1940	586	1120	591	271	444
18	3650	705	1940	5000	2640	3820	1030	418	632	518	289	417
19	1590	372	739	5010	3870	4330	804	396	560	569	325	445
20	1880	398	1090	5710	4860	5370	444	292	350	537	298	409
21	2820	1490	2170	5970	5530	5700	587	337	471	527	334	435
22	3000	1280	1990	6190	1240	4200	12900	330	2500	651	446	534
23	2690	1470	2140	4620	928	2300	14900	1280	3440	739	494	608
24	2760	1230	2090	22100	2910	8650	1900	974	1240	793	454	606
25	2470	724	1590	23100	9960	15000	1670	617	1170	653	361	515
26	1700	516	1010	11500	5350	9010	2400	617	1610	372	276	319
27	1100	494	744	8710	1490	6230	1710	1060	1550	335	269	278
28	2360	532	1570	8480	1570	4490	1060	373	601	455	295	353
29	2500	2140	2330	5930	1290	3580	2580	377	1440	447	343	401
30	---	---	---	2580	1500	2130	1560	1230	1330	508	378	455
31	---	---	---	4450	1630	3060	---	---	---	548	336	444
MONTH	9320	372	2920	23100	928	5100	14900	292	1870	2440	269	685

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

INSIDE SPECIFIC CONDUCTANCE, mS/CM AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	454	305	385	882	421	637	811	618	688	8030	4700	7450
2	438	309	366	780	408	574	805	665	723	5170	2320	4000
3	422	333	383	649	452	560	1050	805	914	6320	2430	4270
4	518	366	441	675	467	568	1130	952	1040	6430	2190	4190
5	692	445	540	715	569	624	1050	696	827	6310	1900	3740
6	814	474	616	821	589	693	905	585	682	4810	1730	3090
7	797	499	678	744	473	587	717	540	605	4470	2080	3410
8	1180	734	926	589	411	480	646	514	589	4790	1450	2840
9	1650	1180	1400	762	571	641	809	646	706	3660	1510	2650
10	1820	1140	1530	1040	762	887	1010	702	870	4700	2350	3330
11	1820	716	1200	1100	534	842	1140	785	950	5490	1380	3640
12	1400	513	829	1210	612	915	1510	993	1250	2480	1150	1870
13	779	549	642	1330	588	904	1640	1180	1460	3040	2200	2560
14	876	538	695	1170	535	772	1830	1120	1560	4160	2790	3190
15	1020	564	777	771	473	606	1830	772	1290	12800	4160	8860
16	1000	627	809	768	423	569	1800	945	1300	12800	10500	11800
17	1150	683	861	608	366	471	1660	635	1070	11000	9690	10100
18	1130	664	841	565	354	437	865	501	675	10000	7010	8570
19	1060	664	808	566	436	508	1040	575	745	8480	3450	5100
20	1050	610	789	740	516	606	859	451	583	7060	2040	3980
21	1330	772	1010	887	642	752	6770	443	3890	4930	1900	3210
22	1420	809	1070	1150	883	978	16200	6770	13000	5490	3770	4410
23	1390	829	1070	1480	1090	1230	17900	15900	16800	5730	1230	3170
24	1470	773	1020	1550	884	1200	---	---	---	4860	1140	2840
25	1290	806	1040	1600	654	1040	16400	12400	14300	4110	1790	2950
26	1400	901	1150	1270	637	891	---	---	---	4190	1140	2160
27	1550	722	1070	1110	495	728	13600	5330	10200	4850	2610	3690
28	1280	553	910	717	468	615	11300	4620	8550	6360	3870	4760
29	1260	482	829	940	496	682	10400	6000	8780	4780	2580	4210
30	956	536	758	1020	565	719	9940	3930	7780	3320	1510	2240
31	---	---	---	966	564	724	8240	6300	7380	---	---	---
MONTH	1820	305	848	1600	354	724	17900	443	3770	12800	1140	4410

OUTSIDE WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28.2	27.0	27.6	22.5	19.9	20.6	17.6	14.2	16.0	14.0	10.5	12.2
2	28.0	27.3	27.6	25.0	22.3	23.7	18.3	15.6	16.8	13.2	10.7	12.1
3	27.3	25.3	26.8	24.3	20.7	23.2	19.0	16.4	17.7	10.7	8.7	9.7
4	25.4	24.4	25.0	20.7	17.5	18.5	24.3	18.0	20.4	11.1	7.4	9.1
5	25.8	23.6	24.8	17.7	17.3	17.5	23.3	19.9	21.4	13.8	10.0	11.4
6	26.4	24.1	25.3	20.8	17.4	18.8	23.1	20.0	21.4	13.7	10.9	12.2
7	24.9	22.2	23.6	20.5	17.2	19.2	21.9	19.5	20.6	11.4	5.3	6.7
8	24.0	22.5	23.3	19.8	17.6	19.2	19.8	16.7	18.5	6.9	1.2	4.6
9	24.0	22.7	23.4	18.8	16.7	17.9	19.1	11.1	15.7	10.2	6.2	8.0
10	24.1	22.3	23.3	19.1	17.4	18.2	11.8	6.1	8.6	12.7	7.4	9.7
11	25.0	23.0	24.0	19.8	16.3	18.7	12.4	9.8	11.3	10.8	9.0	9.9
12	24.8	24.1	24.4	17.5	14.0	15.8	14.6	10.7	12.8	11.5	9.1	10.1
13	26.0	24.2	24.9	19.5	16.8	17.8	15.7	11.1	13.3	12.7	9.0	10.7
14	25.7	22.0	24.7	18.2	16.5	17.2	18.0	12.2	15.0	13.2	9.6	11.3
15	22.0	20.7	21.2	19.1	16.0	17.4	19.7	15.3	17.4	14.2	11.5	13.2
16	22.5	20.7	21.5	21.3	16.2	18.5	18.9	16.4	17.6	16.3	12.0	13.9
17	22.5	20.3	21.3	18.2	16.2	17.3	18.7	16.1	17.3	16.4	12.8	14.7
18	23.0	21.6	22.1	18.7	17.4	18.0	19.2	17.7	18.5	17.7	13.7	16.3
19	24.2	22.0	22.8	18.4	17.2	17.8	18.8	10.5	15.4	13.7	4.3	9.2
20	23.7	21.8	23.2	19.4	17.6	18.4	12.4	8.5	10.5	10.8	7.9	9.7
21	23.5	19.6	21.6	20.8	17.7	18.9	12.7	9.4	10.7	13.9	10.5	11.7
22	23.4	20.6	21.9	18.2	15.8	16.9	11.4	7.4	9.1	16.5	10.3	13.1
23	24.0	21.9	22.6	21.1	17.1	18.4	9.3	7.1	8.3	15.2	11.0	12.8
24	24.7	23.0	23.6	19.4	17.0	18.2	9.4	6.6	8.4	15.6	12.3	13.7
25	23.3	21.8	22.4	17.9	15.2	16.7	11.0	8.2	9.3	14.5	10.7	12.9
26	24.2	22.5	23.2	18.6	15.6	17.1	9.2	7.5	8.7	15.4	12.4	13.7
27	25.3	23.2	24.0	21.0	16.9	18.4	10.4	8.1	9.2	15.0	12.6	13.8
28	25.0	22.9	24.3	21.6	17.9	19.3	9.5	7.6	8.5	13.6	9.5	11.9
29	22.9	21.4	22.3	18.7	13.7	15.8	9.0	5.9	7.3	13.7	12.6	13.1
30	21.7	20.0	21.0	16.9	11.9	14.5	9.8	7.0	8.4	16.7	13.2	14.8
31	20.7	18.8	19.6	---	---	---	11.0	8.4	10.1	16.4	13.7	15.3
MONTH	28.2	18.8	23.5	25.0	11.9	18.3	24.3	5.9	13.7	17.7	1.2	11.7

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

OUTSIDE WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.7	12.3	12.5	14.3	9.7	11.2	21.5	16.9	19.3	26.0	21.3	23.4
2	12.5	5.8	9.7	16.4	11.8	14.3	21.8	16.2	18.8	26.4	23.0	24.5
3	7.5	2.1	4.8	17.8	13.1	15.2	19.5	16.7	18.1	26.2	23.6	24.6
4	4.4	.1	2.6	19.7	14.0	16.5	19.8	17.8	18.6	26.0	24.5	25.3
5	9.5	1.7	4.8	18.8	16.0	17.3	19.1	18.4	18.8	26.1	25.2	25.6
6	11.7	6.3	8.3	19.6	16.9	18.5	18.4	14.2	15.2	26.0	25.0	25.6
7	11.1	7.6	9.1	19.4	8.4	16.2	17.5	12.7	14.9	26.5	24.7	25.6
8	13.1	8.4	10.9	11.7	4.5	7.6	17.5	14.2	15.8	26.3	24.7	25.6
9	17.1	12.5	14.5	11.2	5.1	8.4	18.6	16.1	17.1	26.6	24.8	25.7
10	16.7	14.8	15.8	14.5	9.2	10.8	19.3	16.7	17.7	27.6	25.3	26.2
11	19.6	14.9	16.6	13.0	9.2	10.9	20.2	17.3	18.5	28.3	25.3	26.8
12	15.8	11.6	13.6	14.8	10.2	11.9	20.0	17.5	18.7	29.4	24.8	26.9
13	13.6	10.0	11.3	16.7	11.9	13.8	24.8	18.2	21.2	29.5	25.8	27.5
14	14.4	10.3	12.1	18.0	13.5	15.8	24.6	20.8	23.2	29.9	26.6	27.9
15	15.5	12.3	13.9	19.7	15.2	17.7	23.2	19.8	21.1	28.4	26.4	27.4
16	14.3	11.5	12.9	22.3	17.4	19.8	23.1	17.4	20.2	28.6	26.5	27.4
17	13.7	10.0	11.6	21.7	18.2	20.0	21.0	19.3	19.9	27.8	26.8	27.2
18	14.6	9.6	12.1	22.0	16.5	19.5	20.6	19.2	19.8	27.8	26.4	26.9
19	13.8	11.8	13.0	17.0	13.2	15.3	22.0	20.5	21.3	28.0	26.7	27.2
20	19.6	13.7	15.8	15.6	12.7	14.2	23.6	21.3	22.3	27.9	26.4	27.1
21	21.5	17.5	19.2	17.3	11.5	14.3	23.9	23.0	23.2	28.2	26.6	27.2
22	20.7	19.1	19.7	18.5	12.5	15.4	25.1	22.7	23.4	31.0	27.2	28.6
23	20.1	18.8	19.3	17.7	14.3	15.6	25.1	23.0	24.0	31.1	28.0	29.2
24	20.8	18.0	19.5	18.2	15.5	16.7	23.4	19.8	21.8	30.9	28.2	29.1
25	21.7	18.4	19.6	20.7	18.2	19.2	23.4	20.9	22.2	29.3	28.1	28.8
26	21.7	18.7	19.7	18.9	15.1	17.0	26.7	22.4	24.4	29.3	27.8	28.6
27	21.5	18.9	20.2	15.7	12.4	14.3	28.2	24.8	26.3	28.9	27.7	28.3
28	21.8	18.2	20.7	18.4	15.1	16.3	26.5	24.1	25.3	30.2	27.9	29.0
29	18.2	11.2	13.5	17.4	15.9	16.5	25.6	23.4	24.8	30.1	28.2	29.0
30	---	---	---	19.7	15.9	17.8	23.4	17.8	20.8	29.4	27.0	27.9
31	---	---	---	24.3	17.8	20.7	---	---	---	29.4	27.9	28.7
MONTH	21.8	.1	13.7	24.3	4.5	15.4	28.2	12.7	20.6	31.1	21.3	27.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	27.8	28.2	31.4	30.0	30.6	30.1	28.6	29.4	29.9	28.3	29.0
2	28.4	27.8	28.0	31.3	29.5	30.5	29.4	28.5	28.9	32.1	28.5	30.2
3	28.4	26.8	27.7	32.3	29.8	30.7	32.6	27.7	29.9	31.5	29.1	30.5
4	29.3	27.5	28.2	32.0	29.8	30.9	34.5	30.1	31.8	32.2	29.0	30.5
5	29.5	27.6	28.5	32.1	29.9	31.3	32.7	30.1	31.4	32.6	29.3	30.9
6	29.5	27.7	28.6	33.7	30.6	32.0	32.0	30.2	31.1	31.7	29.8	30.8
7	28.7	27.7	28.2	32.4	30.6	31.5	31.4	30.0	30.8	32.8	29.7	31.1
8	30.0	26.3	28.2	30.6	28.5	29.6	32.7	30.0	31.1	32.7	29.9	31.3
9	30.8	26.5	28.7	32.8	27.5	29.9	32.9	30.1	31.7	31.6	29.8	30.7
10	32.0	27.3	29.3	31.5	29.9	30.7	31.8	27.9	29.7	32.4	28.9	30.3
11	31.3	28.5	29.7	31.3	28.9	29.8	29.7	28.5	29.2	31.1	28.8	30.1
12	29.7	28.4	29.0	33.4	29.0	30.7	31.6	27.1	28.9	32.7	29.1	30.2
13	29.0	27.4	28.2	32.1	31.0	31.3	30.6	27.8	29.0	32.0	29.1	30.4
14	30.0	27.9	28.9	31.2	30.3	30.8	30.7	28.1	29.5	30.4	29.3	29.9
15	30.8	28.9	29.6	31.9	29.3	30.6	30.6	29.2	29.8	30.3	29.3	29.8
16	30.9	29.6	30.1	31.8	30.0	30.8	31.4	28.8	29.9	30.1	28.4	29.2
17	30.7	29.1	29.9	31.0	30.1	30.5	31.7	29.4	30.3	32.0	28.6	30.1
18	31.0	29.5	30.2	31.0	29.7	30.3	31.0	29.4	30.2	31.6	29.3	30.5
19	30.8	29.0	29.5	32.6	29.7	31.0	32.2	29.4	30.6	30.6	28.8	29.5
20	31.3	28.1	29.6	33.2	29.9	31.6	31.3	29.7	30.3	29.1	26.6	28.3
21	31.9	29.1	30.2	33.9	29.8	31.8	29.7	28.6	29.4	28.1	26.3	27.2
22	32.2	29.3	30.4	34.7	30.2	32.5	29.0	27.6	28.1	28.6	25.2	26.9
23	31.2	29.4	30.2	35.2	30.7	33.0	29.1	27.2	28.1	28.6	26.2	27.5
24	31.9	29.2	29.9	33.6	32.0	32.6	---	---	---	28.7	26.7	27.9
25	32.0	28.4	30.0	33.2	30.5	31.7	31.3	28.5	29.7	29.0	26.8	27.9
26	33.7	30.1	31.6	31.3	29.7	30.3	---	---	---	28.6	27.2	28.0
27	33.0	28.4	31.0	30.7	29.6	30.2	31.5	29.4	30.6	28.8	27.0	27.8
28	30.1	26.9	28.6	30.9	29.5	30.2	31.6	29.5	30.5	27.3	24.2	26.0
29	31.0	28.5	29.6	30.6	29.7	30.1	32.6	28.6	30.3	24.5	20.9	22.6
30	31.1	29.6	30.3	30.8	29.0	29.6	31.4	29.3	30.0	24.6	23.3	24.0
31	---	---	---	30.0	29.2	29.7	29.6	28.4	29.0	---	---	---
MONTH	33.7	26.3	29.3	35.2	27.5	30.9	34.5	27.1	30.0	32.8	20.9	29.0

MISSISSIPPI RIVER DELTA
07381329 MILL CREEK NEAR DULAC, LA--Continued

INSIDE WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	29.0	26.7	27.8	22.5	20.0	20.5	17.5	13.6	15.8	14.3	10.6	12.5
2	27.8	27.1	27.5	26.1	22.2	23.8	18.6	15.6	16.9	14.0	9.7	12.3
3	27.2	24.1	26.2	24.3	15.5	21.2	19.8	16.4	17.9	10.4	7.2	8.8
4	24.3	22.9	23.6	16.2	11.4	14.1	24.7	18.0	20.9	12.5	4.8	8.5
5	27.4	23.1	25.0	16.7	11.8	14.2	25.6	20.1	22.1	16.6	10.1	12.5
6	26.2	23.8	25.1	19.9	15.5	17.3	24.6	20.1	22.0	14.9	9.0	12.8
7	24.5	20.0	22.6	22.2	17.3	20.1	21.7	18.4	20.3	9.0	3.6	6.2
8	24.8	20.2	22.8	21.1	16.5	18.6	20.3	16.1	18.5	8.8	-1	4.0
9	25.4	22.2	24.0	20.9	14.5	17.4	19.0	6.8	14.4	13.2	4.1	8.0
10	26.3	21.9	24.5	19.7	17.5	18.2	11.1	3.1	6.7	13.6	7.3	10.2
11	27.4	23.2	25.4	20.1	14.6	18.6	12.2	7.7	10.6	11.1	9.2	10.1
12	26.1	24.4	25.0	17.8	11.7	14.8	16.2	10.3	12.9	15.3	8.4	11.4
13	25.7	23.9	24.7	20.0	15.3	17.7	17.8	11.4	14.1	15.1	9.3	11.4
14	25.7	19.7	24.0	19.6	15.1	17.3	19.7	12.9	15.9	13.4	10.4	12.4
15	19.7	16.9	18.3	19.7	15.3	17.1	22.0	15.9	18.5	15.5	11.8	13.8
16	21.9	17.9	19.6	21.9	16.6	18.9	20.2	16.6	18.1	16.7	12.4	14.6
17	24.7	19.0	21.4	19.3	15.4	17.8	19.2	16.4	18.0	17.5	13.0	15.0
18	24.6	21.3	22.4	19.2	17.5	18.2	19.2	18.0	18.6	18.1	11.8	16.1
19	23.0	22.2	22.5	18.6	17.3	17.9	18.5	10.1	14.8	11.8	4.2	8.1
20	24.9	20.5	23.3	21.1	17.5	18.7	10.6	7.8	9.0	10.7	7.4	9.5
21	21.3	16.4	19.1	21.2	17.5	19.0	10.9	6.2	8.4	14.9	10.0	11.9
22	22.6	18.5	20.6	18.7	15.0	16.8	10.9	5.6	7.6	17.6	10.6	13.6
23	24.0	21.4	22.6	21.8	17.0	18.6	8.6	4.1	6.9	16.4	11.1	13.6
24	27.2	22.6	24.5	19.8	16.7	18.3	10.0	5.9	8.1	17.0	12.6	14.4
25	25.3	21.0	23.2	18.6	13.6	16.3	10.6	7.6	8.9	14.4	9.5	12.4
26	24.2	22.6	23.3	19.2	15.1	17.1	10.9	6.8	8.9	15.7	12.6	14.1
27	25.4	23.0	23.9	21.5	16.9	18.7	12.9	8.4	9.9	15.9	11.5	13.7
28	25.4	22.6	24.2	22.3	17.2	19.5	9.5	6.0	7.8	14.3	7.7	11.2
29	22.6	18.2	19.8	17.2	13.1	15.1	10.1	4.7	7.4	13.9	12.7	13.3
30	18.4	16.4	17.2	17.0	11.1	14.1	10.0	7.0	8.5	17.0	13.4	15.3
31	21.6	16.8	18.9	---	---	---	12.0	8.6	10.5	17.8	13.3	15.7
MONTH	29.0	16.4	23.0	26.1	11.1	17.9	25.6	3.1	13.5	18.1	-1	11.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13.3	11.5	12.3	13.4	8.6	10.6	22.9	16.0	19.3	25.4	20.4	23.2
2	12.3	4.8	8.8	16.6	9.9	13.7	22.0	13.5	17.7	26.7	22.8	24.5
3	7.6	1.6	4.3	18.8	12.2	15.2	19.8	16.7	18.2	26.7	23.1	24.9
4	6.6	-3	2.7	23.1	13.8	17.2	20.3	17.8	18.9	26.8	24.2	25.5
5	8.9	.4	4.1	18.8	16.1	17.4	19.5	18.1	18.9	27.2	25.2	26.0
6	13.9	5.9	9.0	19.9	17.4	18.7	18.1	13.7	14.8	26.6	24.7	25.7
7	14.7	7.6	10.0	19.4	8.5	15.2	18.3	11.4	14.5	27.5	24.2	25.7
8	14.8	8.6	11.6	12.6	4.1	8.1	18.2	14.3	16.1	27.2	24.0	25.6
9	18.7	14.8	16.2	13.5	2.8	8.3	19.4	15.7	17.3	27.4	24.1	25.8
10	17.5	15.0	16.6	17.6	5.2	11.0	19.5	16.2	17.8	27.6	24.7	26.0
11	20.7	15.0	17.7	15.0	6.3	11.1	21.0	17.3	18.7	28.8	24.9	26.9
12	16.6	10.0	12.7	15.4	9.6	12.2	20.2	17.5	18.8	31.4	23.5	27.2
13	13.8	8.7	11.2	16.7	11.7	14.2	26.0	18.2	21.7	29.4	25.8	27.6
14	16.4	10.3	12.8	18.2	13.9	16.1	24.7	20.9	23.3	30.0	26.4	28.1
15	16.9	12.4	14.5	20.0	15.5	17.8	23.7	19.2	21.2	28.8	26.4	27.6
16	14.8	10.6	12.8	23.6	17.5	20.1	23.1	15.6	19.7	29.1	26.5	27.7
17	13.9	5.8	9.9	21.9	18.3	20.3	21.7	19.2	20.0	28.8	26.7	27.6
18	15.2	9.0	12.2	23.2	13.8	19.7	21.2	19.1	19.9	28.6	26.2	27.4
19	14.7	11.8	13.1	18.2	12.0	14.7	22.2	20.9	21.6	29.3	26.5	27.8
20	20.2	13.8	16.6	17.1	10.2	13.2	24.1	21.3	22.5	28.9	26.2	27.5
21	22.6	17.7	20.0	19.8	8.6	13.5	24.4	22.9	23.6	29.5	26.5	28.0
22	21.1	19.4	19.9	18.2	10.7	14.4	24.6	22.7	23.5	31.3	27.2	29.3
23	20.9	18.8	19.7	17.7	11.3	14.9	24.7	22.2	23.8	31.7	27.7	29.7
24	21.1	19.1	20.0	18.1	15.5	16.8	24.3	18.4	21.5	30.9	28.1	29.5
25	22.0	19.2	20.2	20.9	18.1	19.3	23.4	20.4	22.1	30.3	27.8	29.1
26	22.1	19.1	20.4	18.7	12.8	16.3	26.7	22.2	24.5	30.2	27.8	28.9
27	21.5	19.4	20.5	15.8	11.5	13.7	28.3	24.4	26.3	28.9	27.6	28.3
28	23.4	16.5	20.6	19.3	15.0	16.6	27.1	24.0	25.5	30.7	27.8	29.1
29	16.8	9.3	12.3	18.0	16.1	17.0	25.6	21.6	24.7	30.2	27.7	28.9
30	---	---	---	19.9	16.0	18.0	25.4	16.4	20.9	31.4	26.1	28.4
31	---	---	---	26.8	18.0	21.7	---	---	---	30.3	28.2	28.9
MONTH	23.4	-3	13.9	26.8	2.8	15.4	28.3	11.4	20.6	31.7	20.4	27.3

MISSISSIPPI RIVER DELTA

07381329 MILL CREEK NEAR DULAC, LA--Continued

INSIDE WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.6	27.7	28.5	31.8	29.7	30.7	30.0	27.9	29.1	29.8	27.7	28.8
2	28.7	27.5	28.1	31.7	28.8	30.4	29.2	28.1	28.6	33.1	28.3	30.1
3	29.2	26.3	27.8	32.3	29.3	30.8	33.1	27.1	29.8	32.1	28.9	30.5
4	30.5	27.2	28.6	32.2	29.2	30.9	34.7	29.9	31.9	33.1	28.9	30.6
5	29.9	27.2	28.7	33.7	29.4	31.5	33.0	30.4	31.8	33.3	29.2	30.7
6	30.0	27.4	28.8	33.8	30.2	32.0	32.7	30.2	31.2	32.2	29.7	30.7
7	28.7	27.3	28.1	32.3	30.4	31.4	31.8	30.0	30.8	33.0	28.8	30.7
8	31.2	25.6	28.2	30.4	27.8	29.2	33.3	29.8	31.3	32.7	29.7	31.1
9	31.3	25.0	28.3	32.4	26.7	29.4	33.8	28.8	31.5	31.3	29.2	30.3
10	33.4	25.5	29.1	31.9	29.2	30.6	32.1	26.9	29.3	32.0	27.9	29.7
11	30.9	28.4	29.5	31.2	27.9	29.6	29.5	27.8	28.7	31.0	27.4	29.5
12	29.9	28.3	29.1	34.6	28.0	30.9	32.4	26.4	28.7	31.7	28.9	29.9
13	29.2	27.5	28.2	32.3	30.9	31.5	31.6	26.4	28.8	31.5	28.5	29.9
14	30.8	27.5	29.1	31.2	29.7	30.6	30.9	27.4	29.4	30.2	29.1	29.6
15	32.0	28.4	30.1	32.1	28.6	30.5	31.3	28.7	29.8	30.1	29.1	29.6
16	32.4	29.4	30.7	32.2	29.2	30.8	31.9	27.9	29.8	30.4	28.4	29.3
17	31.2	28.5	30.1	31.3	29.8	30.5	31.7	29.3	30.3	32.4	28.2	30.1
18	31.9	29.1	30.4	31.5	28.8	30.3	31.0	29.2	30.1	31.9	28.8	30.4
19	30.7	28.5	29.4	32.7	29.2	31.0	34.1	28.9	31.0	30.4	27.8	29.1
20	31.3	27.4	29.3	33.1	29.4	31.2	31.1	29.6	30.2	28.9	25.5	27.7
21	31.9	28.5	30.2	34.1	28.8	31.4	29.6	28.5	29.2	27.3	25.6	26.7
22	32.2	29.0	30.4	34.8	29.2	32.0	28.8	27.5	28.2	28.6	24.4	26.4
23	31.5	28.9	30.3	35.4	29.6	32.4	30.3	26.9	28.3	29.0	26.0	27.4
24	31.8	28.7	29.8	34.3	30.9	32.4	---	---	---	28.6	26.5	27.6
25	32.8	27.7	30.2	32.7	29.5	31.2	31.4	28.2	29.7	28.8	26.5	27.6
26	35.6	30.3	32.4	31.7	28.6	29.9	---	---	---	28.7	27.0	27.8
27	33.6	27.4	30.8	31.3	29.2	30.1	32.8	28.3	30.5	28.5	26.0	27.5
28	30.4	25.5	28.3	31.7	29.2	30.3	31.7	28.8	30.3	26.6	22.6	25.1
29	31.1	28.4	29.8	30.7	29.2	30.0	32.2	27.5	29.8	24.3	19.6	22.0
30	32.0	29.3	30.5	31.2	28.3	29.6	31.1	27.8	29.6	24.6	22.1	23.7
31	---	---	---	30.0	28.8	29.5	29.5	26.9	28.3	---	---	---
MONTH	35.6	25.0	29.4	35.4	26.7	30.7	34.7	26.4	29.9	33.3	19.6	28.7

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA

LOCATION.--Lat 29°22'30", long 90°36'06", in sec.1, T.20 S, R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three pile platform, 1.5 mi south of Chauvin.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1994 to current year.

GAGE.--Data logger collecting stage, specific conductance, and water temperature sensors. Datum of gage is an assumed elevation.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 10.73 ft, July 30, 1995; minimum, 6.62 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 10.40 ft, Oct. 1; minimum recorded, 6.62 ft, Jan. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.40	9.26	9.80	9.39	8.96	9.17	8.72	8.17	8.38	9.41	8.51	8.94
2	10.36	9.31	9.85	9.18	8.88	9.04	8.78	8.03	8.37	9.40	8.14	8.52
3	---	---	---	8.97	8.07	8.66	8.78	8.19	8.52	8.24	7.44	7.77
4	---	---	---	8.48	7.77	8.04	8.83	8.03	8.39	8.62	7.65	8.03
5	9.96	9.22	9.66	8.79	8.15	8.39	8.83	8.05	8.42	8.64	7.83	8.21
6	9.44	8.92	9.25	9.15	8.22	8.65	8.78	7.93	8.33	8.62	7.65	8.09
7	9.14	8.30	8.72	9.18	8.42	8.76	8.81	7.80	8.26	7.65	6.95	7.16
8	9.18	8.60	8.93	8.84	7.88	8.27	8.96	8.08	8.45	7.49	6.62	6.89
9	9.19	8.43	8.82	9.18	8.27	8.58	9.05	7.36	8.11	7.72	7.15	7.43
10	9.06	8.34	8.73	9.52	8.68	9.10	8.00	7.12	7.38	7.80	7.27	7.51
11	9.15	8.52	8.83	9.54	7.98	8.68	8.24	7.48	7.86	8.24	7.00	7.97
12	9.39	8.73	9.07	8.66	7.93	8.28	8.48	7.79	8.07	7.98	7.45	7.63
13	9.64	8.96	9.27	8.96	8.22	8.57	8.71	8.17	8.43	8.02	7.34	7.64
14	9.56	8.09	8.86	8.60	7.86	8.21	8.78	8.27	8.50	8.28	7.55	7.91
15	8.73	8.11	8.42	8.65	8.24	8.46	8.78	8.14	8.38	8.38	7.54	7.93
16	9.13	8.43	8.76	8.57	7.97	8.20	8.84	8.23	8.50	8.64	7.66	8.09
17	8.87	8.62	8.76	8.66	8.12	8.29	9.22	8.40	8.78	9.17	7.89	8.37
18	9.20	8.79	8.99	8.72	8.26	8.53	9.74	8.60	9.10	9.23	8.21	8.71
19	9.10	8.97	9.04	8.91	8.24	8.56	9.39	7.91	8.34	8.39	7.35	7.76
20	9.18	8.24	8.67	8.93	8.42	8.73	8.41	7.47	7.83	8.50	7.65	8.08
21	8.82	8.38	8.61	8.86	7.98	8.37	8.60	7.52	8.07	8.69	7.74	8.17
22	9.13	8.56	8.85	9.10	8.03	8.45	8.62	7.51	8.00	8.51	7.81	8.16
23	9.24	8.64	8.97	9.22	8.26	8.73	8.36	7.56	7.96	8.66	7.99	8.32
24	---	---	---	9.13	7.89	8.41	8.34	7.55	7.96	8.76	7.99	8.31
25	9.24	8.41	8.81	8.82	8.06	8.46	8.54	7.53	7.92	8.69	7.97	8.22
26	9.38	8.53	8.99	8.87	8.08	8.49	8.29	7.51	7.85	9.37	8.69	9.00
27	9.81	8.81	9.28	9.15	8.39	8.80	8.27	7.65	7.92	9.07	7.95	8.28
28	9.53	8.42	8.94	9.14	8.27	8.68	8.11	7.60	7.83	8.82	7.77	8.22
29	9.04	8.48	8.77	8.46	8.07	8.24	8.36	7.61	7.90	8.89	8.05	8.46
30	9.15	8.29	8.76	8.72	7.85	8.17	8.81	7.96	8.36	8.76	8.04	8.42
31	9.67	8.76	9.17	---	---	---	9.17	8.12	8.56	8.76	7.93	8.27
MONTH	---	---	---	9.54	7.77	8.53	9.74	7.12	8.22	9.41	6.62	8.08

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	8.86	7.94	8.35	8.70	7.64	8.01	7.98	7.53	7.72	8.63	8.00	8.35
2	8.90	7.88	8.25	8.66	7.92	8.29	7.96	7.41	7.69	8.58	7.98	8.38
3	8.10	7.45	7.66	8.51	7.91	8.20	8.27	7.82	8.08	8.67	7.98	8.37
4	7.46	6.93	7.14	8.51	8.01	8.23	8.44	7.91	8.20	8.83	8.05	8.49
5	7.78	7.10	7.35	8.80	8.44	8.58	8.41	7.94	8.23	8.94	8.12	8.55
6	7.97	7.51	7.76	8.95	8.60	8.73	8.09	7.60	7.86	8.89	8.10	8.52
7	8.42	7.93	8.12	8.84	7.40	8.17	8.61	7.46	8.04	9.00	8.11	8.58
8	8.50	8.08	8.26	7.42	7.01	7.26	8.96	8.00	8.48	9.16	8.32	8.74
9	8.24	7.90	8.10	7.62	6.89	7.21	8.83	8.00	8.43	9.29	8.47	8.88
10	8.51	7.96	8.24	7.72	7.11	7.38	8.89	8.14	8.52	9.04	8.55	8.83
11	8.20	7.88	8.04	7.94	7.22	7.55	8.98	8.29	8.64	8.83	8.28	8.53
12	8.19	7.34	7.72	8.33	7.43	7.86	9.04	8.33	8.66	8.30	7.94	8.12
13	8.35	7.56	7.95	8.36	7.54	7.95	9.08	8.39	8.64	8.54	8.06	8.35
14	8.56	7.61	8.02	8.68	7.70	8.14	9.06	8.39	8.71	8.44	8.08	8.29
15	8.63	7.81	8.20	8.82	7.98	8.37	9.12	7.80	8.46	8.82	8.12	8.53
16	8.57	7.33	7.76	8.95	8.09	8.48	8.35	7.73	8.02	8.92	8.12	8.57
17	8.15	7.27	7.63	9.03	8.43	8.72	8.70	7.96	8.42	9.10	8.22	8.70
18	8.21	7.43	7.80	8.98	7.74	8.50	8.87	8.27	8.61	9.06	8.31	8.69
19	8.44	8.02	8.27	7.74	7.27	7.47	9.05	8.26	8.71	9.03	8.20	8.64
20	8.59	8.10	8.30	7.29	6.77	7.03	9.29	8.63	8.97	9.16	8.33	8.75
21	8.31	7.87	8.08	7.38	6.82	7.16	9.22	8.48	8.86	9.07	8.38	8.72
22	8.30	7.87	8.15	7.86	7.01	7.49	9.55	8.80	9.22	8.84	8.23	8.55
23	8.21	7.91	8.07	8.42	7.36	7.93	9.10	8.11	8.69	8.77	8.21	8.51
24	8.33	7.78	8.07	8.96	7.94	8.46	8.77	7.82	8.29	8.76	8.26	8.51
25	8.47	7.76	8.13	8.74	8.15	8.46	8.88	8.27	8.60	8.84	8.41	8.65
26	8.69	8.00	8.33	8.65	8.11	8.34	8.75	8.36	8.54	9.24	8.78	8.99
27	8.77	8.25	8.51	8.48	7.65	8.14	8.66	8.05	8.36	9.51	8.99	9.21
28	8.63	7.61	8.00	8.65	8.03	8.36	9.11	8.65	8.85	9.36	8.60	9.04
29	7.86	7.22	7.56	8.77	7.91	8.35	9.24	8.22	8.90	9.24	8.40	8.90
30	---	---	---	8.79	8.36	8.59	8.29	7.67	7.99	9.13	8.34	8.80
31	---	---	---	8.79	7.98	8.38	---	---	---	9.30	8.34	8.88
MONTH	8.90	6.93	7.99	9.03	6.77	8.06	9.55	7.41	8.45	9.51	7.94	8.63

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.44	8.44	8.97	9.04	8.02	8.57	9.01	8.41	8.74	8.96	8.42	8.70
2	9.46	8.62	9.04	9.10	8.15	8.65	8.77	8.45	8.63	9.08	8.40	8.76
3	9.23	8.40	8.82	8.89	8.19	8.55	8.65	8.41	8.51	9.01	8.29	8.67
4	9.12	8.24	8.69	8.79	8.08	8.44	8.64	8.29	8.47	8.90	8.27	8.62
5	9.08	8.25	8.69	8.60	8.13	8.44	8.89	8.39	8.65	8.91	8.33	8.65
6	9.08	8.39	8.75	8.55	8.33	8.44	9.06	8.40	8.75	9.05	8.22	8.66
7	8.89	8.46	8.70	8.91	8.41	8.71	9.30	8.63	8.95	8.79	8.21	8.53
8	8.65	8.12	8.36	9.24	8.25	8.81	9.20	8.40	8.85	8.89	8.16	8.57
9	8.34	7.97	8.10	8.65	8.05	8.38	8.92	8.22	8.66	8.80	8.19	8.51
10	8.43	7.93	8.20	8.58	7.83	8.28	8.89	8.18	8.63	8.64	8.12	8.45
11	8.66	8.07	8.40	8.61	7.83	8.25	8.93	8.21	8.60	8.75	8.08	8.47
12	9.04	8.18	8.65	8.58	7.84	8.24	8.55	8.12	8.41	9.14	8.37	8.63
13	8.97	8.16	8.63	8.68	7.86	8.33	8.59	8.03	8.34	8.79	8.49	8.62
14	8.93	8.14	8.55	8.91	7.91	8.47	8.54	8.01	8.33	8.92	8.61	8.79
15	8.91	8.11	8.51	8.89	8.15	8.52	8.74	8.05	8.49	9.40	8.89	9.22
16	8.84	8.07	8.47	8.99	8.13	8.61	8.77	8.25	8.53	9.73	9.03	9.35
17	8.84	8.01	8.45	9.32	8.44	8.97	8.83	8.43	8.67	9.29	8.43	8.85
18	8.94	8.10	8.49	9.34	8.86	9.11	8.91	8.63	8.77	9.01	8.31	8.70
19	8.86	8.17	8.56	9.13	8.58	8.90	8.98	8.48	8.67	9.10	8.42	8.79
20	8.78	8.19	8.50	8.68	8.35	8.57	9.27	8.68	8.92	9.34	8.48	8.93
21	8.72	8.15	8.46	8.65	8.20	8.43	9.60	9.00	9.24	9.68	8.62	9.14
22	8.68	8.18	8.42	8.44	8.05	8.23	10.05	9.41	9.75	9.05	8.40	8.77
23	8.56	8.11	8.37	8.22	7.80	8.04	10.17	8.98	9.56	9.21	8.48	8.86
24	8.68	8.09	8.37	8.41	7.88	8.15	9.64	8.71	9.26	9.21	8.48	8.92
25	8.55	8.12	8.32	8.65	7.89	8.29	9.50	8.62	9.09	9.07	8.71	8.91
26	8.58	7.86	8.26	8.78	7.89	8.32	9.34	8.47	8.97	9.58	8.92	9.17
27	8.61	7.90	8.34	9.07	7.94	8.56	9.26	8.47	8.91	9.42	9.02	9.28
28	8.66	7.91	8.27	9.13	8.15	8.68	9.14	8.47	8.84	9.33	8.56	8.89
29	8.86	7.92	8.44	9.27	8.23	8.81	8.94	8.38	8.66	8.94	8.22	8.60
30	8.79	7.96	8.42	9.32	8.42	8.89	8.96	8.44	8.72	9.26	8.50	8.85
31	---	---	---	9.18	8.50	8.86	8.91	8.46	8.66	---	---	---
MONTH	9.46	7.86	8.51	9.34	7.80	8.53	10.17	8.01	8.78	9.73	8.08	8.80

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1994 to current year.

WATER TEMPERATURES: January 1994 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 33,600 microsiemens, Apr. 22, 1996; minimum daily, 1,560 microsiemens, on July 27, 1994.

WATER TEMPERATURES: Maximum daily, 33.9 °C, June 26, 1996; minimum daily, 2.3°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 33,600 microsiemens, Apr. 22; minimum daily, 5,190 microsiemens, on July 7.

WATER TEMPERATURES: Maximum daily, 33.9 °C, June 26; minimum daily, 2.3°C, Feb. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23700	20500	22300	26700	23900	25300	19700	17200	18300	26100	19200	22300
2	24900	20100	23400	25100	20000	23100	20500	16600	18500	26100	17800	20300
3	---	---	---	20000	17300	18800	21000	18000	19500	18600	16500	17300
4	---	---	---	19400	17100	17700	21000	16500	18600	21200	15800	17600
5	23200	17400	21300	20900	18100	19600	21500	16900	18800	20100	17100	18100
6	19300	16500	17400	21400	19400	20300	22200	17400	19400	19900	15900	17400
7	19900	15000	16400	21300	18300	19700	22000	17200	18900	15900	14200	14800
8	19500	15900	18100	20600	17100	18200	22900	19500	20700	15600	14800	15200
9	19700	15500	17400	21200	19100	20100	24800	17400	20500	15700	15100	15500
10	19300	15100	17200	23400	20400	21400	19900	17600	18100	15800	13900	15000
11	19500	16800	18200	24600	18700	21200	20000	18600	19300	24100	15800	17600
12	20100	18100	19100	21100	17800	18800	20500	19000	19700	18400	12800	14700
13	21000	18800	19700	23000	19200	20600	23200	20100	21300	16400	13100	14400
14	22000	15700	19100	21800	16300	18700	24200	20300	21900	19400	14700	16400
15	19000	15700	16600	21900	18600	20100	24400	18800	20900	19900	14000	16800
16	21000	17900	19300	21100	16400	18400	24900	19600	21600	23000	15200	17600
17	21400	17900	20500	20400	16400	18300	28600	22600	24800	26300	17500	20400
18	21500	19900	20700	21700	18400	20100	31200	24400	27100	27000	17800	21800
19	21300	20300	20800	22400	19100	20600	27800	19600	22600	19900	15300	16200
20	21500	16300	19200	22700	19600	20800	22600	17800	18900	20200	15600	18000
21	19900	16400	18200	22200	15700	18700	23100	17500	20400	20600	14600	17400
22	21000	18400	19700	22300	16300	19400	23000	18100	20200	20300	16300	17900
23	22500	20300	21200	22300	18200	20300	22700	17900	20500	20400	17400	19100
24	---	---	---	22500	16600	19100	22300	18300	19900	22300	15500	18700
25	24000	18000	21500	22400	17300	20100	21200	17700	19100	20400	15200	17300
26	24500	20200	22200	22000	17800	19600	19900	17400	18400	23500	19800	21700
27	25800	20400	23100	23300	19300	20900	19500	17300	18500	21200	17600	19000
28	25600	18800	22100	---	---	---	19300	17200	18100	20900	16000	18000
29	25500	18700	22600	18000	15900	17100	19800	17100	18200	20900	17400	19100
30	26000	18300	23400	19500	15200	17300	22800	18000	20300	20800	16000	18500
31	26700	19000	24700	---	---	---	24100	20400	21600	20800	15500	17100
MONTH	26700	15000	20200	26700	15200	19800	31200	16500	20100	27000	12800	17800

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	20600	15200	18400	18300	13100	15100	17500	15300	16100	22500	19000	21000
2	20300	12400	15300	18900	15100	17000	18500	15400	16700	22900	20100	21600
3	13800	12100	12800	18900	13300	16100	18800	17500	18200	23100	18800	20900
4	13800	12500	12800	19400	14900	16700	20300	18100	19000	26200	19700	22300
5	14300	11100	13000	21100	18000	19200	21500	18500	20000	27700	20600	23800
6	14100	12400	13400	24300	19800	21200	19300	14800	16300	27300	20700	23700
7	14600	13200	13900	20400	13800	17400	18600	15100	16500	29700	20400	24300
8	15800	13200	14100	14300	13200	13800	21000	16600	18400	32500	24900	27300
9	14100	12100	12900	15600	12900	14000	21000	15400	18200	32400	27200	28800
10	15100	10800	12500	15700	13400	14800	22200	16900	19400	31500	25500	28600
11	13500	11300	12100	16200	13500	15100	24700	18700	21300	30900	20800	24800
12	13500	10700	11800	18800	14700	16600	28500	19000	21900	20800	19300	19800
13	14400	11800	12900	20700	15700	17700	28500	18100	21000	24500	19300	21200
14	16300	11700	13200	25300	17400	19800	28200	18300	21500	20600	16600	18700
15	17900	11500	14000	28100	20500	23100	26100	17500	21600	25300	18900	21400
16	17900	10500	12500	28100	19000	22600	20100	16800	18000	24500	19500	21400
17	13300	11000	11800	29100	22400	24700	21200	17800	19600	27400	19900	23200
18	13900	11400	12500	26300	16600	22500	25400	20100	22200	27100	20800	23700
19	18300	13700	15300	16600	15700	16100	27100	18800	22200	26500	19600	22700
20	19800	13000	15900	15700	13900	14700	30700	21600	24900	28900	20900	24600
21	13200	10400	12000	16200	13900	14900	30100	21300	25400	27500	20600	24300
22	13200	10500	11900	18500	15400	16300	33600	24800	30100	24500	18100	20300
23	13200	11000	11700	24400	16400	19000	30000	20300	23900	23100	17000	19300
24	13400	10600	11900	28600	17400	22600	25600	19100	21200	21400	16200	18500
25	16200	11400	13300	26600	20200	23100	25400	19600	22600	22100	17200	19600
26	20400	14400	16600	26400	20400	23400	24400	19100	21100	31100	21000	24300
27	24200	14700	18100	26100	15400	20600	21500	17900	19400	33000	22000	27700
28	20500	12100	15600	24300	17900	20800	26300	18700	22500	31700	20700	26200
29	15100	12200	13000	23400	16800	20200	29600	20100	24000	29200	19300	23500
30	---	---	---	23400	19300	21900	20700	18900	19700	23900	19000	21300
31	---	---	---	23300	17500	19600	---	---	---	27000	19200	23500
MONTH	24200	10400	13600	29100	12900	18700	33600	14800	20800	33000	16200	23000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28600	21600	25300	15300	12500	13800	12300	10700	11400	9720	8590	9140
2	29900	25400	27400	16200	13200	14400	11600	10100	10600	9910	8660	9260
3	28600	19700	24100	16000	13800	15100	10100	9570	9760	9900	8240	9040
4	26000	18400	21400	15700	14000	14900	9680	5660	8800	9870	8210	8980
5	24300	19000	21100	15100	12600	13700	10100	6560	8810	10100	8300	9160
6	23600	19100	20800	13800	8650	11400	11200	5950	9040	10400	8340	9400
7	22800	16600	19400	12500	5190	9090	12700	8790	10600	9890	8120	8950
8	19000	17500	18300	19300	10800	14300	13000	10000	11100	10200	8050	9110
9	19800	17800	18500	12700	10300	11200	12200	8920	10300	10400	8170	9130
10	19000	12400	16500	11900	10400	10900	10300	8910	9610	9760	8220	9030
11	19600	16300	17800	11200	10300	10700	---	---	---	9750	8030	8800
12	23600	17600	20100	10900	10400	10700	---	---	---	11100	9130	9680
13	22100	16500	19200	11200	10600	10900	---	---	---	11400	9520	10100
14	21500	17000	18700	11900	10800	11200	---	---	---	11400	9920	10500
15	20600	15900	18100	12200	10200	11300	---	---	---	13800	10000	11500
16	20500	15500	17500	13300	10700	11600	---	---	---	14400	10600	12500
17	18600	14800	16300	15300	11600	13100	---	---	---	11800	9080	10300
18	19300	14900	16500	16500	12300	13600	---	---	---	13200	9050	10600
19	17800	13400	15300	14500	12900	13800	---	---	---	14100	9490	12000
20	16500	12200	14200	13000	11200	12300	---	---	---	15000	9920	12700
21	15700	9950	13200	11600	10800	11100	10100	8980	9370	16200	9980	12800
22	14800	9150	12500	11200	7460	10600	10500	8960	9860	14600	9740	11200
23	14200	7260	11400	10600	9530	10300	11800	9310	10700	15000	9630	12000
24	13700	10100	12700	11600	8440	9990	11900	9070	10300	14500	10300	12300
25	14500	10600	13200	10800	8290	9920	11900	8900	10100	13600	11300	12500
26	14200	9950	12800	10800	8770	10100	11400	9030	9880	17400	12900	14600
27	14600	13300	14300	11700	9300	10400	11100	9020	9720	18900	13500	14700
28	13500	12400	13300	12200	9600	10800	10500	8710	9440	16900	11300	14000
29	14100	11500	13100	12900	10300	11600	10000	8710	9170	14400	9930	11400
30	14300	12300	13400	13600	10300	11900	10500	8770	9350	16300	11400	14500
31	---	---	---	13600	10800	12000	10100	8760	9150	---	---	---
MONTH	29900	7260	17200	19300	5190	11800	---	---	---	18900	8030	11000

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	27.9	26.5	27.3	22.4	19.0	20.5	17.0	14.3	15.7	14.8	11.3	12.9
2	27.6	26.3	26.8	24.1	21.6	22.7	18.6	15.6	16.9	14.8	11.3	13.3
3	---	---	---	23.2	18.9	22.2	20.1	17.9	18.9	11.3	8.9	10.2
4	---	---	---	18.9	14.9	16.7	21.2	19.6	20.3	10.5	8.3	9.3
5	25.0	22.1	23.5	15.5	13.7	14.6	22.8	20.7	21.6	12.8	9.7	11.3
6	24.8	23.5	24.2	18.4	14.3	15.8	23.4	21.8	22.5	13.0	11.1	12.6
7	23.7	21.5	22.3	19.7	18.3	19.1	22.6	19.4	21.7	11.1	6.4	8.4
8	23.1	21.1	22.0	19.6	17.1	18.6	19.4	17.6	18.6	6.4	4.1	5.1
9	23.2	21.4	22.3	17.8	15.9	16.9	18.9	13.3	16.9	7.3	3.9	5.4
10	23.9	21.6	22.8	19.0	17.2	18.0	13.3	8.0	10.5	9.7	6.1	7.5
11	24.8	23.1	23.9	19.5	16.7	18.5	8.9	6.7	7.9	13.3	9.7	11.5
12	24.7	24.2	24.5	16.7	14.8	15.7	12.1	8.3	9.6	11.6	9.8	10.7
13	25.7	24.3	24.8	16.4	14.0	15.4	15.1	11.0	13.0	12.8	9.9	11.5
14	25.8	21.7	24.5	16.9	15.5	16.3	21.0	14.1	15.8	15.2	11.7	13.5
15	21.7	18.4	20.3	16.0	13.9	15.1	21.0	16.5	17.4	16.3	14.2	15.2
16	18.7	16.2	17.7	17.7	14.9	16.4	21.0	17.4	19.4	18.6	15.6	16.9
17	20.4	17.0	18.5	17.7	16.1	17.1	22.0	20.6	21.2	20.1	17.7	18.8
18	22.3	18.7	20.6	18.7	17.3	18.0	21.0	20.4	20.6	19.4	15.6	18.5
19	24.2	21.7	22.9	19.1	17.9	18.5	20.4	13.4	16.8	15.6	9.2	10.8
20	24.0	21.6	23.1	19.7	18.5	19.1	13.4	10.6	12.0	10.2	8.2	9.2
21	21.7	18.9	20.6	19.2	18.3	18.8	10.6	8.9	9.9	11.3	9.4	10.3
22	21.5	19.6	20.5	18.3	16.4	17.3	8.9	7.3	8.3	13.7	10.8	12.0
23	23.7	20.7	21.9	18.6	16.6	17.6	7.9	5.8	6.9	15.4	12.9	14.1
24	---	---	---	18.7	17.0	18.1	8.0	5.5	6.8	15.6	14.2	15.0
25	23.6	22.4	23.1	17.0	15.2	16.1	8.5	6.5	7.5	14.2	12.5	13.0
26	24.0	22.6	23.2	17.1	15.3	16.2	8.7	7.4	8.0	16.8	12.7	14.4
27	25.1	23.5	24.3	19.1	16.7	17.6	9.3	7.6	8.4	16.9	13.5	14.6
28	25.1	23.5	24.3	20.3	18.4	19.2	8.7	6.9	7.9	13.5	11.3	12.3
29	23.5	20.0	21.5	18.6	16.2	17.3	8.3	6.4	7.2	13.2	12.1	12.6
30	20.0	17.9	18.6	16.2	14.8	15.5	9.8	7.2	8.4	16.4	13.2	14.4
31	19.7	17.3	18.4	---	---	---	11.6	9.6	10.5	16.4	14.2	15.4
MONTH	27.9	16.2	22.4	24.1	13.7	17.6	23.4	5.5	13.8	20.1	3.9	12.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.2	12.4	13.3	13.2	10.7	12.0	21.5	18.6	19.6	23.3	20.9	22.2
2	12.4	8.9	11.1	13.6	10.2	11.9	20.4	17.0	18.7	24.1	21.5	23.0
3	8.9	6.0	7.4	16.0	12.1	14.1	20.2	17.7	18.8	25.2	22.8	23.9
4	6.0	3.4	4.4	19.1	14.7	16.5	21.0	19.0	19.8	26.9	23.7	25.1
5	6.5	2.3	4.1	19.6	17.8	18.4	20.8	19.6	20.4	27.9	25.5	26.6
6	9.2	5.1	6.7	20.9	19.4	20.2	19.6	15.7	17.5	28.1	25.9	27.0
7	13.0	7.9	10.1	20.8	13.1	17.8	17.4	14.6	16.0	28.0	25.8	27.0
8	15.0	12.1	13.3	13.1	10.0	11.1	20.1	16.4	18.0	28.2	26.4	27.2
9	16.2	13.8	14.6	10.5	8.3	9.2	21.5	17.8	19.5	28.6	25.5	27.3
10	18.2	14.4	16.2	11.2	7.8	9.4	21.3	19.4	20.4	28.9	26.7	27.9
11	17.9	15.6	16.8	12.8	8.9	10.8	22.3	19.4	20.8	28.5	22.6	26.6
12	15.6	13.3	14.2	15.2	11.1	13.1	22.2	20.4	21.3	27.7	25.7	26.7
13	14.6	12.0	13.4	18.6	13.8	15.8	23.9	21.0	22.3	28.7	25.8	27.0
14	15.4	13.1	14.1	21.8	17.4	19.3	25.5	22.7	24.0	29.1	26.3	27.5
15	16.6	14.6	15.5	23.0	20.5	21.7	25.2	21.9	23.7	27.5	24.8	26.3
16	16.5	13.0	14.4	23.7	22.0	22.9	21.9	19.5	20.7	27.9	25.4	26.7
17	13.8	11.0	12.1	24.3	22.6	23.3	20.8	18.7	19.8	28.8	26.3	27.3
18	14.6	11.9	13.0	23.6	17.8	22.1	21.5	19.0	20.1	29.1	26.9	27.8
19	16.7	14.6	15.7	17.8	15.0	16.0	24.3	21.1	22.4	29.9	27.4	28.5
20	19.0	16.7	17.6	15.1	12.9	13.9	25.1	23.1	24.0	29.8	27.6	28.6
21	19.8	17.4	18.4	15.1	11.2	13.3	26.1	23.9	25.0	31.0	27.9	29.1
22	20.2	18.9	19.5	16.3	12.5	14.5	26.3	23.5	25.2	31.6	28.2	29.6
23	20.4	19.2	19.8	18.7	14.9	16.9	25.9	23.1	24.7	32.0	29.0	30.1
24	22.4	19.6	20.6	21.0	17.5	19.2	24.1	21.2	22.5	31.6	28.8	30.1
25	23.1	20.6	21.9	22.3	20.1	21.0	23.7	21.2	22.5	30.8	29.0	30.0
26	24.3	22.0	23.2	21.5	14.8	18.8	25.9	22.6	24.1	30.8	27.8	29.5
27	24.4	22.6	23.6	15.9	14.8	15.4	27.9	24.4	25.9	29.8	27.8	28.8
28	24.0	20.1	22.7	18.2	15.4	16.8	26.7	24.6	25.9	29.7	27.7	28.8
29	20.1	13.0	16.4	18.5	17.4	18.0	26.5	24.0	25.5	30.0	28.4	28.9
30	---	---	---	21.6	18.4	19.9	24.0	20.3	21.7	30.1	26.9	28.5
31	---	---	---	22.7	20.3	21.5	---	---	---	29.4	27.6	28.5
MONTH	24.4	2.3	15.0	24.3	7.8	16.6	27.9	14.6	21.7	32.0	20.9	27.5

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.6	27.5	28.6	31.7	29.6	30.6	29.2	28.4	28.8	29.1	27.5	28.3
2	29.3	27.6	28.6	32.1	29.6	30.7	28.8	28.1	28.4	30.2	27.7	28.9
3	29.4	27.5	28.4	32.7	30.1	31.3	29.8	27.7	28.6	31.0	28.7	29.9
4	30.4	27.8	28.8	31.8	30.6	31.2	32.6	29.1	30.5	31.3	29.0	30.3
5	30.9	27.8	29.1	32.4	30.6	31.4	32.0	29.9	30.9	31.7	29.1	30.4
6	30.7	27.7	29.1	33.1	30.6	31.7	31.1	29.5	30.3	31.0	28.9	30.0
7	29.5	28.0	28.6	31.8	29.6	30.8	30.3	28.8	29.6	30.9	29.2	30.2
8	28.4	26.8	27.7	29.7	27.7	28.3	31.9	28.8	30.2	31.2	29.5	30.5
9	28.1	26.3	27.3	31.0	27.6	29.0	32.9	30.5	31.2	30.6	29.7	30.2
10	29.8	26.4	28.0	31.0	29.1	30.1	32.3	29.5	30.7	32.0	29.0	30.2
11	29.0	26.8	27.9	31.9	28.0	29.4	---	---	---	31.4	29.7	30.5
12	29.2	27.4	28.4	31.7	28.4	30.0	---	---	---	32.2	29.6	30.5
13	28.6	27.7	28.1	31.6	30.1	30.8	---	---	---	31.4	29.9	30.6
14	29.9	27.4	28.5	30.8	29.7	30.3	---	---	---	30.3	28.9	29.6
15	31.6	28.7	29.9	31.7	29.3	30.2	---	---	---	28.9	27.3	27.8
16	31.8	29.3	30.6	32.8	30.3	31.2	---	---	---	29.2	27.5	28.3
17	32.5	30.1	31.2	31.5	29.9	30.8	---	---	---	30.6	28.6	29.5
18	32.1	29.8	30.9	31.1	28.9	30.2	---	---	---	31.0	29.0	30.1
19	31.2	29.2	30.1	32.7	30.0	31.2	---	---	---	30.1	28.3	29.0
20	30.5	28.8	29.6	32.2	30.4	31.3	---	---	---	28.4	26.7	27.7
21	31.6	29.5	30.3	32.4	30.7	31.6	29.3	27.1	28.1	26.7	25.0	25.9
22	32.3	30.1	31.1	32.1	30.6	31.4	28.1	26.4	27.1	28.3	25.3	26.4
23	32.8	30.2	31.2	32.2	30.9	31.6	28.7	26.7	27.7	28.2	25.9	26.9
24	31.4	30.0	30.5	32.1	29.6	30.8	29.8	27.7	28.8	27.9	26.1	27.0
25	32.1	29.0	30.4	30.6	28.6	29.5	31.2	28.8	29.8	28.8	26.6	27.4
26	33.9	30.3	31.8	30.0	27.3	28.5	31.7	29.0	30.2	28.9	26.5	27.7
27	32.5	28.9	31.3	30.1	28.1	29.1	31.0	29.3	30.2	28.7	27.2	27.9
28	29.8	27.7	28.7	31.3	28.5	29.7	31.6	29.6	30.4	27.2	24.3	26.0
29	30.7	28.1	29.3	30.3	28.8	29.5	31.8	28.9	30.1	24.3	22.2	23.2
30	31.7	29.0	30.3	30.3	28.1	29.2	30.5	29.1	29.7	22.9	21.0	22.1
31	---	---	---	29.8	28.7	29.2	29.1	28.2	28.6	---	---	---
MONTH	33.9	26.3	29.5	33.1	27.3	30.3	---	---	---	32.2	21.0	28.4

MISSISSIPPI RIVER DELTA

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. SW of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to current year.

GAGE.--Data logger collecting stage, water temperature, specific conductance, and salinity. Datum of gage is sea level (by Global Positioning System).

REMARKS.--Elevation affected by wind and tide at all stages. Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 3.42 ft, Oct. 3, 1993; minimum recorded, -1.46 ft, Jan. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 2.51 ft, Aug. 23, Sept. 27; minimum recorded, -1.96 ft, Jan. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.27	.77	1.53	1.44	.85	1.15	.86	.04	.40	1.71	.37	1.21
2	2.20	1.01	1.74	1.25	.65	.97	1.04	-.24	.47	1.54	-.31	.39
3	2.13	-.22	1.13	1.01	-.71	.22	1.01	-.04	.62	.44	-1.17	-.36
4	1.20	.42	.88	.61	-1.25	-.24	1.09	-.30	.46	1.15	-.70	.28
5	1.55	.70	1.15	.96	-.25	.35	1.16	-.35	.50	1.06	-.53	.34
6	1.11	-.28	.45	1.17	-.27	.58	1.35	-.48	.48	.98	-.80	.02
7	.61	-.98	-.12	1.11	-.03	.59	1.23	-.88	.24	-.57	-1.94	-1.24
8	.69	-.47	.19	.75	-1.25	-.18	1.52	-.29	.66	.24	-1.51	-.71
9	.53	-.76	.00	1.69	-.24	.59	1.45	-1.64	-.59	.24	-1.08	-.36
10	.45	-1.04	-.08	1.72	.23	1.04	.50	-1.50	-.55	.09	-.83	-.32
11	.60	-.78	-.05	1.59	-1.20	.01	.60	-.86	-.01	.98	-.01	.33
12	.73	-.76	.11	1.25	-.60	.23	.99	-.44	.19	.12	-.46	-.20
13	.80	-.19	.36	1.28	-.19	.49	.99	.12	.59	.47	-.66	-.07
14	---	---	---	.75	-.78	.01	1.13	.39	.70	.73	-.43	.21
15	---	---	---	.75	.12	.48	.98	.16	.50	.80	-.62	.21
16	---	---	---	.68	-.15	.14	1.09	.31	.73	1.18	-.45	.44
17	---	---	---	.89	-.07	.29	1.60	.39	1.01	1.72	-.18	.79
18	---	---	---	.89	.14	.57	2.37	.55	1.43	1.72	-.14	.90
19	---	---	---	1.02	-.02	.60	1.23	-.65	-.05	1.07	-1.96	-.40
20	---	---	---	1.13	.05	.71	.96	-1.50	-.21	1.34	-.74	.27
21	---	---	---	1.08	-.90	.23	.99	-1.14	.09	1.35	-.56	.30
22	---	---	---	1.59	-.77	.39	.87	-1.45	-.21	.89	-.47	.29
23	---	---	---	1.59	-.45	.68	.77	-.89	.01	1.04	.02	.61
24	1.17	-.30	.61	1.31	-1.27	.04	.61	-1.01	-.01	1.21	-.21	.45
25	1.51	-.25	.78	1.16	-.61	.41	.52	-.86	-.02	1.07	.03	.40
26	1.93	-.06	.93	1.45	-.59	.47	.41	-.72	-.10	1.75	.92	1.37
27	1.98	.39	1.28	1.48	-.02	.82	.47	-.32	.11	1.09	-.54	.09
28	1.76	-.38	.60	1.30	-.03	.58	.50	-.81	-.08	1.27	-.48	.37
29	1.29	-.11	.55	.77	-.07	.31	.69	-.37	.16	1.18	-.08	.63
30	1.29	-.45	.39	1.09	-.44	.34	1.06	.01	.60	1.07	-.21	.54
31	1.83	.52	1.22	---	---	---	1.46	-.05	.83	.98	-.32	.41
MONTH	---	---	---	1.72	-1.27	.43	2.37	-1.64	.29	1.75	-1.96	.23

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.28	-.32	.56	1.13	-.43	.36	.39	-.62	-.11	---	---	---
2	1.15	-.62	.07	1.02	-.25	.44	.53	-.52	-.03	---	---	---
3	.31	-1.10	-.45	.59	-.26	.25	.48	-.12	.26	---	---	---
4	-.47	-1.82	-1.04	.91	-.05	.30	.68	-.16	.40	---	---	---
5	.16	-1.17	-.53	1.17	.39	.77	.78	-.31	.39	---	---	---
6	.29	-.77	-.17	1.36	.65	.94	.40	-.61	-.06	---	---	---
7	.51	-.25	.24	1.12	-1.24	-.16	1.14	-.71	.36	---	---	---
8	.58	-.01	.36	.71	-1.56	-1.01	1.29	-.07	.78	---	---	---
9	.52	-.05	.23	.11	-1.56	-.64	1.16	-.20	.63	---	---	---
10	.75	-.08	.38	.01	-1.06	-.47	1.16	.16	.74	---	---	---
11	.51	-.35	.16	.35	-.99	-.29	1.18	.17	.80	---	---	---
12	.76	-1.13	-.12	.70	-.75	.11	---	---	---	---	---	---
13	.77	-.73	.11	.61	-.72	.08	---	---	---	---	---	---
14	.87	-.69	.22	1.00	-.60	.34	---	---	---	---	---	---
15	1.04	-.45	.40	1.23	-.20	.63	---	---	---	---	---	---
16	.59	-1.19	-.43	1.44	.04	.69	---	---	---	---	---	---
17	.49	-1.13	-.22	1.44	.45	.94	---	---	---	---	---	---
18	.83	-.95	-.11	1.51	-.80	.79	---	---	---	---	---	---
19	.86	-.16	.45	-.14	-1.02	-.60	---	---	---	---	---	---
20	.94	-.09	.42	-.69	-1.57	-1.11	---	---	---	---	---	---
21	.65	-.12	.22	-.09	-1.31	-.57	---	---	---	---	---	---
22	.69	-.16	.37	.25	-1.09	-.25	---	---	---	---	---	---
23	.50	-.17	.23	.76	-.73	.22	---	---	---	---	---	---
24	.56	-.25	.23	1.29	-.09	.76	---	---	---	---	---	---
25	.71	-.29	.34	1.11	.05	.69	---	---	---	---	---	---
26	.87	-.14	.44	.98	-.22	.29	---	---	---	---	---	---
27	1.18	.03	.64	1.09	-.49	.40	---	---	---	---	---	---
28	.57	-.61	-.07	.96	.06	.55	---	---	---	---	---	---
29	.41	-1.24	-.36	1.04	-.24	.55	---	---	---	---	---	---
30	---	---	---	1.06	.58	.81	---	---	---	---	---	---
31	---	---	---	1.05	.03	.55	---	---	---	---	---	---
MONTH	1.28	-1.82	.09	1.51	-1.57	.21	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	1.38	-.54	.59	1.54	.20	1.06	1.51	.67	1.19
2	---	---	---	1.47	-.54	.70	1.43	.43	.95	1.80	.60	1.22
3	---	---	---	1.31	-.49	.64	1.19	.43	.83	1.53	.55	1.07
4	---	---	---	1.27	-.46	.55	1.16	.57	.87	1.49	.51	1.07
5	---	---	---	1.07	-.46	.57	1.37	.64	1.04	1.43	.59	1.09
6	---	---	---	1.13	.02	.66	1.75	.58	1.19	1.83	.55	1.17
7	---	---	---	1.38	.21	.95	2.09	.75	1.41	1.57	.62	1.13
8	---	---	---	1.66	-.01	.79	1.82	.50	1.19	1.76	.56	1.26
9	---	---	---	.98	.10	.45	1.51	.08	.93	1.78	.64	1.24
10	---	---	---	1.01	-.22	.39	1.33	.27	.89	1.32	.51	1.04
11	---	---	---	1.06	-.20	.50	1.67	.12	.96	---	---	---
12	---	---	---	1.11	-.12	.56	1.17	-.09	.69	---	---	---
13	---	---	---	1.24	-.18	.69	1.33	-.19	.61	---	---	---
14	---	---	---	1.60	.00	.92	.94	.06	.64	---	---	---
15	---	---	---	1.28	-.05	.76	1.23	.21	.90	---	---	---
16	---	---	---	1.42	.04	.93	1.21	.50	.96	---	---	---
17	---	---	---	1.82	.36	1.35	1.50	.72	1.17	---	---	---
18	---	---	---	1.74	.77	1.39	1.52	.98	1.26	---	---	---
19	.75	-.50	.32	1.48	.65	1.21	1.38	.88	1.13	---	---	---
20	.80	-.47	.23	1.15	.51	.89	1.81	.97	1.43	---	---	---
21	.60	-.41	.25	1.13	.51	.76	2.05	1.01	1.63	---	---	---
22	.70	-.27	.24	1.01	.51	.68	2.44	1.65	2.07	---	---	---
23	.65	-.23	.25	.73	.19	.47	2.51	1.28	1.90	---	---	---
24	.83	-.15	.29	1.00	.01	.58	2.15	.70	1.58	---	---	---
25	.59	-.15	.20	1.38	-.38	.65	2.13	.85	1.57	1.55	.98	1.25
26	.86	-.42	.23	1.42	-.32	.62	1.96	.68	1.46	2.03	1.23	1.57
27	1.01	-1.09	.19	1.57	-.03	.90	2.02	.64	1.47	2.51	1.10	1.84
28	.91	-.63	.10	1.66	-.02	.97	1.93	.61	1.41	2.00	.66	1.35
29	1.08	-.65	.30	1.86	.12	1.14	1.74	.61	1.21	1.48	.35	1.00
30	1.15	-.60	.42	1.71	.27	1.17	1.93	.80	1.40	1.53	.54	1.13
31	---	---	---	1.71	.19	1.11	1.71	.98	1.32	---	---	---
MONTH	---	---	---	1.86	-.54	.79	2.51	-.19	1.20	---	---	---

MISSISSIPPI RIVER DELTA

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.

REMARKS.-- Extremes for current year for specific conductance and water temperature are not published because the number of missing days of record exceeded 20% of the year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 38,400 microsiemens, Sept. 30, 1995, but may have been higher during period of missing record; minimum daily, 1,010 microsiemens, June 18, 1994, but may have been lesser during period of missing record

WATER TEMPERATURES: Maximum daily, 34.0 °C, July 27, 1995, but may have been higher during period of missing record; minimum daily, 0.9°C, Feb. 5, 1996, but may have been lesser during period of missing record.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 34.0 °C, July 27; minimum daily, 7.4°C, Jan. 5.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	38100	30600	34000	34400	31500	33400	26900	24100	25900	27900	21900	25100
2	34500	30100	32500	35100	32700	34000	28400	22200	25400	27400	18100	22200
3	36400	29000	32000	33400	25500	30100	28200	25000	26800	18500	14200	15600
4	30700	26300	28800	26600	22400	25000	28600	23100	26300	19300	14300	16800
5	33500	25100	30100	29200	25200	27100	31500	24700	27700	19400	16900	18300
6	31700	23300	25400	31500	27200	29100	31700	24700	27900	19400	14000	17100
7	27300	20400	23100	31600	29400	30000	31700	23600	27100	14000	10200	11700
8	28100	23200	25500	29400	24000	26200	31200	26900	28400	12900	10400	11600
9	27100	21300	24500	29700	27200	28400	31200	18300	24700	13100	12000	12600
10	27300	21100	24100	33700	29500	31800	23300	17200	19800	14000	11400	12500
11	27600	24400	26000	33800	26900	30400	24800	21200	22500	14100	13300	13900
12	29700	25300	27200	28900	25200	26900	25400	23100	23900	13400	12200	12600
13	30900	28200	29500	30200	27600	29100	26900	24200	25800	13200	10300	11900
14	---	---	---	29300	25200	26600	28600	25100	27000	15200	11600	13200
15	---	---	---	29800	27100	28500	28600	25500	26700	15400	12100	13900
16	---	---	---	30100	24100	27300	30000	26000	27700	16800	13100	14800
17	---	---	---	30900	27100	28500	32500	28600	30500	19900	15300	16600
18	---	---	---	32800	28600	30200	37600	30700	33000	22000	15800	18700
19	---	---	---	33400	28600	30700	35000	22700	27700	17600	11000	12700
20	---	---	---	33300	27900	29900	26900	19100	21300	18000	13100	14900
21	---	---	---	30700	26900	28100	26900	19600	22200	17400	13700	15400
22	---	---	---	28800	25500	27700	24500	18900	21300	16900	15100	16200
23	---	---	---	31000	27400	28700	22600	19000	20800	17400	16500	17100
24	30600	22600	26800	30100	24700	26900	22300	17100	20200	18500	16200	17200
25	31400	25000	28400	28000	25800	26900	22200	17000	19400	25000	15500	17100
26	34300	27900	30700	28200	25600	27100	20600	17100	19000	31900	21700	26700
27	35900	32300	33400	29500	27900	28600	21400	18200	19900	30400	16900	20300
28	35900	28000	31000	30200	26000	28600	21000	17700	19900	26500	15100	19000
29	31500	28600	30000	27000	24100	25800	22200	18500	20500	24900	17800	21400
30	33600	26500	29300	25900	22100	24300	27000	20300	22600	24300	16900	20900
31	36800	26500	32300	---	---	---	26900	22700	24300	23700	17800	20500
MONTH	---	---	---	35100	22100	28500	37600	17000	24400	31900	10200	16700

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	23200	17400	21000	24500	14700	17400	10500	8380	9260	---	---	---
2	23500	14700	17700	24500	12400	19100	11000	7700	9460	---	---	---
3	15100	10600	12200	20800	13300	17600	11800	10300	11000	---	---	---
4	10700	7750	8530	20800	17700	19800	13400	10400	12000	---	---	---
5	12200	8790	10300	22600	19800	21500	13600	9210	11600	---	---	---
6	13400	11100	12500	26200	21400	23800	10400	7130	8710	---	---	---
7	16300	13100	14200	24000	13600	19000	13000	6690	9320	---	---	---
8	17400	15300	16200	13700	10300	11800	15300	8320	12500	---	---	---
9	15600	12200	14500	15800	9760	12500	18900	8970	13600	---	---	---
10	17800	12600	15400	16100	11200	13600	17400	9970	13800	---	---	---
11	17600	11800	13200	17000	11800	14600	17100	12100	14900	---	---	---
12	20900	9510	12500	21600	11500	16700	---	---	---	---	---	---
13	19800	10800	15000	21600	14100	17500	---	---	---	---	---	---
14	22000	11700	15600	22600	15600	19100	---	---	---	---	---	---
15	24600	13500	18300	24600	20100	22300	---	---	---	---	---	---
16	22700	10000	12800	24600	22300	23700	---	---	---	---	---	---
17	18900	8940	11900	25600	24300	25100	---	---	---	---	---	---
18	19300	10300	14200	26800	16500	23900	---	---	---	---	---	---
19	19000	16100	17600	16500	9840	12100	---	---	---	---	---	---
20	19700	14500	17700	10600	7810	8700	---	---	---	---	---	---
21	17400	12800	15800	14200	7470	10200	---	---	---	---	---	---
22	15500	12800	14400	12900	8550	11500	---	---	---	---	---	---
23	14200	11600	12700	13400	10600	12300	---	---	---	---	---	---
24	18600	9180	14100	13600	11400	12900	---	---	---	---	---	---
25	19000	11100	15400	12800	11100	11800	---	---	---	---	---	---
26	21800	15300	18800	12300	10900	11600	---	---	---	---	---	---
27	27300	19500	22700	13000	9900	11400	---	---	---	---	---	---
28	26100	14400	19200	12800	11100	12200	---	---	---	---	---	---
29	18500	11700	14300	19200	10000	13300	---	---	---	---	---	---
30	---	---	---	17200	14500	15100	---	---	---	---	---	---
31	---	---	---	14800	10500	13100	---	---	---	---	---	---
MONTH	27300	7750	15100	26800	7470	16000	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	9300	3650	6870	11400	6650	8730	13200	7340	10700
2	---	---	---	10600	5940	8250	8100	5600	7090	15800	8340	12100
3	---	---	---	10400	5460	7830	5840	4470	5080	18700	7250	12300
4	---	---	---	9360	3980	6650	4970	3860	4420	17700	7970	12700
5	---	---	---	7690	3620	5530	10500	4330	7310	19800	8900	14500
6	---	---	---	6450	3560	5120	10200	5250	7450	20000	9520	15200
7	---	---	---	7500	4340	5460	10300	6840	8600	18300	10100	13700
8	---	---	---	---	3470	8350	10700	5570	8680	21700	10300	15600
9	---	---	---	4250	2210	3230	8920	3760	6770	20200	10200	15200
10	---	---	---	5280	2170	2910	9340	3760	5960	16000	8590	13100
11	---	---	---	8540	1900	4010	8290	3470	5370	---	---	---
12	---	---	---	7200	1960	3920	5510	2290	3970	---	---	---
13	---	---	---	7910	2250	4430	7170	1780	3770	---	---	---
14	---	---	---	8980	2550	5320	5900	1780	3650	---	---	---
15	---	---	---	9070	3090	6280	6510	2090	4270	---	---	---
16	---	---	---	10800	2940	6670	7430	4030	5280	---	---	---
17	---	---	---	10100	6220	8480	8100	4500	6030	---	---	---
18	---	---	---	11300	7550	9530	8030	5570	6900	---	---	---
19	14000	8030	10600	9560	8060	9150	7260	5240	6530	---	---	---
20	12700	5740	9050	8540	6200	7450	10400	6390	7730	---	---	---
21	9480	4520	6760	6630	4980	6110	15100	6700	10200	---	---	---
22	8500	4130	6200	5060	3760	4510	26800	8650	17600	---	---	---
23	6210	2990	5190	4010	2150	3130	23300	11400	16000	---	---	---
24	5770	2890	4080	8270	2260	3860	19000	9970	14400	---	---	---
25	4790	2540	3640	8330	2170	4430	18500	9020	14000	19600	16900	18400
26	3860	2050	3090	6980	2420	4310	18700	9500	13500	22900	18300	20100
27	8450	1860	5350	8650	2750	6110	17300	9920	13500	23200	20000	21500
28	7240	1930	4200	10100	5450	7770	17700	10400	13700	21000	15000	18000
29	8830	2270	5070	9490	5990	7950	13700	9970	11400	18500	12500	15100
30	8380	3140	5910	9910	7410	8680	12500	9650	11200	19600	14900	16800
31	---	---	---	11300	7960	9140	13100	8230	10200	---	---	---
MONTH	---	---	---	11300	1900	6180	26800	1780	8690	---	---	---

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	28.2	26.9	27.5	21.8	19.7	20.6	17.0	14.8	15.9	12.2	9.7	11.2
2	27.3	26.9	27.1	23.7	21.8	22.6	17.4	15.5	16.7	12.7	10.6	11.9
3	27.0	24.6	26.1	22.7	17.8	21.3	18.8	16.8	18.0	10.6	8.9	9.9
4	24.6	23.5	23.9	17.8	14.5	16.0	25.0	23.7	24.3	10.4	8.0	9.2
5	25.4	23.4	24.4	16.1	14.4	15.4	21.6	19.2	20.4	11.9	9.5	10.7
6	24.7	23.0	24.1	18.8	15.3	16.8	22.7	20.0	21.5	12.2	10.3	11.4
7	23.3	21.6	22.5	19.5	17.1	18.6	21.7	19.8	21.0	10.3	5.3	7.9
8	23.9	21.1	22.6	19.2	17.5	18.3	19.9	18.4	19.3	7.6	3.1	5.4
9	23.8	21.7	22.6	18.4	16.2	17.6	19.3	10.6	15.9	7.4	4.7	6.1
10	24.7	21.8	23.1	18.9	17.2	18.2	11.3	6.9	9.2	10.0	6.0	7.6
11	25.1	22.5	23.8	19.1	15.7	18.2	11.7	8.4	10.3	9.8	8.2	8.9
12	24.5	23.4	24.0	16.9	14.9	15.9	12.1	9.5	10.9	11.3	8.7	9.9
13	25.3	23.9	24.6	17.5	15.2	16.5	13.8	10.8	12.2	11.7	9.5	10.5
14	---	---	---	17.8	15.7	16.7	13.6	12.2	13.0	12.6	10.6	11.6
15	---	---	---	17.2	15.5	16.4	17.2	13.3	15.6	13.4	12.3	12.9
16	---	---	---	18.1	16.1	17.0	17.5	15.9	16.6	15.1	13.1	14.1
17	---	---	---	18.1	16.3	17.3	18.9	16.2	18.1	16.8	14.2	15.6
18	---	---	---	18.7	17.5	18.1	19.9	18.6	19.2	16.9	12.8	15.8
19	---	---	---	18.8	17.9	18.3	19.0	12.8	16.1	12.8	8.0	9.8
20	---	---	---	19.1	18.0	18.6	12.8	10.9	11.6	9.7	8.3	9.1
21	---	---	---	19.5	17.8	18.7	12.3	9.5	10.2	11.7	9.2	10.3
22	---	---	---	17.8	16.4	17.1	10.1	7.6	8.5	13.7	10.5	11.9
23	---	---	---	19.0	16.7	17.8	8.2	6.7	7.4	13.9	11.8	12.9
24	24.2	22.0	23.0	18.4	16.9	17.8	8.0	6.3	7.3	14.7	12.9	13.8
25	23.9	22.0	22.7	17.3	14.9	16.2	8.8	6.9	7.9	13.4	11.5	12.6
26	24.1	22.2	23.2	17.5	15.5	16.6	9.0	7.2	8.3	16.0	13.3	14.6
27	25.2	23.1	24.1	18.7	16.4	17.7	9.7	7.7	8.6	15.9	12.6	14.0
28	24.3	23.0	23.8	19.8	17.2	18.5	8.8	6.8	7.8	12.8	10.6	12.0
29	23.0	19.7	20.7	17.7	14.9	16.4	8.0	5.8	7.0	13.2	12.4	12.7
30	19.9	17.9	18.7	16.0	14.0	15.0	8.9	7.2	8.0	15.2	13.1	14.1
31	19.8	17.9	19.0	---	---	---	10.1	8.9	9.5	15.3	14.1	14.8
MONTH	---	---	---	23.7	14.0	17.7	25.0	5.8	13.4	16.9	3.1	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.1	13.0	13.4	14.2	11.9	12.9	20.2	17.6	18.9	---	---	---
2	13.0	8.1	10.8	14.2	11.7	13.0	19.2	15.5	17.4	---	---	---
3	8.1	4.6	6.7	15.8	12.7	14.1	19.9	17.2	18.5	---	---	---
4	4.6	1.6	3.2	17.8	14.6	16.1	20.9	18.8	19.5	---	---	---
5	5.6	.9	3.4	18.7	16.0	17.3	20.2	18.6	19.7	---	---	---
6	7.4	3.8	5.5	19.8	17.8	18.7	18.6	15.2	16.3	---	---	---
7	9.5	6.2	7.7	19.5	11.1	16.3	17.2	13.5	15.4	---	---	---
8	11.6	7.7	9.7	11.5	7.3	9.2	19.0	15.9	17.2	---	---	---
9	14.9	11.2	12.7	10.3	4.7	7.6	19.7	17.6	18.4	---	---	---
10	15.9	12.4	13.4	10.7	6.9	8.9	20.4	18.3	19.4	---	---	---
11	16.9	14.8	15.5	11.3	7.8	9.7	21.0	18.8	19.9	---	---	---
12	15.1	12.5	13.7	12.9	9.7	11.3	---	---	---	---	---	---
13	14.0	11.9	13.0	14.8	12.3	13.5	---	---	---	---	---	---
14	14.5	12.8	13.7	17.8	14.8	16.4	---	---	---	---	---	---
15	15.2	14.1	14.6	19.6	16.9	18.3	---	---	---	---	---	---
16	14.6	10.7	13.4	21.3	18.5	20.0	---	---	---	---	---	---
17	12.7	9.8	11.4	22.4	19.7	21.0	---	---	---	---	---	---
18	14.4	11.6	13.0	22.2	17.3	20.8	---	---	---	---	---	---
19	15.4	13.3	14.4	17.3	13.9	15.3	---	---	---	---	---	---
20	17.0	15.1	16.0	13.9	10.7	12.6	---	---	---	---	---	---
21	19.1	16.6	17.7	14.0	10.0	11.7	---	---	---	---	---	---
22	19.3	18.0	18.6	16.4	12.0	13.6	---	---	---	---	---	---
23	19.7	18.5	19.1	17.4	13.6	15.5	---	---	---	---	---	---
24	20.0	19.2	19.5	19.3	16.5	17.9	---	---	---	---	---	---
25	21.8	19.7	20.8	20.0	18.4	19.2	---	---	---	---	---	---
26	23.0	21.0	21.9	19.0	15.4	17.4	---	---	---	---	---	---
27	23.6	21.7	22.6	16.0	14.3	15.3	---	---	---	---	---	---
28	23.0	18.0	21.7	18.0	15.7	16.6	---	---	---	---	---	---
29	18.0	13.0	15.1	17.6	16.8	17.2	---	---	---	---	---	---
30	---	---	---	20.9	17.5	19.1	---	---	---	---	---	---
31	---	---	---	22.6	19.7	20.7	---	---	---	---	---	---
MONTH	23.6	.9	13.9	22.6	4.7	15.4	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	31.6	29.3	30.2	30.8	28.8	29.6	29.4	27.8	28.8
2	---	---	---	31.8	29.2	30.4	29.9	28.3	28.9	30.4	27.9	29.1
3	---	---	---	32.3	29.9	30.8	30.5	27.9	29.1	30.4	28.6	29.6
4	---	---	---	31.7	30.0	30.7	31.8	29.0	30.3	30.8	29.2	30.0
5	---	---	---	32.3	29.9	31.0	32.1	30.4	31.0	31.0	29.8	30.3
6	---	---	---	32.7	30.4	31.4	31.4	30.1	30.7	30.9	29.8	30.3
7	---	---	---	31.5	29.7	30.7	30.8	29.5	30.1	31.4	29.7	30.4
8	---	---	---	29.7	28.0	28.9	31.7	29.5	30.5	31.7	30.1	30.8
9	---	---	---	30.8	27.7	29.1	32.4	30.3	31.2	30.8	30.0	30.4
10	---	---	---	31.6	29.4	30.3	31.3	29.8	30.5	31.7	29.3	30.1
11	---	---	---	30.8	29.5	30.0	30.2	28.5	29.5	---	---	---
12	---	---	---	31.4	29.2	30.2	30.2	27.4	28.6	---	---	---
13	---	---	---	31.7	30.2	30.8	29.5	27.9	28.6	---	---	---
14	---	---	---	31.4	29.8	30.6	30.6	28.0	28.9	---	---	---
15	---	---	---	31.7	29.4	30.6	30.2	28.6	29.2	---	---	---
16	---	---	---	32.7	30.1	31.2	31.8	29.0	30.1	---	---	---
17	---	---	---	31.8	30.3	31.0	30.9	29.8	30.4	---	---	---
18	---	---	---	31.5	29.6	30.6	31.1	29.5	30.3	---	---	---
19	31.5	29.2	30.1	31.9	29.7	30.7	32.2	29.7	30.6	---	---	---
20	31.2	29.0	30.1	32.2	30.4	31.2	30.8	29.2	30.1	---	---	---
21	31.8	29.4	30.4	32.1	29.8	30.9	29.3	27.6	28.7	---	---	---
22	31.8	30.1	30.8	32.5	30.2	31.1	28.1	27.3	27.8	---	---	---
23	32.1	29.7	30.6	32.2	29.8	31.0	28.4	27.0	27.6	---	---	---
24	30.2	29.3	29.9	32.6	30.2	31.4	28.9	27.5	28.1	---	---	---
25	31.5	28.7	30.0	31.5	29.4	30.4	29.9	28.0	28.8	28.7	26.7	27.6
26	32.3	30.1	31.1	29.8	28.6	29.3	31.0	29.0	29.7	28.9	27.0	27.9
27	31.7	28.5	30.8	30.4	28.8	29.3	30.6	29.3	29.9	29.1	27.2	28.1
28	30.4	27.8	29.0	31.2	29.0	29.8	31.2	29.4	30.2	27.2	24.3	26.0
29	30.8	28.4	29.6	30.3	29.1	29.8	30.9	29.0	29.8	24.3	22.1	23.4
30	30.9	29.3	30.0	30.8	28.5	29.4	30.2	28.9	29.6	23.6	21.7	22.9
31	---	---	---	30.2	29.0	29.6	29.5	28.2	28.9	---	---	---
MONTH	---	---	---	32.7	27.7	30.4	32.4	27.0	29.6	---	---	---

MISSISSIPPI RIVER DELTA

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.

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 electromagnetic flowmeter. Datum of gage is sea level. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records poor. No velocity record: Nov. 2-11, Dec. 17-24, Apr. 1-13, 20, May 19, Sept. 27-28. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 5,170 ft³/s, Feb. 19, 1988, maximum elevation 12.11 ft, Oct. 27, 1983; maximum negative discharge, -280 ft³/s, June 16, 1985, no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge recorded, 1,130 ft³/s, Jan. 28, but may have been higher during periods of missing record; minimum daily discharge recorded, 12 ft³/s, Sept. 12-13, but may have been lesser during the periods of missing record.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	26	15	814	561	362	---	299	35	51	47	19
2	49	649	17	796	654	264	---	195	34	55	46	15
3	88	---	15	663	685	164	---	159	34	50	38	16
4	213	---	19	549	492	97	---	140	34	50	36	17
5	137	---	27	441	338	61	---	134	35	48	33	16
6	70	---	28	278	247	84	---	116	35	49	40	17
7	56	---	23	163	178	99	---	120	37	51	47	17
8	53	---	20	89	158	95	---	114	51	50	36	18
9	49	---	17	70	149	79	---	119	41	51	44	18
10	48	---	15	72	152	67	---	178	40	50	48	16
11	42	---	16	43	117	58	---	200	40	49	43	14
12	40	65	15	24	104	57	---	287	40	51	65	12
13	48	44	16	21	93	37	---	274	41	69	45	12
14	208	36	18	20	27	27	989	200	45	65	35	13
15	241	31	20	20	29	45	725	153	55	65	31	14
16	91	21	30	20	26	30	632	150	58	56	30	38
17	27	23	---	21	23	49	474	129	47	53	26	49
18	23	23	---	20	23	43	348	92	48	49	27	21
19	27	20	---	20	25	47	151	---	55	49	27	19
20	27	29	---	21	33	39	---	29	51	49	22	18
21	23	49	---	24	26	31	228	29	48	50	19	40
22	19	48	---	23	27	26	171	27	48	44	18	48
23	19	38	---	24	25	27	254	27	51	37	19	30
24	25	34	---	24	26	25	638	27	55	36	20	22
25	21	35	1090	25	28	30	557	27	59	33	20	20
26	17	25	904	118	26	27	316	27	57	40	25	19
27	21	26	856	965	26	25	185	28	55	39	22	---
28	29	22	877	1130	165	20	154	29	54	37	21	---
29	22	19	826	1010	594	18	224	51	56	40	20	199
30	21	17	786	787	---	150	433	60	55	46	20	125
31	21	---	785	635	---	---	---	38	---	50	21	---
TOTAL	1820	---	---	8930	5057	---	---	---	1394	1512	991	---
MEAN	58.7	---	---	288	174	---	---	---	46.5	48.8	32.0	---

MISSISSIPPI RIVER DELTA

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

ELEVATION (IN FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.11	.60	7.93	6.20	7.61	---	2.65	1.81	2.10	1.78	.91
2	1.37	4.69	.73	8.46	5.38	6.54	2.53	1.82	1.81	2.02	2.13	.67
3	2.10	9.36	.66	7.76	6.66	4.90	1.97	1.57	1.80	1.92	2.08	.63
4	3.95	9.28	.96	6.86	5.79	3.39	---	1.50	1.80	1.90	1.98	.63
5	2.89	8.80	1.31	5.96	4.56	2.56	---	1.44	1.83	1.82	1.80	.67
6	1.82	8.22	1.35	4.58	3.65	3.37	---	1.40	1.86	1.75	1.91	.72
7	1.48	7.66	1.32	3.63	3.23	3.56	---	1.38	1.90	1.69	2.10	.69
8	1.36	7.32	1.06	3.05	2.98	3.22	---	1.36	2.05	1.70	1.89	.70
9	1.23	6.41	.89	2.59	2.75	2.71	2.47	1.40	2.05	1.76	1.85	.64
10	1.11	5.43	.80	2.23	2.53	2.23	2.14	1.97	2.03	1.72	2.04	.53
11	.88	4.10	.79	1.91	2.30	1.82	1.92	2.64	2.00	1.67	2.19	.39
12	.79	2.91	.72	1.68	2.06	1.46	1.86	3.38	1.95	1.62	2.22	.22
13	.87	2.12	.79	1.45	1.87	1.21	6.39	2.43	1.99	1.62	2.20	.22
14	2.36	1.65	.88	1.31	1.75	1.23	8.81	1.77	2.09	1.64	1.90	.31
15	3.01	1.33	1.05	1.28	1.68	1.24	8.18	1.58	2.45	1.47	1.75	.38
16	1.64	1.12	1.24	1.26	1.54	1.18	7.22	1.47	2.57	1.50	1.66	.62
17	1.17	.99	3.87	1.27	1.38	1.99	5.58	1.46	2.31	1.43	1.61	1.05
18	1.15	.86	10.17	1.31	1.38	2.38	3.92	1.47	2.16	1.33	1.55	.93
19	1.23	.99	11.80	1.30	1.57	2.29	3.13	1.47	2.26	1.34	1.45	.81
20	1.16	1.38	11.86	1.36	1.80	1.85	2.83	1.51	2.22	1.36	1.32	.78
21	.99	1.85	11.71	1.57	1.62	1.55	2.57	1.50	2.16	1.37	1.14	1.26
22	.89	1.80	11.46	1.58	1.43	1.40	2.36	1.50	2.13	1.17	1.06	1.69
23	.97	1.73	11.17	1.58	1.59	1.37	2.91	1.49	2.15	1.04	1.09	1.38
24	1.05	1.70	10.85	1.62	1.62	1.21	5.09	1.52	2.23	1.00	1.13	1.09
25	.92	1.57	10.51	1.63	1.53	1.27	4.74	1.52	2.34	.95	1.30	1.03
26	.96	1.34	10.17	2.20	1.46	1.28	3.25	1.55	2.34	1.20	1.49	1.00
27	1.20	1.29	9.84	8.21	1.30	1.08	1.99	1.63	2.27	1.15	1.25	1.70
28	1.29	1.14	9.49	9.01	3.13	.95	1.64	1.70	2.21	1.04	1.22	5.29
29	1.17	.94	9.11	8.69	7.37	.96	2.19	1.80	2.18	1.12	1.19	5.38
30	1.01	.70	8.64	8.22	---	2.73	3.89	1.91	2.16	1.31	1.04	3.63
31	.95	---	8.02	7.55	---	---	---	1.88	---	1.71	1.05	---
MAX	3.95	9.36	11.86	9.01	7.37	---	---	3.38	2.57	2.10	2.22	5.38
MIN	.79	.70	.60	1.26	1.30	---	---	1.36	1.80	.95	1.04	.22

RED RIVER BASIN

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.

REMARKS.--Records for the 1993 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)
APR 1996					
09...	1045	277000	207	155000	67
12...	1000	278000	222	167000	68
19...	1000	189000	176	89800	93

MISSISSIPPI RIVER DELTA
07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA
WATER-QUALITY RECORDS

LOCATION.--Lat 30°58'57", long 91°47'54" in NE 1/4 SW 1/4 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 Simmesport, 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 mi².

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SEDI- MENT, SUS- PENDED (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995					
11...	1200	85000	121	27800	99
25...	1200	109000	126	37100	97
NOV					
08...	1200	104000	118	33100	98
21...	1300	169000	175	79900	85
DEC					
13...	0930	111000	63	18900	94
JAN 1996					
03...	1200	161000	178	77400	89
31...	1000	272000	608	446000	74
FEB					
14...	1100	288000	306	238000	65
MAR					
13...	1100	251000	262	178000	74
26...	1100	244000	239	157000	73
APR					
10...	1404	311000	257	216000	65
MAY					
08...	1100	335000	319	289000	82
23...	1500	411000	235	261000	71
JUN					
04...	1100	422000	164	187000	56
20...	1000	404000	210	229000	74S
JUL					
02...	1030	324000	185	162000	88
31...	1100	184000	134	66600	93

MISSISSIPPI RIVER DELTA
07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA
SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36000	34000	43000	75000	476000	104000	190000	227000	206000	184000	77000	54000
2	43000	33000	43000	76000	511000	106000	201000	243000	201000	162000	87000	54000
3	44000	29000	39000	77000	471000	107000	214000	255000	194000	154000	88000	56000
4	56000	31000	36000	69000	428000	106000	221000	264000	187000	140000	97000	54000
5	63000	26000	32000	72000	430000	103000	219000	267000	190000	133000	99000	54000
6	73000	27000	28000	75000	440000	113000	247000	275000	192000	123000	91000	54000
7	82000	31000	26000	77000	414000	117000	246000	293000	197000	115000	85000	51000
8	87000	33000	24000	78000	386000	128000	228000	288000	204000	108000	81000	46000
9	98000	31000	23000	66000	371000	128000	219000	290000	209000	93000	78000	44000
10	55000	32000	23000	65000	347000	133000	216000	309000	212000	90000	75000	46000
11	28000	43000	20000	66000	332000	146000	214000	285000	213000	81000	75000	44000
12	25000	42000	20000	70000	304000	167000	208000	289000	212000	74000	74000	41000
13	31000	35000	19000	78000	266000	177000	205000	287000	214000	66000	82000	40000
14	31000	45000	18000	83000	238000	186000	212000	285000	213000	63000	78000	42000
15	33000	45000	18000	89000	217000	191000	211000	278000	214000	65000	78000	42000
16	37000	51000	18000	87000	192000	197000	204000	280000	217000	62000	74000	42000
17	40000	56000	21000	107000	170000	198000	191000	274000	223000	60000	64000	43000
18	41000	63000	24000	111000	153000	199000	174000	272000	222000	59000	65000	43000
19	44000	67000	34000	116000	141000	201000	164000	269000	226000	58000	67000	41000
20	42000	76000	36000	116000	142000	195000	128000	264000	229000	58000	62000	49000
21	40000	80000	32000	113000	142000	190000	121000	265000	232000	55000	58000	54000
22	37000	80000	32000	125000	144000	186000	117000	263000	225000	52000	59000	56000
23	38000	79000	31000	134000	156000	182000	125000	260000	221000	51000	59000	53000
24	35000	82000	32000	151000	152000	171000	132000	250000	219000	53000	61000	48000
25	37000	74000	30000	162000	147000	162000	125000	249000	216000	54000	62000	49000
26	34000	71000	31000	180000	140000	157000	128000	246000	213000	50000	60000	58000
27	37000	66000	39000	227000	134000	151000	146000	239000	208000	47000	57000	64000
28	35000	62000	52000	265000	124000	167000	165000	232000	199000	47000	53000	72000
29	36000	57000	59000	287000	116000	178000	198000	224000	195000	47000	52000	82000
30	32000	47000	66000	364000	---	178000	219000	219000	190000	58000	52000	90000
31	33000	---	72000	446000	---	182000	---	211000	---	66000	51000	---
MEAN	44600	50900	32900	132000	265000	158000	186000	263000	210000	81500	71000	52200
MAX	98000	82000	72000	446000	511000	201000	247000	309000	232000	184000	99000	90000
MIN	25000	26000	18000	65000	116000	103000	117000	211000	187000	47000	51000	40000

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW 1/4 NW 1/4 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.--93,316 mi².

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (µS/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)	SETTLE- ABLE MATTER (ML/L/ HR) (50086)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)
OCT 1995												
05...	0945	68600	669	8.00	28.0	5	29	<1	9.7	3.0	11	310
DEC												
07...	1200	90000	462	7.80	10.0	15	17	<1	10.4	1.2	10	480
FEB 1996												
08...	1100	318000	316	7.77	3.5	15	260	<1	12.4	3.4	93	3000
MAR												
28...	1100	260000	363	7.81	10.0	20	66	<1	10.3	0.4	--	380
APR												
24...	1100	195000	315	7.64	17.0	40	110	<1	7.8	--	34	720
MAY												
02...	0930	--	333	7.53	18.5	20	81	<1	8.2	1.3	--	K310
16...	0930	--	313	7.15	20.0	15	54	<1	7.6	1.0	--	--
30...	0845	365000	306	7.73	23.0	10	45	<1	7.2	1.5	--	--
JUN												
06...	1130	373000	329	7.71	24.0	10	34	<1	7.2	0	--	--
20...	0920	399000	343	7.21	24.0	20	51	<1	7.3	--	--	--
JUL												
29...	1230	127000	466	7.91	29.5	15	27	<1	7.2	0.7	19	K120
AUG												
21...	1130	143000	457	7.87	29.0	10	24	<1	6.6	0	--	--
29...	1030	126000	453	7.78	29.0	10	31	<1	7.0	0.1	--	--
SEP												
16...	1130	102000	487	8.17	29.0	10	27	<1	7.6	0.2	34	110

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count)

MISSISSIPPI RIVER DELTA
07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	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)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
OCT 1995												
05...	84	--	--	--	--	--	--	135	--	--	--	--
DEC												
07...	70	K22	170	45	15	32	3.7	122	74	29	0.3	7.4
FEB 1996												
08...	220	--	110	31	7.9	16	2.6	75	34	21	0.2	6.2
MAR												
28...	K48	420	120	33	9.6	20	2.8	86	46	24	0.1	6.7
APR												
24...	K250	200	99	27	7.7	20	3.0	70	37	24	0.2	6.2
MAY												
02...	K35	K71	110	30	8.9	19	3.0	78	44	21	0.2	5.4
16...	160	K48	120	33	--	14	3.2	82	38	15	0.2	6.2
30...	K24	93	120	33	9.0	11	3.1	86	35	13	0.2	6.5
JUN												
06...	K18	82	130	35	9.9	12	3.1	85	39	15	0.2	7.7
20...	K42	180	140	37	11	13	3.4	96	35	14	0.2	7.2
JUL												
29...	K20	K7	170	44	14	23	3.3	125	60	24	0.3	6.0
AUG												
21...	K10	K32	140	38	12	27	3.5	110	--	--	--	6.4
29...	K20	K12	150	38	13	27	3.7	110	62	27	0.2	6.3
SEP												
16...	K10	K30	170	43	14	33	3.9	110	63	30	0.2	6.4

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
OCT 1995										
05...	--	--	6	0.01	0.43	0.43	0.02	0.4	--	0.13
DEC										
07...	310	286	--	0.01	1.3	1.3	0.03	0.4	--	0.13
FEB 1996										
08...	--	169	220	0.01	1.5	1.5	0.08	0.8	0.3	0.32
MAR										
28...	216	200	--	0.03	1.2	1.2	0.04	0.4	0.3	0.06
APR										
24...	182	172	--	0.03	1.1	1.1	0.05	0.7	0.3	0.28
MAY										
02...	199	182	--	0.01	1.0	1.0	0.02	0.6	0.3	0.21
16...	189	175	--	<0.01	1.2	1.2	0.37	0.7	0.3	0.25
30...	198	168	--	<0.01	1.0	1.0	0.03	0.5	0.4	0.17
JUN										
06...	194	185	--	<0.01	1.5	1.5	0.03	0.5	0.3	0.16
20...	195	188	--	<0.01	2.1	2.1	0.03	0.5	0.2	0.17
JUL										
29...	269	259	--	<0.01	1.7	1.7	<0.01	<0.2	0.3	0.08
AUG										
21...	--	--	--	<0.01	1.4	1.4	<0.01	0.4	<0.2	0.12
29...	265	250	--	<0.01	1.1	1.1	0.04	0.6	0.4	0.15
SEP										
16...	--	264	140	<0.01	0.81	0.81	<0.01	0.4	<0.2	0.16

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (µG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (µG/L AS SB) (01095)	ARSENIC TOTAL (µG/L AS AS) (01002)	ARSENIC DIS- SOLVED (µG/L AS AS) (01000)	BARIUM, DIS- SOLVED (µG/L AS BA) (01005)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	BERYL- LIUM, DIS- SOLVED (µG/L AS BE) (01010)	BORON, DIS- SOLVED (µG/L AS B) (01020)
OCT 1995										
05...	0.06	0.07	--	--	3	2	--	<0.5	<10	--
DEC										
07...	0.09	0.08	20	--	2	1	67	<0.5	<10	--
FEB 1996										
08...	0.04	0.04	40	<1	4	<1	48	<0.5	<1	40
MAR										
28...	0.05	0.05	7	<1	--	<1	50	--	<1	50
APR										
24...	0.07	0.06	5	<1	4	<1	53	0.8	<0.5	40
MAY										
02...	0.06	0.05	4	<1	--	<1	50	--	<1	40
16...	0.06	0.06	4	<1	--	1	49	--	<1	40
30...	0.07	0.06	3	<1	--	1	56	--	<1	30
JUN										
06...	0.07	0.07	3	<1	--	2	59	--	<1	40
20...	0.04	--	3	<1	--	1	58	--	<1	40
JUL										
29...	0.07	--	6	<1	2	2	77	<0.5	<0.5	50
AUG										
21...	0.06	--	3	<1	--	2	71	--	<1	60
29...	0.06	--	8	<1	--	2	70	--	<1	60
SEP										
16...	0.05	--	7	<1	2	2	76	<0.5	<0.5	60

DATE	CADMIUM TOTAL RECOV- ERABLE (µG/L AS CD) (01027)	CADMIUM DIS- SOLVED (µG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (µG/L AS CR) (01030)	CHRO- MIUM, HEXA- VALENT, DIS- (µG/L AS CR) (01032)	COBALT, DIS- SOLVED (µG/L AS CO) (01035)	COPPER, TOTAL RECOV- ERABLE (µG/L AS CU) (01042)	COPPER, DIS- SOLVED (µG/L AS CU) (01040)	IRON, TOTAL RECOV- ERABLE (µG/L AS FE) (01045)	IRON, DIS- SOLVED (µG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (µG/L AS PB) (01051)
OCT 1995											
05...	<1	<1	2	--	<1	--	3	2	1600	6	2
DEC											
07...	<1	<1	1	--	<1	<3	3	3	1100	15	<1
FEB 1996											
08...	<1	<1	7	<1	<1	<1	9	2	7400	51	10
MAR											
28...	--	<1	--	<1	--	<1	--	2	--	24	--
APR											
24...	<1	<1	7	<1	<1	<1	12	2	8100	29	7
MAY											
02...	--	<1	--	<1	--	<1	--	3	--	24	--
16...	--	<1	--	<1	--	<1	--	2	--	23	--
30...	--	<1	--	<1	--	<1	--	2	--	8	--
JUN											
06...	--	<1	--	<1	--	<1	--	3	--	5	--
20...	--	<1	--	<1	--	<1	--	2	--	15	--
JUL											
29...	<1	<1	2	2	<1	<1	5	2	1800	4	3
AUG											
21...	--	<1	--	<1	--	<1	--	5	--	<3	--
29...	--	<1	--	1	--	<1	--	3	--	6	--
SEP											
16...	<1	<1	2	<1	<1	<1	4	2	1900	13	2

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA
07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	LEAD, DIS- SOLVED ($\mu\text{G/L}$ AS PB) (01049)	LITHIUM DIS- SOLVED ($\mu\text{G/L}$ AS LI) (01130)	MANGA- NESE, TOTAL RECOV- ERABLE ($\mu\text{G/L}$ AS MN) (01055)	MANGA- NESE, DIS- SOLVED ($\mu\text{G/L}$ AS MN) (01056)	MERCURY DIS- SOLVED ($\mu\text{G/L}$ AS HG) (71890)	MERCURY TOTAL RECOV- ERABLE ($\mu\text{G/L}$ AS HG) (71900)	MOLYB- DENUM, DIS- SOLVED ($\mu\text{G/L}$ AS MO) (01060)	NICKEL, TOTAL RECOV- ERABLE ($\mu\text{G/L}$ AS NI) (01067)	NICKEL, DIS- SOLVED ($\mu\text{G/L}$ AS NI) (01065)	SELE- NIUM, TOTAL ($\mu\text{G/L}$ AS SE) (01147)	SELE- NIUM, DIS- SOLVED ($\mu\text{G/L}$ AS SE) (01145)
OCT 1995											
05...	<1	--	140	--	<0.1	<0.1	--	4	2	<1	<1
DEC											
07...	<1	12	79	3	<0.1	<0.1	<10	3	2	<1	<1
FEB 1996											
08...	<1	<4	410	4	<0.1	<0.1	<1	13	2	<1	<1
MAR											
28...	<1	6	--	1	--	--	1	--	1	--	<1
APR											
24...	<1	5	360	2	<0.1	--	1	9	2	<1	<1
MAY											
02...	<1	5	--	1	--	--	1	--	2	--	<1
16...	<1	5	--	2	--	--	1	--	2	--	<1
30...	<1	<4	--	1	--	--	1	--	3	--	<1
JUN											
06...	<1	6	--	2	--	--	1	--	4	--	<1
20...	<1	5	--	1	--	--	1	--	2	--	<1
JUL											
29...	<1	10	140	<1	<0.1	<0.1	2	4	2	<1	<1
AUG											
21...	<1	10	--	<1	--	--	2	--	3	--	<1
29...	<1	8	--	1	--	--	3	--	3	--	<1
SEP											
16...	<1	11	160	<1	--	<0.1	2	4	2	<1	<1

DATE	SILVER, DIS- SOLVED ($\mu\text{G/L}$ AS AG) (01075)	STRON- TIUM, DIS- SOLVED ($\mu\text{G/L}$ AS SR) (01080)	VANA- DIUM, DIS- SOLVED ($\mu\text{G/L}$ AS V) (01085)	ZINC, TOTAL RECOV- ERABLE ($\mu\text{G/L}$ AS ZN) (01092)	ZINC, DIS- SOLVED ($\mu\text{G/L}$ AS ZN) (01090)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL ($\mu\text{G/L}$) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 1995											
05...	--	--	2	9	<10	6.8	--	--	<0.01	<1	<1
DEC											
07...	<1	250	<1	9	<10	8.9	--	--	<0.01	<1	<1
FEB 1996											
08...	<1	150	<1	40	2	--	17	1.0	<0.01	<1	<1
MAR											
28...	<1	160	<6	--	2	--	5.1	2.4	--	--	--
APR											
24...	<1	160	1	40	1	10	--	0.5	<0.01	<1	<1
MAY											
02...	<1	150	<6	--	9	--	2.2	2.2	--	--	--
16...	<1	140	<6	--	2	--	5.8	2.3	--	--	--
30...	<1	140	<6	--	2	--	6.8	2.2	--	--	--
JUN											
06...	<1	140	<6	--	1	--	4.5	1.7	--	--	--
20...	<1	150	<6	--	<1	--	4.4	1.0	--	--	--
JUL											
29...	<1	210	2	9	<1	6.1	4.0	1.2	<0.01	4	<1
AUG											
21...	<1	210	<6	--	5	--	4.0	0.4	--	--	--
29...	<1	220	<6	--	13	--	2.9	1.1	--	--	--
SEP											
16...	<1	240	1	10	1	6.3	4.2	1.1	<0.01	4	3

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MISSISSIPPI RIVER DELTA
07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PROP- CHLOR, WATER, DISS, REC (μG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (μG/L) (04028)	SI- MAZINE, WATER, DISS, REC (μG/L) (04035)	PRO- METRYN, WATER, DISS, REC (μG/L) (04036)	PRO- METON, WATER, DISS, REC (μG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (μG/L) (04038)	DEETHYL ATRA- ZINE, WATER, DISS, REC (μG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (μG/L) (04041)	FONOFOS WATER DISS REC (μG/L) (04095)	ALPHA BHC DIS- SOLVED (μG/L) (34253)	PP' DDE DISSOLV (μG/L) (34653)	PROP- AZINE WATER DISS REC (μG/L) (38535)
OCT 1995												
05...	--	--	<0.01	<0.05	<0.05	<0.05	<0.05	<0.200	--	--	--	<0.05
DEC												
07...	E0.004	<0.002	0.021	<0.05	E0.014	<0.05	E0.017	0.031	<0.003	<0.002	<0.006	<0.05
FEB 1996												
08...	<0.007	<0.002	0.015	<0.05	E0.007	<0.05	E0.011	0.014	<0.003	<0.002	<0.006	<0.05
MAR												
28...	<0.007	<0.002	0.014	--	E0.004	--	E0.014	0.033	<0.003	<0.002	<0.006	--
APR												
24...	<0.007	<0.002	0.029	<0.05	E0.005	<0.05	E0.033	0.083	<0.003	<0.002	<0.006	<0.05
MAY												
02...	<0.007	<0.002	0.071	--	E0.007	--	E0.026	0.110	<0.003	<0.002	<0.006	--
16...	<0.007	<0.002	0.200	--	E0.008	--	E0.054	0.250	<0.003	<0.002	<0.006	--
30...	<0.007	E0.002	0.130	--	E0.008	--	E0.110	0.940	<0.003	<0.002	<0.006	--
JUN												
06...	<0.007	<0.002	0.089	--	E0.008	--	E0.069	0.464	<0.003	<0.002	<0.006	--
20...	<0.007	E0.002	0.210	--	E0.009	--	E0.140	0.720	<0.003	<0.002	<0.006	--
JUL												
29...	<0.007	<0.002	0.064	<0.05	0.017	0.07	E0.134	0.281	<0.003	<0.002	<0.006	<0.05
AUG												
21...	<0.007	<0.002	0.032	--	E0.017	--	E0.055	0.107	<0.003	<0.002	<0.006	--
29...	<0.007	<0.002	0.025	--	E0.014	--	E0.042	0.080	<0.003	<0.002	<0.006	--
SEP												
16...	<0.007	<0.002	0.013	<0.05	E0.009	<0.05	E0.036	0.039	<0.003	<0.002	<0.006	<0.05
DATE	CHLOR- PYRIFOS TOTAL RECOVER (μG/L) (38932)	CHLOR- PYRIFOS DIS- SOLVED (μG/L) (38933)	PHORATE TOTAL (μG/L) (39023)	PER- THANE TOTAL (μG/L) (39034)	DEF TOTAL (μG/L) (39040)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (μG/L) (39250)	ALDRIN, TOTAL (μG/L) (39330)	LINDANE TOTAL (μG/L) (39340)	LINDANE DIS- SOLVED (μG/L) (39341)	CHLOR- DANE, TOTAL (μG/L) (39350)	DDD, TOTAL (μG/L) (39360)	DDE, TOTAL (μG/L) (39365)
OCT 1995												
05...	<0.01	--	<0.03	<0.1	<0.01	<0.1	<0.01	<0.01	--	<0.1	<0.10	<0.01
DEC												
07...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
FEB 1996												
08...	<0.01	<0.004	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.004	<0.1	<0.01	<0.01
MAR												
28...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
APR												
24...	<0.01	0.008	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.004	<0.1	<0.01	<0.01
MAY												
02...	--	0.008	--	--	--	--	--	--	<0.004	--	--	--
16...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
30...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
JUN												
06...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
20...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
JUL												
29...	<0.01	<0.004	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.004	<0.1	<0.01	<0.01
AUG												
21...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
29...	--	<0.004	--	--	--	--	--	--	<0.004	--	--	--
SEP												
16...	<0.01	<0.004	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.004	<0.1	<0.01	<0.01

< Actual value is known to be less than the value shown.
E Estimated.

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	DDT, TOTAL (µG/L) (39370)	DI- ELDRIN TOTAL (µG/L) (39380)	DI- ELDRIN DIS- SOLVED (µG/L) (39381)	ENDO- SULFAN, TOTAL (µG/L) (39388)	ENDRIN WATER UNFLTRD REC (µG/L) (39390)	ETHION, TOTAL (µG/L) (39398)	TOX- APHENE, TOTAL (µG/L) (39400)	HEPTA- CHLOR, TOTAL (µG/L) (39410)	METO- LACHLOR WATER DISSOLV (µG/L) (39415)	HEPTA- CHLOR EPOXIDE TOTAL (µG/L) (39420)	METH- OXY- CHLOR, TOTAL (µG/L) (39480)	PCB, TOTAL (µG/L) (39516)
OCT 1995												
05...	<0.01	<0.01	--	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01	<0.01	<0.1
DEC												
07...	--	--	<0.001	--	--	--	--	--	0.09	--	--	--
FEB 1996												
08...	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<1	<0.01	0.03	<0.01	<0.01	<0.1
MAR												
28...	--	--	<0.001	--	--	--	--	--	0.11	--	--	--
APR												
24...	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<1	<0.01	0.49	<0.01	<0.01	<0.1
MAY												
02...	--	--	<0.001	--	--	--	--	--	0.50	--	--	--
16...	--	--	<0.001	--	--	--	--	--	0.58	--	--	--
30...	--	--	<0.001	--	--	--	--	--	1.2	--	--	--
JUN												
06...	--	--	E0.004	--	--	--	--	--	0.68	--	--	--
20...	--	--	0.006	--	--	--	--	--	2.0	--	--	--
JUL												
29...	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<1	<0.01	0.53	<0.01	<0.01	<0.1
AUG												
21...	--	--	<0.001	--	--	--	--	--	0.20	--	--	--
29...	--	--	<0.001	--	--	--	--	--	0.16	--	--	--
SEP												
16...	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<1	<0.01	0.10	<0.01	<0.01	<0.1
DATE	MALA- THION, TOTAL (µG/L) (39530)	MALA- THION, DIS- SOLVED (µG/L) (39532)	PARA- THION, TOTAL (µG/L) (39540)	PARA- THION, DIS- SOLVED (µG/L) (39542)	DI- AZINON, TOTAL (µG/L) (39570)	DI- AZINON, DIS- SOLVED (µG/L) (39572)	METHYL PARA- THION, TOTAL (µG/L) (39600)	ATRA- ZINE, WATER, DISS, REC (µG/L) (39632)	2,4-D, TOTAL (µG/L) (39730)	2,4,5-T TOTAL (µG/L) (39740)	MIREX, TOTAL (µG/L) (39755)	SILVEX, TOTAL (µG/L) (39760)
OCT 1995												
05...	<0.01	--	<0.01	--	<0.01	--	<0.01	0.070	<0.01	<0.01	<0.01	<0.01
DEC												
07...	--	<0.005	--	<0.004	--	0.005	--	0.140	--	--	--	--
FEB 1996												
08...	<0.01	<0.005	<0.01	<0.004	<0.01	<0.002	<0.01	0.061	0.02	<0.01	<0.01	<0.01
MAR												
28...	--	<0.005	--	<0.004	--	<0.002	--	0.130	--	--	--	--
APR												
24...	<0.01	<0.005	<0.01	<0.004	<0.01	0.006	<0.01	2.0	<0.01	<0.01	<0.01	<0.01
MAY												
02...	--	<0.005	--	<0.004	--	0.004	--	1.8	--	--	--	--
16...	--	<0.005	--	<0.004	--	0.006	--	1.8	--	--	--	--
30...	--	<0.005	--	<0.004	--	0.005	--	4.1	--	--	--	--
JUN												
06...	--	<0.005	--	<0.004	--	<0.002	--	2.1	--	--	--	--
20...	--	<0.005	--	<0.004	--	0.005	--	3.9	--	--	--	--
JUL												
29...	<0.01	<0.005	<0.01	<0.004	<0.01	<0.002	<0.01	1.1	0.02	<0.01	<0.01	<0.01
AUG												
21...	--	<0.005	--	<0.004	--	E0.003	--	0.503	--	--	--	--
29...	--	<0.005	--	<0.004	--	E0.003	--	0.418	--	--	--	--
SEP												
16...	<0.01	<0.005	<0.01	<0.004	<0.01	<0.002	<0.01	0.267	<0.01	<0.01	<0.01	<0.01

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E Estimated.

MISSISSIPPI RIVER DELTA
07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TOTAL TRI- THION (μG/L) (39786)	ALA- CHLOR, WATER, DISS, REC, (μG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (μG/L) (49260)	2, 4-DP TOTAL (μG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (μG/L) (82614)	METRI- BUZIN SENCOR WATER DISSOLV (μG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (μG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (μG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (μG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (μG/L) (82666)
OCT 1995												
05...	<0.01	<0.05	--	<0.01	<0.01	<0.05	--	--	--	--	--	--
DEC												
07...	--	0.009	<0.002	--	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
FEB 1996												
08...	<0.01	0.005	0.005	<0.01	<0.01	<0.004	<0.003	0.007	<0.004	<0.002	<0.007	<0.002
MAR												
28...	--	0.015	0.014	--	--	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
APR												
24...	<0.01	0.021	0.013	<0.01	<0.01	0.025	<0.003	E0.014	<0.004	<0.002	<0.007	<0.002
MAY												
02...	--	0.045	0.063	--	--	0.012	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
16...	--	0.035	0.110	--	--	0.020	<0.003	E0.003	<0.004	<0.002	<0.007	<0.002
30...	--	0.055	0.470	--	--	0.025	<0.003	E0.004	<0.004	<0.002	<0.007	<0.002
JUN												
06...	--	0.034	0.151	--	--	0.016	<0.003	E0.002	<0.004	<0.002	<0.007	<0.002
20...	--	0.100	0.310	--	--	0.046	<0.003	E0.003	<0.004	<0.002	<0.007	0.005
JUL												
29...	<0.01	0.032	0.031	<0.01	<0.01	0.008	<0.003	0.005	<0.004	<0.002	<0.007	0.005
AUG												
21...	--	0.011	0.015	--	--	0.006	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
29...	--	0.008	0.011	--	--	0.005	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
SEP												
16...	<0.01	<0.002	<0.002	<0.01	<0.01	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002
DATE	METHYL PARA- THION WAT FLT 0.7 U GF, REC (μG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (μG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (μG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (μG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (μG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (μG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (μG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (μG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (μG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (μG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (μG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (μG/L) (82678)
OCT 1995												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC												
07...	<0.006	<0.002	<0.004	E0.014	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
FEB 1996												
08...	<0.006	<0.002	<0.004	E0.008	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
MAR												
28...	<0.006	<0.002	<0.004	E0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
APR												
24...	<0.006	<0.002	<0.004	E0.010	<0.004	<0.003	<0.002	E0.036	<0.013	<0.003	<0.017	<0.001
MAY												
02...	<0.006	<0.002	<0.004	0.011	<0.004	<0.003	<0.002	E0.036	<0.013	<0.003	<0.017	<0.001
16...	<0.006	E0.004	<0.004	E0.010	<0.004	<0.003	<0.002	E0.016	<0.013	<0.003	<0.017	<0.001
30...	<0.006	0.006	<0.004	0.013	<0.004	<0.003	<0.002	E0.009	<0.013	<0.003	<0.017	<0.001
JUN												
06...	<0.006	<0.002	<0.004	E0.009	<0.004	<0.003	<0.002	E0.012	<0.013	<0.003	<0.017	<0.001
20...	<0.006	E0.002	<0.004	E0.006	0.0090	<0.003	<0.002	E0.016	<0.013	<0.003	<0.017	<0.001
JUL												
29...	0.006	<0.002	<0.002	0.015	0.020	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
AUG												
21...	0.006	<0.002	<0.004	E0.018	0.0065	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
29...	E0.005	<0.002	<0.004	0.013	0.0053	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001
SEP												
16...	<0.006	<0.002	<0.004	0.015	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001

< Actual value is known to be less than the value shown.

E Estimated.

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (μG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (μG/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (μG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (μG/L) (82682)	PENDI-METH- ALIN WAT FLT 0.7 U GF, REC (μG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (μG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (μG/L) (82685)	METHYL- AZIN- PHOS WAT FLT 0.7 U GF, REC (μG/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (μG/L) (82687)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70954)
OCT 1995											
05...	--	--	--	--	--	--	--	--	--	2.3	0.1
DEC											
07...	<0.004	E0.049	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	1.4	<0.1
FEB 1996											
08...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.7	<0.1
MAR											
28...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	--	--
APR											
24...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	1.3	<0.1
MAY											
02...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	2.9	<0.1
16...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.7	<0.1
30...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	1.3	0.1
JUN											
06...	<0.004	<0.003	<0.002	<0.002	0.0067	<0.003	<0.013	<0.001	<0.005	0.1	<0.1
20...	<0.004	<0.003	<0.002	<0.002	0.0080	<0.003	<0.013	<0.001	<0.005	0.4	<0.1
JUL											
29...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.6	<0.1
AUG											
21...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	E0.1	<0.1
29...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.9	<0.1
SEP											
16...	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	0.1	<0.1

DATE	SEDI-MENT, SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS-PENDED (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT			
05...	72	13300	96
DEC			
07...	365	88700	99
FEB 1996			
08...	394	338000	70
MAR			
28...	228	160000	96
APR			
24...	397	209000	99
MAY			
02...	288	--	77
30...	233	230000	51
JUN			
06...	165	166000	51
20...	281	303000	73
JUL			
29...	67	23000	99
AUG			
21...	63	24300	98
29...	44	21400	100
SEP			
16...	65	17900	99

< Actual value is known to be less than the value shown.
E Estimated.

MISSISSIPPI RIVER DELTA

0738153841 BAYOU EUGENE 10.1 MILES NORTHEAST OF LOREAUVILLE, LA

LOCATION.--Lat 30° 05'47", long 91° 34'46", in sec.8, T.11 S., R.9 E., St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 10.1 miles northeast of Loreauville.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1993 to current year.

GAGE.--Data logger with electromagnetic flowmeter, collecting stage, velocity, water temperature, pH, dissolved oxygen, specific conductance, and oxidation-reduction potential. Datum of gage is an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record. No gage heights published for periods Oct. 1-Dec. 31, Jan. 3-Feb. 5, July 22-30, and Aug. 16-Sept. 30 when below recordable stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 15.21 ft, Mar. 21, 1994, minimum recorded, 6.27 ft, Jan. 3, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 13.84 ft, June 8; minimum recorded, 6.27 ft, Jan. 3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	6.39	---	---	9.59	10.04	13.48	12.50	7.02	---
2	---	---	---	6.36	---	---	9.77	10.33	13.57	12.27	7.47	---
3	---	---	---	---	---	---	10.02	10.53	13.64	12.00	7.68	---
4	---	---	---	---	---	6.78	10.24	10.69	13.68	11.68	7.88	---
5	---	---	---	---	10.21	6.76	10.41	10.79	13.70	11.39	8.04	---
6	---	---	---	---	10.46	6.97	10.74	10.91	13.71	11.03	7.85	---
7	---	---	---	---	10.59	7.03	10.82	11.11	13.74	10.70	7.63	---
8	---	---	---	---	10.69	7.12	10.77	11.17	13.81	10.43	7.38	---
9	---	---	---	---	10.77	7.14	10.73	11.27	13.82	9.92	7.14	---
10	---	---	---	---	10.83	7.24	10.72	11.43	13.81	9.50	6.93	---
11	---	---	---	---	10.88	7.54	10.69	11.41	13.80	9.02	6.90	---
12	---	---	---	---	10.83	7.91	10.62	11.48	13.79	8.49	6.88	---
13	---	---	---	---	10.64	8.25	10.63	11.58	13.78	8.01	7.09	---
14	---	---	---	---	10.43	8.54	10.63	11.67	13.75	7.67	6.92	---
15	---	---	---	---	10.13	8.79	10.61	11.75	13.72	7.56	6.76	---
16	---	---	---	---	9.73	9.01	10.47	11.86	13.67	7.31	6.55	---
17	---	---	---	---	9.43	9.15	10.30	11.93	13.64	7.15	---	---
18	---	---	---	---	---	9.25	10.10	12.02	13.58	7.01	---	---
19	---	---	---	---	---	9.26	9.83	12.10	13.56	6.88	---	---
20	---	---	---	---	---	9.21	9.22	12.18	13.54	6.67	---	---
21	---	---	---	---	---	9.16	8.77	12.31	13.51	6.49	---	---
22	---	---	---	---	---	9.13	8.53	12.43	13.45	---	---	---
23	---	---	---	---	---	9.13	8.52	12.54	13.41	---	---	---
24	---	---	---	---	---	9.09	8.51	12.63	13.39	---	---	---
25	---	---	---	---	---	8.97	8.39	12.78	13.33	---	---	---
26	---	---	---	---	---	8.83	8.35	12.89	13.22	---	---	---
27	---	---	---	---	---	8.73	8.52	13.03	13.09	---	---	---
28	---	---	---	---	---	8.95	8.92	13.13	12.93	---	---	---
29	---	---	---	---	---	9.16	9.53	13.25	12.79	---	---	---
30	---	---	---	---	---	9.37	9.82	13.36	12.65	---	---	---
31	---	---	---	---	---	9.49	---	13.41	---	6.57	---	---
MEAN	---	---	---	---	---	---	9.83	11.87	13.52	---	---	---
MAX	---	---	---	---	---	---	10.82	13.41	13.82	---	---	---
MIN	---	---	---	---	---	---	8.35	10.04	12.65	---	---	---

MISSISSIPPI RIVER DELTA

0738153841 BAYOU EUGENE 10.1 MILES NORTHEAST OF LOREAUVILLE, LA--Continued

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1993 to current year.

pH: July 1993 to current year.

WATER TEMPERATURE: July 1993 to current year.

DISSOLVED OXYGEN: July 1993 to current year.

REMARKS.--Dissolved oxygen may show 10 percent error due to inaccuracies of meters. Extremes for current year for specific conductance, pH, water temperature, and dissolved oxygen are not published because the number of missing days of record exceeded 20% of the year. Water-quality monitor out of water Oct. 1 through Feb. 7, Feb. 28-Apr. 11, and July 14-Sep. 30.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 551 microsiemens, June 14, 1994, but may have been higher during period of missing record; minimum daily, 100 microsiemens, Jan. 14, 1994, but may have been lower during period of missing record.

pH: Maximum daily, 9.0 units, May 22, 1994, but may have been higher during period of missing record; minimum daily, 6.3 units, Jan. 14, 1994, but may have been lower during period of missing record.

WATER TEMPERATURES: Maximum daily, 33.4°C, July 12, 1996, but may have been higher during period of missing record; minimum daily, 2.6°C, Feb. 8, 1996, but may have been lower during period of missing record.

DISSOLVED OXYGEN: Maximum daily, 13.8 mg/L, Jan. 15, 1994, but may have been higher during period of missing record; minimum daily, 2.6 mg/L, July 13, 1996, but may have been 0.0 mg/L during period of missing record.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN
	FEBRUARY				MARCH				APRIL				MAY		
1	---	---	---		---	---	---		---	---	---		328	320	323
2	---	---	---		---	---	---		---	---	---		---	---	---
3	---	---	---		---	---	---		---	---	---		---	---	---
4	---	---	---		---	---	---		---	---	---		---	---	---
5	---	---	---		---	---	---		---	---	---		---	---	---
6	---	---	---		---	---	---		---	---	---		---	---	---
7	---	---	---		---	---	---		---	---	---		---	---	---
8	258	251	255		---	---	---		---	---	---		---	---	---
9	251	237	243		---	---	---		---	---	---		---	---	---
10	237	232	234		---	---	---		---	---	---		---	---	---
11	237	229	235		---	---	---		---	---	---		---	---	---
12	230	225	228		---	---	---		355	350	353		---	---	---
13	237	229	233		---	---	---		359	355	357		---	---	---
14	251	234	243		---	---	---		361	358	359		309	304	307
15	248	242	245		---	---	---		369	358	363		310	308	309
16	267	248	258		---	---	---		370	362	365		311	308	309
17	274	263	269		---	---	---		367	357	363		310	308	309
18	279	268	274		---	---	---		357	347	353		313	310	312
19	289	275	280		---	---	---		347	331	340		312	308	310
20	293	279	285		---	---	---		331	326	329		308	305	307
21	305	285	294		---	---	---		334	328	332		305	302	304
22	314	298	306		---	---	---		332	327	330		302	299	302
23	317	307	311		---	---	---		337	328	331		300	296	298
24	324	311	317		---	---	---		340	336	339		297	295	296
25	337	315	325		---	---	---		337	305	323		297	294	296
26	356	334	342		---	---	---		305	294	301		295	293	294
27	363	344	351		---	---	---		299	294	296		293	289	290
28	354	318	346		---	---	---		296	290	293		291	288	290
29	---	---	---		---	---	---		306	292	298		293	290	291
30	---	---	---		---	---	---		320	306	315		299	291	296
31	---	---	---		---	---	---		---	---	---		301	298	299
MONTH	---	---	---		---	---	---		---	---	---		---	---	---

MISSISSIPPI RIVER DELTA

0738153841 BAYOU EUGENE 10.1 MILES NORTHEAST OF LOREAUVILLE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN
		JUNE				JULY			AUGUST				SEPTEMBER		
1	311	301	308		376	365	371		---	---	---		---	---	---
2	310	306	308		390	376	384		---	---	---		---	---	---
3	306	304	305		396	390	394		---	---	---		---	---	---
4	313	305	310		397	393	396		---	---	---		---	---	---
5	319	313	316		396	393	395		---	---	---		---	---	---
6	324	318	321		400	394	396		---	---	---		---	---	---
7	330	324	327		410	400	405		---	---	---		---	---	---
8	331	328	330		415	408	412		---	---	---		---	---	---
9	331	327	330		417	410	413		---	---	---		---	---	---
10	327	323	325		433	416	426		---	---	---		---	---	---
11	323	319	322		442	433	440		---	---	---		---	---	---
12	---	---	---		439	434	437		---	---	---		---	---	---
13	---	---	---		447	428	438		---	---	---		---	---	---
14	---	---	---		---	---	---		---	---	---		---	---	---
15	---	---	---		---	---	---		---	---	---		---	---	---
16	---	---	---		---	---	---		---	---	---		---	---	---
17	---	---	---		---	---	---		---	---	---		---	---	---
18	---	---	---		---	---	---		---	---	---		---	---	---
19	---	---	---		---	---	---		---	---	---		---	---	---
20	---	---	---		---	---	---		---	---	---		---	---	---
21	---	---	---		---	---	---		---	---	---		---	---	---
22	---	---	---		---	---	---		---	---	---		---	---	---
23	---	---	---		---	---	---		---	---	---		---	---	---
24	---	---	---		---	---	---		---	---	---		---	---	---
25	---	---	---		---	---	---		---	---	---		---	---	---
26	351	350	350		---	---	---		---	---	---		---	---	---
27	350	349	349		---	---	---		---	---	---		---	---	---
28	355	349	352		---	---	---		---	---	---		---	---	---
29	359	354	357		---	---	---		---	---	---		---	---	---
30	365	359	362		---	---	---		---	---	---		---	---	---
31	---	---	---		---	---	---		---	---	---		---	---	---
MONTH	---	---	---		---	---	---		---	---	---		---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

[illegible]

[illegible]

MISSISSIPPI RIVER DELTA

0738153842 PIPELINE CANAL 13.7 MILES NORTHEAST OF LOREAUVILLE, LA

LOCATION.--Lat 30°04'54", long 91°31'52", in sec.15, T.11 S., R.9 E., St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 13.7 miles northeast of Loreauville.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1993 to current year.

GAGE.--Data logger with electromagnetic flowmeter, collecting stage and velocity. Datum of gage is an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 16.77 ft, May 10, 1994; minimum recorded, 5.88 ft, Oct. 27, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 14.61 ft, June 13; minimum recorded, 5.88 ft, Oct. 27.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

	MEAN VALUES											
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.98	7.26	7.32	8.10	9.15	---	10.18	14.10	13.25	7.94	7.50
2	6.31	6.18	---	7.43	8.54	8.99	---	10.42	14.20	13.08	8.03	7.44
3	6.44	7.09	7.16	7.49	9.03	8.90	---	10.65	14.31	12.85	8.14	7.38
4	6.54	7.15	7.12	7.52	9.46	8.80	10.40	10.86	14.38	12.59	8.26	7.33
5	6.54	7.12	7.06	7.49	9.86	8.72	10.54	11.02	14.42	12.31	8.36	7.26
6	---	7.08	7.02	7.48	10.23	8.65	10.73	11.14	14.45	12.04	8.54	7.20
7	---	7.09	6.97	7.45	10.58	8.55	10.93	11.28	14.50	11.78	8.70	7.14
8	---	7.07	6.92	7.40	10.85	8.49	---	11.43	14.57	11.57	8.76	7.08
9	6.37	7.03	6.89	7.36	11.00	8.45	---	11.54	14.57	11.31	8.72	7.02
10	6.34	---	6.84	7.32	---	8.44	11.18	11.67	14.57	10.98	8.69	6.97
11	6.29	7.15	6.81	7.27	11.22	8.46	11.20	11.82	14.57	10.68	8.79	6.92
12	---	7.16	6.77	7.22	11.26	---	11.20	11.86	14.58	10.38	8.86	6.87
13	---	7.11	6.72	7.17	---	---	11.20	11.90	14.59	10.10	8.81	6.80
14	6.21	7.08	---	7.13	---	---	11.18	11.99	14.57	9.86	8.73	6.75
15	6.18	7.04	---	7.09	---	---	11.15	12.08	14.52	9.63	8.64	6.71
16	6.15	---	---	7.05	---	---	11.10	12.18	14.46	9.44	8.56	6.69
17	6.10	6.96	---	7.03	10.75	---	11.05	12.28	14.41	9.30	8.46	6.69
18	---	6.93	7.53	---	10.55	---	10.97	12.37	14.36	9.17	8.36	6.64
19	6.06	6.90	7.70	6.97	10.35	9.62	10.87	12.47	14.34	9.03	8.27	6.58
20	6.02	7.06	7.69	6.99	10.15	9.70	10.71	12.56	14.32	8.90	8.21	6.53
21	---	7.11	7.65	7.01	9.99	9.76	10.45	12.66	14.26	8.78	8.16	6.54
22	5.98	7.12	7.59	---	---	9.80	10.21	12.78	14.23	8.65	8.14	6.62
23	5.95	---	7.52	7.04	---	---	10.01	12.91	14.20	8.54	8.09	6.59
24	5.92	7.14	7.45	7.05	9.69	---	9.86	13.03	14.18	8.44	8.01	6.54
25	5.90	7.22	7.39	7.08	9.65	---	9.78	13.17	14.13	8.36	7.93	6.49
26	5.89	---	7.32	7.17	---	---	9.70	13.33	14.00	8.30	7.86	6.44
27	5.89	7.32	7.26	7.25	---	9.81	9.64	13.50	13.87	8.21	7.79	6.40
28	5.91	7.34	7.20	7.37	9.38	9.79	9.64	13.66	13.73	8.11	7.72	6.50
29	---	7.34	7.15	7.52	9.25	9.79	9.75	13.79	13.56	8.02	7.66	6.83
30	---	7.31	7.11	7.69	---	9.86	9.96	13.92	13.40	7.94	7.61	6.88
31	5.93	---	7.19	7.87	---	---	---	14.01	---	7.89	7.56	---
MEAN	---	---	---	---	---	---	---	12.21	14.28	9.98	8.27	6.84
MAX	---	---	---	---	---	---	---	14.01	14.59	13.25	8.86	7.50
MIN	---	---	---	---	---	---	---	10.18	13.40	7.89	7.56	6.40

MISSISSIPPI RIVER DELTA

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.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1993 to current year.

GAGE.-- Data logger with electromagnetic flowmeter, collecting stage, velocity, water temperature, pH, dissolved oxygen, specific conductance, and oxidation- reduction potential. Datum of gage is an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record. No gage heights published for periods Oct. 1-4, Oct. 7-Nov. 4 when below recordable stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 12.70 ft, May 10, 11, 1994, minimum recorded, 1.98 ft, Sept. 28, 29, 30, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 10.65 ft, June 8-14; minimum recorded, 2.04 ft, Oct. 7.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	3.36	3.41	4.53	5.28	5.99	6.19	10.32	9.42	3.86	3.38
2	---	---	3.24	3.52	5.08	5.16	6.10	6.50	10.39	9.25	4.05	3.37
3	---	---	3.16	3.54	5.54	5.00	6.21	6.76	10.45	9.04	4.12	3.30
4	2.10	2.25	3.05	3.54	5.81	4.89	6.45	6.96	10.54	8.76	4.23	3.21
5	2.09	2.46	2.97	3.52	6.08	4.70	6.63	7.13	10.59	8.48	4.30	3.11
6	2.06	2.46	2.84	3.52	6.40	4.64	6.83	7.26	10.60	8.18	4.43	3.04
7	2.05	2.43	2.73	3.50	6.77	4.63	7.01	7.40	10.62	7.91	4.54	3.02
8	---	2.44	2.64	3.44	6.96	4.56	7.18	7.57	10.65	7.68	4.55	2.94
9	---	2.47	2.59	3.35	7.10	4.50	7.25	7.66	10.65	7.43	4.54	2.87
10	---	2.44	2.49	3.28	7.19	4.49	7.30	7.80	10.64	7.10	4.52	2.78
11	---	2.37	2.41	3.19	7.29	4.50	7.31	7.98	10.64	6.80	4.56	2.70
12	---	2.41	2.32	3.09	7.35	4.53	7.32	8.01	10.64	6.48	4.59	2.61
13	---	2.46	2.22	2.99	7.35	4.62	7.33	8.02	---	6.18	4.57	2.54
14	---	2.45	2.20	2.91	7.31	4.81	7.31	8.11	10.64	5.94	4.54	2.49
15	---	2.39	2.18	2.83	7.22	5.00	7.29	8.22	10.63	5.72	4.51	2.48
16	---	2.36	2.17	2.79	7.07	5.18	7.25	8.33	10.59	5.55	4.47	2.48
17	---	2.33	2.18	2.80	6.85	5.43	7.20	8.49	10.55	5.42	4.35	2.45
18	---	2.30	2.71	2.95	6.65	5.57	7.12	8.58	10.51	5.26	4.26	2.36
19	---	2.29	3.02	3.06	6.40	5.69	7.02	8.68	10.49	5.13	4.20	2.32
20	---	2.43	3.13	3.10	6.24	5.77	6.85	8.78	10.47	4.98	---	2.29
21	---	2.74	3.15	3.12	6.08	5.79	6.58	8.88	10.42	4.83	4.13	2.30
22	---	2.96	3.16	3.12	5.98	5.90	6.29	9.00	10.39	4.64	4.12	2.33
23	---	3.08	3.14	3.12	5.87	5.94	6.12	9.13	10.36	4.52	3.99	2.32
24	---	3.19	3.13	3.14	5.84	5.95	5.98	9.22	10.33	4.41	3.91	2.30
25	---	3.30	3.08	3.24	5.79	5.95	5.91	9.36	10.29	4.38	3.81	2.27
26	---	3.39	3.01	3.33	5.67	5.95	5.86	9.53	10.18	4.29	3.71	2.25
27	---	3.43	2.94	3.47	5.63	5.94	5.80	9.74	10.04	4.21	3.64	2.37
28	---	3.44	2.88	3.59	5.56	5.93	5.71	9.89	9.90	4.13	3.58	2.77
29	---	3.46	2.88	3.71	5.44	5.93	5.87	10.03	9.74	4.02	3.56	2.86
30	---	3.43	3.01	3.92	---	5.95	5.99	10.15	9.58	3.94	3.55	2.93
31	---	---	3.23	4.25	---	5.96	---	10.23	---	3.79	3.48	---
MEAN	---	---	2.81	3.30	6.31	5.29	6.64	8.37	---	6.06	---	2.68
MAX	---	---	3.36	4.25	7.35	5.96	7.33	10.23	---	9.42	---	3.38
MIN	---	---	2.17	2.79	4.53	4.49	5.71	6.19	---	3.79	---	2.25

MISSISSIPPI RIVER DELTA
0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1993 to current year.

WATER TEMPERATURE: August 1993 to current year.

pH: August 1993 to current year.

DISSOLVED OXYGEN: October 1993 to current year.

REMARKS.--Dissolved oxygen may show 10 percent error due to inaccuracies of meters. Extremes for current year for specific conductance, pH, water temperature, and dissolved oxygen are not published because the number of missing days of record exceeded 20% of the year. The water-quality monitor was out of the water October 1 through February 8, and August 21 through September 30 because of low water at the site.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 597 microsiemens, Jan. 17, 1995, but may have been higher during period of missing record; minimum daily, 203 microsiemens, May 3, 1996, but may have been lower during period of missing record.

pH: Maximum daily, 9.1 units, June 19, 1994, but may have been higher during period of missing record; minimum daily, 6.3 units, Apr. 7, 1995, May 10, 11, 1996, and June 26-29, 1996, but may have been lower during period of missing record.

WATER TEMPERATURES: Maximum daily, 33.6°C, July 23, 1996, and Aug. 5, 1996, but may have been higher during period of missing record; minimum daily, 6.7°C, Feb. 9, 1995, but may have been lower during period of missing record.

DISSOLVED OXYGEN: Maximum daily, 15.2 mg/L, Feb. 21, 1996, but may have been higher during period of missing record; minimum daily, 0.0 mg/L, several days in May 1995, but may have also occurred during period of missing record.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	364	339	347	359	353	356	379	289	323
2	---	---	---	355	345	350	357	354	356	357	265	313
3	---	---	---	372	350	356	358	346	353	330	203	268
4	---	---	---	365	351	357	348	279	339	344	320	331
5	---	---	---	360	353	355	348	234	290	361	343	351
6	---	---	---	361	353	357	348	279	336	363	352	356
7	---	---	---	359	348	353	337	332	335	366	302	358
8	---	---	---	352	347	349	363	334	348	381	341	372
9	355	343	349	351	346	348	366	341	359	398	372	378
10	353	346	350	355	348	351	380	360	369	393	376	385
11	359	350	355	367	351	359	388	371	379	391	377	388
12	365	356	360	369	360	363	392	377	384	384	359	368
13	364	360	361	369	359	363	395	386	390	366	355	360
14	364	359	361	364	360	363	406	393	399	360	353	357
15	366	362	364	371	362	366	402	391	397	358	347	354
16	365	359	362	375	370	372	395	384	388	349	338	344
17	360	355	358	375	367	371	389	378	382	341	331	335
18	384	354	363	368	357	363	381	374	378	333	327	330
19	375	341	351	361	354	357	393	378	384	328	317	323
20	347	339	342	360	352	358	407	388	396	320	313	317
21	361	335	348	360	354	357	415	396	406	315	309	312
22	368	346	356	358	348	355	419	407	413	315	308	311
23	383	349	367	357	353	355	418	403	410	314	309	311
24	381	357	369	358	354	356	409	394	401	311	306	309
25	376	357	370	360	352	356	415	390	405	310	304	307
26	375	366	371	358	351	354	412	395	407	307	303	305
27	374	363	368	357	350	354	433	277	371	305	298	301
28	369	357	362	362	353	358	426	297	416	300	296	298
29	359	348	355	362	356	360	416	310	401	304	297	301
30	---	---	---	364	354	357	388	374	379	303	299	301
31	---	---	---	362	352	356	---	---	---	301	300	301
MONTH	---	---	---	375	339	357	433	234	378	398	203	331

MISSISSIPPI RIVER DELTA

0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	307	301	304	340	337	339	319	313	316	---	---	---
2	310	305	307	341	338	340	318	315	317	---	---	---
3	314	309	311	341	337	339	323	317	319	---	---	---
4	319	313	316	342	338	340	387	322	355	---	---	---
5	319	317	318	343	338	341	405	387	399	---	---	---
6	319	316	317	344	338	342	415	404	409	---	---	---
7	321	316	319	347	341	344	411	399	406	---	---	---
8	324	318	321	344	337	341	404	391	398	---	---	---
9	329	322	325	343	336	339	397	389	393	---	---	---
10	334	329	332	352	337	341	395	374	387	---	---	---
11	339	333	336	347	341	344	377	341	360	---	---	---
12	338	334	336	347	341	343	341	296	316	---	---	---
13	339	330	332	344	337	341	296	283	288	---	---	---
14	342	328	330	342	337	340	285	275	281	---	---	---
15	330	326	327	346	334	339	279	260	270	---	---	---
16	328	326	327	344	340	342	265	253	259	---	---	---
17	330	327	329	343	334	338	258	249	253	---	---	---
18	332	327	330	339	334	335	253	248	251	---	---	---
19	333	326	330	341	337	338	253	245	251	---	---	---
20	328	324	326	342	338	340	250	245	247	---	---	---
21	326	323	324	341	338	339	---	---	---	---	---	---
22	334	324	330	341	339	340	---	---	---	---	---	---
23	343	332	339	341	337	339	---	---	---	---	---	---
24	346	339	343	341	332	336	---	---	---	---	---	---
25	345	335	340	335	332	333	---	---	---	---	---	---
26	343	337	340	334	328	331	---	---	---	---	---	---
27	346	341	343	335	326	328	---	---	---	---	---	---
28	345	342	343	327	319	323	---	---	---	---	---	---
29	344	340	342	322	316	319	---	---	---	---	---	---
30	342	337	340	321	317	319	---	---	---	---	---	---
31	---	---	---	320	314	318	---	---	---	---	---	---
MONTH	346	301	329	352	314	336	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	7.3	7.1	7.2	7.1	6.8	7.0	6.7	6.5	6.6
2	---	---	---	7.3	7.1	7.1	7.2	6.9	7.0	6.8	6.5	6.6
3	---	---	---	7.3	7.1	7.2	7.2	6.8	7.0	6.8	6.5	6.7
4	---	---	---	7.6	7.1	7.3	7.3	6.9	7.1	6.8	6.5	6.7
5	---	---	---	7.6	7.1	7.4	7.2	6.8	7.0	6.8	6.4	6.6
6	---	---	---	7.5	6.9	7.3	7.1	6.9	7.0	7.2	6.5	6.8
7	---	---	---	7.6	7.1	7.3	7.1	6.6	6.9	7.1	6.8	7.0
8	---	---	---	7.5	7.1	7.2	7.1	6.6	6.8	7.3	6.8	7.1
9	7.4	7.0	7.2	7.5	7.2	7.3	6.9	6.6	6.8	7.0	6.7	6.9
10	7.4	7.2	7.3	7.4	7.2	7.3	7.0	6.7	6.9	6.9	6.3	6.5
11	7.4	7.1	7.3	7.8	7.2	7.4	7.0	6.8	6.9	6.5	6.3	6.4
12	7.4	7.2	7.3	7.5	7.1	7.3	7.0	6.9	6.9	6.4	6.4	6.4
13	7.4	7.3	7.3	7.7	7.1	7.4	7.0	6.8	6.9	6.5	6.4	6.5
14	7.5	7.2	7.4	7.4	7.1	7.3	7.0	6.8	7.0	6.5	6.4	6.4
15	8.0	7.4	7.6	7.5	7.2	7.3	7.1	6.8	6.9	6.6	6.4	6.5
16	7.7	7.4	7.5	7.5	7.3	7.4	6.9	6.7	6.8	6.7	6.4	6.5
17	7.9	7.3	7.5	7.5	7.2	7.4	7.1	6.9	7.0	6.7	6.5	6.6
18	7.6	7.3	7.5	7.8	7.2	7.5	7.0	6.9	7.0	6.6	6.5	6.5
19	7.5	7.3	7.4	7.9	7.6	7.7	7.0	6.7	6.8	6.7	6.5	6.6
20	7.8	7.2	7.4	8.0	7.5	7.7	6.9	6.8	6.9	6.8	6.6	6.7
21	7.9	7.3	7.6	7.9	7.2	7.6	6.9	6.8	6.9	6.8	6.6	6.7
22	7.5	7.2	7.3	8.3	7.5	7.9	6.9	6.8	6.8	6.9	6.6	6.7
23	7.3	7.1	7.2	8.2	7.7	8.0	6.8	6.6	6.7	6.9	6.7	6.8
24	7.2	7.1	7.1	7.9	7.4	7.6	6.8	6.6	6.7	6.8	6.7	6.7
25	7.2	7.1	7.1	7.9	7.3	7.6	6.9	6.6	6.7	6.9	6.7	6.7
26	7.2	7.0	7.1	7.5	7.2	7.3	6.8	6.5	6.7	6.9	6.7	6.8
27	7.3	7.0	7.1	7.3	7.0	7.2	6.8	6.6	6.7	6.9	6.7	6.8
28	7.5	7.1	7.3	7.2	6.9	7.1	6.7	6.6	6.7	6.9	6.7	6.7
29	7.5	7.3	7.4	7.1	6.8	7.0	6.7	6.6	6.6	7.1	6.7	6.7
30	---	---	---	7.2	6.8	7.0	6.8	6.6	6.7	6.7	6.6	6.7
31	---	---	---	7.1	6.7	6.9	---	---	---	6.8	6.7	6.7
MONTH	---	---	---	8.3	6.7	7.4	7.3	6.5	6.9	7.3	6.3	6.7

MISSISSIPPI RIVER DELTA

0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	6.7	6.7	6.6	6.5	6.5	7.8	7.6	7.6	---	---	---
2	6.8	6.7	6.7	6.7	6.5	6.5	7.9	7.6	7.7	---	---	---
3	6.8	6.7	6.7	6.7	6.5	6.6	8.0	7.4	7.7	---	---	---
4	6.8	6.7	6.8	6.7	6.6	6.7	8.4	7.5	7.9	---	---	---
5	6.8	6.7	6.8	6.7	6.6	6.7	8.8	7.8	8.2	---	---	---
6	6.9	6.7	6.8	6.7	6.6	6.7	8.5	7.5	7.9	---	---	---
7	6.8	6.7	6.8	6.9	6.6	6.8	8.2	7.4	7.8	---	---	---
8	6.9	6.7	6.8	6.8	6.7	6.8	8.3	7.7	7.9	---	---	---
9	6.9	6.8	6.8	6.8	6.8	6.8	8.4	7.4	7.7	---	---	---
10	6.8	6.8	6.8	6.9	6.8	6.9	7.7	7.3	7.4	---	---	---
11	6.9	6.8	6.8	6.9	6.8	6.9	7.7	7.4	7.5	---	---	---
12	6.9	6.8	6.8	6.9	6.8	6.9	7.7	7.3	7.5	---	---	---
13	6.8	6.8	6.8	7.0	6.9	6.9	7.7	7.6	7.6	---	---	---
14	7.9	6.8	7.1	7.1	7.0	7.0	7.7	7.5	7.6	---	---	---
15	7.2	7.0	7.1	7.1	7.0	7.1	7.6	7.2	7.4	---	---	---
16	7.0	6.9	7.0	7.7	6.9	7.0	7.6	7.2	7.4	---	---	---
17	7.6	6.9	7.0	7.0	6.9	6.9	7.7	7.5	7.6	---	---	---
18	7.4	6.8	7.0	7.3	6.9	6.9	7.6	7.1	7.3	---	---	---
19	6.9	6.7	6.8	7.3	6.9	7.1	7.2	7.1	7.2	---	---	---
20	7.4	6.7	6.8	7.2	6.9	7.0	7.3	7.1	7.2	---	---	---
21	7.4	6.6	6.9	7.1	6.9	7.0	---	---	---	---	---	---
22	6.8	6.7	6.7	7.4	7.0	7.1	---	---	---	---	---	---
23	6.9	6.7	6.8	7.1	7.0	7.1	---	---	---	---	---	---
24	6.8	6.6	6.7	7.2	7.1	7.1	---	---	---	---	---	---
25	7.2	6.4	6.6	7.2	7.1	7.1	---	---	---	---	---	---
26	6.4	6.3	6.4	7.2	7.1	7.2	---	---	---	---	---	---
27	6.4	6.3	6.4	7.3	7.1	7.2	---	---	---	---	---	---
28	6.4	6.3	6.4	7.5	7.1	7.3	---	---	---	---	---	---
29	6.4	6.3	6.4	7.6	7.2	7.4	---	---	---	---	---	---
30	6.5	6.4	6.4	7.6	7.4	7.5	---	---	---	---	---	---
31	---	---	---	7.7	7.4	7.6	---	---	---	---	---	---
MONTH	7.9	6.3	6.8	7.7	6.5	7.0	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	14.2	12.8	13.3	20.2	18.4	19.3	23.1	21.9	22.4
2	---	---	---	14.4	11.8	13.0	19.2	18.2	18.6	22.6	21.6	22.0
3	---	---	---	15.5	12.9	14.2	19.4	18.0	18.7	22.5	21.6	22.0
4	---	---	---	17.1	14.4	15.8	18.8	17.9	18.4	23.8	22.4	22.9
5	---	---	---	18.2	16.7	17.4	19.0	17.5	18.3	25.2	23.4	24.0
6	---	---	---	19.6	18.2	19.0	17.9	16.6	17.1	25.8	24.5	25.0
7	---	---	---	19.6	14.2	17.0	16.6	15.8	16.1	26.2	25.3	25.6
8	---	---	---	14.2	11.2	12.2	16.9	15.7	16.2	27.4	25.6	26.4
9	7.8	6.7	7.2	12.2	10.0	10.8	17.8	15.9	17.0	27.3	26.2	26.7
10	8.5	7.5	8.0	12.9	9.3	10.9	19.6	17.6	18.5	27.7	26.0	26.8
11	12.6	8.2	9.7	13.2	9.9	11.4	20.6	18.8	19.7	27.2	25.5	26.7
12	11.7	9.5	10.6	15.2	11.1	12.9	21.1	19.4	20.2	26.5	25.4	25.7
13	11.4	10.3	10.7	16.4	13.0	14.4	20.9	20.4	20.6	25.6	25.4	25.6
14	11.9	10.7	11.2	17.5	14.7	16.0	22.4	20.8	21.6	26.3	25.4	25.7
15	13.3	11.9	12.4	19.9	16.5	17.7	22.4	21.1	21.7	26.1	25.8	25.9
16	12.4	11.1	11.7	18.9	17.6	18.2	21.3	20.4	20.8	25.9	25.5	25.7
17	11.7	10.4	10.9	18.4	15.6	17.4	21.2	20.4	20.8	25.6	25.4	25.5
18	12.5	10.6	11.3	17.7	15.3	16.4	20.8	20.1	20.5	25.7	25.4	25.5
19	13.3	12.0	12.6	15.9	14.4	15.0	22.1	20.5	21.1	25.7	25.3	25.4
20	14.9	13.2	13.7	15.0	13.6	14.3	23.9	21.7	22.6	25.7	25.3	25.5
21	17.1	14.5	15.7	15.3	13.2	14.1	25.1	23.0	24.0	25.8	25.3	25.5
22	18.1	16.6	17.2	15.9	13.6	14.4	25.0	23.8	24.4	26.0	25.3	25.6
23	18.4	17.3	17.8	17.2	14.9	16.1	25.0	23.7	24.3	26.2	25.7	26.0
24	19.6	18.0	18.8	17.7	16.1	17.0	24.3	22.7	23.5	26.3	25.8	26.0
25	20.8	19.1	19.8	20.4	17.6	18.7	25.0	22.9	23.9	26.3	25.9	26.1
26	21.3	20.2	20.7	19.0	16.3	17.5	25.1	23.7	24.4	26.3	26.1	26.2
27	21.9	20.8	21.3	17.4	15.7	16.3	28.1	24.2	25.7	26.3	25.9	26.0
28	21.6	18.4	20.5	18.3	16.9	17.6	26.7	25.1	25.9	26.2	25.8	26.0
29	18.4	14.2	16.1	19.0	17.4	18.1	25.5	23.4	24.7	26.4	25.6	26.0
30	---	---	---	20.4	18.1	18.8	23.4	22.0	22.5	25.7	25.2	25.4
31	---	---	---	20.8	19.3	20.1	---	---	---	25.8	25.5	25.6
MONTH	---	---	---	20.8	9.3	15.7	28.1	15.7	21.0	27.7	21.6	25.3

MISSISSIPPI RIVER DELTA

0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.9	25.6	25.8	28.7	28.1	28.4	30.8	29.9	30.3	---	---	---
2	26.3	25.7	25.9	29.1	28.5	28.7	30.4	29.4	29.8	---	---	---
3	26.4	26.1	26.2	29.4	28.7	29.0	31.5	29.1	30.0	---	---	---
4	26.3	25.9	26.1	29.6	28.9	29.2	33.0	29.7	31.1	---	---	---
5	26.2	25.8	25.9	30.0	29.2	29.5	33.6	30.6	31.7	---	---	---
6	26.1	25.7	25.9	30.3	29.5	29.8	32.2	30.5	31.0	---	---	---
7	26.1	25.8	25.9	30.8	30.0	30.4	30.6	29.7	30.2	---	---	---
8	26.0	25.6	25.7	30.4	29.0	29.6	31.8	29.1	30.2	---	---	---
9	25.8	25.5	25.6	29.4	28.7	29.0	32.7	30.1	31.0	---	---	---
10	25.6	25.4	25.5	30.1	28.9	29.4	32.1	29.8	30.7	---	---	---
11	25.9	25.4	25.5	30.6	29.3	30.0	30.5	28.1	29.0	---	---	---
12	25.9	25.6	25.7	31.2	29.9	30.6	29.1	27.2	28.0	---	---	---
13	25.7	25.5	25.6	31.3	30.4	30.7	29.7	27.3	28.3	---	---	---
14	25.9	25.0	25.3	30.7	29.7	30.2	30.2	27.8	28.7	---	---	---
15	25.3	24.9	25.0	30.8	29.4	30.1	30.5	28.4	29.3	---	---	---
16	25.5	25.1	25.2	31.9	28.0	30.3	31.1	28.9	29.9	---	---	---
17	25.8	25.4	25.6	30.2	29.3	29.7	32.0	29.3	30.4	---	---	---
18	26.0	25.6	25.8	31.1	28.8	29.9	31.9	29.5	30.6	---	---	---
19	26.2	25.6	25.9	31.6	29.4	30.4	32.0	29.3	30.5	---	---	---
20	25.8	25.4	25.5	32.0	30.3	31.1	31.1	29.1	30.0	---	---	---
21	26.1	25.6	25.8	32.7	30.5	31.4	---	---	---	---	---	---
22	26.6	26.0	26.3	32.8	30.7	31.7	---	---	---	---	---	---
23	26.5	26.2	26.4	33.6	30.8	32.0	---	---	---	---	---	---
24	26.4	25.9	26.2	32.9	30.7	31.5	---	---	---	---	---	---
25	26.2	25.8	26.0	31.4	30.0	30.7	---	---	---	---	---	---
26	26.7	26.1	26.4	30.2	28.7	29.2	---	---	---	---	---	---
27	27.3	26.7	27.0	31.1	27.8	29.3	---	---	---	---	---	---
28	27.5	26.9	27.2	31.0	28.9	29.7	---	---	---	---	---	---
29	27.8	27.3	27.5	31.1	28.4	29.8	---	---	---	---	---	---
30	28.3	27.6	27.9	31.8	29.1	30.5	---	---	---	---	---	---
31	---	---	---	32.6	29.9	31.0	---	---	---	---	---	---
MONTH	28.3	24.9	26.0	33.6	27.8	30.1	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	3.8	2.9	3.3	7.2	4.2	5.4	---	---	---
2	---	---	---	3.7	2.1	2.8	---	---	---	---	---	---
3	---	---	---	5.0	1.9	3.2	---	---	---	---	---	---
4	---	---	---	5.7	2.3	4.0	---	---	---	---	---	---
5	---	---	---	4.9	3.6	4.2	---	---	---	---	---	---
6	---	---	---	4.6	2.7	3.6	---	---	---	---	---	---
7	---	---	---	4.7	2.6	3.7	---	---	---	---	---	---
8	---	---	---	6.8	4.2	5.5	---	---	---	---	---	---
9	10.1	6.8	8.4	7.2	5.8	6.5	---	---	---	---	---	---
10	10.2	7.9	9.4	8.1	6.4	7.2	5.9	2.1	4.2	---	---	---
11	9.7	6.3	8.5	9.8	6.3	8.1	5.9	4.1	5.1	4.0	.6	1.9
12	9.9	7.1	9.0	9.8	7.8	8.8	5.1	3.8	4.6	3.7	.9	2.5
13	10.4	9.3	9.9	9.4	6.1	8.2	4.6	1.5	3.5	3.7	.6	2.1
14	12.1	9.4	11.0	9.0	6.9	8.1	4.6	1.3	3.0	2.2	.3	.7
15	14.9	11.2	12.8	11.0	6.8	8.4	4.1	1.5	3.0	3.5	.7	1.9
16	14.2	11.4	13.1	9.2	7.3	8.0	3.8	.9	2.1	4.1	.6	2.2
17	15.1	11.6	13.5	8.3	6.7	7.4	6.2	3.8	5.2	4.7	1.6	2.9
18	14.3	11.9	13.1	9.1	6.8	8.2	5.1	4.0	4.6	4.1	1.5	2.5
19	13.4	11.6	12.3	9.6	8.2	9.0	4.1	2.4	3.3	4.6	1.6	3.2
20	15.0	9.7	11.9	10.2	8.5	9.4	5.5	3.1	4.2	5.5	3.2	4.1
21	15.2	10.6	12.9	12.1	7.8	10.2	6.0	2.8	4.5	---	---	---
22	12.4	9.7	11.0	14.5	10.6	12.2	4.6	2.5	3.5	---	---	---
23	10.4	7.6	8.3	14.4	11.9	13.4	3.3	1.5	2.3	---	---	---
24	9.1	6.3	7.7	12.9	10.2	11.7	---	---	---	---	---	---
25	9.1	6.8	7.6	12.6	9.2	10.8	---	---	---	---	---	---
26	7.1	5.0	5.9	10.4	8.3	9.1	---	---	---	---	---	---
27	5.4	3.2	4.3	9.1	6.6	7.7	---	---	---	---	---	---
28	3.3	2.2	2.8	8.0	6.3	7.4	---	---	---	---	---	---
29	4.2	2.4	3.2	8.9	4.8	6.1	---	---	---	---	---	---
30	---	---	---	7.5	3.9	5.9	---	---	---	1.6	.8	1.1
31	---	---	---	7.6	4.3	5.8	---	---	---	1.5	.7	1.1
MONTH	---	---	---	14.5	1.9	7.4	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA
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.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to June 1975 (discharge measurements only), October 1976 to May 1986 (elevations and discharge measurements only), June 1986 to current year. Gage heights, May 1942 to September 1976 and discharge, 1942-46, 1949-55, and intermittently, 1957 to current year (collected in same vicinity) are in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is mean sea level. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records poor. No velocity record: Dec. 9-11, 19-29, Jan. 2-9, 12, 13, Jan. 18-Mar. 20, Mar. 30-Apr. 2, and July 20-23. 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, 7.80 ft, June 6, 1983, minimum, -1.15 ft, Dec. 23, 1989.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft, present datum, May 27, 1973, minimum, -2.82 ft, present datum, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans District).

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, recorded 191,000 ft³/s, June 3, may have been higher during period of missing record; minimum daily discharge 31,600 ft³/s, Oct. 2.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35700	41600	64600	75900	---	---	---	108000	183000	142000	69300	52800
2	31600	42900	64900	---	---	---	---	111000	190000	143000	74300	54800
3	42800	50800	62500	---	---	---	103000	116000	191000	139000	77200	55000
4	41500	43900	61400	---	---	---	106000	119000	186000	131000	79000	53100
5	32900	38300	59300	---	---	---	116000	119000	174000	118000	85200	54000
6	40000	38000	56500	---	---	---	124000	124000	182000	112000	76400	56100
7	40300	41900	58400	---	---	---	120000	145000	176000	104000	75000	52900
8	34100	43400	50100	---	---	---	117000	136000	181000	87500	73300	51800
9	36400	34500	---	---	---	---	119000	130000	177000	87700	70000	51800
10	37000	42500	---	56300	---	---	117000	134000	180000	81200	64500	53300
11	35200	56500	---	59700	---	---	116000	129000	186000	73300	62800	53600
12	34300	43400	49000	---	---	---	116000	135000	183000	64600	63000	53000
13	34900	41200	50700	---	---	---	112000	135000	176000	57000	68400	52600
14	45100	51600	46500	57500	---	---	113000	136000	177000	49900	70700	49700
15	37200	47100	48700	62400	---	---	126000	137000	186000	67900	64900	42600
16	38500	53100	46300	60400	---	---	119000	137000	179000	73400	59700	47100
17	42500	53800	47400	63400	---	---	114000	141000	179000	69100	54100	53500
18	42000	56300	47000	---	---	---	109000	148000	174000	63900	54900	48400
19	43100	61100	---	---	---	---	104000	148000	169000	66100	56600	45600
20	48000	68000	---	---	---	---	92300	148000	161000	---	52400	48900
21	44200	72600	---	---	---	94700	88700	152000	171000	---	49700	51900
22	40900	71200	---	---	---	92900	81200	155000	168000	---	49300	53500
23	43200	74500	---	---	---	90800	93000	150000	167000	---	52000	47600
24	44400	81100	---	---	---	82500	88800	155000	164000	57400	54400	43400
25	40700	74800	---	---	---	90400	83100	159000	167000	55800	54100	40600
26	40300	76300	---	---	---	99800	84700	162000	166000	51400	53200	38800
27	39600	74900	---	---	---	91100	88000	160000	161000	48700	51700	49100
28	46500	80400	---	---	---	93800	83800	167000	155000	46500	49900	57300
29	44100	73600	---	---	---	74900	101000	163000	150000	45000	50700	57400
30	43600	60800	70400	---	---	---	118000	174000	150000	52800	50900	49100
31	35500	---	75400	---	---	---	---	178000	---	61500	53400	---
TOTAL	1236100	1690100	---	---	---	---	4411000	5209000	---	1921000	1519300	---
MEAN	39870	56340	---	---	---	---	---	142300	173600	---	61970	50640
MAX	48000	81100	---	---	---	---	---	178000	191000	---	85200	57400
MIN	31600	34500	---	---	---	---	---	108000	150000	---	49300	38800

MISSISSIPPI RIVER DELTA
07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued
ELEVATION (IN FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.73	2.31	1.91	2.66	3.27	2.53	3.11	3.64	5.72	5.10	2.76	2.11
2	2.99	2.16	1.90	2.34	3.34	2.50	3.25	3.83	5.78	5.00	2.87	2.15
3	2.49	1.49	2.01	1.73	3.28	2.41	3.45	3.93	5.80	4.82	2.86	2.00
4	2.31	1.12	1.86	1.98	3.15	2.38	3.60	3.99	5.79	4.59	2.86	2.00
5	2.85	1.57	1.85	2.12	3.37	2.61	3.64	4.06	5.81	4.41	3.00	1.99
6	2.41	1.96	1.78	1.81	3.66	2.77	3.64	4.10	5.83	4.24	2.98	2.00
7	1.83	1.94	1.60	1.13	3.80	2.25	3.90	4.21	5.85	4.18	3.06	1.87
8	2.08	1.36	1.85	1.27	3.90	1.89	4.05	4.30	5.83	4.49	2.91	1.92
9	2.06	1.84	1.14	1.44	3.92	2.04	4.00	4.39	5.77	3.90	2.71	1.83
10	1.90	2.45	.93	1.25	3.96	2.12	4.04	4.47	5.81	3.53	2.58	1.73
11	1.85	1.84	1.48	1.60	3.94	2.27	4.07	4.43	5.87	3.36	2.66	1.66
12	2.07	1.73	1.55	1.29	3.88	---	4.03	4.29	5.92	3.15	2.60	1.81
13	2.34	1.97	1.71	1.34	3.86	---	4.08	4.41	5.92	3.00	2.76	1.82
14	1.68	1.43	1.75	1.54	3.78	---	4.04	4.47	5.88	3.03	2.47	1.98
15	1.56	1.76	1.64	1.62	3.71	---	3.98	4.62	5.83	2.95	2.51	2.61
16	2.12	1.55	1.67	1.81	3.31	---	3.75	4.65	5.78	2.85	2.46	2.80
17	2.06	1.63	1.94	---	3.22	---	3.85	4.72	5.74	2.98	2.44	2.06
18	2.22	1.94	2.58	---	3.11	---	3.85	4.78	5.73	3.04	2.45	1.82
19	2.33	2.01	2.10	---	3.19	---	3.71	4.79	5.76	2.88	2.34	1.99
20	1.89	2.19	1.56	---	3.09	---	3.68	4.87	5.73	2.62	2.38	2.16
21	1.81	2.09	1.90	---	2.97	2.80	3.39	4.93	5.67	2.50	2.51	2.63
22	2.22	2.21	1.60	---	2.93	2.86	3.49	4.93	5.64	2.30	2.96	1.90
23	2.18	2.50	1.50	---	2.87	3.03	3.19	4.98	5.59	2.08	2.94	2.22
24	1.88	2.10	1.60	2.07	2.87	3.25	2.97	5.07	5.60	2.08	2.73	2.08
25	2.07	2.19	1.51	2.06	2.84	3.22	3.25	5.19	5.57	2.20	2.63	2.16
26	2.24	2.34	1.24	2.83	2.85	2.85	3.15	5.35	5.46	2.25	2.55	2.58
27	2.59	2.56	1.40	2.39	2.88	3.01	2.97	5.54	5.38	2.37	2.49	2.65
28	1.93	2.21	1.41	2.53	2.46	3.18	3.38	5.57	5.28	2.38	2.36	2.41
29	1.79	1.87	1.66	2.77	2.28	3.18	3.65	5.53	5.22	2.42	2.23	2.15
30	1.72	1.83	2.12	2.83	---	3.42	3.28	5.56	5.16	2.68	2.25	2.36
31	2.45	---	2.45	2.94	---	3.34	---	5.64	---	2.72	2.11	---
MAX	2.99	2.56	2.58	---	3.96	---	4.08	5.64	5.92	5.10	3.06	2.80
MIN	1.56	1.12	.93	---	2.28	---	2.97	3.64	5.16	2.08	2.11	1.66

MISSISSIPPI RIVER DELTA
07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

REMARKS.--All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

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 1995 TO SEPTEMBER 1996

DATE	TIME	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	SETTLABLE MATTER (ML/L/HR) (50086)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND,	OXYGEN DEMAND,	COLI-FORM,		
			WATER WHOLE FIELD (STANDARD UNITS) (00400)						BIO-CHEMICAL, 5 DAY (MG/L) (00310)	CHEMICAL (HIGH LEVEL) (MG/L) (00340)	TOTAL, IMMEDIATE (COLS. PER 100 ML) (31501)		
DEC 1995													
04...	1230	467	7.76	11.0	15	12	<1	9.3	0.6	14	140		
JAN 1996													
30...	1200	406	7.73	8.0	20	70	<1	11.2	1.7	20	1600		
MAR													
26...	0800	347	7.55	9.0	15	30	<1	10.7	2.6	16	270		
APR													
23...	1100	349	7.70	18.0	20	60	<1	7.8	0.6	37	--		
JUL													
31...	0930	467	7.98	29.5	5	32	<1	7.5	1.3	14	K23		
SEP													
24...	1100	484	7.97	25.5	5	23	<1	7.2	--	20	K56		
DATE		COLI-FORM, FECAL, 0.7 µM-MF (COLS./100 ML) (31625)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM	MAGNE-	SODIUM,	POTAS-	ALKA-	SULFATE	CHLO-	FLUO-	SILICA,	SOLIDS,
				DIS-SOLVED (MG/L AS Ca) (00915)	SOLIUM, DIS-SOLVED (MG/L AS Mg) (00925)		SOLIUM, DIS-SOLVED (MG/L AS K) (00935)	LINITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)		RIDE, DIS-SOLVED (MG/L AS Cl) (00940)	RIDE, DIS-SOLVED (MG/L AS F) (00950)	DIS-SOLVED (MG/L AS SiO2) (00955)	AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
DEC 1995													
04...	24	160	42	14	25	3.5	114	69	26	0.2	6.7	288	
JAN 1996													
30...	500	140	37	11	26	2.8	91	52	35	0.2	6.8	234	
MAR													
26...	92	120	34	9.7	17	2.6	87	45	22	0.1	5.7	202	
APR													
23...	21	120	31	9.6	20	3.1	86	42	26	0.1	6.3	218	
JUL													
31...	K29	180	47	15	26	3.6	119	60	27	0.2	6.8	296	
SEP													
24...	K10	170	43	14	33	3.5	112	72	35	0.3	6.2	282	

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, SUM OF CONSTITUENTS, 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, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)
DEC 1995												
04...	260	30	0.01	0.01	1.2	1.2	0.04	0.03	0.40	0.27	0.13	0.13
JAN 1996												
30...	230	230	0.02	0.02	0.95	0.95	0.08	0.06	0.78	0.38	0.25	0.02
MAR												
26...	195	69	0.03	0.03	1.4	1.4	0.05	0.04	0.60	0.35	0.14	0.06
APR												
23...	195	130	<0.01	0.02	1.2	1.2	0.04	0.03	0.78	0.39	0.24	0.06
JUL												
31...	265	66	<0.01	<0.01	1.7	1.7	0.01	0.01	0.52	0.28	0.13	0.06
SEP												
24...	278	44	<0.01	<0.01	0.71	0.71	<0.01	<0.01	0.33	<0.20	0.12	0.06

DATE	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P) (70507)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ARSENIC TOTAL (MG/L) AS AS) (01002)	ARSENIC DIS- SOLVED (MG/L) AS AS) (01000)	BERYL- LIUM, TOTAL RECOV- ERABLE (MG/L) AS BE) (01012)	BERYL- LIUM, DIS- SOLVED (MG/L) AS BE) (01010)	CADMIUM TOTAL RECOV- ERABLE (MG/L) AS CD) (01027)	CADMIUM DIS- SOLVED (MG/L) AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (MG/L) AS CR) (01034)	CHRO- MIUM, HEXA- VALENT, DIS- SOLVED (MG/L) AS CR) (01032)	COPPER, TOTAL RECOV- ERABLE (MG/L) AS CU) (01042)	COPPER, DIS- SOLVED (MG/L) AS CU) (01040)
DEC 1995												
04...	0.09	0.08	1	1	0.6	<10	<1	<1	1	<1	4	3
JAN 1996												
30...	0.10	0.04	3	<1	<0.5	<10	<1	<1	5	<1	8	2
MAR												
26...	0.07	--	1	<1	<0.5	<10	<1	<1	2	<1	4	1
APR												
23...	0.11	0.05	3	<1	<0.5	<0.5	<1	<1	4	<1	6	2
JUL												
31...	0.09	--	3	2	<0.5	<0.5	<1	<1	2	<1	4	2
SEP												
24...	0.09	--	2	<1	<0.5	<0.5	<1	<1	1	<1	3	1

DATE	IRON, TOTAL RECOV- ERABLE (MG/L) AS FE) (01045)	IRON, DIS- SOLVED (MG/L) AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (MG/L) AS PB) (01051)	LEAD, DIS- SOLVED (MG/L) AS PB) (01049)	MANGA- NESE, TOTAL RECOV- ERABLE (MG/L) AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (MG/L) AS HG) (71900)	MERCURY DIS- SOLVED (MG/L) AS HG) (71890)	NICKEL, TOTAL RECOV- ERABLE (MG/L) AS NI) (01067)	NICKEL, DIS- SOLVED (MG/L) AS NI) (01065)	SELE- NIUM, TOTAL (MG/L) AS SE) (01147)	SELE- NIUM, DIS- SOLVED (MG/L) AS SE) (01145)	VANA- DIUM, DIS- SOLVED (MG/L) AS V) (01085)
DEC 1995												
04...	910	17	<1	<1	73	<0.1	<0.1	3	<1	<1	<1	1
JAN 1996												
30...	5300	7	7	<1	230	<0.1	--	8	1	<1	<1	<1
MAR												
26...	2100	10	4	<1	120	<0.1	<0.1	3	<1	<1	<1	<1
APR												
23...	4300	30	4	<1	210	<0.1	<0.1	6	<1	<1	<1	<1
JUL												
31...	1900	5	3	<1	130	<0.1	<0.1	4	1	<1	<1	2
SEP												
24...	1000	4	1	<1	86	<0.1	<0.1	4	<1	<1	<1	1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA
07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ZINC, TOTAL RECOVERABLE (µG/L AS ZN) (01092)	ZINC, DIS- SOLVED (µG/L AS ZN) (01090)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (µG/L) (32730)	OIL AND GREASE, TOTAL RECOVER GRAVI- METRIC (MG/L) (00556)	TRI- FLUR- ALIN, WATER, DISS, REC (µG/L) (04023)	PROP- CHLOR, WATER, DISS, REC (µG/L) (04024)	HEXA- ZINONE, WATER, DISS, REC (µG/L) (04025)	BUTA- CHLOR, WATER, DISS, REC (µG/L) (04026)	CAR- BOXIN, WATER, DISS, REC (µG/L) (04027)	BUTYL- ATE, WATER, DISS, REC (µG/L) (04028)
DEC 1995												
04...	30	17	4.8	<0.01	2	<1	--	--	--	--	--	--
JAN 1996												
30...	30	<10	9.0	<0.01	<1	<1	--	--	--	--	--	--
MAR												
26...	20	<4	5.8	<0.01	<1	<1	--	--	--	--	--	--
APR												
23...	20	<4	7.8	<0.01	<1	<1	--	--	--	--	--	--
JUL												
31...	10	10	6.7	<0.01	6	<1	--	--	--	--	--	--
SEP												
24...	6	<1	4.6	<0.01	3	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DATE	BRO- MACIL, WATER, DISS, REC (µG/L) (04029)	SIMA- TRYN, WATER, DISS, REC (µG/L) (04030)	SI- CLOATE, WATER, DISS, REC (µG/L) (04031)	TER- BACIL, WATER, DISS, REC (µG/L) (04032)	DIPHEN- AMID, WATER, DISS, REC (µG/L) (04033)	VERNO- LATE, WATER, DISS, REC (µG/L) (04034)	SI- MAZINE, WATER, DISS, REC (µG/L) (04035)	PRO- METRYN, WATER, DISS, REC (µG/L) (04036)	PRO- METON, WATER, DISS, REC (µG/L) (04037)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (µG/L) (04038)	DEETHYL ATRA- ZINE, WATER, DISS, REC (µG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (µG/L) (04041)
DEC 1995												
04...	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
JAN 1996												
30...	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
MAR												
26...	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
APR												
23...	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
JUL												
31...	--	--	--	--	--	--	0.06	<0.05	<0.05	0.06	0.16	0.3
SEP												
24...	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.2
DATE	AMETRYN WATER, DISS, REC, (µG/L) (38401)	PROP- AZINE WATER DISS REC (µG/L) (38535)	CHLOR- PYRIFOS TOTAL RECOVER (µG/L) (38932)	DI- SYSTON TOTAL (µG/L) (39011)	PHORATE TOTAL (µG/L) (39023)	PER- THANE TOTAL (µG/L) (39034)	DEF TOTAL (µG/L) (39040)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (µG/L) (39250)	ALDRIN, TOTAL (µG/L) (39330)	LINDANE TOTAL (µG/L) (39340)	CHLOR- DANE, TOTAL (µG/L) (39350)	
DEC 1995												
04...	<0.05	<0.05	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	
JAN 1996												
30...	<0.05	<0.05	--	--	--	--	--	--	--	--	--	
MAR												
26...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	
APR												
23...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	
JUL												
31...	<0.05	<0.05	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	
SEP												
24...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1	

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MISSISSIPPI RIVER DELTA
07381590 WAX LAKE OUTLET AT CALUMET, LA—Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	DDD, TOTAL (μG/L) (39360)	DDE, TOTAL (μG/L) (39365)	DDT, TOTAL (μG/L) (39370)	DI- ELDRIN TOTAL (μG/L) (39380)	ENDO- SULFAN, TOTAL (μG/L) (39388)	ENDRIN WATER UNFLTRD REC (μG/L) (39390)	ETHION, TOTAL (μG/L) (39398)	TOX- APHENE, TOTAL (μG/L) (39400)	HEPTA- CHLOR, TOTAL (μG/L) (39410)	METO- LACHLOR WATER DISSOLV (μG/L) (39415)	HEPTA- CHLOR EPOXIDE TOTAL (μG/L) (39420)
DEC 1995											
04...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01
JAN 1996											
30...	--	--	--	--	--	--	--	--	--	<0.05	--
MAR											
26...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01
APR											
23...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.29	<0.01
JUL											
31...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.39	<0.01
SEP											
24...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.08	<0.01

DATE	METH- OXY- CHLOR, TOTAL (μG/L) (39480)	PCB, TOTAL (μG/L) (39516)	MALA- THION, TOTAL (μG/L) (39530)	PARA- THION, TOTAL (μG/L) (39540)	DI- AZINON, TOTAL (μG/L) (39570)	METHYL PARA- THION, TOTAL (μG/L) (39600)	ATRA- ZINE, WATER, DISS, REC (μG/L) (39632)	2,4-D, TOTAL (μG/L) (39730)	2,4,5-T TOTAL (μG/L) (39740)	MIREX, TOTAL (μG/L) (39755)	SILVEX, TOTAL (μG/L) (39760)
DEC 1995											
04...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.05	0.03	<0.01	<0.01	<0.01
JAN 1996											
30...	--	--	--	--	--	--	<0.05	--	--	--	--
MAR											
26...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.06	0.03	<0.01	<0.01	<0.01
APR											
23...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.42	0.05	<0.01	<0.01	<0.01
JUL											
31...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.93	0.02	<0.01	<0.01	<0.01
SEP											
24...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	<0.01

DATE	TOTAL TRI- THION (μG/L) (39786)	ALA- CHLOR, WATER, DISS, REC, (μG/L) (46342)	ACETO- CHLOR, WATER FLTRD REC (μG/L) (49260)	2, 4-DP TOTAL (μG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (μG/L) (82614)	METRI- BUZIN SENCOR WATER DISSOLV (μG/L) (82630)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70954)
DEC 1995								
04...	<0.01	<0.05	--	<0.01	<0.01	<0.05	0.5	<0.1
JAN 1996								
30...	--	<0.05	--	--	--	<0.05	1.4	0.2
MAR								
26...	<0.01	<0.05	--	<0.01	<0.01	<0.05	1.9	0.1
APR								
23...	<0.01	<0.05	--	<0.01	<0.01	<0.05	1.7	<0.1
JUL								
31...	<0.01	<0.05	--	<0.01	<0.01	<0.05	0.7	<0.1
SEP								
24...	<0.01	<0.05	<0.05	<0.01	<0.01	<0.05	0.3	<0.1

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MISSISSIPPI RIVER DELTA
07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995					
12...	1440	31400	145	12300	99
25...	1600	32100	89	7740	99
NOV					
08...	1300	39800	96	10400	99
DEC					
01...	0915	58200	107	16800	99
04...	1230	54800	123	18300	99
JAN 1996					
04...	1230	61100	127	21000	100
17...	1230	44900	114	13900	100
30...	1200	88400	338	80800	97
FEB					
21...	1000	97800	323	85400	95
29...	1345	72200	234	45700	99
MAR					
14...	0840	103000	330	91700	100
26...	0800	98200	214	56600	100
APR					
10...	1200	123000	269	89200	91
23...	1100	88700	245	58600	100
MAY					
09...	0825	128000	257	88700	99
22...	1605	149000	211	85000	99
JUN					
05...	0830	175000	142	67300	100
JUL					
02...	1450	143000	160	61900	100
18...	1105	73900	255	50800	100
31...	0930	59300	238	38100	100
AUG					
14...	1300	70300	214	40600	100
28...	1300	50000	231	31200	100
SEP					
10...	1320	53000	189	27100	100
24...	1100	45000	151	18400	100

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA

(National stream-quality accounting network station)

LOCATION.--Lat 29°41'47", long 91°12'39", T. 15 S., R. 12 E., St. Mary Parish, on downstream side of bridge on U. S. Highway 90, 0.6 mi. upstream from Bayou Boeuf and 0.75 mi. southwest of Morgan City High School. Prior to October, 1992, 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.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to September 1975 (discharge measurements only), October 1976 to current year elevations and discharge measurements only; October 1995 to current year. 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 electromagnetic flowmeter. Satellite telemetry. Datum of gage is sea level. 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.

REMARKS.--Discharge and elevation affected by tide at all stages. Elevation for 1995 water year, published in 1995 report.

EXTREMES FOR PERIOD OF RECORD.--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 ft³/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.--Water Year 1995: Maximum daily discharge, recorded, 373,000 ft³/s, June 24; minimum daily discharge, recorded, 68,400 ft³/s, Oct. 1, may have been lower during period of missing record.

Water Year 1996: Maximum daily discharge, recorded, 265,000 ft³/s, June 15; may have been higher during period of missing record; minimum daily discharge, not determined.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)
Oct. 12, 1995	82,200	Jan. 31	153,000	Apr. 22	122,000	July 18	116,000
Oct. 25	95,000	Feb. 21	154,000	May 9	177,000	July 30	92,700
Nov. 8	90,900	Feb. 29	142,000	May 22	208,000	Aug. 14	107,000
Nov. 30	93,600	Mar. 12	110,000	June 5	235,000	Aug. 29	90,500
Dec. 5	94,900	Mar. 25	139,000	June 18	264,000	Sep. 10	71,900
Jan. 3, 1996	112,000	Apr. 10	172,000	July 2	199,000	Sep. 23	68,700
Jan. 17	100,000						

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68400	86400	---	117000	---	---	---	175000	237000	302000	114000	109000
2	82000	82100	---	---	---	---	---	---	245000	287000	112000	104000
3	85800	88800	121000	---	---	---	---	173000	231000	254000	124000	106000
4	75400	82300	132000	---	---	---	---	180000	238000	222000	118000	99800
5	76000	81100	132000	---	---	---	---	174000	252000	217000	112000	98700
6	70100	96400	127000	102000	---	---	---	172000	282000	219000	99600	99400
7	78100	85800	128000	91900	---	---	139000	162000	282000	215000	109000	97000
8	73000	87000	131000	96500	---	---	161000	155000	287000	205000	113000	93500
9	87800	88900	128000	106000	---	---	167000	194000	292000	203000	115000	94400
10	86100	97800	138000	101000	---	---	158000	182000	313000	207000	116000	93000
11	84200	108000	---	92100	---	---	169000	185000	310000	206000	116000	90800
12	81500	99100	---	89800	---	---	---	178000	308000	190000	119000	85800
13	73300	108000	---	95200	---	144000	---	181000	316000	186000	119000	86000
14	75400	99700	---	108000	---	183000	---	177000	309000	186000	122000	97800
15	71500	97400	123000	105000	---	182000	125000	172000	315000	177000	126000	86900
16	72900	---	127000	86200	---	183000	128000	171000	321000	174000	129000	89900
17	72600	---	132000	93300	143000	192000	109000	171000	334000	171000	142000	95500
18	69500	---	138000	107000	---	193000	104000	191000	327000	167000	129000	85300
19	75300	---	140000	102000	---	176000	120000	201000	339000	166000	127000	85900
20	79100	---	129000	---	---	196000	109000	191000	366000	153000	137000	84900
21	86000	---	122000	---	---	207000	123000	193000	345000	158000	125000	91500
22	82100	---	132000	---	---	210000	115000	193000	369000	152000	115000	92700
23	83600	106000	125000	---	---	203000	149000	175000	339000	167000	109000	85600
24	85400	112000	108000	---	---	183000	115000	178000	373000	152000	108000	82700
25	85900	118000	124000	---	---	168000	145000	184000	343000	153000	104000	79500
26	81300	121000	126000	---	---	183000	150000	209000	354000	143000	103000	82600
27	87500	115000	119000	---	---	213000	157000	211000	351000	137000	98600	83200
28	95400	131000	116000	---	---	217000	159000	211000	336000	129000	102000	89300
29	86100	138000	119000	---	---	227000	166000	211000	348000	121000	97000	79000
30	89100	---	102000	---	---	212000	170000	211000	316000	110000	98300	81900
31	102000	---	114000	---	---	183000	---	217000	---	111000	104000	---
TOTAL	2502400	---	---	---	---	---	---	---	9378000	5640000	3562500	2731600
MEAN	80720	---	---	---	---	---	---	---	312600	181900	114900	91050

MISSISSIPPI RIVER DELTA
07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86000	91800	112000	121000	---	141000	145000	153000	201000	---	---	---
2	82000	103000	105000	103000	---	141000	138000	159000	208000	---	---	---
3	91400	102000	106000	97600	---	134000	140000	159000	210000	207000	---	---
4	99000	90700	109000	110000	---	130000	142000	159000	232000	199000	---	---
5	91100	83000	115000	112000	---	127000	146000	168000	225000	188000	---	---
6	99500	83300	107000	125000	---	132000	152000	164000	221000	181000	---	---
7	91000	101000	105000	117000	---	140000	147000	167000	233000	177000	---	---
8	82600	90300	95200	110000	---	130000	156000	171000	251000	170000	---	---
9	86600	84100	108000	102000	---	133000	159000	171000	246000	159000	---	---
10	87500	89500	91500	105000	---	135000	170000	177000	249000	149000	---	---
11	79300	109000	89900	108000	---	146000	171000	192000	253000	---	---	---
12	80900	92800	92500	108000	---	124000	161000	198000	236000	---	---	---
13	80300	86700	95500	106000	---	142000	170000	204000	247000	---	---	---
14	95600	98200	91100	103000	---	151000	173000	189000	254000	---	---	---
15	85400	98200	95100	105000	---	153000	184000	195000	265000	---	---	---
16	89300	102000	93600	101000	---	162000	170000	191000	258000	---	---	---
17	89900	101000	92400	98200	---	166000	164000	181000	---	---	---	---
18	91900	101000	106000	113000	---	170000	171000	184000	---	---	---	---
19	92800	109000	118000	116000	---	177000	166000	186000	---	---	---	---
20	104000	112000	110000	103000	---	167000	162000	189000	---	---	---	---
21	78600	115000	96800	104000	---	153000	147000	190000	---	---	---	---
22	86100	114000	99700	104000	---	141000	139000	201000	---	---	---	---
23	88500	117000	99600	104000	149000	127000	155000	190000	---	---	---	---
24	95900	125000	99400	118000	145000	128000	141000	198000	---	---	---	---
25	87800	105000	99900	105000	139000	136000	140000	191000	---	---	---	---
26	91000	117000	98700	116000	137000	126000	145000	184000	---	---	---	---
27	93000	113000	106000	122000	140000	127000	139000	198000	---	---	---	---
28	98300	118000	107000	---	147000	126000	140000	210000	---	---	---	---
29	87900	113000	110000	---	145000	135000	150000	200000	---	---	---	---
30	92100	104000	112000	---	---	142000	158000	200000	---	---	---	---
31	80700	---	112000	---	---	146000	---	195000	---	---	---	---
TOTAL	2766000	3069600	3178900	---	---	4388000	4641000	5714000	---	---	---	---
MEAN	89230	102300	102500	---	---	141500	154700	184300	---	---	---	---

MISSISSIPPI RIVER DELTA
07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued
ELEVATION, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.29	11.24	12.31	13.73	17.62	14.50	17.68	18.39	---	---	13.89	13.12
2	11.45	11.24	12.32	13.62	18.32	14.43	17.92	18.74	---	---	14.17	13.13
3	11.32	10.90	12.23	13.26	18.22	14.40	18.29	18.95	---	---	14.32	13.12
4	11.17	10.43	12.07	12.85	18.19	14.34	18.58	19.15	---	---	14.44	13.06
5	11.38	10.41	11.93	12.91	18.46	14.28	18.75	19.24	---	---	14.56	13.02
6	11.21	10.69	11.61	12.84	18.86	14.57	19.23	19.37	---	---	14.46	13.00
7	10.82	10.98	11.42	12.49	18.98	14.65	19.30	19.64	---	---	14.35	12.91
8	10.75	10.70	11.30	12.36	19.04	14.77	19.13	19.66	---	---	14.25	12.81
9	10.75	10.70	11.22	12.04	19.14	14.79	19.02	19.77	---	---	14.16	12.72
10	10.64	11.21	10.83	11.77	19.19	14.88	18.99	20.00	---	---	14.09	12.71
11	10.42	11.60	10.90	11.82	19.19	15.24	18.95	19.87	---	---	14.09	12.64
12	10.51	11.11	11.08	11.77	19.02	15.70	18.80	19.94	---	---	14.10	12.59
13	10.88	11.09	11.14	11.86	18.69	16.14	18.83	20.02	---	---	14.23	12.57
14	10.84	11.28	10.97	12.06	18.39	16.49	18.84	20.02	---	---	14.19	12.57
15	10.51	11.39	10.89	12.19	17.96	16.78	18.78	20.06	---	---	14.14	12.68
16	11.07	11.56	10.88	12.19	17.41	17.06	18.57	20.16	---	---	14.04	12.80
17	11.20	11.78	11.13	12.74	17.10	17.22	18.31	20.05	---	---	13.84	12.67
18	11.34	12.20	11.91	13.21	16.67	17.32	18.06	---	---	---	13.77	12.54
19	11.53	12.48	12.62	12.90	16.33	17.29	17.69	---	---	---	13.76	12.52
20	11.37	12.93	12.31	12.87	16.25	17.21	16.82	---	---	---	13.66	12.66
21	11.08	13.07	12.07	12.77	16.13	17.14	16.28	---	---	---	13.57	12.83
22	11.14	13.23	11.82	12.74	16.14	17.09	16.05	---	---	---	13.62	12.72
23	11.24	13.48	11.53	12.95	16.31	17.09	16.12	---	---	---	13.64	12.69
24	11.02	13.58	11.51	13.21	16.22	17.00	16.18	---	---	13.18	13.60	12.58
25	11.03	13.40	11.22	13.31	16.05	16.83	16.06	---	---	13.15	13.57	12.56
26	11.13	13.39	11.13	13.92	15.88	16.64	16.02	---	---	13.09	13.51	12.74
27	11.49	13.49	11.57	14.59	15.65	16.52	16.29	---	---	13.04	13.43	12.92
28	11.19	13.37	12.27	15.04	15.30	16.88	16.87	---	---	13.05	13.30	13.01
29	11.00	13.00	12.72	15.47	14.88	17.17	17.72	---	---	13.09	13.21	13.02
30	10.87	12.43	13.13	16.10	---	17.45	18.11	---	---	13.37	13.18	13.15
31	11.18	---	13.57	16.91	---	17.58	---	---	---	13.62	13.14	---
MEAN	11.06	11.95	11.73	13.18	17.43	16.11	17.87	---	---	---	13.88	12.80
MAX	11.53	13.58	13.57	16.91	19.19	17.58	19.30	---	---	---	14.56	13.15
MIN	10.42	10.41	10.83	11.77	14.88	14.28	16.02	---	---	---	13.14	12.52

MISSISSIPPI RIVER DELTA
07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

REMARKS.--All dissolved constituents are results from water that has been filtered through 0.45 micron filters.

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 1995 TO SEPTEMBER 1996

		SPE- CIFIC CON- DUCT- ANCE (µS/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)	SETTLE- ABLE MATTER (ML/L/ HR) (50086)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	
DEC 1995												
05...	1030	468	7.80	11.5	10	35	<1	10.2	1.2	18	150	
JAN 1996												
31...	0900	397	7.99	7.0	10	80	<1	11.4	--	17	1600	
MAR												
25...	1000	350	7.83	11.0	30	50	<1	10.5	1.7	25	320	
APR												
22...	1210	354	7.76	19.5	20	75	<1	7.9	0.5	27	K56	
JUL												
30...	1230	476	7.98	29.5	5	43	<1	7.7	0.1	17	120	
SEP												
23...	1230	468	7.94	28.5	10	27	<1	8.1	0.8	27	120	
DATE	COLI- FORM, FECAL, 0.7 µM-MF (COLS./ 100 ML) (31625)	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)	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CaCO3 (00410)	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)
DEC 1995												
05...	K25	170	44	15	26	3.6	115	71	29	0.2	7.0	282
JAN 1996												
31...	380	140	37	11	23	2.8	99	52	31	0.2	6.6	236
MAR												
25...	K29	130	35	9.6	18	2.7	86	46	23	0.1	5.8	196
APR												
22...	K28	120	32	9.8	21	3.0	84	42	27	0.1	6.1	224
JUL												
30...	K24	180	46	15	28	3.6	122	61	32	0.2	7.1	302
SEP												
23...	K27	170	44	14	28	3.5	119	68	26	0.3	6.3	284

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, SUM OF CONSTITUENTS, 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, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
DEC 1995 05...	274	74	0.01	0.01	1.2	1.2	0.04	0.04	0.43	0.27	1.5	1.4
JAN 1996 31...	228	220	0.03	0.02	1.2	1.1	0.08	0.08	0.93	0.39	0.34	0.03
MAR 25...	198	110	0.03	0.03	1.4	1.4	0.04	0.03	0.62	0.27	0.19	0.05
APR 22...	196	130	0.01	0.02	1.1	1.1	0.04	0.02	0.78	0.41	0.23	0.07
JUL 30...	274	85	<0.01	<0.01	1.7	1.7	0.01	0.01	0.49	0.27	0.20	0.20
SEP 23...	265	30	<0.01	0.01	0.74	0.72	<0.01	<0.01	0.38	0.30	0.12	0.07
DATE	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ARSENIC TOTAL (µG/L AS AS) (01002)	ARSENIC DIS- SOLVED (µG/L AS AS) (01000)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	BERYL- LIUM, DIS- SOLVED (µG/L AS BE) (01010)	CADMIUM TOTAL RECOV- ERABLE (µG/L AS CD) (01027)	CADMIUM DIS- SOLVED (µG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L AS CR) (01034)	CHRO- MIUM, HEXA- VALENT, DIS. (µG/L AS CR) (01032)	COPPER, TOTAL RECOV- ERABLE (µG/L AS CU) (01042)	COPPER, DIS- SOLVED (µG/L AS CU) (01040)
DEC 1995 05...	1.4	1.4	2	1	0.6	<10	<1	<1	2	<1	6	3
JAN 1996 31...	0.10	0.05	3	<1	<0.5	<10	<1	<1	6	<1	8	2
MAR 25...	0.10	0.05	2	<1	0.5	<10	<1	<1	3	<1	5	1
APR 22...	0.11	0.05	3	<1	0.5	<0.5	<1	<1	4	<1	6	2
JUL 30...	0.10	0.09	3	2	<0.5	<0.5	<1	<1	2	<1	4	2
SEP 23...	0.09	0.08	2	<1	<0.5	<0.5	<1	<1	2	<1	3	2
DATE	IRON, TOTAL RECOV- ERABLE (µG/L AS FE) (01045)	IRON, DIS- SOLVED (µG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (µG/L AS PB) (01051)	LEAD, DIS- SOLVED (µG/L AS PB) (01049)	MANGA- NESE, TOTAL RECOV- ERABLE (µG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (µG/L AS HG) (71900)	MERCURY DIS- SOLVED (µG/L AS HG) (71890)	NICKEL, TOTAL RECOV- ERABLE (µG/L AS NI) (01067)	NICKEL, DIS- SOLVED (µG/L AS NI) (01065)	SELE- NIUM, TOTAL (µG/L AS SE) (01147)	SELE- NIUM, DIS- SOLVED (µG/L AS SE) (01145)	VANA- DIUM, DIS- SOLVED (µG/L AS V) (01085)
DEC 1995 05...	2000	8	2	<1	150	<0.1	<0.1	4	2	<1	<1	1
JAN 1996 31...	6000	8	7	<1	320	<0.1	--	9	1	<1	<1	<1
MAR 25...	3500	24	4	<1	200	<0.1	<0.1	5	<1	<1	<1	<1
APR 22...	4000	10	4	<1	200	<0.1	<0.1	5	2	<1	<1	<1
JUL 30...	2400	2	3	<1	170	<0.1	<0.1	4	1	<1	<1	2
SEP 23...	940	4	1	<1	74	<0.1	<0.1	4	1	<1	1	1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA
07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ZINC, TOTAL RECOV- ERABLE (µG/L AS ZN) (01092)	ZINC, DIS- SOLVED (µG/L AS ZN) (01090)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (µG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)	SI- MAZINE, WATER, DISS, REC (µG/L) (04035)	PRO- METRYN, WATER, DISS, REC (µG/L) (04036)	DEISO- PRO- METON, WATER, DISS, REC (µG/L) (04037)	DEETHYL PROPYL ATRAZIN WATER, DISS, REC (µG/L) (04038)	ATRA- ZINE, WATER, DISS, REC (µG/L) (04040)	CYANA ZINE, WATER, DISS, REC (µG/L) (04041)
DEC 1995												
05...	60	18	5.8	<0.01	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
JAN 1996												
31...	30	<10	7.7	<0.01	1	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
MAR												
25...	20	<4	6.4	<0.01	<1	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
APR												
22...	20	<4	8.9	<0.01	<1	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
JUL												
30...	30	4	6.7	<0.01	5	<1	0.06	<0.05	<0.05	0.08	0.16	0.3
SEP												
23...	8	5	4.6	<0.01	3	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DATE	AMETRYN WATER, DISS, REC (µG/L) (38401)	PROP- AZINE WATER DISS REC (µG/L) (38535)	CHLOR- PYRIFOS TOTAL RECOVER (µG/L) (38932)	DI- SYSTON TOTAL (µG/L) (39011)	PHORATE TOTAL (µG/L) (39023)	PER- THANE TOTAL (µG/L) (39034)	DEF TOTAL (µG/L) (39040)	NAPH- THA- LENES, POLY- CHLOR TOTAL (µG/L) (39250)	ALDRIN, TOTAL (µG/L) (39330)	LINDANE TOTAL (µG/L) (39340)	CHLOR- DANE, TOTAL (µG/L) (39350)
DEC 1995											
05...	<0.05	<0.05	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1
JAN 1996											
31...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1
MAR											
25...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1
APR											
22...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1
JUL											
30...	<0.05	<0.05	<0.01	<0.01	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1
SEP											
23...	<0.05	<0.05	<0.01	--	<0.01	<0.1	<0.01	<0.1	<0.01	<0.01	<0.1

DATE	DDD, TOTAL (µG/L) (39360)	DDE, TOTAL (µG/L) (39365)	DDT, TOTAL (µG/L) (39370)	DI- ELDRIN TOTAL (µG/L) (39380)	ENDO- SULFAN, TOTAL (µG/L) (39388)	ENDRIN WATER UNFLTRD REC (µG/L) (39390)	ETHION, TOTAL (µG/L) (39398)	TOX- APHENE, TOTAL (µG/L) (39400)	HEPTA- CHLOR, TOTAL (µG/L) (39410)	METO- LACHLOR WATER DISSOLV (µG/L) (39415)	HEPTA- CHLOR EPOXIDE TOTAL (µG/L) (39420)
DEC 1995											
05...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01
JAN 1996											
31...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01
MAR											
25...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.05	<0.01
APR											
22...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.31	<0.01
JUL											
30...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.35	<0.01
SEP											
23...	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	0.09	<0.01

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA
07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	METH- OXY- CHLOR, TOTAL (μG/L) (39480)	PCB, TOTAL (μG/L) (39516)	MALA- THION, TOTAL (μG/L) (39530)	PARA- THION, TOTAL (μG/L) (39540)	DI- AZINON, TOTAL (μG/L) (39570)	METHYL PARA- THION, TOTAL (μG/L) (39600)	ATRA- ZINE, DISS, REC (μG/L) (39632)	2,4-D, TOTAL (μG/L) (39730)	2,4,5-T TOTAL (μG/L) (39740)	MIREX, TOTAL (μG/L) (39755)	SILVEX, TOTAL (μG/L) (39760)
DEC 1995											
05...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.05	0.05	<0.01	<0.01	<0.01
JAN 1996											
31...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.05	0.04	<0.01	<0.01	<0.01
MAR											
25...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.05	0.03	<0.01	<0.01	<0.01
APR											
22...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.41	<0.01	<0.01	<0.01	<0.01
JUL											
30...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.85	0.02	<0.01	<0.01	<0.01
SEP											
23...	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	<0.01

DATE	TOTAL TRI- THION (μG/L) (39786)	ALA- CHLOR, DISS, REC (μG/L) (46342)	2, 4-DP TOTAL (μG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (μG/L) (82614)	METRI- BUZIN SENCOR WATER DISSOLV (μG/L) (82630)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (μG/L) (70954)
DEC 1995							
05...	<0.01	<0.05	<0.01	<0.01	<0.05	1.4	<0.1
JAN 1996							
31...	<0.01	<0.05	<0.01	<0.01	<0.05	1.4	0.3
MAR							
25...	<0.01	<0.05	<0.01	<0.01	<0.05	1.1	<0.1
APR							
22...	<0.01	<0.05	<0.01	<0.01	<0.05	2.2	<0.1
JUL							
30...	<0.01	<0.05	<0.01	<0.01	<0.05	0.5	<0.1
SEP							
23...	<0.01	<0.05	<0.01	<0.01	<0.05	0.2	<0.1

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)	DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SEDI- MENT, SUS- PENDE (MG/L) (80154)	SED. SUSP. DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995						MAY					
12...	1200	82200	138	30600	99	09...	1300	177000	171	81700	100
25...	1030	95000	104	26700	99	22...	0850	208000	171	96000	97
NOV						JUN					
30...	1200	93600	119	30100	100	05...	1120	235000	122	77400	98
DEC						JUL					
05...	1030	94900	131	33600	99	02...	1100	199000	272	146000	93
JAN 1996						18...	0840	116000	229	71700	100
03...	1200	112000	117	35400	100	30...	1230	92700	270	67600	99
17...	1200	100000	109	29400	100	AUG					
31...	0900	153000	354	146000	92	14...	0910	107000	242	69900	99
FEB						29...	0900	90500	186	45400	100
21...	1400	154000	280	116000	99	SEP					
29...	0930	142000	251	96200	98	10...	1045	71900	176	34200	100
MAR						23...	1230	68700	105	19500	100
25...	1000	139000	218	81800	98						
APR											
22...	1210	122000	277	91200	100						

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER DELTA

07381650 LOWER ATCHAFALAYA RIVER BELOW SWEETBAY LAKE, NEAR MORGAN CITY, LA

LOCATION.--Lat 29°33'06", long 91°14'41", in sec.21, T.17 S., R.12 E., St. Mary Parish, gage attached to wharf of Texas Oil Company at Mile 129.5 from head of Atchafalaya River via Atchafalaya Basin main channel, and 10.3 mi south of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to September 1996 (discontinued). October 1985 to September 1986 (elevations only). Elevations, February 1956 to September 1985 are in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 0.78 ft below sea level. Prior to Oct. 1, 1986, datum of gage was sea level.

REMARKS.--Gage heights affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.11 ft, Aug. 26, 1992; minimum gage height, -0.60 ft, Aug. 26, 1992.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation, 8.05 ft, June 27, 1957; minimum elevation, -1.55 ft, Nov. 6, 1959.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 4.50 ft, June 24; minimum recorded gage height, 0.97 ft., Dec. 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	2.12	2.83	2.73	2.46	2.51	2.95	4.11	3.93	2.86	2.44
2	---	---	2.13	2.54	2.58	2.46	2.57	3.01	4.10	3.90	2.91	2.49
3	---	---	2.25	1.96	2.49	2.35	2.68	3.07	4.10	3.80	2.85	2.34
4	---	---	2.15	2.19	2.30	2.30	2.78	3.10	4.08	3.67	2.79	2.35
5	---	---	2.15	2.29	2.45	2.63	2.78	3.15	4.12	3.58	2.86	2.33
6	---	---	2.12	1.99	2.65	2.77	2.64	3.14	4.14	3.51	2.89	2.33
7	---	---	1.90	1.31	2.81	2.19	2.93	3.21	4.16	3.57	3.00	2.23
8	---	---	2.18	1.47	2.93	1.74	3.12	3.28	4.05	3.94	2.90	2.29
9	---	---	1.43	1.65	2.92	1.83	3.07	3.37	4.03	3.45	2.75	2.23
10	---	---	1.36	1.51	2.96	1.87	3.13	3.37	4.06	3.22	2.67	2.12
11	---	---	1.77	1.89	2.92	1.98	3.21	3.30	4.15	3.15	2.75	2.07
12	---	---	1.85	1.59	2.88	2.26	3.17	3.16	4.25	3.04	2.70	2.24
13	---	---	2.06	1.59	2.90	2.34	3.21	3.27	4.23	2.95	2.77	2.24
14	---	---	2.16	1.77	2.90	2.50	3.27	3.28	4.20	3.04	2.53	2.36
15	---	---	2.01	1.84	2.96	2.69	3.08	3.44	4.17	2.95	2.58	2.98
16	---	---	2.05	2.05	2.63	2.78	2.96	3.43	4.15	2.90	2.56	3.17
17	---	---	2.29	2.42	2.62	2.90	3.10	3.52	4.12	3.06	2.61	2.49
18	---	---	2.89	2.84	2.59	3.16	3.19	3.54	4.15	3.13	2.64	2.25
19	---	---	2.35	1.96	2.81	2.56	3.15	3.53	4.20	2.98	2.54	2.37
20	---	---	1.85	2.24	2.73	2.23	3.28	3.60	4.14	2.78	2.60	2.49
21	---	---	2.14	2.29	2.62	2.26	3.10	3.59	4.10	2.68	2.75	2.88
22	---	---	1.85	2.10	2.58	2.27	3.32	3.57	4.11	2.54	3.19	2.28
23	---	---	1.84	2.35	2.48	2.49	2.89	3.58	4.07	2.33	3.18	2.52
24	---	---	1.91	2.25	2.48	2.83	2.74	3.64	4.14	2.30	2.98	2.42
25	---	---	1.87	2.14	2.48	2.76	3.05	3.71	4.09	2.39	2.89	2.47
26	---	---	1.62	3.02	2.55	2.40	2.86	3.90	3.99	2.46	2.81	2.82
27	---	---	1.73	2.34	2.67	2.71	2.74	4.07	3.98	2.61	2.76	2.89
28	---	---	1.60	2.40	2.23	2.73	3.06	3.95	3.94	2.64	2.67	2.63
29	---	---	1.81	2.61	2.08	2.72	3.09	3.88	3.95	2.68	2.55	2.37
30	---	---	2.24	2.58	---	2.89	2.65	3.93	3.92	2.87	2.58	2.52
31	---	---	2.59	2.53	---	2.76	---	4.01	---	2.86	2.45	---
MAX	---	---	2.89	3.02	2.96	3.16	3.32	4.07	4.25	3.94	3.19	3.17
MIN	---	---	1.36	1.31	2.08	1.74	2.51	2.95	3.92	2.30	2.45	2.07

MISSISSIPPI RIVER DELTA

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA

LOCATION.--Lat 31°00'00", long 92°22'46", in NW 1/4 SW 1/4 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 mi².

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 mean Gulf level (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.--Estimated daily discharges. Records fair. Slight regulation at low flow by Cocodrie Lake. Several measurements of water temperature were made during the year. Reverse flow: Nov. 13-15, 1922.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124	128	127	e950	864	153	153	409	e160	152	126	111
2	125	146	124	915	863	150	148	374	e170	139	124	110
3	233	170	123	913	863	144	142	328	162	133	122	109
4	296	212	121	901	855	138	136	286	129	127	118	108
5	356	241	119	881	837	135	128	250	120	122	117	107
6	366	253	137	863	816	139	132	218	115	120	117	107
7	336	289	162	845	792	171	133	193	103	120	119	106
8	301	284	175	833	766	177	134	172	95	120	121	107
9	269	249	e190	818	737	173	130	155	87	119	121	106
10	241	179	e210	795	701	168	125	143	84	119	121	105
11	218	197	e230	772	640	162	121	148	82	118	121	104
12	200	197	e260	746	568	157	118	144	76	116	121	103
13	185	206	e255	715	507	153	323	135	77	112	122	102
14	172	213	e240	667	456	150	552	127	102	111	121	100
15	161	214	e190	600	407	148	716	118	114	111	120	99
16	152	199	e150	535	359	144	730	106	121	114	119	99
17	144	186	e143	483	322	139	717	99	118	115	119	98
18	139	180	e400	442	292	140	679	94	111	115	118	96
19	137	170	e900	395	268	141	613	87	122	115	117	94
20	134	164	e1350	355	245	155	539	79	203	116	117	100
21	133	157	e1450	326	227	161	471	71	223	116	116	107
22	132	150	e1520	300	210	158	423	66	218	116	116	110
23	131	143	e1500	279	195	153	505	61	204	116	116	111
24	130	133	e1450	315	180	150	502	56	189	127	115	112
25	129	122	e1400	322	172	164	503	49	183	125	114	112
26	128	115	e1350	450	167	161	484	44	174	132	114	111
27	128	113	e1300	781	163	161	437	42	158	139	113	328
28	128	117	e1200	901	159	162	387	40	167	139	112	762
29	126	128	e1100	921	154	161	400	49	179	136	112	879
30	126	128	e1050	908	---	164	435	113	165	130	112	880
31	125	---	e1000	885	---	163	---	e140	---	129	111	---
TOTAL	5705	5383	19926	20812	13785	4795	11016	4396	4211	3819	3652	5583
MEAN	184	179	643	671	475	155	367	142	140	123	118	186
MAX	366	289	1520	950	864	177	730	409	223	152	126	880
MIN	124	113	119	279	154	135	118	40	76	111	111	94
AC-FT	11320	10680	39520	41280	27340	9510	21850	8720	8350	7570	7240	11070
CFSM	.77	.75	2.68	2.80	1.98	.64	1.53	.59	.58	.51	.49	.78
IN.	.88	.83	3.09	3.23	2.14	.74	1.71	.68	.65	.59	.57	.87

e Estimated

MISSISSIPPI RIVER DELTA

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 1996, BY WATER YEAR (WY)

MEAN	191	306	521	641	674	635	628	568	341	278	230	192
MAX	1174	1979	1738	1780	1379	1155	1672	4052	1175	1921	943	698
(WY)	1985	1986	1983	1983	1974	1992	1995	1953	1989	1989	1975	1979
MIN	53.6	56.0	66.4	103	128	155	118	81.4	57.4	63.1	65.4	58.1
(WY)	1953	1925	1925	1981	1981	1996	1963	1965	1960	1960	1948	1952

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1923 - 1996

ANNUAL TOTAL	204334	103083	
ANNUAL MEAN	560	282	434
HIGHEST ANNUAL MEAN			720
LOWEST ANNUAL MEAN			178
HIGHEST DAILY MEAN	3270	1520	25000
LOWEST DAILY MEAN	112	40	.00
ANNUAL SEVEN-DAY MINIMUM	114	49	31
INSTANTANEOUS PEAK FLOW		1520	28200
INSTANTANEOUS PEAK STAGE		unknown	26.72
INSTANTANEOUS LOW FLOW		36	a5.3
INSTANTANEOUS LOW STAGE		4.68	May 29
ANNUAL RUNOFF (AC-FT)	405300	204500	314200
ANNUAL RUNOFF (CFSM)	2.33	1.17	1.81
ANNUAL RUNOFF (INCHES)	31.67	15.98	24.55
10 PERCENT EXCEEDS	1300	784	974
50 PERCENT EXCEEDS	265	150	276
90 PERCENT EXCEEDS	128	107	87

a Regulated Flow

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.46	6.61	6.60	---	14.11	6.62	6.63	9.91	---	6.87	6.44	6.16
2	6.48	6.93	6.54	14.52	14.10	6.58	6.53	9.56	---	6.65	6.41	6.15
3	8.13	7.33	6.53	14.50	14.10	6.47	6.44	9.12	6.77	6.54	6.37	6.14
4	8.85	7.95	6.47	14.41	14.04	6.37	6.33	8.68	6.46	6.43	6.29	6.12
5	9.45	8.31	6.44	14.25	13.89	6.31	6.17	8.26	6.28	6.34	6.27	6.09
6	9.55	8.45	6.77	14.10	13.71	6.39	6.25	7.87	6.18	6.31	6.28	6.09
7	9.26	8.84	7.21	13.95	13.51	6.91	6.28	7.51	5.96	6.30	6.30	6.09
8	8.91	8.79	7.42	13.85	13.29	7.01	6.29	7.19	5.82	6.29	6.35	6.09
9	8.58	8.40	---	13.73	13.04	6.96	6.21	6.91	5.68	6.28	6.34	6.08
10	8.25	7.48	---	13.54	12.71	6.87	6.12	6.71	5.63	6.27	6.35	6.07
11	7.98	7.76	---	13.34	12.15	6.78	6.04	6.80	5.57	6.27	6.35	6.05
12	7.74	7.75	---	13.11	11.45	6.68	5.98	6.73	5.47	6.23	6.36	6.03
13	7.52	7.88	---	12.84	10.82	6.62	8.82	6.56	5.48	6.15	6.38	6.01
14	7.31	7.98	---	12.41	10.27	6.58	11.27	6.42	5.95	6.13	6.35	5.98
15	7.14	7.99	---	11.77	9.75	6.53	12.85	6.25	6.15	6.13	6.34	5.97
16	6.99	7.78	---	11.11	9.25	6.46	12.98	6.02	6.30	6.19	6.33	5.96
17	6.86	7.58	---	10.57	8.86	6.37	12.86	5.88	6.24	6.21	6.32	5.94
18	6.77	7.50	---	10.12	8.54	6.39	12.51	5.80	6.11	6.20	6.30	5.91
19	6.73	7.34	---	9.63	8.25	6.42	11.91	5.68	6.32	6.22	6.29	5.88
20	6.69	7.25	---	9.21	7.97	6.65	11.21	5.53	7.64	6.24	6.28	5.98
21	6.67	7.14	---	8.91	7.73	6.76	10.53	5.37	7.94	6.23	6.27	6.10
22	6.65	7.01	---	8.62	7.50	6.71	10.04	5.26	7.87	6.22	6.27	6.15
23	6.64	6.89	---	8.38	7.28	6.63	10.88	5.17	7.67	6.23	6.27	6.18
24	6.62	6.71	---	8.79	7.06	6.56	10.85	5.08	7.46	6.45	6.26	6.19
25	6.61	6.49	---	8.86	6.94	6.81	10.86	4.94	7.37	6.42	6.24	6.19
26	6.59	6.37	---	10.19	6.86	6.75	10.66	4.84	7.24	6.56	6.22	6.18
27	6.59	6.32	---	13.41	6.79	6.75	10.19	4.78	6.97	6.68	6.21	8.87
28	6.59	6.40	---	14.40	6.73	6.78	9.69	4.75	7.12	6.68	6.20	13.24
29	6.55	6.62	---	14.56	6.65	6.75	9.83	4.94	7.32	6.62	6.19	14.23
30	6.55	6.63	---	14.46	---	6.81	10.16	5.88	7.10	6.52	6.18	14.24
31	6.55	---	---	14.28	---	6.80	---	---	---	6.50	6.17	---
MAX	9.55	8.84	---	---	14.11	7.01	12.98	---	---	6.87	6.44	14.24
MIN	6.46	6.32	---	---	6.65	6.31	5.98	---	---	6.13	6.17	5.88

MISSISSIPPI RIVER DELTA

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA

LOCATION.--Lat 30°37'05", long 92°03'20", in SW 1/4 NW 1/4 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 mi². See REMARKS.

PERIOD OF RECORD.--July 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. 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 for estimated daily discharge: Oct. 16-Nov. 4, Nov. 8-9, 11-Dec. 3, no gage-height record; Nov. 18, 19, 21, 22, May 9, 10, 14, 17, 18, 23-26, 30, June 1, 2, 7, and 18, indefinite stage-discharge relationship; which are fair. Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 mi² 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.--50 years, 1,119 ft³/s, 810,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,490 ft³/s, May 21, 1953; maximum elevation, 35.29 ft, May 22, 1953; minimum discharge, 70 ft³/s, Oct. 19, 1973; minimum elevation, 10.72 ft, Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3970 ft³/s, Dec. 23, 24, elevation, 25.07 ft; maximum elevation, 25.86 ft, Dec. 20; minimum daily discharge, 44 ft³/s, May 28.

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

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	233	e900	e240	1470	3160	321	481	1200	e450	98	213	308
2	245	e1000	e230	1850	2940	280	395	788	e340	97	288	280
3	467	e1200	e220	1820	2880	271	360	513	312	96	225	321
4	1390	e1100	338	1640	2550	256	296	422	224	90	145	420
5	1600	672	410	1490	2050	242	272	428	153	119	129	434
6	1490	633	363	1460	1600	234	296	341	115	134	156	431
7	1320	457	341	1730	1390	403	298	346	115	108	233	423
8	1130	e400	334	1890	1310	447	339	340	272	75	196	409
9	903	e270	611	1860	1110	374	293	e320	173	99	180	405
10	649	206	878	1690	982	340	251	e430	149	106	301	428
11	481	e260	923	1460	945	305	194	498	124	109	325	419
12	414	e850	773	1270	853	260	161	396	96	105	309	375
13	393	e1000	635	1130	752	255	2310	235	82	94	296	334
14	408	e1100	566	990	664	270	2890	e180	176	94	233	327
15	341	e950	558	883	594	240	2770	145	249	107	240	328
16	e320	e900	533	807	543	217	2560	199	252	117	376	338
17	e310	e800	675	724	480	203	2260	e140	261	116	414	335
18	e285	e700	2160	627	391	236	1950	e90	282	119	406	333
19	e280	e600	3170	531	344	280	1650	60	252	133	395	328
20	e270	e500	3410	506	363	315	1310	194	500	133	408	335
21	e265	e420	3650	446	330	284	919	275	917	127	942	391
22	e260	e360	3830	527	316	235	691	100	837	113	752	371
23	e255	e280	3940	518	305	190	1590	e85	577	106	521	352
24	e254	e230	3950	734	278	222	2030	e80	396	180	437	355
25	e250	e180	3890	903	275	530	1740	e75	411	222	285	357
26	e245	e140	3710	1450	262	339	1370	e65	363	280	238	360
27	e244	e150	3320	3470	242	386	973	53	305	343	267	857
28	e243	e190	2730	3620	385	546	660	44	284	288	233	2850
29	e250	e300	2120	3690	372	534	934	140	211	277	315	3100
30	e360	e280	1680	3710	---	788	1710	e200	163	254	458	2740
31	e700	---	1490	3550	---	669	---	581	---	236	388	---
TOTAL	16255	17028	51678	48446	28666	10472	33953	8963	9041	4575	10304	19044
MEAN	524	568	1667	1563	988	338	1132	289	301	148	332	635
MAX	1600	1200	3950	3710	3160	788	2890	1200	917	343	942	3100
MIN	233	140	220	446	242	190	161	44	82	75	129	280
AC-FT	32240	33780	102500	96090	56860	20770	67350	17780	17930	9070	20440	37770
CAL YR 1995			TOTAL	530940	MEAN	1455	MAX	5870	MIN	95	AC-FT	1053000
WTR YR 1996			TOTAL	258425	MEAN	706	MAX	3950	MIN	44	AC-FT	512600

e Estimated

MISSISSIPPI RIVER DELTA
07382500 BAYOU COURTABLEAU AT WASHINGTON, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.45	---	---	18.39	23.06	18.02	18.64	19.91	18.60	18.42	18.63	18.58
2	18.37	---	---	19.34	22.44	17.75	18.32	19.50	18.58	18.48	18.63	18.56
3	18.53	---	---	19.75	22.42	18.07	18.37	19.00	18.47	18.48	18.21	18.42
4	19.37	---	16.82	19.36	21.70	18.31	18.30	18.61	18.51	18.47	18.35	18.51
5	19.87	18.83	16.81	18.98	20.47	18.37	18.21	18.51	18.46	18.47	18.38	18.54
6	19.73	18.16	16.78	18.85	19.49	18.40	18.24	18.50	18.41	18.48	18.59	18.54
7	19.48	18.20	16.67	18.87	19.37	18.52	18.26	18.45	18.51	18.46	18.57	18.59
8	19.17	---	16.58	19.45	18.64	18.68	18.30	18.49	18.55	18.42	18.41	18.52
9	18.85	18.52	17.20	19.34	18.31	18.65	18.42	18.49	18.54	18.43	18.45	18.48
10	18.62	18.37	18.11	18.62	18.93	18.56	18.43	18.41	18.50	18.44	18.54	18.48
11	18.52	---	17.99	18.23	18.99	18.48	18.37	18.51	18.53	18.44	18.64	18.48
12	18.52	---	17.09	18.68	18.83	18.41	18.34	18.78	18.50	18.43	18.58	18.51
13	18.53	---	16.98	18.94	18.64	18.39	20.36	18.73	18.50	18.42	18.50	18.47
14	18.48	---	16.87	18.82	18.43	18.39	23.05	18.62	18.61	18.40	18.50	18.45
15	18.39	---	16.65	18.67	18.18	18.37	22.90	18.49	18.68	18.40	18.42	18.44
16	---	---	16.74	18.35	17.84	18.34	22.44	18.44	18.71	18.42	18.57	18.44
17	---	---	17.66	17.76	17.44	18.33	21.74	18.42	18.68	18.41	18.60	18.46
18	---	18.37	23.31	17.55	17.17	18.33	20.81	18.35	18.65	18.44	18.59	18.44
19	---	18.39	25.68	17.24	17.51	18.40	19.98	18.29	18.48	18.45	18.57	18.43
20	---	---	25.83	16.99	17.54	18.51	19.77	18.27	18.77	18.47	18.56	18.45
21	---	18.33	25.62	17.33	17.45	18.50	19.39	18.33	19.16	18.48	19.09	18.52
22	---	---	25.27	17.74	17.63	18.44	18.96	18.42	19.00	18.46	18.86	18.35
23	---	---	24.87	17.75	17.71	18.37	19.01	18.43	18.77	18.44	18.54	18.39
24	---	---	24.49	18.34	17.70	18.33	20.59	18.42	18.68	18.47	18.66	18.44
25	---	---	24.06	18.79	17.69	18.68	20.66	18.42	18.68	18.59	18.48	18.44
26	---	---	23.46	19.03	17.65	18.55	20.04	18.42	18.60	18.51	18.37	18.43
27	---	---	22.62	23.71	17.59	18.44	19.44	18.41	18.53	18.49	18.45	19.23
28	---	---	21.36	24.81	18.95	18.56	18.90	18.41	18.50	18.49	18.45	22.87
29	---	---	19.96	25.03	18.81	18.63	18.48	18.41	18.44	18.50	18.58	23.56
30	---	---	18.91	24.71	---	19.29	19.39	18.42	18.45	18.50	18.88	22.85
31	---	---	18.41	24.06	---	19.13	---	18.31	---	18.46	18.70	---
MAX	---	---	---	25.03	23.06	19.29	23.05	19.91	19.16	18.59	19.09	23.56
MIN	---	---	---	16.99	17.17	17.75	18.21	18.27	18.41	18.40	18.21	18.35

MISSISSIPPI RIVER DELTA

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA

LOCATION.--Lat 31°01'59", long 91°58'57", in NE 1/4 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 Glaisses.

DRAINAGE AREA.--270 mi². 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 sea level (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 Glaisses diversion channel near Moreauville (station 07383510) used as auxiliary gage for this station since Apr. 17, 1972.

REMARKS.--Records good except for periods of no auxiliary record, December 19 and January 27-28, and periods of no base record, July 13-16, which are fair. Diversion channel carries natural flow of Bayou des Glaisses 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--53 years, 289 ft³/s, 318,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,340 ft³/s, May 18, 1953, gage height, 22.68 ft, present datum; minimum, 2.7 ft³/s, Oct. 13, 14, 15, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge 2,100 ft³/s, maximum gage height, 16.33 ft, Jan. 27; minimum daily discharge, 8.0 ft³/s, Jul. 16.

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

	MEAN VALUES											
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82	87	133	935	1070	75	122	706	284	57	198	109
2	75	209	117	1070	1290	82	98	575	168	51	161	92
3	106	378	101	940	1130	82	69	414	138	57	142	81
4	569	464	95	843	1060	102	66	286	141	47	111	89
5	638	397	99	642	1020	129	71	219	110	33	87	90
6	632	282	97	419	976	103	72	145	93	22	96	80
7	564	284	119	408	921	125	72	82	83	20	101	75
8	399	338	161	531	848	325	93	43	99	20	80	64
9	261	261	289	479	700	285	95	28	102	17	47	42
10	179	183	467	379	514	198	69	47	122	17	43	49
11	131	169	385	305	381	145	47	109	99	13	108	62
12	100	479	114	263	300	115	46	468	61	11	99	58
13	83	497	187	230	233	99	897	443	55	e10	150	42
14	77	362	77	203	190	87	995	275	144	e9.2	151	29
15	72	238	30	176	165	76	946	159	259	e8.4	134	33
16	64	151	42	158	158	74	942	83	370	e8.0	112	36
17	57	89	109	146	149	74	930	51	284	e20	97	37
18	53	54	1280	134	144	109	892	55	193	44	123	52
19	49	61	e1600	125	143	285	820	38	143	51	124	56
20	45	67	1330	120	139	347	684	31	529	58	89	59
21	45	68	1250	118	133	238	494	42	686	71	70	100
22	41	68	1270	137	116	161	370	49	714	81	58	164
23	38	69	1290	232	114	114	942	47	690	66	49	155
24	36	67	1300	716	130	94	929	68	554	48	73	106
25	35	62	1300	617	113	100	908	63	440	61	69	67
26	40	59	1280	1310	102	132	898	68	302	143	51	57
27	50	57	1240	e2100	98	152	851	66	209	166	45	522
28	59	56	1170	e1610	89	239	763	57	158	136	72	1380
29	65	65	1100	1340	76	249	714	50	122	116	67	1090
30	68	118	1030	1200	---	176	794	117	86	106	92	947
31	73	---	967	1120	---	133	---	391	---	152	117	---
TOTAL	4786	5739	20029	19006	12502	4705	15689	5275	7438	1719.6	3016	5823
MEAN	154	191	646	613	431	152	523	170	248	55.5	97.3	194
MAX	638	497	1600	2100	1290	347	995	706	714	166	198	1380
MIN	35	54	30	118	76	74	46	28	55	8.0	43	29
AC-FT	9490	11380	39730	37700	24800	9330	31120	10460	14750	3410	5980	11550
CAL YR 1995	TOTAL 205144			MEAN 562		MAX 5200		MIN 25		AC-FT 406900		
WTR YR 1996	TOTAL 105727.6			MEAN 289		MAX 2100		MIN 8.0		AC-FT 209700		

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MISSISSIPPI RIVER DELTA

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.52	2.64	3.01	8.09	8.87	2.30	2.68	6.75	3.97	2.12	3.33	2.62
2	2.46	3.60	2.87	8.84	10.04	2.37	2.46	5.94	3.09	2.05	3.03	2.46
3	2.71	4.91	2.75	8.12	9.20	2.37	2.17	4.89	2.85	2.12	2.88	2.36
4	6.12	5.51	2.71	7.56	8.80	2.55	2.14	3.99	2.87	2.02	2.64	2.44
5	6.57	5.05	2.74	6.35	8.58	2.78	2.19	3.49	2.63	1.85	2.41	2.44
6	6.57	4.19	2.72	4.93	8.32	2.56	2.20	2.91	2.47	1.70	2.50	2.35
7	6.16	4.20	2.90	4.85	8.01	2.74	2.20	2.37	2.38	1.66	2.55	2.30
8	5.06	4.61	3.22	5.66	7.59	4.27	2.42	1.96	2.53	1.66	2.35	2.19
9	4.02	4.02	4.24	5.32	6.71	3.98	2.43	1.78	2.55	1.62	2.01	1.95
10	3.37	3.40	5.43	4.65	5.55	3.33	2.17	2.01	2.73	1.62	1.96	2.03
11	2.99	3.29	4.68	4.13	4.67	2.91	1.94	2.59	2.52	1.55	2.60	2.17
12	2.75	5.60	2.65	3.82	4.09	2.67	1.93	5.24	2.16	1.51	2.52	2.13
13	2.61	5.73	3.23	3.57	3.60	2.53	7.73	5.08	2.09	---	2.94	1.95
14	2.56	4.79	2.31	3.37	3.27	2.42	8.43	3.91	2.89	---	2.95	1.79
15	2.51	3.84	1.82	3.16	3.07	2.31	8.15	3.02	3.79	---	2.83	1.84
16	2.44	3.14	1.95	3.01	3.01	2.29	8.13	2.37	4.59	---	2.64	1.88
17	2.37	2.65	2.56	2.91	2.94	2.30	8.06	2.06	3.97	1.66	2.51	1.90
18	2.32	2.34	9.58	2.82	2.90	2.61	7.84	2.09	3.29	1.98	2.73	2.07
19	2.28	2.41	12.44	2.75	2.89	3.97	7.43	1.91	2.89	2.05	2.74	2.11
20	2.23	2.47	10.22	2.71	2.86	4.43	6.61	1.83	5.63	2.13	2.44	2.14
21	2.23	2.48	9.82	2.69	2.81	3.62	5.42	1.95	6.63	2.26	2.25	2.53
22	2.19	2.48	9.93	2.84	2.68	2.99	4.59	2.04	6.80	2.36	2.12	3.06
23	2.14	2.48	10.04	3.57	2.66	2.60	8.11	2.01	6.65	2.21	2.03	2.98
24	2.12	2.47	10.10	6.80	2.79	2.42	8.05	2.23	5.81	2.02	2.28	2.59
25	2.10	2.42	10.10	6.20	2.65	2.48	7.93	2.18	5.07	2.15	2.24	2.22
26	2.16	2.39	10.00	9.22	2.56	2.76	7.87	2.23	4.11	2.89	2.05	2.12
27	2.29	2.37	9.76	15.56	2.52	2.93	7.61	2.21	3.41	3.08	1.99	5.25
28	2.39	2.36	9.43	12.37	2.43	3.63	7.09	2.12	3.01	2.84	2.27	10.45
29	2.45	2.45	9.03	10.29	2.31	3.70	6.79	2.04	2.72	2.68	2.22	8.96
30	2.48	2.89	8.64	9.56	---	3.12	7.28	2.62	2.41	2.59	2.46	8.16
31	2.53	---	8.27	9.14	---	2.77	---	4.74	---	2.95	2.69	---
MAX	6.57	5.73	12.44	15.56	10.04	4.43	8.43	6.75	6.80	---	3.33	10.45
MIN	2.10	2.34	1.82	2.69	2.31	2.29	1.93	1.78	2.09	---	1.96	1.79

MISSISSIPPI RIVER DELTA

07384400 STATE CANAL NEAR KROTZ SPRINGS, LA

LOCATION.--Lat 30°33'57", long 91 49'53", in SW 1/4 NW 1/4 sec.2, T.6 S., R.6 E., St. Landry Parish, Hydrologic Unit 08080101, on downstream side of bridge on U.S. Highway 71, 1.7 mi upstream from Slow Bayou, 2.0 mi northwest of the junction of U.S. Highways 71 and 190, and 5.0 mi northwest of town of Krotz Springs.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Annual peaks, water years 1960-67, October 1967 to current year (gage heights above 9.9 ft only).

GAGE.--Water-stage recorder. Datum of gage is 2.55 ft above sea level. Crest-stage gage prior to 1967 at datum 2.55 ft lower.

REMARKS.--No gage heights recorded below 9.99 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.64 ft, May 27, 1973; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.71 ft, Dec. 20; minimum, 11.28 ft, Oct. 2.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.30	11.52	12.05	14.42	15.48	14.77	13.94	13.07	12.76	13.24	12.71	13.07
2	11.30	12.37	11.97	14.40	15.49	14.54	13.67	12.98	12.96	13.11	13.24	12.97
3	11.51	14.16	11.90	14.31	15.47	14.24	13.43	12.90	13.07	12.97	13.26	12.84
4	11.62	14.36	11.85	14.24	15.35	13.91	13.23	12.82	13.15	12.84	13.24	12.73
5	11.63	14.21	11.78	14.12	15.18	13.67	13.05	12.73	13.17	12.71	13.11	12.62
6	11.65	14.02	11.72	14.03	14.92	13.56	13.03	12.64	13.17	12.60	13.07	12.49
7	11.68	13.90	11.68	14.03	14.58	13.46	12.99	12.58	13.19	12.49	13.43	12.36
8	11.72	13.87	11.61	13.91	14.37	13.37	12.94	12.59	13.32	12.38	13.33	12.23
9	11.76	13.79	11.64	13.85	14.16	13.27	12.87	12.58	13.34	12.29	13.13	12.14
10	11.78	13.66	11.61	13.82	13.90	13.19	12.77	12.52	13.38	12.19	12.99	12.05
11	11.79	13.61	11.65	13.71	13.70	13.14	12.67	12.48	13.42	12.09	12.90	11.95
12	11.79	13.52	11.96	13.53	13.53	13.08	12.61	12.49	13.46	11.99	13.08	11.84
13	11.82	13.42	12.04	13.38	13.38	13.02	14.47	12.53	13.55	11.91	13.20	11.74
14	11.89	13.31	12.01	13.26	13.26	12.95	15.16	12.58	13.60	11.83	13.13	11.66
15	11.87	13.21	11.97	13.17	13.17	12.89	15.18	12.55	13.66	11.76	13.01	11.61
16	11.83	13.09	12.01	13.08	13.06	12.83	15.06	12.51	13.68	11.68	12.89	11.55
17	11.80	12.96	12.79	12.98	12.96	12.78	14.88	12.49	13.67	11.61	12.78	11.53
18	11.76	12.87	15.63	12.89	12.90	12.74	14.67	12.46	13.68	11.55	12.67	11.48
19	11.73	12.78	16.59	12.79	12.86	12.69	14.41	12.39	13.70	11.50	12.56	11.42
20	11.69	12.79	16.70	12.68	12.82	12.64	14.06	12.31	13.66	11.48	12.46	11.41
21	11.64	12.81	16.68	12.61	12.76	12.56	13.78	12.25	13.62	11.48	12.43	11.61
22	11.60	12.76	16.60	12.54	12.70	12.48	13.56	12.19	13.59	11.45	12.38	11.79
23	11.57	12.69	16.49	12.49	12.65	12.40	13.63	12.15	13.62	11.43	12.32	11.80
24	11.54	12.62	16.34	12.53	12.61	12.38	13.78	12.13	13.72	11.46	12.25	11.78
25	11.51	12.53	16.14	12.66	12.58	12.43	13.92	12.15	13.82	11.49	12.18	11.74
26	11.48	12.45	15.89	13.16	12.55	12.48	13.93	12.16	13.77	11.62	12.10	11.68
27	11.47	12.38	15.64	14.57	12.52	12.51	13.80	12.17	13.67	11.78	12.04	11.94
28	11.52	12.32	15.37	15.17	13.88	12.51	13.62	12.21	13.58	11.90	12.08	13.51
29	11.49	12.22	15.07	15.49	14.80	12.51	13.47	12.30	13.48	12.18	12.15	14.14
30	11.50	12.13	14.78	15.58	---	13.48	13.25	12.44	13.35	12.36	12.66	14.23
31	11.52	---	14.53	15.56	---	14.11	---	12.54	---	12.49	13.09	---
MAX	11.89	14.36	16.70	15.58	15.49	14.77	15.18	13.07	13.82	13.24	13.43	14.23
MIN	11.30	11.52	11.61	12.49	12.52	12.38	12.61	12.13	12.76	11.43	12.04	11.41

MISSISSIPPI RIVER DELTA

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 mi². See REMARKS.

PERIOD OF RECORD.--April 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. 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. 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 Glaisses 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 mi², 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--47 years, 885 ft³/s, 641,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,630 ft³/s, May 24, 1953; maximum elevation, 24.27 ft, May 23, 1953; minimum discharge, 53 ft³/s, Aug. 12, 1965; minimum elevation, 6.78 ft, Oct. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,830 ft³/s, Nov. 5, Sep. 28; maximum elevation, 20.48 ft, Dec. 19; minimum discharge, 680 ft³/s, Dec. 16; minimum elevation, 12.42 ft.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	990	985	779	873	1180	1160	1040	1070	1050	1000	1060	1050
2	984	1250	783	922	1210	1010	984	1060	1030	1010	1060	1040
3	1040	745	763	948	1210	992	982	1030	1030	1020	982	1010
4	1010	1030	743	939	1120	1020	982	994	1030	1020	982	1010
5	1030	1830	726	901	1020	1020	977	999	1030	1020	991	1010
6	1040	1600	727	947	935	1060	1100	999	1020	1020	1020	1010
7	1030	1360	716	850	989	1030	1030	996	1030	1020	1030	1020
8	1020	1210	701	866	905	1040	984	1010	1060	1020	999	1010
9	1000	1100	737	881	846	1040	989	1010	1030	1010	1010	1020
10	991	1030	824	787	961	1030	994	999	1030	1010	1020	1010
11	987	1010	882	743	1010	1020	987	1070	1030	1000	1030	1000
12	988	1020	752	846	1010	1010	982	1080	1060	990	1050	1010
13	999	1030	720	950	992	1010	1590	1050	1080	990	1040	1010
14	1030	1030	715	979	973	1000	1600	1020	1060	987	1020	1010
15	987	1010	690	973	942	1000	1370	999	1060	995	1000	1010
16	975	983	680	946	896	1000	1230	1000	1060	994	1010	1030
17	984	938	853	863	844	1010	1140	996	1050	989	1020	1040
18	989	972	e1150	829	797	999	1060	987	1050	995	1020	1010
19	990	993	1270	794	828	1000	1000	982	1040	999	1020	1000
20	988	1050	1310	749	853	1010	1050	980	1040	1000	1020	1040
21	982	1020	1360	774	846	1020	1050	994	1060	1010	1030	1180
22	984	993	1350	838	871	1020	1020	1000	1060	1020	1020	1070
23	986	993	1810	860	908	1010	1110	1010	1080	1020	987	1020
24	982	990	1700	897	912	1000	1150	1010	1160	1020	1010	1020
25	980	984	1490	972	914	1020	1100	1010	1130	1060	1020	1010
26	980	983	1310	982	912	1030	1050	1010	1050	1040	996	1010
27	983	966	1190	1370	908	1010	1030	1010	1020	1000	1000	1290
28	993	865	1070	1370	1240	999	996	1020	1020	997	1020	1830
29	985	741	961	1340	1300	1010	963	1030	1010	1010	1040	1800
30	997	731	869	1310	---	1170	1020	1010	1010	1010	1130	1590
31	978	---	817	1250	---	1130	---	1020	---	1010	1110	---
TOTAL	30882	31442	30448	29549	28332	31880	32560	31455	31470	31286	31747	33170
MEAN	996	1048	982	953	977	1028	1085	1015	1049	1009	1024	1106
MAX	1040	1830	1810	1370	1300	1170	1600	1080	1160	1060	1130	1830
MIN	975	731	680	743	797	992	963	980	1010	987	982	1000
AC-FT	61250	62370	60390	58610	56200	63230	64580	62390	62420	62060	62970	65790
CAL. YR 1995	TOTAL	407733	MEAN	1117	MAX	2350	MIN	680	AC-FT	808700		
WTR YR 1996	TOTAL	374221	MEAN	1022	MAX	1830	MIN	680	AC-FT	742300		

e Estimated

MISSISSIPPI RIVER DELTA
07385500 BAYOU TECHE AT ARNAUDVILLE, LA--Continued
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.87	13.85	12.95	13.37	14.69	14.58	14.09	14.22	14.12	13.94	14.19	14.12
2	13.84	16.37	12.97	13.58	14.78	13.97	13.85	14.17	14.06	13.96	14.18	14.07
3	14.08	18.86	12.88	13.69	14.81	13.88	13.84	14.03	14.04	13.99	13.84	13.96
4	13.95	18.17	12.80	13.65	14.42	14.00	13.84	13.89	14.05	13.99	13.84	13.95
5	14.03	17.34	12.73	13.49	13.99	13.98	13.82	13.91	14.03	13.99	13.88	13.97
6	14.07	16.40	12.73	13.69	13.64	14.18	14.32	13.91	13.98	14.00	14.00	13.97
7	14.06	15.44	12.68	13.27	13.87	14.06	14.04	13.90	14.03	14.00	14.04	13.99
8	13.99	14.81	12.62	13.34	13.51	14.08	13.85	13.94	14.16	13.99	13.91	13.97
9	13.92	14.32	12.77	13.41	13.25	14.08	13.87	13.94	14.05	13.96	13.98	14.01
10	13.87	14.05	13.15	12.99	13.75	14.05	13.89	13.91	14.03	13.94	13.98	13.96
11	13.85	13.95	13.41	12.80	13.97	14.00	13.86	14.21	14.04	13.92	14.03	13.93
12	13.86	13.98	12.84	13.25	13.94	13.96	13.84	14.25	14.18	13.87	14.12	13.95
13	13.91	14.05	12.70	13.70	13.88	13.94	16.36	14.11	14.28	13.87	14.10	13.96
14	14.02	14.03	12.68	13.83	13.80	13.93	16.42	13.99	14.19	13.86	14.01	13.94
15	13.86	13.98	12.57	13.80	13.67	13.93	15.47	13.91	14.16	13.89	13.93	13.96
16	13.81	13.84	12.53	13.69	13.47	13.92	14.86	13.93	14.16	13.89	13.96	14.04
17	13.84	13.65	13.28	13.32	13.24	13.95	14.50	13.90	14.14	13.87	13.99	14.09
18	13.87	13.80	19.32	13.17	13.03	13.91	14.17	13.86	14.13	13.90	13.99	13.97
19	13.87	13.89	20.41	13.02	13.17	13.92	13.93	13.84	14.10	13.91	13.99	13.92
20	13.86	14.12	20.00	12.82	13.28	13.97	14.14	13.83	14.07	13.92	13.99	14.09
21	13.84	14.01	19.35	12.93	13.25	14.01	14.13	13.89	14.18	13.94	14.03	14.68
22	13.84	13.88	18.58	13.22	13.36	13.99	14.02	13.92	14.15	13.99	13.99	14.22
23	13.85	13.89	17.73	13.31	13.52	13.96	14.37	13.95	14.26	13.98	13.86	14.01
24	13.84	13.87	16.80	13.47	13.54	13.93	14.54	13.97	14.57	13.99	13.97	13.99
25	13.83	13.85	15.98	13.80	13.55	14.02	14.34	13.97	14.47	14.16	13.99	13.97
26	13.83	13.84	15.22	13.83	13.54	14.03	14.12	13.97	14.12	14.07	13.90	13.95
27	13.84	13.77	14.71	15.46	13.52	13.94	14.03	13.98	14.02	13.92	13.92	15.11
28	13.88	13.33	14.23	15.46	14.93	13.91	13.90	14.01	13.99	13.90	13.98	17.30
29	13.85	12.79	13.75	15.33	15.18	13.94	13.76	14.02	13.95	13.95	14.09	17.19
30	13.90	12.75	13.35	15.21	---	14.63	14.02	13.96	13.94	13.95	14.48	16.35
31	13.82	---	13.12	14.98	---	14.46	---	14.02	---	13.94	14.36	---
MAX	14.08	18.86	20.41	15.46	15.18	14.63	16.42	14.25	14.57	14.16	14.48	17.30
MIN	13.81	12.75	12.53	12.80	13.03	13.88	13.76	13.83	13.94	13.86	13.84	13.92

MISSISSIPPI RIVER DELTA

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 sea level. 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 Glaisses 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 mi²) 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. Dam submerged, Mar. 14-15.

AVERAGE DISCHARGE.--37 years, 492 ft³/s, 356,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/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, 2,970 ft³/s, Dec. 18, gage height, 12.65 ft; minimum discharge, 200 ft³/s, July 2, gage height, 9.95 ft.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	324	329	375	698	660	793	380	261	277	213	350	404
2	329	1200	406	607	708	647	304	279	294	218	391	423
3	519	2050	407	516	690	578	279	265	282	276	356	364
4	445	1360	402	513	630	559	286	247	271	279	313	332
5	360	1110	395	490	572	399	284	239	270	277	312	323
6	348	961	394	540	520	662	566	240	239	278	362	324
7	336	886	389	496	518	453	439	240	265	278	380	325
8	328	748	377	455	512	388	360	242	314	286	345	321
9	320	638	411	467	468	366	290	246	237	289	325	363
10	310	570	406	438	484	353	269	248	222	280	342	350
11	307	614	450	394	546	338	257	275	214	280	414	322
12	305	532	409	399	545	328	275	307	271	281	540	318
13	340	526	363	453	534	320	702	289	350	284	444	318
14	468	525	354	485	533	308	856	266	333	288	374	324
15	340	508	350	497	525	322	737	255	300	292	335	382
16	303	500	350	486	497	330	500	256	285	296	319	384
17	297	468	521	450	460	401	414	256	260	292	318	375
18	303	453	2400	439	438	363	348	254	249	302	318	356
19	306	469	1930	411	434	348	290	248	336	304	323	342
20	307	669	1620	382	462	342	282	249	290	302	337	549
21	292	568	1470	382	460	340	283	259	251	373	321	615
22	296	513	1340	406	467	339	266	266	250	500	328	478
23	313	502	1200	429	488	329	315	262	496	469	319	394
24	314	499	1060	468	503	323	347	265	524	506	343	366
25	305	488	919	489	500	358	333	271	399	479	371	349
26	307	488	802	781	503	354	309	266	317	394	314	335
27	318	488	707	939	521	344	271	272	270	365	312	831
28	345	469	636	773	819	315	248	276	241	349	379	1250
29	309	385	567	744	846	302	260	282	231	349	411	992
30	321	340	509	725	---	481	246	279	225	334	486	856
31	325	---	471	705	---	466	---	263	---	340	484	---
TOTAL	10340	19856	23670	16457	15843	12549	10996	8123	8763	10053	11266	13665
MEAN	334	662	764	531	546	405	367	262	292	324	363	455
MAX	519	2050	3390	939	846	793	856	307	524	506	540	1250
MIN	292	329	350	382	434	302	246	239	214	213	312	318
AC-FT	20510	39380	46950	32640	31420	24890	21810	16110	17380	19940	22350	27100
CAL YR 1995	TOTAL	198478	MEAN	544	MAX	3390	MIN	240	AC-FT	393700		
WTR YR 1996	TOTAL	161581	MEAN	441	MAX	3390	MIN	213	AC-FT	320500		

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM, NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.19	10.20	10.26	10.62	10.60	10.71	10.24	10.05	10.06	9.97	10.19	10.26
2	10.20	11.02	10.30	10.54	10.65	10.56	10.13	10.08	10.09	9.98	10.24	10.28
3	10.43	11.76	10.30	10.43	10.63	10.48	10.10	10.06	10.07	10.07	10.19	10.21
4	10.35	11.25	10.29	10.43	10.56	10.46	10.11	10.03	10.06	10.08	10.14	10.17
5	10.24	11.04	10.29	10.40	10.50	10.27	10.11	10.02	10.06	10.07	10.14	10.16
6	10.22	10.90	10.28	10.46	10.44	10.57	10.45	10.02	10.01	10.08	10.20	10.16
7	10.21	10.83	10.28	10.41	10.43	10.34	10.30	10.02	10.04	10.08	10.23	10.16
8	10.20	10.69	10.26	10.36	10.43	10.26	10.20	10.02	10.12	10.09	10.18	10.16
9	10.19	10.57	10.30	10.37	10.37	10.23	10.10	10.03	10.00	10.09	10.15	10.21
10	10.17	10.49	10.30	10.34	10.39	10.21	10.07	10.03	9.98	10.08	10.18	10.20
11	10.17	10.54	10.35	10.28	10.46	10.19	10.06	10.07	9.97	10.08	10.27	10.16
12	10.17	10.45	10.30	10.29	10.46	10.18	10.08	10.12	10.06	10.08	10.42	10.15
13	10.21	10.44	10.24	10.36	10.44	10.17	10.59	10.09	10.18	10.09	10.31	10.15
14	10.37	10.44	10.23	10.39	10.44	10.15	10.76	10.05	10.15	10.09	10.22	10.16
15	10.21	10.42	10.23	10.41	10.43	10.17	10.63	10.03	10.11	10.10	10.17	10.24
16	10.16	10.41	10.23	10.40	10.40	10.18	10.37	10.03	10.09	10.10	10.14	10.24
17	10.15	10.37	10.42	10.35	10.35	10.27	10.27	10.03	10.05	10.10	10.14	10.23
18	10.16	10.36	12.61	10.34	10.33	10.22	10.18	10.03	10.03	10.11	10.14	10.20
19	10.17	10.38	11.87	10.30	10.32	10.19	10.10	10.02	10.15	10.12	10.15	10.19
20	10.17	10.60	11.45	10.27	10.36	10.19	10.09	10.02	10.09	10.12	10.17	10.42
21	10.15	10.49	11.34	10.27	10.36	10.18	10.09	10.04	10.03	10.21	10.15	10.51
22	10.15	10.43	11.23	10.30	10.36	10.18	10.07	10.05	10.03	10.37	10.16	10.36
23	10.18	10.41	11.12	10.33	10.39	10.17	10.14	10.04	10.33	10.34	10.14	10.25
24	10.18	10.41	10.99	10.37	10.41	10.16	10.18	10.05	10.39	10.38	10.18	10.22
25	10.17	10.40	10.86	10.40	10.40	10.21	10.15	10.06	10.24	10.35	10.21	10.20
26	10.17	10.40	10.74	10.68	10.41	10.20	10.12	10.05	10.13	10.24	10.14	10.18
27	10.18	10.40	10.64	10.88	10.43	10.19	10.07	10.06	10.07	10.21	10.14	10.68
28	10.22	10.38	10.57	10.71	10.75	10.15	10.03	10.06	10.02	10.18	10.22	11.13
29	10.17	10.27	10.49	10.68	10.77	10.13	10.05	10.07	10.00	10.18	10.26	10.90
30	10.19	10.21	10.42	10.66	---	10.36	10.03	10.07	9.99	10.17	10.36	10.77
31	10.19	---	10.38	10.64	---	10.34	---	10.04	---	10.17	10.35	---
MAX	10.43	11.76	12.61	10.88	10.77	10.71	10.76	10.12	10.39	10.38	10.42	11.13
MIN	10.15	10.20	10.23	10.27	10.32	10.13	10.03	10.02	9.97	9.97	10.14	10.15

MISSISSIPPI RIVER DELTA

07386200 BAYOU FUSILIER AT WEIR, AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'55", long 91°56'41", in center of N 1/2 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 sea level.

REMARKS.--Indefinite stage discharge relationship: Nov. 2-7, Dec.18-24, Apr. 13-16, Sept. 27-30. Records fair, except those above 660 ft³/s and indefinite stage-discharge relationship, which are poor. Bayou Fusilier is a tributary of Bayou Teche into the Vermilion River basin. For other diversions that occur in the Bayou Teche basin above this tributary, see Bayou Teche at Arnaudville (station 07385500). In extreme floods, reverse flow observed. Several measurements of water temperature were made during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 21.97 ft, Oct. 31, 1985; minimum, 9.03 ft, Nov. 26, 27, 28, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 574 ft³/s, Dec. 25.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	272	264	186	228	354	371	289	300	289	272	299	298
2	269	e-25	188	249	366	291	264	293	283	275	301	288
3	294	e-100	181	256	375	273	264	279	281	279	266	277
4	282	e-25	174	252	329	283	264	267	282	278	266	275
5	287	e200	169	236	281	280	263	268	281	278	269	278
6	290	e540	169	256	248	300	334	268	275	279	280	277
7	286	e450	166	221	269	289	291	267	279	279	285	279
8	280	408	161	223	236	290	266	271	294	278	273	278
9	272	336	172	228	213	291	268	271	282	277	279	282
10	268	297	202	192	258	287	269	269	280	277	280	277
11	266	281	226	177	279	282	266	300	281	276	283	274
12	266	282	178	215	276	278	265	303	294	272	292	276
13	271	288	167	255	271	276	e400	288	305	272	292	277
14	283	286	165	266	263	274	e500	279	298	271	282	275
15	266	280	157	264	251	273	e400	272	293	274	273	277
16	261	266	154	253	233	271	e350	277	293	275	277	284
17	264	248	222	221	213	274	330	276	292	273	279	290
18	267	261	e100	207	195	270	294	272	291	275	279	279
19	267	269	e50	194	206	269	272	269	288	277	279	274
20	266	293	e-25	178	216	275	292	269	284	277	279	289
21	263	283	e-100	187	213	277	290	276	294	279	283	364
22	264	269	e-25	211	222	275	279	279	292	284	279	311
23	265	269	e200	219	237	271	325	279	302	284	267	283
24	263	267	e450	233	239	268	340	278	341	284	277	279
25	262	265	574	263	240	277	313	278	338	299	279	278
26	262	264	451	271	238	279	290	278	292	288	271	276
27	263	257	379	478	236	270	281	277	280	273	272	e200
28	267	218	319	456	389	269	267	277	277	271	278	e150
29	264	173	266	428	444	273	255	278	273	275	289	e200
30	269	170	226	410	---	349	282	273	272	275	339	e400
31	261	---	205	385	---	329	---	278	---	275	331	---
TOTAL	8380	7534	6107	8112	7790	8834	9063	8609	8706	8601	8778	8345
MEAN	270	251	197	262	269	285	302	278	290	277	283	278

e Estimated

MISSISSIPPI RIVER DELTA
07386200 BAYOU FUSILIER, AT WEIR, AT ARNAUDVILLE, LA--Continued
ELEVATION, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.08	13.00	12.18	12.64	13.82	13.95	13.24	13.34	13.24	13.09	13.33	13.33
2	13.06	15.65	12.20	12.85	13.91	13.26	13.01	13.28	13.19	13.11	13.36	13.23
3	13.29	18.56	12.12	12.93	13.99	13.10	13.00	13.15	13.16	13.15	13.03	13.13
4	13.18	18.03	12.05	12.89	13.60	13.19	13.00	13.03	13.17	13.14	13.02	13.11
5	13.23	17.09	11.98	12.73	13.17	13.16	13.00	13.05	13.17	13.14	13.05	13.14
6	13.25	16.03	11.98	12.93	12.85	13.34	13.64	13.04	13.11	13.15	13.16	13.13
7	13.21	14.98	11.94	12.56	13.06	13.24	13.26	13.04	13.15	13.15	13.21	13.15
8	13.16	14.26	11.89	12.59	12.73	13.25	13.02	13.08	13.29	13.14	13.09	13.14
9	13.08	13.66	12.01	12.64	12.49	13.26	13.04	13.07	13.18	13.13	13.14	13.17
10	13.04	13.31	12.37	12.26	12.94	13.22	13.05	13.05	13.16	13.13	13.16	13.13
11	13.02	13.17	12.62	12.08	13.15	13.18	13.03	13.35	13.17	13.12	13.19	13.10
12	13.03	13.18	12.09	12.50	13.12	13.14	13.02	13.37	13.28	13.09	13.27	13.12
13	13.07	13.24	11.96	12.92	13.07	13.12	15.84	13.24	13.39	13.09	13.27	13.13
14	13.18	13.21	11.94	13.03	12.99	13.10	15.81	13.15	13.32	13.08	13.18	13.11
15	13.03	13.15	11.84	13.00	12.87	13.09	14.65	13.08	13.28	13.10	13.10	13.13
16	12.98	13.02	11.80	12.90	12.70	13.07	14.00	13.13	13.28	13.11	13.13	13.19
17	13.01	12.85	12.53	12.56	12.48	13.10	13.61	13.12	13.27	13.09	13.15	13.25
18	13.03	12.98	18.84	12.42	12.28	13.06	13.29	13.08	13.26	13.11	13.15	13.15
19	13.04	13.05	20.12	12.27	12.41	13.06	13.08	13.06	13.24	13.13	13.15	13.10
20	13.02	13.28	19.73	12.09	12.52	13.11	13.27	13.06	13.20	13.13	13.15	13.24
21	13.00	13.19	19.02	12.19	12.48	13.13	13.25	13.12	13.29	13.15	13.19	13.89
22	13.01	13.05	18.19	12.46	12.58	13.11	13.15	13.15	13.27	13.20	13.15	13.44
23	13.01	13.05	17.29	12.55	12.73	13.08	13.56	13.15	13.36	13.20	13.03	13.18
24	13.00	13.04	16.34	12.70	12.76	13.05	13.69	13.14	13.70	13.20	13.13	13.15
25	12.99	13.01	15.44	13.00	12.77	13.13	13.46	13.14	13.68	13.33	13.15	13.14
26	12.99	13.01	14.58	13.05	12.75	13.15	13.25	13.14	13.27	13.23	13.07	13.12
27	12.99	12.94	14.02	14.78	12.73	13.06	13.17	13.13	13.16	13.09	13.09	14.19
28	13.04	12.54	13.52	14.62	14.06	13.05	13.04	13.13	13.13	13.07	13.14	16.79
29	13.01	12.03	13.02	14.41	14.53	13.09	12.92	13.14	13.09	13.11	13.24	16.75
30	13.05	12.00	12.62	14.27	---	13.77	13.18	13.09	13.08	13.11	13.69	15.88
31	12.98	---	12.40	14.07	---	13.60	---	13.14	---	13.11	13.62	---
MAX	13.29	18.56	20.12	14.78	14.53	13.95	15.84	13.37	13.70	13.33	13.69	16.79
MIN	12.98	12.00	11.80	12.08	12.28	13.05	12.92	13.03	13.08	13.07	13.02	13.10

MISSISSIPPI RIVER DELTA
07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'05", in NE 1/4 NW 1/4 sec.95, T.9 S., R.6 E., St. Martin Parish, Hydrologic Unit 08080103, near center of span on downstream side of bridge on State Highway 31, 1,200 ft above control structure, 1,500 ft downstream from point of diversion from Bayou Teche, 0.4 mi northwest of Ruth, and 2.2 mi south of town of Breaux Bridge.

PERIOD OF RECORD.--August 1959 to current year. Elevations only, May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is sea level. Auxiliary water-stage recorder 150 ft below control structure at same datum. Since July 12, 1973, water-stage recorder for Ruth Canal at Ruth (station 07386705) used as auxiliary gage for this station. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Total flow through control structure diverted from Bayou Teche for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 802 ft³/s, Apr. 21, 1966; maximum daily reverse flow, -60 ft³/s, Jan. 31, 1993 (backwater from Vermilion River); minimum daily (unaffected by backwater), 0.03 ft³/s, June 1, 1982.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	373	406	176	110	177	152	405	483	476	483	314	322
2	372	288	177	106	179	170	415	481	475	458	291	324
3	339	156	176	110	174	159	416	482	476	398	310	337
4	334	126	177	120	176	159	420	480	476	403	318	350
5	356	108	178	129	179	255	419	480	476	404	322	349
6	367	97	178	137	181	346	375	481	478	404	307	351
7	374	91	178	136	184	342	367	481	494	403	328	352
8	377	80	177	146	185	358	396	480	497	400	356	355
9	376	79	175	159	185	368	452	478	491	396	359	351
10	378	86	181	119	189	372	460	477	493	397	354	352
11	379	93	182	170	191	374	463	470	492	399	353	355
12	379	102	178	176	191	379	367	472	479	400	345	356
13	369	114	177	181	191	380	228	478	480	400	328	359
14	339	124	178	183	191	382	226	481	472	401	334	363
15	364	135	177	184	191	382	342	480	464	399	346	369
16	372	144	178	184	190	381	429	480	465	399	348	351
17	374	151	169	182	190	374	435	480	476	395	356	344
18	375	157	162	175	190	376	445	480	480	395	356	339
19	377	163	140	184	186	384	452	481	475	390	360	345
20	377	156	125	186	189	389	462	481	480	391	362	326
21	383	149	113	180	189	393	468	480	485	259	359	353
22	380	159	95	185	189	393	467	482	481	175	355	344
23	377	164	85	183	191	392	457	483	501	177	351	358
24	380	168	76	184	191	387	460	481	483	179	352	368
25	381	173	69	190	191	384	467	479	438	177	356	378
26	379	174	65	181	189	392	468	478	440	276	361	385
27	377	173	66	156	188	385	472	474	458	272	362	342
28	376	173	68	158	160	424	471	474	469	300	348	311
29	377	176	75	159	157	455	468	476	473	309	339	271
30	378	178	84	165	---	518	476	474	477	314	332	239
31	372	---	92	172	---	506	---	474	---	309	322	---
TOTAL	11511	4543	4327	4990	5354	11111	12648	14841	14300	10862	10584	10299
MEAN	371	151	140	161	185	358	422	479	477	350	341	343

MISSISSIPPI RIVER DELTA
07386700 RUTH CANAL NEAR RUTH, LA--Continued
ELEVATION, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.55	9.55	9.81	10.73	10.69	10.91	9.50	9.08	8.97	8.77	9.36	9.44
2	9.56	12.28	9.87	10.51	10.74	10.55	9.37	9.10	8.97	8.83	9.51	9.46
3	10.06	14.13	9.86	10.34	10.73	10.40	9.32	9.06	8.95	9.11	9.42	9.35
4	9.84	12.76	9.83	10.35	10.58	10.20	9.31	9.00	8.95	9.09	9.19	9.34
5	9.68	12.13	9.82	10.28	10.44	9.85	9.26	8.99	8.96	9.06	9.17	9.17
6	9.63	11.67	9.82	10.33	10.29	10.35	10.08	8.99	8.78	9.05	9.24	9.14
7	9.59	11.36	9.78	10.19	10.32	9.83	9.76	8.99	8.74	9.09	9.32	9.14
8	9.56	10.94	9.79	10.15	10.27	9.71	9.51	9.00	8.92	9.14	9.24	9.14
9	9.53	10.65	9.81	10.19	10.13	9.66	9.24	9.00	8.75	9.02	9.19	9.12
10	9.50	10.49	9.87	10.08	10.23	9.62	9.19	9.00	8.70	8.96	9.26	9.19
11	9.47	10.45	10.03	9.96	10.32	9.58	9.16	9.08	8.70	8.97	9.45	9.13
12	9.48	10.35	9.91	9.98	10.33	9.57	9.35	9.14	8.87	8.99	9.75	9.09
13	9.67	10.33	9.81	10.16	10.34	9.55	10.82	9.08	9.16	9.01	9.59	9.14
14	9.90	10.30	9.78	10.25	10.32	9.54	11.12	9.04	9.13	9.03	9.37	9.23
15	9.61	10.28	9.77	10.26	10.26	9.52	10.58	9.01	9.06	9.04	9.24	9.56
16	9.50	10.21	9.75	10.24	10.17	9.52	9.93	9.00	9.03	9.04	9.13	9.32
17	9.49	10.12	10.19	10.16	10.11	9.69	9.71	8.99	8.92	9.00	9.19	9.33
18	9.48	10.09	14.80	10.10	10.04	9.56	9.53	8.99	8.90	9.06	9.17	9.24
19	9.49	10.13	14.30	9.98	10.06	9.50	9.34	8.98	9.06	9.04	9.22	9.22
20	9.46	10.52	13.61	9.92	10.11	9.46	9.30	8.98	8.98	9.04	9.23	9.54
21	9.46	10.34	13.25	9.90	10.11	9.47	9.28	8.97	8.87	9.24	9.19	11.09
22	9.49	10.22	12.88	10.01	10.13	9.48	9.25	8.97	8.89	10.13	9.21	10.64
23	9.50	10.18	12.46	10.10	10.19	9.50	9.33	8.96	9.42	10.05	9.18	10.53
24	9.47	10.15	12.02	10.12	10.20	9.54	9.44	8.96	9.67	10.13	9.19	10.34
25	9.45	10.14	11.60	10.24	10.23	9.50	9.39	8.95	9.42	10.16	9.21	10.24
26	9.49	10.15	11.23	10.61	10.24	9.50	9.21	8.97	9.20	10.04	9.23	10.24
27	9.52	10.17	10.93	11.26	10.25	9.46	9.10	8.99	9.04	9.52	9.22	10.52
28	9.55	10.03	10.70	11.05	10.99	9.37	9.06	8.99	8.94	9.33	9.23	12.14
29	9.48	9.82	10.49	10.97	11.11	9.34	9.04	8.97	8.87	9.26	9.36	11.44
30	9.51	9.74	10.31	10.92	---	9.95	9.00	8.94	8.81	9.24	9.79	11.05
31	9.49	---	10.21	10.81	---	9.78	---	8.90	---	9.14	9.64	---
MAX	10.06	14.13	14.80	11.26	11.11	10.91	11.12	9.14	9.67	10.16	9.79	12.14
MIN	9.45	9.55	9.75	9.90	10.04	9.34	9.00	8.90	8.70	8.77	9.13	9.09

MISSISSIPPI RIVER DELTA

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 recorders and electromagnetic flowmeter. Datum of gage is 2.07 ft below mean low Gulf level or 2.85 ft below sea level. Prior to 1982, datum of gage was 1.53 ft below mean low Gulf or 2.31 ft below sea level (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. No velocity record: Oct. 31-Nov. 2, Nov. 30-Dec. 5, Feb. 3-6, Mar. 5-6, Apr. 9-14. Discharges are affected by tide at all stages; diversions above and below station for irrigation. Reverse flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,280 ft³/s, July 17, 1989; maximum gage height 15.81 ft, Jan. 20, 1993; maximum negative discharge, -8,390 ft³/s, Dec. 18, 1995; minimum gage height 0.79 ft, Nov. 20, 1969; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive daily discharge recorded, 3,380 ft³/s, Dec. 23, but may have been higher during periods of missing record; maximum negative daily discharge recorded, -5,170 ft³/s, Dec. 18, but may have been higher during periods of missing record; no flow at times during the year.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	382	---	---	1510	760	1300	956	526	597	391	568	960
2	446	---	---	1480	657	1290	760	519	639	412	700	830
3	270	-73	---	2010	---	1280	621	531	628	408	694	855
4	1150	1890	---	1850	---	1130	566	498	588	378	572	746
5	978	1940	---	896	---	---	542	479	661	344	491	690
6	936	1910	329	1440	---	---	827	506	621	315	365	628
7	887	1860	302	1570	426	1450	1170	516	602	323	639	582
8	723	1950	209	1460	381	1300	1140	545	711	328	680	519
9	660	1890	333	1140	335	1270	---	498	699	414	643	443
10	624	1840	348	902	269	1190	---	510	628	456	740	495
11	585	1730	270	697	306	1140	---	647	592	410	480	521
12	532	1670	294	603	289	1040	---	787	517	405	456	495
13	295	1570	246	509	240	960	---	707	776	392	975	481
14	775	1470	249	447	237	887	---	603	922	353	1040	407
15	436	1360	221	432	232	762	1170	503	701	365	882	391
16	251	1230	194	368	263	722	1260	504	885	416	745	529
17	607	1040	15	265	189	655	1180	476	829	393	653	694
18	657	877	-5170	227	182	736	1110	471	655	382	588	753
19	595	735	-580	377	122	822	1090	489	634	373	542	626
20	649	621	2130	216	202	670	951	497	743	507	529	191
21	513	878	2670	184	165	583	870	494	705	529	521	877
22	348	661	3210	249	151	524	647	496	763	391	452	1160
23	451	606	3380	196	153	470	755	513	802	318	503	1080
24	529	558	3310	254	151	396	885	570	914	258	523	1090
25	471	495	3150	233	121	491	813	646	981	304	541	950
26	457	410	3080	19	129	569	736	569	1110	451	525	676
27	528	340	2940	737	137	511	723	509	952	648	465	-287
28	648	365	2520	1220	184	477	486	643	808	600	559	-465
29	553	306	2360	1120	1250	553	435	654	625	598	660	1400
30	470	---	1900	1040	---	778	652	690	458	507	708	1780
31	---	---	2100	918	---	996	---	590	---	494	864	---
TOTAL	---	---	---	24569	---	---	---	17186	21746	12863	19303	20097
MEAN	---	---	---	793	---	---	---	554	725	415	623	670

MISSISSIPPI RIVER DELTA
 07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued
 GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

	MEAN VALUES											
	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUGSEP
1	5.83	---	---	10.22	5.74	7.64	6.12	5.36	5.64	5.87	5.70	6.83
2	5.97	---	---	10.10	5.59	7.45	5.54	5.55	5.61	5.77	6.02	7.01
3	7.83	11.73	---	9.59	---	6.87	5.46	5.47	5.51	5.46	5.73	6.44
4	7.23	10.76	---	9.11	---	6.28	5.32	5.42	5.56	5.16	5.37	5.98
5	6.50	10.65	---	8.63	---	---	5.10	5.44	5.54	5.00	5.30	5.72
6	6.06	10.65	4.10	8.27	---	---	7.69	5.40	5.47	4.99	5.86	5.59
7	5.54	10.78	3.96	7.98	4.76	7.48	7.27	5.42	5.44	5.22	5.90	5.46
8	5.46	10.65	4.17	7.31	4.74	6.83	6.07	5.37	5.54	5.58	5.68	5.31
9	5.48	10.41	4.43	6.61	4.44	6.35	7.09	5.10	5.37	5.25	5.34	5.40
10	5.31	10.21	3.30	5.96	4.27	6.15	---	5.14	5.26	4.96	5.55	5.50
11	5.11	9.98	3.82	5.44	4.15	5.96	---	5.28	5.34	4.86	6.35	5.20
12	5.25	9.53	4.27	4.91	3.70	5.81	---	5.25	5.75	4.92	7.19	5.11
13	6.17	9.08	4.32	4.55	4.08	5.73	---	5.15	6.49	4.94	7.16	5.15
14	7.18	8.53	4.20	4.58	4.08	5.61	---	5.01	6.55	5.04	6.55	5.21
15	5.94	7.92	4.29	4.50	4.08	5.58	7.79	5.13	6.79	5.23	6.00	5.72
16	5.62	7.34	4.17	4.48	3.73	5.57	7.69	5.12	6.74	5.18	5.72	5.98
17	5.48	6.68	5.40	4.67	3.31	6.28	7.55	5.10	6.34	5.38	5.52	5.99
18	5.44	6.23	14.14	5.43	3.79	5.85	7.27	5.17	6.38	5.56	5.50	6.02
19	5.38	5.89	13.71	3.93	4.29	5.16	6.82	5.14	6.73	5.78	5.42	.15
20	5.22	7.10	13.24	3.63	4.10	4.58	6.55	5.23	6.39	5.65	5.33	.00
21	4.67	7.04	12.99	4.55	4.10	4.26	6.33	5.24	6.08	5.35	5.41	2.48
22	5.14	6.29	12.78	4.19	4.03	4.45	6.36	5.13	6.16	4.67	5.80	7.80
23	5.42	5.98	12.54	4.58	3.90	4.81	6.52	5.10	6.26	4.16	5.89	7.47
24	5.07	5.47	12.33	4.44	3.83	5.40	6.43	5.27	7.13	4.04	5.76	7.03
25	4.92	4.96	12.11	3.93	4.02	5.52	6.43	5.41	7.56	4.36	5.65	6.57
26	5.28	4.96	11.87	5.48	4.29	4.89	6.17	5.57	7.24	5.80	5.45	6.40
27	5.53	5.19	11.59	7.99	4.44	4.75	5.74	5.83	6.78	6.39	5.38	8.49
28	5.47	4.86	11.26	7.27	7.26	5.05	5.85	5.71	6.51	5.90	5.76	11.15
29	5.21	4.00	10.89	7.21	7.51	4.95	6.05	5.56	6.31	5.68	6.25	10.37
30	5.38	---	10.51	6.84	---	7.14	5.40	5.53	6.11	5.65	7.11	10.13
31	---	---	10.19	6.32	---	6.85	---	5.51	---	5.60	7.07	---
MAX	---	---	---	10.22	---	---	---	5.83	7.56	6.39	7.19	11.15
MIN	---	---	---	3.63	---	---	---	5.01	5.26	4.04	5.30	.00

MISSISSIPPI RIVER DELTA
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 3.34 ft below sea level (levels by Louisiana Department of Transportation and Development, Office of Highways). Prior to 1982 datum of gage 2.95 ft below National Geodetic Vertical of 1929.

REMARKS.--No estimated daily discharges. Records poor. No gage-height records: May 2-24, Aug. 4-7, Sept.10-18. No velocity records: Mar. 16-May 24, Sept. 10-30. Discharge affected by tide at all stages. Reverse flow at times during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 15,800 ft³/s, Oct. 28, 1985; maximum gage height recorded, 12.06 ft, May 31, 1979; maximum negative discharge recorded, -2,800 ft³/s, Aug. 15, 1985; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge recorded, 14,000 ft³/s, Dec. 18, but may have been higher during period of missing record; no flow at times during the year. Maximum negative daily discharge, -769 ft³/s, Jan. 20.

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

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	132	79	-108	2820	449	1620	---	---	78	440	420	90
2	-157	3100	-173	2830	1600	1270	---	---	362	419	471	663
3	2160	8610	-136	2150	1050	863	---	---	472	593	213	92
4	1860	3960	-81	1310	492	482	---	---	420	467	---	-169
5	587	2580	57	1360	16	701	---	---	347	409	---	-227
6	971	2290	157	1990	362	3580	---	---	186	372	---	-226
7	512	2890	324	1650	80	1480	---	---	257	120	512	-272
8	242	2800	-651	798	410	587	---	---	670	437	553	-276
9	542	1950	1200	621	318	108	---	---	365	647	600	-58
10	492	1740	-174	571	156	339	---	---	211	380	805	---
11	287	2350	-399	318	576	409	---	---	268	80	1700	---
12	215	2180	-227	495	-129	157	---	---	163	122	2470	---
13	573	1580	-125	73	-81	229	---	---	783	144	2010	---
14	1760	1880	-253	115	183	-35	---	---	857	-66	348	---
15	421	1150	-85	-47	25	-23	---	---	1070	305	-26	---
16	239	1280	-178	-338	665	---	---	---	1130	-2.5	-58	---
17	191	399	1000	-394	-595	---	---	---	943	3.4	-224	---
18	266	480	14000	11	-60	---	---	---	1730	-134	-242	---
19	97	459	11200	54	-246	---	---	---	2210	148	-149	---
20	663	2340	7530	-769	-11	---	---	---	1980	162	-317	---
21	-178	1720	6030	-337	16	---	---	---	881	61	-428	---
22	-277	573	4240	-441	-4.8	---	---	---	853	-44	-410	---
23	223	532	3040	-570	82	---	---	---	741	23	-341	---
24	332	961	3080	105	-171	---	---	---	1640	-181	-263	---
25	-172	-5.8	3110	-738	-263	---	---	148	2070	-175	-166	---
26	-9.2	35	3010	-24	-176	---	---	-37	1240	112	-396	---
27	34	86	2800	2010	-109	---	---	208	973	682	-388	---
28	664	447	2540	206	2990	---	---	648	1290	336	-115	---
29	81	117	2270	408	2070	---	---	278	695	167	228	---
30	189	-338	2020	529	---	---	---	534	689	147	790	---
31	83	---	2210	1190	---	---	---	124	---	313	480	---
TOTAL	13022.8	48224.2	67228	17956	9694.2	---	---	---	25574	6530.46	---	---
MEAN	420	1607	2169	579	334	---	---	---	852	211	---	---

MISSISSIPPI RIVER DELTA
07386980 VERMILION RIVER AT PERRY, LA--Continued
GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.82	5.30	4.45	5.90	4.28	4.45	2.97	4.67	5.26	4.64	4.74	4.75
2	6.18	6.23	4.28	5.37	3.57	4.48	3.65	---	4.94	4.75	4.57	5.07
3	6.39	8.02	4.47	3.78	2.13	4.34	4.42	---	4.70	4.39	4.36	4.58
4	5.14	5.78	4.08	4.56	2.09	4.75	4.44	---	4.53	4.18	---	4.53
5	5.45	5.35	4.18	4.99	3.63	5.24	4.01	---	4.68	4.16	---	4.54
6	4.81	5.59	4.09	4.58	4.24	6.83	3.90	---	4.78	4.30	---	4.50
7	4.31	5.65	3.77	2.59	4.35	4.21	4.33	---	4.62	4.68	5.37	4.36
8	4.77	4.89	4.61	2.47	4.36	2.61	4.68	---	3.95	5.16	4.97	4.35
9	4.77	5.34	3.43	3.86	4.14	3.08	4.55	---	3.71	4.28	4.59	4.42
10	4.61	5.99	2.12	3.58	4.16	3.69	4.93	---	4.23	4.04	4.53	---
11	4.51	5.69	3.98	4.03	3.74	3.83	5.23	---	4.54	4.11	5.36	---
12	4.88	4.61	4.41	3.22	3.31	4.12	5.32	---	4.83	4.20	5.82	---
13	5.38	5.28	4.44	3.62	4.06	4.26	5.37	---	4.86	4.16	5.12	---
14	5.02	4.42	4.39	3.99	3.92	4.30	5.09	---	4.73	4.50	4.36	---
15	4.10	4.69	4.43	4.01	4.03	4.54	4.19	---	4.66	4.50	4.44	---
16	4.85	4.32	4.41	4.27	2.91	4.76	3.67	---	4.58	4.54	4.50	---
17	4.98	4.39	5.35	4.79	3.46	4.91	4.91	---	4.47	4.98	4.60	---
18	5.13	4.65	11.30	5.16	3.85	4.39	5.24	---	4.78	5.26	4.77	---
19	5.20	4.62	11.09	2.11	4.53	2.07	4.89	---	5.04	5.04	4.66	5.01
20	4.32	5.62	9.51	4.02	4.21	1.61	5.30	---	4.68	4.62	4.85	6.23
21	4.08	4.61	8.26	4.59	4.24	2.05	5.31	---	4.46	4.47	5.18	6.44
22	5.11	4.57	6.75	4.33	4.13	3.33	5.89	---	4.58	4.14	5.89	4.96
23	5.13	5.02	5.56	4.92	3.92	4.23	4.72	---	4.50	3.78	5.74	5.22
24	4.29	3.96	5.34	3.87	3.97	5.25	4.09	---	5.07	3.87	5.35	5.09
25	4.64	4.17	5.18	4.20	4.27	4.72	5.05	4.99	5.27	4.02	5.09	5.09
26	5.08	4.53	4.90	5.77	4.51	3.68	4.71	5.37	4.57	4.36	4.94	5.54
27	5.40	4.97	4.83	5.72	4.68	4.07	4.31	5.70	4.48	4.85	4.88	6.66
28	4.59	4.26	4.71	4.73	4.53	4.35	5.58	5.09	4.64	4.86	4.92	6.08
29	4.82	3.38	4.74	4.98	3.63	4.11	5.26	4.91	4.75	4.85	4.97	---
30	5.12	3.84	5.23	4.56	---	5.10	3.52	4.68	4.59	5.05	5.31	---
31	5.32	---	5.44	4.05	---	4.33	---	5.03	---	4.93	4.89	---
MAX	8.82	8.02	11.30	5.90	4.68	6.83	5.89	---	5.27	5.26	---	---
MIN	4.08	3.38	2.12	2.11	2.09	1.61	2.97	---	3.71	3.78	---	---

MISSISSIPPI RIVER DELTA

091300000 PIPELINE CANAL NEAR CROSSING COVE 11.4 MILES WEST OF PIGEON, LA

LOCATION.--Lat 30°05' 54", long 91°30' 00", St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 11.4 mi west of Pigeon, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder with electromagnetic flowmeter. Gage datum is an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record. No gage heights published for periods Oct. 1-Dec. 31, Jan 3-25, and Aug. 17-Sept. 30, when below recordable stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 12.25 ft, May 11, 1994, June 19, 1995; minimum recorded, 2.84 ft, Nov. 17, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 11.12 ft, June 12; minimum recorded, 3.16 ft, Jan. 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	3.37	---	3.91	6.68	7.27	---	9.62	4.06	---
2	---	---	---	3.29	---	3.85	6.89	7.59	---	9.34	4.51	---
3	---	---	---	---	---	3.84	7.18	7.82	---	9.03	4.70	---
4	---	---	---	---	---	3.78	7.43	7.98	---	8.66	4.92	---
5	---	---	---	---	---	3.73	7.58	8.08	---	8.34	5.07	---
6	---	---	---	---	---	3.97	7.95	8.20	---	7.95	4.84	---
7	---	---	---	---	7.77	4.00	8.06	8.45	---	7.61	4.60	---
8	---	---	---	---	7.81	4.05	7.97	8.49	---	7.37	4.34	---
9	---	---	---	---	7.89	4.09	7.89	8.60	---	6.81	4.08	---
10	---	---	---	---	7.93	4.20	7.87	8.79	---	6.38	3.86	---
11	---	---	---	---	7.97	4.53	7.83	8.72	---	5.89	3.85	---
12	---	---	---	---	7.88	4.95	7.73	8.78	11.10	5.35	3.85	---
13	---	---	---	---	7.64	5.31	7.74	---	11.07	4.86	4.07	---
14	---	---	---	---	7.38	5.62	7.73	---	11.01	4.55	3.87	---
15	---	---	---	---	7.04	5.88	7.71	---	10.97	4.44	3.71	---
16	---	---	---	---	6.60	6.13	7.54	---	10.91	4.19	3.48	---
17	---	---	---	---	6.31	6.25	7.33	---	10.87	4.06	---	---
18	---	---	---	---	5.95	6.36	7.12	---	10.82	3.95	---	---
19	---	---	---	---	5.64	6.35	6.82	---	10.81	3.82	---	---
20	---	---	---	---	5.53	6.26	6.16	---	10.77	3.60	---	---
21	---	---	---	---	5.39	6.20	5.68	---	10.74	3.37	---	---
22	---	---	---	---	5.37	6.16	5.47	---	10.69	3.25	---	---
23	---	---	---	---	5.50	6.17	5.47	---	10.63	3.24	---	---
24	---	---	---	---	5.45	6.13	5.47	---	10.57	3.24	---	---
25	---	---	---	---	5.29	5.99	5.38	---	10.51	3.24	---	---
26	---	---	---	3.52	5.15	5.82	5.34	---	10.40	3.23	---	---
27	---	---	---	4.01	4.96	5.71	5.54	---	10.27	3.23	---	---
28	---	---	---	4.33	4.63	6.00	6.06	---	10.09	3.23	---	---
29	---	---	---	---	4.24	6.24	6.73	---	9.92	3.23	---	---
30	---	---	---	---	---	6.48	7.01	---	9.79	3.27	---	---
31	---	---	---	---	---	6.60	---	---	---	3.59	---	---
MEAN	---	---	---	---	---	5.31	6.91	---	---	5.22	---	---
MAX	---	---	---	---	---	6.60	8.06	---	---	9.62	---	---
MIN	---	---	---	---	---	3.73	5.34	---	---	3.23	---	---

MISSISSIPPI RIVER DELTA

091303000 GRAND LAKE 4.1 MILES NORTH OF CHARENTON, LA

LOCATION.--Lat 29°56'37", long 91°30'30", Iberia Parish, Hydrologic Unit 08080101, on a five-pile platform 4.1 miles north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder with electromagnetic flowmeter. Datum of gage is to an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 18.78 ft, May 11, 1994; minimum recorded, 7.74 ft, Oct. 11, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 16.94 ft, June 14, 15; minimum recorded, 7.74 ft, Oct. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.83	8.63	9.34	10.44	12.65	11.26	---	13.16	16.52	15.86	10.85	9.23
2	8.95	8.63	9.29	10.41	13.07	11.10	---	13.40	16.61	15.72	11.16	9.26
3	8.81	8.38	9.26	10.16	13.24	11.03	---	13.61	16.69	---	11.33	9.25
4	8.57	7.88	9.11	9.91	13.21	10.97	---	13.78	16.73	---	11.46	9.14
5	8.86	7.90	9.00	9.93	13.36	10.90	---	13.91	16.76	---	11.61	9.10
6	8.71	8.17	8.76	9.92	13.56	11.00	---	14.02	16.79	---	11.58	9.09
7	8.32	8.41	8.64	9.59	13.68	11.05	---	14.17	16.83	---	11.48	8.93
8	8.28	8.14	8.53	9.46	13.84	11.03	---	14.28	16.88	---	11.33	8.78
9	8.30	8.18	8.49	9.27	13.93	11.04	13.96	14.38	16.87	---	11.15	8.63
10	8.19	8.68	8.05	9.01	14.02	11.08	13.97	14.52	16.87	---	10.99	8.61
11	8.02	8.92	8.19	8.99	14.08	11.22	13.96	14.59	16.88	---	11.00	8.47
12	8.13	8.51	8.33	8.99	14.08	11.45	13.93	14.62	16.88	---	10.99	8.44
13	8.40	8.52	8.40	9.00	14.00	11.71	13.93	14.68	16.89	---	11.08	8.41
14	8.33	8.53	8.30	9.14	13.87	11.93	13.92	14.77	16.90	---	10.96	8.46
15	7.92	8.64	8.23	9.25	13.70	12.14	13.92	14.85	16.91	---	10.83	8.78
16	8.46	8.72	8.19	9.25	13.43	12.32	13.82	14.95	16.88	11.45	10.67	9.05
17	8.57	8.80	8.43	9.60	13.17	---	13.73	15.03	16.82	11.39	10.39	8.74
18	8.67	9.13	9.12	10.07	12.93	---	13.60	15.11	16.78	11.25	10.25	8.46
19	8.78	9.32	9.61	9.84	12.68	---	13.44	15.20	16.73	11.11	10.20	8.47
20	8.71	9.68	9.40	9.80	12.54	---	13.11	15.28	16.72	10.92	10.08	8.76
21	8.41	9.79	9.28	9.80	12.40	---	12.75	15.35	16.70	10.71	9.95	9.15
22	8.55	9.91	9.12	9.71	12.30	---	12.53	15.40	16.65	10.46	10.07	8.85
23	8.61	10.12	8.86	9.85	12.30	---	12.42	15.51	16.60	10.24	10.14	8.85
24	8.44	10.16	8.85	10.04	12.27	---	12.32	15.64	16.56	10.21	10.06	8.66
25	8.43	10.09	8.65	10.10	12.18	---	12.24	15.78	16.54	10.24	9.98	8.64
26	8.57	10.09	8.51	10.47	12.08	---	12.20	15.92	16.50	10.13	9.89	9.03
27	8.83	10.20	8.75	10.92	11.97	---	12.21	16.06	16.38	9.98	9.77	9.40
28	8.63	10.12	9.20	11.20	11.80	---	12.39	16.18	16.26	9.94	9.56	9.55
29	8.37	9.85	9.57	11.46	11.51	---	12.75	16.28	16.14	9.93	9.38	9.50
30	8.31	9.46	9.90	11.78	---	---	12.96	16.38	15.99	10.25	9.34	9.72
31	8.59	---	10.24	12.21	---	---	---	16.44	---	10.55	9.27	---
MEAN	8.50	9.05	8.89	9.99	13.03	---	---	14.94	16.68	---	10.54	8.91
MAX	8.95	10.20	10.24	12.21	14.08	---	---	16.44	16.91	---	11.61	9.72
MIN	7.92	7.88	8.05	8.99	11.51	---	---	13.16	15.99	---	9.27	8.41

MISSISSIPPI RIVER DELTA

091312700 ATCHAFALAYA BASIN MAIN CHANNEL 11.3 MILES EAST OF CATAHOULA, LA

LOCATION.--Lat 30°10'54", long 91°31'27", St. Martin Parish, Hydrologic Unit 08080101, on a Kerr-McGee loading dock 11.3 miles east of Catahoula, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Gage datum is -8.072 ft below sea level..

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 25.07 ft, June 17, 18, 1995; minimum recorded, 10.09 ft, Oct. 11, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 20.21 ft, May 16, 17; minimum recorded, 10.09 ft, Oct. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.29	11.24	12.31	13.73	17.62	14.50	17.68	18.39	---	---	13.89	13.12
2	11.45	11.24	12.32	13.62	18.32	14.43	17.92	18.74	---	---	14.17	13.13
3	11.32	10.90	12.23	13.26	18.22	14.40	18.29	18.95	---	---	14.32	13.12
4	11.17	10.43	12.07	12.85	18.19	14.34	18.58	19.15	---	---	14.44	13.06
5	11.38	10.41	11.93	12.91	18.46	14.28	18.75	19.24	---	---	14.56	13.02
6	11.21	10.69	11.61	12.84	18.86	14.57	19.23	19.37	---	---	14.46	13.00
7	10.82	10.98	11.42	12.49	18.98	14.65	19.30	19.64	---	---	14.35	12.91
8	10.75	10.70	11.30	12.36	19.04	14.77	19.13	19.66	---	---	14.25	12.81
9	10.75	10.70	11.22	12.04	19.14	14.79	19.02	19.77	---	---	14.16	12.72
10	10.64	11.21	10.83	11.77	19.19	14.88	18.99	20.00	---	---	14.09	12.71
11	10.42	11.60	10.90	11.82	19.19	15.24	18.95	19.87	---	---	14.09	12.64
12	10.51	11.11	11.08	11.77	19.02	15.70	18.80	19.94	---	---	14.10	12.59
13	10.88	11.09	11.14	11.86	18.69	16.14	18.83	20.02	---	---	14.23	12.57
14	10.84	11.28	10.97	12.06	18.39	16.49	18.84	20.02	---	---	14.19	12.57
15	10.51	11.39	10.89	12.19	17.96	16.78	18.78	20.06	---	---	14.14	12.68
16	11.07	11.56	10.88	12.19	17.41	17.06	18.57	20.16	---	---	14.04	12.80
17	11.20	11.78	11.13	12.74	17.10	17.22	18.31	20.05	---	---	13.84	12.67
18	11.34	12.20	11.91	13.21	16.67	17.32	18.06	---	---	---	13.77	12.54
19	11.53	12.48	12.62	12.90	16.33	17.29	17.69	---	---	---	13.76	12.52
20	11.37	12.93	12.31	12.87	16.25	17.21	16.82	---	---	---	13.66	12.66
21	11.08	13.07	12.07	12.77	16.13	17.14	16.28	---	---	---	13.57	12.83
22	11.14	13.23	11.82	12.74	16.14	17.09	16.05	---	---	---	13.62	12.72
23	11.24	13.48	11.53	12.95	16.31	17.09	16.12	---	---	---	13.64	12.69
24	11.02	13.58	11.51	13.21	16.22	17.00	16.18	---	---	13.18	13.60	12.58
25	11.03	13.40	11.22	13.31	16.05	16.83	16.06	---	---	13.15	13.57	12.56
26	11.13	13.39	11.13	13.92	15.88	16.64	16.02	---	---	13.09	13.51	12.74
27	11.49	13.49	11.57	14.59	15.65	16.52	16.29	---	---	13.04	13.43	12.92
28	11.19	13.37	12.27	15.04	15.30	16.88	16.87	---	---	13.05	13.30	13.01
29	11.00	13.00	12.72	15.47	14.88	17.17	17.72	---	---	13.09	13.21	13.02
30	10.87	12.43	13.13	16.10	---	17.45	18.11	---	---	13.37	13.18	13.15
31	11.18	---	13.57	16.91	---	17.58	---	---	---	13.62	13.14	---
MEAN	11.06	11.95	11.73	13.18	17.43	16.11	17.87	---	---	---	13.88	12.80
MAX	11.53	13.58	13.57	16.91	19.19	17.58	19.30	---	---	---	14.56	13.15
MIN	10.42	10.41	10.83	11.77	14.88	14.28	16.02	---	---	---	13.14	12.52

MISSISSIPPI RIVER DELTA
091323200 RED EYE SWAMP 11.0 MILES NORTHEAST OF LOREAUVILLE, LA
WATER-QUALITY RECORDS

LOCATION.--Lat 30 °03' 33", long 91°32' 32", in section 15, T 11 S.. R 9 E., Loreauville Quadrangle, 11.0 miles northeast of Loreauville, St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 13.0 miles northeast of Loreauville, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1996 to September 1996.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1996 to September 1996.

PH: April 1996 to current.

WATER TEMPERATURES: April 1996 to September 1996.

DISSOLVED OXYGEN: April 1996 to September 1996.

REMARKS.--Extremes for current year for specific conductance, pH, water temperature, and dissolved oxygen are not published because the number of missing days of record exceeded 20% of the year.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	437	412	421
2	---	---	---	---	---	---	---	---	---	430	416	422
3	---	---	---	---	---	---	---	---	---	425	380	404
4	---	---	---	---	---	---	---	---	---	417	373	395
5	---	---	---	---	---	---	---	---	---	416	367	390
6	---	---	---	---	---	---	---	---	---	418	390	406
7	---	---	---	---	---	---	---	---	---	430	404	418
8	---	---	---	---	---	---	---	---	---	439	406	424
9	---	---	---	---	---	---	---	---	---	441	410	425
10	---	---	---	---	---	---	---	---	---	440	390	413
11	---	---	---	---	---	---	---	---	---	420	378	401
12	---	---	---	---	---	---	---	---	---	409	375	391
13	---	---	---	---	---	---	---	---	---	391	366	380
14	---	---	---	---	---	---	---	---	---	377	361	368
15	---	---	---	---	---	---	---	---	---	377	354	366
16	---	---	---	---	---	---	395	381	388	367	343	357
17	---	---	---	---	---	---	395	382	388	360	340	350
18	---	---	---	---	---	---	393	385	389	349	329	339
19	---	---	---	---	---	---	408	390	399	336	326	330
20	---	---	---	---	---	---	429	404	415	328	317	323
21	---	---	---	---	---	---	435	421	428	320	311	316
22	---	---	---	---	---	---	438	424	431	314	308	312
23	---	---	---	---	---	---	435	420	427	314	310	312
24	---	---	---	---	---	---	432	411	422	312	308	310
25	---	---	---	---	---	---	439	407	423	314	306	308
26	---	---	---	---	---	---	438	421	431	309	306	307
27	---	---	---	---	---	---	---	---	---	308	304	306
28	---	---	---	---	---	---	---	---	---	306	302	304
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	430	413	421	---	---	---
31	---	---	---	---	---	---	---	---	---	296	295	295
MONTH	---	---	---	---	---	---	---	---	---	441	295	362

MISSISSIPPI RIVER DELTA

091323200 RED EYE SWAMP 11.0 MILES NORTHEAST OF LOREAUVILLE, LA--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	296	294	295	348	342	346	326	310	318	---	---	---
2	299	295	297	346	343	344	317	310	313	---	---	---
3	300	298	299	349	345	347	313	305	309	---	---	---
4	304	299	301	350	346	348	314	307	311	---	---	---
5	306	303	305	350	337	347	336	314	322	---	---	---
6	304	302	303	348	345	347	358	336	349	---	---	---
7	305	301	303	349	344	346	354	327	339	---	---	---
8	307	302	304	350	343	346	---	---	---	---	---	---
9	310	306	308	358	343	348	---	---	---	---	---	---
10	315	310	313	363	350	355	---	---	---	---	---	---
11	319	315	317	362	356	359	---	---	---	---	---	---
12	318	317	318	366	356	360	---	---	---	---	---	---
13	317	313	315	367	358	362	---	---	---	---	---	---
14	332	311	322	365	356	360	---	---	---	---	---	---
15	329	326	328	364	356	361	---	---	---	---	---	---
16	328	325	326	366	333	348	---	---	---	---	---	---
17	327	324	325	335	329	332	---	---	---	---	---	---
18	327	324	325	335	326	330	---	---	---	---	---	---
19	329	324	326	335	328	331	---	---	---	---	---	---
20	328	325	327	336	327	331	---	---	---	---	---	---
21	329	327	328	333	326	329	---	---	---	---	---	---
22	339	328	330	334	327	330	---	---	---	---	---	---
23	336	331	333	333	323	328	---	---	---	---	---	---
24	337	328	333	334	326	330	---	---	---	---	---	---
25	333	327	330	331	327	329	---	---	---	---	---	---
26	340	332	335	331	315	323	---	---	---	---	---	---
27	348	340	344	317	306	310	---	---	---	---	---	---
28	350	346	348	312	304	308	---	---	---	---	---	---
29	349	345	347	318	304	309	---	---	---	---	---	---
30	349	345	347	318	307	313	---	---	---	---	---	---
31	---	---	---	324	313	319	---	---	---	---	---	---
MONTH	350	294	321	367	304	338	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	6.9	6.7	6.7
2	---	---	---	---	---	---	---	---	---	6.8	6.7	6.7
3	---	---	---	---	---	---	---	---	---	6.8	6.7	6.7
4	---	---	---	---	---	---	---	---	---	6.9	6.7	6.8
5	---	---	---	---	---	---	---	---	---	7.0	6.7	6.9
6	---	---	---	---	---	---	---	---	---	7.1	6.8	6.9
7	---	---	---	---	---	---	---	---	---	7.1	6.7	6.8
8	---	---	---	---	---	---	---	---	---	6.9	6.7	6.8
9	---	---	---	---	---	---	---	---	---	6.8	6.7	6.7
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	6.7	6.6	6.7
13	---	---	---	---	---	---	---	---	---	6.7	6.6	6.7
14	---	---	---	---	---	---	---	---	---	6.6	6.6	6.6
15	---	---	---	---	---	---	---	---	---	6.7	6.6	6.6
16	---	---	---	---	---	---	6.7	6.5	6.5	6.6	6.6	6.6
17	---	---	---	---	---	---	6.7	6.5	6.6	6.6	6.6	6.6
18	---	---	---	---	---	---	6.7	6.6	6.6	6.6	6.6	6.6
19	---	---	---	---	---	---	6.7	6.6	6.6	6.7	6.6	6.6
20	---	---	---	---	---	---	6.7	6.6	6.6	6.7	6.6	6.6
21	---	---	---	---	---	---	6.7	6.6	6.6	6.8	6.6	6.7
22	---	---	---	---	---	---	6.6	6.6	6.6	6.7	6.7	6.7
23	---	---	---	---	---	---	6.7	6.6	6.6	6.7	6.7	6.7
24	---	---	---	---	---	---	6.7	6.6	6.6	6.7	6.7	6.7
25	---	---	---	---	---	---	6.7	6.6	6.6	6.7	6.7	6.7
26	---	---	---	---	---	---	6.7	6.6	6.6	6.8	6.7	6.7
27	---	---	---	---	---	---	6.8	6.6	6.7	6.8	6.7	6.8
28	---	---	---	---	---	---	6.9	6.7	6.8	6.8	6.7	6.8
29	---	---	---	---	---	---	6.8	6.7	6.8	---	---	---
30	---	---	---	---	---	---	6.8	6.7	6.7	---	---	---
31	---	---	---	---	---	---	---	---	---	7.3	7.2	7.2
MONTH	---	---	---	---	---	---	---	---	---	7.3	6.6	6.7

MISSISSIPPI RIVER DELTA

091323200 RED EYE SWAMP 11.0 MILES NORTHEAST OF LOREAUVILLE, LA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	7.3	7.3	6.8	6.7	6.8	7.2	6.9	7.0	---	---	---
2	7.4	7.3	7.3	6.8	6.7	6.8	7.1	6.9	7.0	---	---	---
3	7.4	7.3	7.3	6.8	6.7	6.8	7.1	6.9	7.0	---	---	---
4	7.4	7.3	7.3	6.8	6.7	6.7	7.1	6.9	7.0	---	---	---
5	7.4	7.3	7.4	6.9	6.7	6.8	7.1	7.0	7.0	---	---	---
6	7.4	7.4	7.4	6.9	6.8	6.8	7.1	7.0	7.1	---	---	---
7	7.4	7.4	7.4	6.8	6.7	6.8	7.2	7.0	7.1	---	---	---
8	7.5	7.4	7.5	6.9	6.8	6.8	---	---	---	---	---	---
9	7.6	7.4	7.5	6.9	6.8	6.8	---	---	---	---	---	---
10	7.6	---	---	---	---	---	---	---	---	---	---	---
11	7.6	7.5	7.6	6.8	6.7	6.8	---	---	---	---	---	---
12	7.6	7.5	7.6	6.8	6.7	6.8	---	---	---	---	---	---
13	7.6	7.5	7.6	6.8	6.7	6.7	---	---	---	---	---	---
14	---	---	---	6.8	6.7	6.8	---	---	---	---	---	---
15	---	---	---	6.8	6.7	6.8	---	---	---	---	---	---
16	6.8	6.8	6.8	6.9	6.6	6.7	---	---	---	---	---	---
17	6.9	6.8	6.9	6.7	6.6	6.7	---	---	---	---	---	---
18	7.0	6.9	6.9	6.8	6.6	6.7	---	---	---	---	---	---
19	7.0	6.9	6.9	6.8	6.7	6.8	---	---	---	---	---	---
20	7.0	6.9	7.0	6.9	6.7	6.8	---	---	---	---	---	---
21	7.0	6.9	7.0	6.9	6.7	6.8	---	---	---	---	---	---
22	7.1	7.0	7.0	7.0	6.8	6.9	---	---	---	---	---	---
23	7.1	7.0	7.0	6.9	6.8	6.9	---	---	---	---	---	---
24	7.1	7.0	7.0	7.0	6.8	6.9	---	---	---	---	---	---
25	7.1	6.6	6.8	7.0	6.9	6.9	---	---	---	---	---	---
26	6.6	6.6	6.6	7.1	6.9	7.0	---	---	---	---	---	---
27	6.7	6.6	6.6	7.0	6.8	6.9	---	---	---	---	---	---
28	6.7	6.6	6.7	7.0	6.9	6.9	---	---	---	---	---	---
29	6.8	6.6	6.7	7.0	6.9	6.9	---	---	---	---	---	---
30	6.8	6.7	6.7	7.0	6.9	7.0	---	---	---	---	---	---
31	---	---	---	7.2	6.9	7.0	---	---	---	---	---	---
MONTH	7.6	6.6	7.1	7.2	6.6	6.8	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	25.0	22.2	23.2
2	---	---	---	---	---	---	---	---	---	24.5	23.1	23.6
3	---	---	---	---	---	---	---	---	---	24.1	22.3	23.2
4	---	---	---	---	---	---	---	---	---	24.8	22.7	23.4
5	---	---	---	---	---	---	---	---	---	25.1	23.0	24.0
6	---	---	---	---	---	---	---	---	---	26.6	24.1	25.1
7	---	---	---	---	---	---	---	---	---	26.5	24.6	25.6
8	---	---	---	---	---	---	---	---	---	26.7	24.7	25.7
9	---	---	---	---	---	---	---	---	---	26.6	25.1	25.9
10	---	---	---	---	---	---	---	---	---	26.7	24.4	25.9
11	---	---	---	---	---	---	---	---	---	26.6	24.5	25.7
12	---	---	---	---	---	---	---	---	---	25.9	24.4	25.1
13	---	---	---	---	---	---	---	---	---	25.4	24.7	25.1
14	---	---	---	---	---	---	---	---	---	25.6	24.7	25.2
15	---	---	---	---	---	---	---	---	---	26.0	25.0	25.5
16	---	---	---	---	---	---	21.6	20.0	20.6	25.8	24.8	25.4
17	---	---	---	---	---	---	21.1	19.8	20.4	25.7	25.0	25.4
18	---	---	---	---	---	---	21.0	20.1	20.5	25.7	25.1	25.4
19	---	---	---	---	---	---	22.6	20.5	21.4	25.9	25.3	25.5
20	---	---	---	---	---	---	24.4	21.9	23.1	26.0	25.3	25.7
21	---	---	---	---	---	---	25.4	23.6	24.5	26.0	25.5	25.7
22	---	---	---	---	---	---	25.6	24.5	25.0	26.0	25.6	25.8
23	---	---	---	---	---	---	25.6	23.9	24.7	26.2	25.7	26.0
24	---	---	---	---	---	---	24.5	22.3	23.3	26.3	25.9	26.0
25	---	---	---	---	---	---	25.4	22.2	23.6	26.3	26.0	26.1
26	---	---	---	---	---	---	25.6	23.7	24.6	26.6	26.2	26.4
27	---	---	---	---	---	---	28.3	24.4	25.9	26.9	26.3	26.5
28	---	---	---	---	---	---	27.9	25.0	26.4	26.8	26.4	26.5
29	---	---	---	---	---	---	26.5	23.7	25.5	---	---	---
30	---	---	---	---	---	---	23.7	21.6	22.8	---	---	---
31	---	---	---	---	---	---	---	---	---	25.9	25.6	25.8
MONTH	---	---	---	---	---	---	---	---	---	26.9	22.2	25.3

MISSISSIPPI RIVER DELTA

091323200 RED EYE SWAMP 11.0 MILES NORTHEAST OF LOREAUVILLE, LA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN
		JUNE				JULY			AUGUST				SEPTEMBER		
1	2.1	.7	1.0		2.9	1.8	2.4		---	---	---		---	---	---
2	1.3	.6	.9		3.1	2.1	2.5		---	---	---		---	---	---
3	1.6	.5	1.0		3.2	2.1	2.4		---	---	---		---	---	---
4	1.5	.7	1.1		3.1	1.9	2.4		---	---	---		---	---	---
5	2.1	1.1	1.5		---	---	---		---	---	---		---	---	---
6	1.8	1.1	1.5		---	---	---		---	---	---		---	---	---
7	1.8	1.0	1.4		---	---	---		---	---	---		---	---	---
8	2.0	1.2	1.6		---	---	---		---	---	---		---	---	---
9	2.5	1.3	1.9		---	---	---		---	---	---		---	---	---
10	2.6	1.5	2.1		---	---	---		---	---	---		---	---	---
11	2.4	1.7	2.1		---	---	---		---	---	---		---	---	---
12	2.0	1.4	1.7		---	---	---		---	---	---		---	---	---
13	1.6	1.2	1.4		---	---	---		---	---	---		---	---	---
14	2.1	.9	1.5		---	---	---		---	---	---		---	---	---
15	1.6	1.3	1.5		---	---	---		---	---	---		---	---	---
16	1.4	1.1	1.2		---	---	---		---	---	---		---	---	---
17	1.7	1.1	1.2		---	---	---		---	---	---		---	---	---
18	1.6	1.1	1.3		---	---	---		---	---	---		---	---	---
19	1.6	1.2	1.4		---	---	---		---	---	---		---	---	---
20	1.5	1.2	1.3		---	---	---		---	---	---		---	---	---
21	1.5	1.1	1.3		---	---	---		---	---	---		---	---	---
22	1.6	1.2	1.4		---	---	---		---	---	---		---	---	---
23	1.8	1.1	1.4		---	---	---		---	---	---		---	---	---
24	1.8	1.2	1.4		---	---	---		---	---	---		---	---	---
25	1.6	1.1	1.4		---	---	---		---	---	---		---	---	---
26	2.0	1.5	1.6		---	---	---		---	---	---		---	---	---
27	2.2	1.6	1.8		---	---	---		---	---	---		---	---	---
28	2.1	1.5	1.8		---	---	---		---	---	---		---	---	---
29	2.6	1.5	2.0		---	---	---		---	---	---		---	---	---
30	2.9	1.4	2.1		---	---	---		---	---	---		---	---	---
31	---	---	---		---	---	---		---	---	---		---	---	---
MONTH	2.9	.5	1.5		---	---	---		---	---	---		---	---	---

MISSISSIPPI RIVER DELTA

091324000 PIPELINE CANAL NEAR BAYOU CROOK CHENE 13.0 MILES NORTHEAST OF LOREAUVILLE, LA

LOCATION.--Lat 30 °07' 24", long 91°32' 40", St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 13.0 miles northeast of Loreauville, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1993 to current year.

GAGE.--Water-stage recorder with electromagnetic flowmeter. Datum of gage is 1.10 ft below sea level.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 16.18 ft, June 19, 1995; minimum recorded, 3.75 ft, Oct. 10, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 14.85 ft, June 11; but may have been higher during period of missing record; minimum recorded, 3.75 ft, Oct. 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.32	4.34	5.30	6.68	10.22	7.26	10.28	10.88	---	13.18	7.42	5.11
2	4.46	4.34	5.28	6.58	10.86	7.19	10.50	11.21	---	12.89	7.91	5.15
3	4.31	4.02	5.18	6.23	10.80	7.18	10.80	11.43	---	12.60	8.11	5.15
4	4.15	3.83	5.01	5.84	10.78	7.12	11.06	11.58	---	12.22	8.35	5.01
5	4.40	3.83	4.86	5.90	11.03	7.05	11.23	11.67	---	11.90	8.51	4.96
6	4.26	3.87	4.57	5.84	11.37	7.31	11.64	11.80	---	11.50	8.25	4.95
7	3.89	4.09	4.42	5.47	11.46	7.39	11.72	12.05	---	11.14	7.98	4.76
8	3.84	3.90	4.31	5.36	11.49	7.49	11.60	12.08	---	10.85	7.71	4.67
9	3.85	3.90	4.25	5.05	11.58	7.53	11.52	12.20	---	10.25	7.44	4.65
10	3.79	4.38	3.87	4.76	11.62	7.64	11.50	12.39	---	9.82	7.21	4.64
11	3.76	4.74	3.95	4.79	11.67	7.98	11.44	12.30	14.82	9.29	7.18	4.63
12	3.77	4.29	4.12	4.78	11.56	8.42	11.32	12.39	14.81	8.74	7.16	4.62
13	3.92	4.26	4.17	4.87	11.27	8.81	11.33	12.51	14.77	8.24	7.41	4.62
14	3.96	4.43	4.00	5.04	10.99	9.13	11.33	12.62	14.69	7.91	7.21	4.62
15	3.76	4.52	3.91	5.14	10.61	9.41	11.31	12.70	14.65	7.80	7.05	4.62
16	4.12	4.69	3.89	5.13	10.14	9.67	11.12	12.83	14.58	7.53	6.80	4.74
17	4.26	4.86	4.14	5.66	9.82	9.81	10.89	12.91	14.54	7.38	6.38	4.64
18	4.38	5.26	4.91	6.13	9.42	9.92	10.65	13.01	14.48	7.25	6.27	4.63
19	4.55	5.49	5.59	5.83	9.07	9.92	10.32	13.09	14.45	7.13	6.23	4.63
20	4.42	5.85	5.29	5.79	8.98	9.84	9.54	13.18	14.41	6.91	6.02	4.65
21	4.14	5.92	5.08	5.72	8.84	9.77	9.04	13.30	14.39	6.66	5.87	4.93
22	4.21	6.07	4.83	5.67	8.84	9.72	8.82	---	14.31	6.38	6.05	4.67
23	4.30	6.31	4.56	5.87	9.00	9.72	8.87	---	14.23	6.16	6.10	4.67
24	4.09	6.41	4.55	6.15	8.94	9.65	8.91	---	14.18	6.20	6.01	4.62
25	4.10	6.27	4.27	6.25	8.77	9.49	8.79	---	14.11	6.26	5.96	4.62
26	4.19	6.28	4.16	6.79	8.60	9.33	8.75	---	13.99	6.06	5.82	4.86
27	4.54	6.36	4.58	7.45	8.38	9.20	9.01	---	13.85	5.90	5.67	5.13
28	4.26	6.24	5.25	7.88	8.05	9.52	9.55	---	13.66	5.86	5.39	---
29	4.08	5.88	5.71	8.27	7.64	9.78	10.30	---	13.50	5.90	5.23	---
30	3.99	5.39	6.11	8.83	---	10.03	10.64	---	13.36	6.45	5.20	---
31	4.27	---	6.51	9.59	---	10.17	---	---	---	6.91	5.12	---
MEAN	4.14	5.00	4.73	6.11	10.06	8.79	10.46	---	---	8.49	6.74	---
MAX	4.55	6.41	6.51	9.59	11.67	10.17	11.72	---	---	13.18	8.51	---
MIN	3.76	3.83	3.87	4.76	7.64	7.05	8.75	---	---	5.86	5.12	---

MISSISSIPPI RIVER DELTA
91325300 OVBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE

LOCATION.--Lat 30°05' 24", long 91°32' 53", St. Martin Parish, Hydrologic Unit 08080101, on a three-pile platform between two cypress trees 14.6 miles north northwest of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder with electromagnetic flowmeter. Datum of gage is to an assumed elevation.

REMARKS.--No gage heights published for periods Oct. 1-Feb. 7, Aug. 31, Sept. 1 and 3, and Sept. 3-30, when below recordable stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 17.52 ft, June 13, 14, 1996, but may have been higher during periods of missing record; minimum recorded, 10.26 ft, Sept. 12, 1996, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 17.52 ft, June 13, 14, but may have been higher during periods of missing record; minimum recorded, 10.52 ft, Sept. 2, but may have been lower during periods of missing record.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	12.07	12.87	13.04	17.01	16.11	10.75	---
2	---	---	---	---	---	11.94	12.96	13.28	17.11	15.94	10.83	10.55
3	---	---	---	---	---	11.82	13.09	13.53	17.22	15.71	10.93	---
4	---	---	---	---	---	11.72	13.27	13.74	17.29	15.45	11.06	---
5	---	---	---	---	---	11.63	13.43	13.90	17.34	15.16	11.17	---
6	---	---	---	---	---	11.56	13.62	14.03	17.37	14.88	11.34	---
7	---	---	---	---	---	11.47	13.83	14.17	17.41	14.62	11.51	---
8	---	---	---	---	13.73	11.40	13.98	14.31	17.49	14.41	11.57	---
9	---	---	---	---	13.89	11.36	14.04	14.43	17.48	14.15	11.54	---
10	---	---	---	---	14.02	11.34	14.07	14.57	17.48	13.81	11.50	---
11	---	---	---	---	14.10	11.36	14.09	14.71	17.49	13.52	11.61	---
12	---	---	---	---	14.14	11.42	14.09	14.75	17.49	13.21	11.68	---
13	---	---	---	---	14.15	11.51	14.09	14.79	17.51	12.93	11.63	---
14	---	---	---	---	14.10	11.64	14.08	14.88	17.48	12.68	11.56	---
15	---	---	---	---	14.00	11.80	14.04	14.97	17.44	12.46	11.47	---
16	---	---	---	---	13.83	11.99	13.99	15.08	17.37	12.26	11.38	---
17	---	---	---	---	13.64	12.20	13.94	15.18	17.31	12.12	11.29	---
18	---	---	---	---	13.44	12.39	13.87	15.27	17.26	11.99	11.20	---
19	---	---	---	---	13.24	12.51	13.76	15.37	17.24	11.85	11.11	---
20	---	---	---	---	13.04	12.59	13.60	15.46	17.22	11.72	11.06	---
21	---	---	---	---	12.88	12.65	13.34	15.56	17.15	11.60	11.00	---
22	---	---	---	---	12.74	12.69	13.10	15.68	17.12	11.48	10.96	---
23	---	---	---	---	12.66	12.73	12.88	15.81	17.09	11.36	10.89	---
24	---	---	---	---	12.60	12.78	12.73	15.93	17.07	11.26	10.83	---
25	---	---	---	---	12.55	12.79	12.65	16.07	17.01	11.19	10.77	---
26	---	---	---	---	12.49	12.76	12.56	16.24	16.87	11.14	10.72	---
27	---	---	---	---	12.41	12.71	12.50	16.42	16.74	11.05	10.68	---
28	---	---	---	---	12.30	12.68	12.50	16.58	16.60	10.96	10.68	---
29	---	---	---	---	12.17	12.68	12.61	16.71	16.43	10.87	10.65	---
30	---	---	---	---	---	12.75	12.81	16.84	16.27	10.80	10.64	---
31	---	---	---	---	---	12.83	---	16.92	---	10.74	---	---
MEAN	---	---	---	---	---	12.12	13.41	15.10	17.18	12.82	---	---
MAX	---	---	---	---	---	12.83	14.09	16.92	17.51	16.11	---	---
MIN	---	---	---	---	---	11.34	12.50	13.04	16.27	10.74	---	---

MISSISSIPPI RIVER DELTA
91325300 OVERBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE--Continued
WATER-QUALITY RECORDS

LOCATION.--Lat 30°05' 24", long 91°32' 53", St. Martin Parish, Hydrologic Unit 08080101, on a three-pile platform between two cypress trees 14.6 miles north northwest of Charenton, LA.

PERIOD OF RECORD.--Water years 1994 to current year.

PERIOD OF DAILY RECORD.--Water years 1994 to current year.

SPECIFIC CONDUCTANCE: Water years 1994 to current year.

pH: Water years 1994 to current year.

WATER TEMPERATURES: Water years 1994 to current year.

DISSOLVED OXYGEN: Water years 1994 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1993.

REMARKS.--Extremes for current year for specific conductance, pH, water temperature, and dissolved oxygen are not published because the number of missing days exceeded 20 % of the year. The water-quality monitor was out of water from Oct. 1-Feb. 7, and Aug. 20-Sept. 30.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 522 microsiemens, July 13, 1995, but may have been higher during period of missing record; minimum daily, 122 microsiemens, July 17, Aug. 30, 1994, but may have been lower during period of missing record.

pH: Maximum daily, 8.2 units, Dec. 2, 1993, but may have been higher during period of missing record; minimum daily, 6.0 units, July 14, Aug. 26, 1994, but may have been lower during period of missing record.

WATER TEMPERATURES: Maximum daily, 30.9°C, July 18, 1994, but may have been higher during period of missing record; minimum daily, 5.8°C, Feb. 8, 1996, but may have been lower during period of missing record.

DISSOLVED OXYGEN: Maximum daily, 8.7 mg/L, July 12, 1994, but may have been higher during period of missing record; minimum daily, 0.0 mg/L, several days in June 1994 and July 16, 1994, but may have been 0.0 mg/L during period of missing record.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	309	306	307	367	345	354	390	378	384
2	---	---	---	314	307	310	357	345	354	391	382	385
3	---	---	---	315	310	312	358	350	355	389	384	386
4	---	---	---	317	313	315	361	356	358	391	386	387
5	---	---	---	324	316	319	363	338	355	391	387	389
6	---	---	---	329	324	326	340	322	333	388	368	379
7	---	---	---	328	325	327	347	333	341	381	356	365
8	382	372	378	328	325	326	347	322	331	359	344	351
9	397	369	388	332	324	327	334	320	327	346	337	341
10	414	397	405	337	327	332	346	319	334	369	335	352
11	421	413	418	344	332	336	349	340	343	390	355	371
12	421	414	417	351	337	344	350	344	347	398	364	379
13	417	386	403	358	348	352	350	343	347	376	359	365
14	389	357	372	358	351	354	359	346	353	363	347	354
15	363	347	355	358	352	355	353	341	349	350	334	343
16	350	318	334	362	355	356	345	339	342	338	326	332
17	320	304	310	365	355	360	345	339	342	326	315	321
18	307	300	303	367	353	360	352	344	349	315	311	314
19	301	298	300	364	358	361	365	348	355	312	308	310
20	300	296	298	362	357	359	366	350	355	312	308	310
21	300	296	297	373	361	366	359	352	355	314	309	311
22	307	300	302	376	366	371	366	352	361	314	311	312
23	305	299	302	379	367	374	374	364	371	312	310	311
24	309	303	305	379	368	373	381	373	376	310	306	308
25	317	308	312	380	369	374	380	373	377	307	304	306
26	322	313	318	378	368	370	387	376	381	305	302	304
27	326	318	322	369	358	366	386	378	383	305	301	303
28	332	312	323	376	369	374	389	382	386	304	302	303
29	318	308	313	375	364	367	389	381	385	303	298	301
30	---	---	---	373	369	370	389	381	383	298	292	294
31	---	---	---	380	359	373	---	---	---	300	294	297
MONTH	---	---	---	380	306	349	389	319	356	398	292	338

MISSISSIPPI RIVER DELTA

91325300 OVBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	306	300	303	345	342	343	---	---	---	---	---	---
2	312	306	308	346	342	344	---	---	---	---	---	---
3	319	312	317	347	343	345	---	---	---	---	---	---
4	319	313	315	346	341	344	---	---	---	---	---	---
5	315	311	313	344	340	343	---	---	---	---	---	---
6	324	315	320	342	335	339	---	---	---	---	---	---
7	328	323	326	336	329	333	---	---	---	---	---	---
8	329	324	326	330	322	325	---	---	---	---	---	---
9	333	329	330	325	313	318	---	---	---	---	---	---
10	336	333	334	336	318	326	---	---	---	---	---	---
11	336	331	333	346	322	333	---	---	---	---	---	---
12	333	329	331	353	328	339	---	---	---	---	---	---
13	331	323	327	---	---	---	---	---	---	---	---	---
14	325	316	321	---	---	---	---	---	---	---	---	---
15	320	317	318	---	---	---	---	---	---	---	---	---
16	323	317	320	---	---	---	---	---	---	---	---	---
17	328	321	324	---	---	---	---	---	---	---	---	---
18	329	326	328	---	---	---	---	---	---	---	---	---
19	332	328	330	---	---	---	---	---	---	---	---	---
20	329	328	328	---	---	---	---	---	---	---	---	---
21	341	329	335	---	---	---	---	---	---	---	---	---
22	351	341	347	---	---	---	---	---	---	---	---	---
23	352	345	349	---	---	---	---	---	---	---	---	---
24	353	340	343	---	---	---	---	---	---	---	---	---
25	351	342	346	---	---	---	---	---	---	---	---	---
26	357	350	355	---	---	---	---	---	---	---	---	---
27	358	354	356	---	---	---	---	---	---	---	---	---
28	355	346	352	---	---	---	---	---	---	---	---	---
29	349	343	347	---	---	---	---	---	---	---	---	---
30	344	341	343	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	358	300	331	---	---	---	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	7.0	7.0	7.0	6.8	6.6	6.7	6.9	6.8	6.9
2	---	---	---	7.0	7.0	7.0	6.8	6.7	6.8	6.9	6.8	6.9
3	---	---	---	7.0	6.9	6.9	6.8	6.7	6.8	6.9	6.8	6.9
4	---	---	---	6.9	6.9	6.9	6.7	6.6	6.7	6.9	6.7	6.8
5	---	---	---	6.9	6.8	6.9	6.8	6.6	6.7	6.8	6.7	6.8
6	---	---	---	6.8	6.8	6.8	6.8	6.7	6.8	6.8	6.7	6.7
7	---	---	---	7.0	6.8	6.9	6.7	6.7	6.7	6.8	6.6	6.7
8	7.1	7.0	7.1	7.0	7.0	7.0	6.7	6.7	6.7	6.7	6.6	6.6
9	7.1	7.1	7.1	7.0	7.0	7.0	6.7	6.6	6.7	6.7	6.6	6.6
10	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.8	6.6	6.7
11	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.7	7.0	6.7	6.8
12	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.7	6.8	6.8	6.7	6.8
13	7.0	6.9	6.9	7.0	6.9	6.9	6.9	6.7	6.8	6.8	6.8	6.8
14	7.2	7.0	7.0	7.0	6.9	7.0	7.0	6.7	6.8	6.8	6.8	6.8
15	7.1	7.0	7.0	7.0	6.8	6.9	7.0	6.8	6.9	6.8	6.7	6.7
16	7.3	7.0	7.2	6.9	6.8	6.9	7.0	6.9	6.9	6.8	6.8	6.8
17	7.3	7.2	7.3	6.9	6.6	6.7	6.9	6.8	6.9	6.9	6.8	6.8
18	7.3	7.1	7.2	7.0	6.6	6.8	6.9	6.8	6.9	6.9	6.8	6.8
19	7.1	7.0	7.1	7.1	6.9	7.0	6.9	6.7	6.8	6.9	6.8	6.8
20	7.1	7.0	7.0	7.1	7.0	7.0	6.9	6.7	6.8	6.9	6.9	6.9
21	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.8	6.9	6.8	6.8
22	7.0	6.9	7.0	7.0	7.0	7.0	6.9	6.7	6.8	6.9	6.8	6.9
23	7.0	6.9	7.0	7.0	6.8	7.0	6.9	6.8	6.8	7.0	6.9	6.9
24	7.0	6.9	7.0	7.0	6.8	6.9	6.8	6.7	6.8	7.0	6.9	6.9
25	7.0	6.8	6.9	7.0	6.8	6.9	6.9	6.8	6.8	7.0	6.9	7.0
26	6.9	6.8	6.8	7.0	6.9	7.0	7.0	6.8	6.9	7.0	7.0	7.0
27	6.8	6.7	6.8	7.0	6.9	6.9	7.0	6.8	6.9	7.0	6.9	7.0
28	6.9	6.7	6.8	6.9	6.8	6.8	6.9	6.8	6.9	7.1	7.0	7.0
29	7.0	6.9	7.0	7.0	6.8	6.9	7.0	6.9	6.9	7.1	7.0	7.1
30	---	---	---	6.9	6.6	6.8	7.0	6.9	7.0	7.2	6.9	7.0
31	---	---	---	6.8	6.5	6.6	---	---	---	7.0	7.0	7.0
MONTH	---	---	---	7.1	6.5	6.9	7.0	6.6	6.8	7.2	6.6	6.8

MISSISSIPPI RIVER DELTA

91325300 OVERBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.1	7.0	7.0	7.0	6.9	7.0	---	---	---	---	---	---
2	7.1	7.0	7.1	7.1	7.0	7.0	---	---	---	---	---	---
3	7.2	7.1	7.1	7.2	7.0	7.1	---	---	---	---	---	---
4	7.2	7.1	7.2	7.2	7.1	7.1	---	---	---	---	---	---
5	7.2	7.2	7.2	7.5	7.2	7.3	---	---	---	---	---	---
6	7.2	7.2	7.2	7.4	7.2	7.3	---	---	---	---	---	---
7	---	---	---	7.3	7.2	7.2	---	---	---	---	---	---
8	7.3	7.3	7.3	7.3	7.2	7.2	---	---	---	---	---	---
9	7.4	7.3	7.3	7.3	7.2	7.2	---	---	---	---	---	---
10	7.4	7.3	7.4	7.4	7.2	7.3	---	---	---	---	---	---
11	7.4	7.4	7.4	7.6	7.3	7.4	---	---	---	---	---	---
12	7.4	7.4	7.4	7.9	7.3	7.5	---	---	---	---	---	---
13	7.5	7.4	7.4	7.7	7.4	7.5	---	---	---	---	---	---
14	7.5	7.2	7.4	---	---	---	---	---	---	---	---	---
15	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
16	7.2	7.1	7.2	---	---	---	---	---	---	---	---	---
17	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
18	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
19	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
20	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
21	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
22	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
23	7.0	6.8	6.9	---	---	---	---	---	---	---	---	---
24	7.0	6.8	6.9	---	---	---	---	---	---	---	---	---
25	6.9	6.8	6.9	---	---	---	---	---	---	---	---	---
26	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
27	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
28	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
29	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
30	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	7.5	6.8	7.1	---	---	---	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	12.5	11.2	11.7	20.8	18.3	19.4	26.9	20.9	23.0
2	---	---	---	11.5	10.2	10.8	18.9	17.0	17.8	25.4	21.8	23.2
3	---	---	---	12.5	11.5	12.0	18.2	17.8	18.0	25.9	22.7	23.8
4	---	---	---	14.1	12.5	13.4	18.6	18.0	18.3	25.4	23.7	24.4
5	---	---	---	16.2	14.1	15.1	19.3	18.5	18.8	25.4	24.8	25.1
6	---	---	---	17.7	16.1	17.0	18.5	16.6	17.4	25.7	25.1	25.4
7	---	---	---	19.1	10.1	14.5	16.6	15.6	16.2	25.9	25.0	25.4
8	6.6	5.8	6.2	10.5	7.5	9.0	17.4	16.3	16.9	25.5	24.9	25.2
9	9.3	6.6	7.0	8.3	6.0	7.3	18.3	17.2	17.8	25.4	24.9	25.1
10	8.3	7.3	7.8	8.8	6.0	7.4	19.8	17.8	19.3	25.0	24.9	25.1
11	9.1	8.2	8.7	9.7	6.8	8.1	21.7	18.4	19.2	25.7	24.8	25.1
12	9.8	9.0	9.4	12.7	8.7	10.3	20.9	19.1	19.8	25.1	24.2	24.4
13	10.5	9.8	10.2	15.4	12.3	13.3	20.7	19.7	20.1	24.3	23.8	24.0
14	10.9	10.4	10.7	18.1	15.1	16.3	23.5	19.9	20.9	23.9	23.4	23.6
15	11.2	10.8	11.0	19.3	17.7	18.5	22.7	20.3	21.3	23.8	23.1	23.5
16	11.6	11.1	11.4	20.3	19.3	19.8	21.3	19.5	20.3	23.6	22.9	23.4
17	11.3	10.2	10.5	20.4	19.8	20.0	20.6	19.4	20.1	23.6	22.9	23.3
18	10.5	10.3	10.4	21.3	17.2	19.6	21.5	19.6	20.3	23.4	22.8	23.1
19	11.6	10.5	10.8	18.2	14.7	16.5	23.4	20.7	21.5	23.4	22.8	23.1
20	11.9	11.2	11.5	16.6	13.6	15.0	25.9	21.9	23.2	23.5	22.9	23.3
21	12.9	11.9	12.4	16.9	12.7	14.0	26.0	22.8	24.2	23.7	23.2	23.5
22	14.1	12.8	13.5	14.9	13.8	14.4	25.7	23.3	24.3	23.8	23.4	23.6
23	15.4	14.1	14.8	16.2	14.8	15.3	25.1	22.5	23.8	24.0	23.6	23.8
24	16.4	15.2	15.8	19.0	16.2	17.6	25.2	21.0	22.9	24.0	23.7	23.8
25	17.6	16.3	16.9	19.8	18.6	19.1	26.5	21.3	23.7	24.1	23.7	23.9
26	18.3	17.4	17.8	19.4	15.7	17.5	27.7	23.5	24.9	24.2	23.8	24.0
27	19.2	18.1	18.7	15.8	14.9	15.4	28.9	23.7	25.8	24.4	24.0	24.2
28	19.3	16.8	18.6	17.0	15.8	16.4	28.8	24.4	26.4	24.6	24.3	24.4
29	16.8	12.5	14.3	17.1	16.6	16.9	26.2	22.3	24.9	24.7	24.4	24.5
30	---	---	---	17.6	16.9	17.2	25.7	20.1	22.5	24.6	24.1	24.3
31	---	---	---	19.6	17.5	18.4	---	---	---	24.3	24.1	24.3
MONTH	---	---	---	21.3	6.0	14.8	28.9	15.6	21.0	26.9	20.9	24.1

MISSISSIPPI RIVER DELTA

91325300 OVERBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.8	24.3	24.6	27.4	27.0	27.2	---	---	---	---	---	---
2	25.1	24.8	24.9	27.7	27.3	27.5	---	---	---	---	---	---
3	25.3	25.1	25.1	28.1	27.6	27.8	---	---	---	---	---	---
4	25.3	25.0	25.1	28.4	27.9	28.1	---	---	---	---	---	---
5	25.1	24.8	25.0	28.7	28.2	28.4	---	---	---	---	---	---
6	25.3	25.0	25.1	28.9	28.5	28.7	---	---	---	---	---	---
7	25.4	25.2	25.3	29.5	28.9	29.1	---	---	---	---	---	---
8	25.4	24.9	25.1	29.3	28.1	28.7	---	---	---	---	---	---
9	25.1	24.5	24.7	28.8	27.6	28.2	---	---	---	---	---	---
10	24.8	24.5	24.6	29.6	28.1	28.8	---	---	---	---	---	---
11	24.8	24.6	24.7	30.2	28.4	29.2	---	---	---	---	---	---
12	24.9	24.7	24.8	31.6	28.9	30.0	---	---	---	---	---	---
13	25.0	24.5	24.7	31.0	29.2	30.0	---	---	---	---	---	---
14	24.5	24.1	24.3	---	---	---	---	---	---	---	---	---
15	24.1	24.0	24.0	---	---	---	---	---	---	---	---	---
16	24.3	24.1	24.2	---	---	---	---	---	---	---	---	---
17	24.5	24.3	24.4	---	---	---	---	---	---	---	---	---
18	24.7	24.5	24.6	---	---	---	---	---	---	---	---	---
19	25.0	24.7	24.9	---	---	---	---	---	---	---	---	---
20	25.0	24.8	24.9	---	---	---	---	---	---	---	---	---
21	25.1	24.8	25.0	---	---	---	---	---	---	---	---	---
22	25.6	25.1	25.4	---	---	---	---	---	---	---	---	---
23	26.1	25.5	25.7	---	---	---	---	---	---	---	---	---
24	25.8	25.4	25.6	---	---	---	---	---	---	---	---	---
25	25.4	25.3	25.4	---	---	---	---	---	---	---	---	---
26	25.8	25.4	25.6	---	---	---	---	---	---	---	---	---
27	26.3	25.7	26.0	---	---	---	---	---	---	---	---	---
28	26.6	26.2	26.4	---	---	---	---	---	---	---	---	---
29	26.8	26.5	26.7	---	---	---	---	---	---	---	---	---
30	27.1	26.7	26.9	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	27.1	24.0	25.1	---	---	---	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	.8	.7	.8	---	---	---	6.5	.8	2.3
2	---	---	---	.9	.8	.8	---	---	---	7.6	.8	2.8
3	---	---	---	.8	.7	.8	---	---	---	6.6	.8	2.1
4	---	---	---	.7	.7	.7	---	---	---	3.8	.8	1.3
5	---	---	---	.7	.6	.6	---	---	---	2.3	.2	.9
6	---	---	---	.6	.5	.6	---	---	---	.3	.2	.2
7	---	---	---	.9	.5	.7	---	---	---	7.8	.2	1.2
8	5.0	3.3	4.0	1.1	.9	1.0	---	---	---	1.3	.4	.8
9	3.9	1.9	2.7	1.2	1.0	1.1	---	---	---	2.8	.4	1.1
10	2.1	.9	1.6	1.2	1.0	1.1	---	---	---	4.5	1.2	2.5
11	2.0	.9	1.3	1.2	.9	1.1	6.4	2.8	4.1	3.8	.4	1.7
12	1.2	.8	.9	1.0	.7	.9	8.1	1.5	3.7	3.0	.4	1.0
13	2.6	.8	1.2	.8	.6	.7	8.1	2.2	4.0	.9	.2	.4
14	---	---	---	.7	.5	.6	7.3	1.0	2.4	.8	.2	.3
15	3.2	.9	1.9	.6	.5	.5	8.2	1.3	5.1	1.0	.2	.3
16	---	---	---	---	---	---	7.3	4.0	5.5	.8	.2	.3
17	---	---	---	---	---	---	6.3	2.8	4.3	.6	.2	.2
18	---	---	---	---	---	---	4.7	1.5	2.9	.4	.2	.2
19	---	---	---	---	---	---	3.9	.7	1.7	.4	.2	.2
20	---	---	---	---	---	---	3.9	1.0	2.3	.2	.2	.2
21	3.5	.6	1.5	---	---	---	---	---	---	.2	.2	.2
22	.9	.6	.6	---	---	---	4.6	.6	2.4	.2	.2	.2
23	1.0	.6	.6	---	---	---	2.8	.6	1.4	.3	.2	.2
24	1.3	.5	.6	---	---	---	4.8	.9	1.7	.7	.2	.2
25	.5	.5	.5	---	---	---	---	---	---	.6	.2	.2
26	.5	.5	.5	---	---	---	9.3	.4	3.7	.4	.2	.2
27	.5	.4	.5	---	---	---	---	---	---	1.2	.2	.5
28	.5	.4	.5	---	---	---	---	---	---	1.5	.3	.8
29	.7	.5	.6	---	---	---	---	---	---	1.4	.2	.7
30	---	---	---	---	---	---	---	---	---	2.9	.9	2.1
31	---	---	---	---	---	---	---	---	---	2.3	1.6	2.0
MONTH	---	---	---	---	---	---	---	---	---	7.8	.2	.9

MISSISSIPPI RIVER DELTA

091343800 FLORIDA GAS PIPELINE 10.3 MILES NORTHEAST OF LOREAUVILLE, LA

LOCATION.--Lat 30°05' 58", long 91°34' 38", St. Martin Parish, Hydrologic Unit 08080101, on a three-pile platform attached to a cypress tree 10.3 miles northeast of Loreauville, LA.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water data recorder with electromagnetic flowmeter. Gage datum is to an assumed elevation.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record. No gage heights published for periods Oct. 1-Nov. 17, Dec. 5-18, 22-27, Jan. 10, 11, Sept. 9-26 when below recordable stage.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 13.09 ft, May 11, 1994; minimum recorded, 2.20 ft, Sept. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 11.58 ft, June 11, 13; minimum recorded, 2.20 ft, Sept. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	3.05	4.37	7.44	5.01	7.57	8.04	11.28	10.39	5.03	2.84
2	---	---	3.03	4.29	7.98	4.91	7.74	8.33	11.37	10.19	5.48	2.87
3	---	---	2.93	3.96	8.03	4.88	7.99	8.52	11.42	9.95	5.69	2.88
4	---	---	2.77	3.60	8.02	4.81	8.21	8.67	11.46	9.65	5.89	2.74
5	---	---	2.73	3.65	8.22	4.74	8.37	8.77	11.47	9.37	6.05	2.69
6	---	---	---	3.59	8.51	4.94	8.71	8.89	11.48	9.03	5.85	2.67
7	---	---	---	3.23	8.64	5.02	8.80	9.08	11.49	8.70	5.63	2.45
8	---	---	---	3.12	8.72	5.10	8.75	9.12	11.54	8.44	5.39	2.31
9	---	---	---	2.81	8.80	5.13	8.71	9.23	11.54	7.93	5.14	---
10	---	---	---	---	8.86	5.22	8.70	9.39	11.54	7.52	4.93	---
11	---	---	---	---	8.91	5.50	8.67	9.35	11.55	7.03	4.90	---
12	---	---	---	2.58	8.85	5.88	8.62	---	11.55	6.51	4.88	---
13	---	---	---	2.62	8.65	6.23	8.60	---	11.55	6.02	5.10	---
14	---	---	---	2.78	8.44	6.51	8.61	9.61	11.52	5.69	4.92	---
15	---	---	---	2.89	8.14	6.76	8.58	9.67	11.49	5.57	4.76	---
16	---	---	---	2.87	7.74	6.99	8.44	9.78	11.45	5.31	4.53	---
17	---	---	---	3.37	7.45	7.13	8.27	9.85	11.41	5.16	4.13	---
18	---	2.92	---	3.83	7.10	7.23	---	9.93	11.37	5.02	4.01	---
19	---	3.15	3.34	3.55	6.76	7.26	---	10.00	11.35	4.88	3.96	---
20	---	3.56	3.07	3.51	6.65	7.20	---	10.08	11.32	4.68	3.78	---
21	---	3.72	2.86	3.46	6.51	7.15	---	10.20	11.29	4.43	3.62	---
22	---	3.87	2.78	3.40	6.47	7.12	---	10.30	11.24	4.14	3.78	---
23	---	4.10	---	3.59	6.58	7.12	---	10.40	11.20	3.92	3.83	---
24	---	4.19	---	3.84	6.53	7.08	6.48	10.48	11.18	3.94	3.75	---
25	---	4.06	---	3.93	6.38	6.97	6.36	10.62	11.13	4.00	3.69	---
26	---	4.06	---	4.42	6.23	6.83	---	10.73	11.03	3.81	3.56	---
27	---	4.15	---	5.04	6.03	6.71	6.52	10.84	10.92	3.65	3.41	3.06
28	---	4.03	2.99	5.44	5.74	6.93	6.96	10.93	10.78	3.61	3.13	3.16
29	---	3.69	3.43	5.78	5.37	7.14	---	11.04	10.65	3.63	2.96	3.21
30	---	3.18	3.81	6.26	---	7.35	7.83	11.13	10.53	4.13	2.93	3.50
31	---	---	4.20	6.88	---	7.48	---	11.17	---	4.57	2.85	---
MEAN	---	---	---	---	7.51	6.27	---	---	11.30	6.16	4.44	---
MAX	---	---	---	---	8.91	7.48	---	---	11.55	10.39	6.05	---
MIN	---	---	---	---	5.37	4.74	---	---	10.53	3.61	2.85	---

MISSISSIPPI RIVER DELTA
91344700 BAYOU CROOK CHENE ABOVE BAYOU EUGENE
WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1994 to current year.

pH: March 1994 to current year.

WATER TEMPERATURES: March 1994 to current year.

DISSOLVED OXYGEN: March 1994 to current year.

INSTRUMENTATION.--Water-quality monitor since March 1994.

REMARKS.--The water-quality monitor was out of the water from Oct. 1-Feb. 7, and Aug. 20-Sept. 30.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 604 microsiemens, Sept. 2, 1995; minimum daily, 199 microsiemens, Apr. 27, 1995.

pH: Maximum daily, 8.8 units, July 19, 1994; minimum daily, 6.7 units, Apr. 8, 1995.

WATER TEMPERATURES: Maximum daily, 32.6°C, July 28, 1995; minimum daily, 8.0°C, Jan. 5, 1995.

DISSOLVED OXYGEN: Maximum daily, 11.8 mg/L, Mar. 1-3, 1995, minimum daily, 2.8 mg/L, Sept. 8,9, 1995.

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	343	337	340	342	334	338
2	---	---	---	---	---	---	347	336	343	343	337	341
3	---	---	---	---	---	---	344	334	337	337	324	331
4	---	---	---	---	---	---	348	339	345	324	314	319
5	---	---	---	361	357	360	344	331	337	321	314	317
6	---	---	---	360	349	353	372	344	365	331	321	326
7	---	---	---	362	351	356	369	352	358	341	330	336
8	---	---	---	365	361	363	371	357	364	348	341	345
9	---	---	---	370	359	363	373	363	369	347	340	345
10	---	---	---	374	370	372	364	353	357	340	329	335
11	---	---	---	370	358	362	357	351	357	329	312	321
12	---	---	---	387	366	377	357	351	354	312	307	309
13	---	---	---	388	382	386	362	357	359	309	307	308
14	---	---	---	383	375	381	363	361	362	313	307	310
15	---	---	---	375	360	366	373	361	367	315	313	313
16	---	---	---	366	360	362	374	365	369	317	313	314
17	---	---	---	365	359	363	371	361	368	317	314	316
18	---	---	---	360	349	354	361	354	359	322	317	320
19	---	---	---	350	339	344	354	337	346	320	318	319
20	---	---	---	339	335	337	338	333	335	318	316	318
21	---	---	---	338	331	334	340	336	338	316	314	315
22	---	---	---	331	325	328	339	334	336	314	312	314
23	---	---	---	327	323	325	346	337	341	312	310	311
24	---	---	---	336	324	331	349	346	348	312	310	310
25	---	---	---	336	329	332	346	314	330	312	311	311
26	---	---	---	334	328	330	318	308	311	312	311	311
27	---	---	---	351	331	339	309	305	306	311	307	309
28	---	---	---	356	347	352	306	302	304	312	307	309
29	---	---	---	353	334	347	320	304	311	314	312	313
30	---	---	---	334	319	324	335	320	329	317	313	315
31	---	---	---	339	325	329	---	---	---	319	316	316
MONTH	---	---	---	388	319	351	374	302	345	348	307	320

MISSISSIPPI RIVER DELTA

91344700 BAYOU CROOK CHENE ABOVE BAYOU EUGENE--Continued

SPECIFIC CONDUCTANCE, $\mu\text{S}/\text{CM}$ AT 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

	JUNE			JULY			AUGUST			SEPTEMBER		
1	328	318	324	361	352	356	447	440	443	---	---	---
2	326	321	323	372	361	367	445	434	439	---	---	---
3	321	319	319	377	372	375	434	419	429	---	---	---
4	327	319	324	377	372	375	420	413	416	---	---	---
5	330	327	328	374	371	372	415	405	410	---	---	---
6	335	330	332	377	370	372	405	383	393	---	---	---
7	339	335	338	384	376	380	387	369	380	---	---	---
8	339	337	339	387	378	383	369	346	358	---	---	---
9	339	333	337	384	379	382	346	329	334	---	---	---
10	333	328	330	400	384	393	329	317	324	---	---	---
11	328	323	326	406	400	404	330	318	323	---	---	---
12	---	---	---	401	385	395	336	328	332	---	---	---
13	---	---	---	385	374	380	341	328	334	---	---	---
14	---	---	---	374	369	371	356	338	345	---	---	---
15	---	---	---	383	365	375	381	356	367	---	---	---
16	---	---	---	383	373	377	395	381	388	---	---	---
17	---	---	---	382	372	377	403	393	397	---	---	---
18	---	---	---	403	378	390	405	396	401	---	---	---
19	---	---	---	411	393	402	408	398	403	---	---	---
20	---	---	---	417	408	411	---	---	---	---	---	---
21	---	---	---	424	408	416	---	---	---	---	---	---
22	---	---	---	456	422	437	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	487	473	478	---	---	---	---	---	---
25	---	---	---	493	475	484	---	---	---	---	---	---
26	348	345	346	521	491	509	---	---	---	---	---	---
27	346	343	344	541	513	530	---	---	---	---	---	---
28	347	342	344	533	490	511	---	---	---	---	---	---
29	349	345	347	490	458	471	---	---	---	---	---	---
30	352	348	350	458	443	447	---	---	---	---	---	---
31	---	---	---	448	439	443	---	---	---	---	---	---
MONTH	---	---	---	541	352	414	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	7.7	7.7	7.7	7.3	7.2	7.2
2	---	---	---	---	---	---	7.7	7.7	7.7	7.3	7.2	7.3
3	---	---	---	---	---	---	7.7	7.7	7.7	7.3	7.2	7.3
4	---	---	---	---	---	---	7.7	7.7	7.7	7.2	7.2	7.2
5	---	---	---	7.5	7.4	7.5	7.7	7.7	7.7	7.2	7.2	7.2
6	---	---	---	7.5	7.5	7.5	7.8	7.7	7.7	7.2	7.2	7.2
7	---	---	---	7.6	7.5	7.6	7.8	7.7	7.8	7.2	7.2	7.2
8	---	---	---	7.7	7.6	7.6	7.8	7.8	7.8	7.2	7.2	7.2
9	---	---	---	7.7	7.7	7.7	7.8	7.8	7.8	7.2	7.2	7.2
10	---	---	---	7.7	7.7	7.7	7.8	7.8	7.8	7.2	7.1	7.2
11	---	---	---	7.7	7.7	7.7	7.8	7.1	7.6	7.1	7.1	7.1
12	---	---	---	7.8	7.7	7.8	7.6	7.5	7.5	7.1	7.1	7.1
13	---	---	---	7.8	7.7	7.8	7.6	7.6	7.6	7.2	7.1	7.1
14	---	---	---	7.8	7.8	7.8	7.6	7.5	7.6	7.2	7.2	7.2
15	---	---	---	7.8	7.8	7.8	7.6	7.5	7.6	7.3	7.2	7.3
16	---	---	---	7.8	7.7	7.8	7.6	7.5	7.5	7.3	7.3	7.3
17	---	---	---	7.8	7.7	7.8	7.5	7.5	7.5	7.3	7.3	7.3
18	---	---	---	7.8	7.7	7.8	7.5	7.5	7.5	7.4	7.3	7.3
19	---	---	---	7.8	7.7	7.8	7.5	7.5	7.5	7.4	7.4	7.4
20	---	---	---	7.8	7.8	7.8	7.5	7.5	7.5	7.4	7.4	7.4
21	---	---	---	7.8	7.8	7.8	7.5	7.3	7.4	7.4	7.4	7.4
22	---	---	---	7.8	7.7	7.8	7.4	7.3	7.4	7.4	7.4	7.4
23	---	---	---	7.8	7.8	7.8	7.4	7.4	7.4	7.4	7.4	7.4
24	---	---	---	7.8	7.8	7.8	7.4	7.4	7.4	7.4	7.4	7.4
25	---	---	---	7.8	7.8	7.8	7.4	7.3	7.4	7.4	7.4	7.4
26	---	---	---	7.8	7.8	7.8	7.3	7.2	7.3	7.4	7.4	7.4
27	---	---	---	7.8	7.7	7.8	7.2	7.1	7.2	7.4	7.4	7.4
28	---	---	---	7.8	7.7	7.7	7.2	7.1	7.2	7.4	7.4	7.4
29	---	---	---	7.7	7.7	7.7	7.2	7.2	7.2	7.4	7.4	7.4
30	---	---	---	7.7	7.7	7.7	7.3	7.2	7.3	7.4	7.0	7.3
31	---	---	---	7.7	7.7	7.7	---	---	---	7.2	7.1	7.2
MONTH	---	---	---	7.8	7.4	7.7	7.8	7.1	7.5	7.4	7.0	7.3

MISSISSIPPI RIVER DELTA

91344700 BAYOU CROOK CHENE ABOVE BAYOU EUGENE--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	7.2	7.2	---	---	---	8.2	8.0	8.1	---	---	---
2	7.3	7.2	7.2	---	---	---	8.2	8.1	8.1	---	---	---
3	7.2	7.2	7.2	---	---	---	8.1	8.0	8.1	---	---	---
4	7.3	7.2	7.2	---	---	---	8.1	7.9	8.0	---	---	---
5	7.2	7.2	7.2	---	---	---	7.9	7.9	7.9	---	---	---
6	7.2	7.1	7.2	---	---	---	7.9	7.8	7.9	---	---	---
7	7.2	7.1	7.2	---	---	---	7.9	7.7	7.8	---	---	---
8	7.2	7.2	7.2	---	---	---	7.8	7.7	7.7	---	---	---
9	7.2	7.1	7.1	---	---	---	7.8	7.6	7.7	---	---	---
10	7.1	7.1	7.1	---	---	---	7.7	7.6	7.7	---	---	---
11	7.1	7.0	7.1	---	---	---	7.7	7.6	7.6	---	---	---
12	---	---	---	---	---	---	7.6	7.5	7.6	---	---	---
13	---	---	---	---	---	---	7.7	7.5	7.6	---	---	---
14	---	---	---	---	---	---	7.7	7.6	7.7	---	---	---
15	---	---	---	---	---	---	7.8	7.6	7.6	---	---	---
16	---	---	---	8.0	7.9	8.0	7.8	7.6	7.7	---	---	---
17	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8	---	---	---
18	---	---	---	8.0	7.9	8.0	7.9	7.7	7.8	---	---	---
19	---	---	---	8.1	8.0	8.1	7.9	7.7	7.8	---	---	---
20	---	---	---	8.1	7.9	8.1	---	---	---	---	---	---
21	---	---	---	8.0	7.9	8.0	---	---	---	---	---	---
22	---	---	---	8.1	8.0	8.0	---	---	---	---	---	---
23	---	---	---	8.2	8.0	8.1	---	---	---	---	---	---
24	---	---	---	8.1	7.9	8.0	---	---	---	---	---	---
25	---	---	---	8.1	8.0	8.0	---	---	---	---	---	---
26	---	---	---	8.1	8.0	8.1	---	---	---	---	---	---
27	---	---	---	8.2	8.0	8.1	---	---	---	---	---	---
28	---	---	---	8.1	8.0	8.0	---	---	---	---	---	---
29	---	---	---	8.1	8.0	8.0	---	---	---	---	---	---
30	---	---	---	8.1	8.0	8.1	---	---	---	---	---	---
31	---	---	---	8.2	8.1	8.1	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	11.7	10.8	11.1	19.8	19.0	19.3
2	---	---	---	---	---	---	11.3	10.5	10.8	19.5	19.0	19.2
3	---	---	---	---	---	---	11.0	10.5	10.7	19.5	18.8	19.1
4	---	---	---	---	---	---	11.3	10.6	10.9	19.4	18.8	19.1
5	---	---	---	10.5	9.6	9.9	11.2	10.9	11.0	19.7	19.0	19.3
6	---	---	---	10.7	10.3	10.5	11.3	10.8	11.0	19.7	19.1	19.4
7	---	---	---	10.7	9.3	9.9	11.3	10.5	10.9	19.8	19.1	19.3
8	---	---	---	9.8	9.0	9.4	11.8	10.9	11.3	19.5	19.0	19.2
9	---	---	---	9.6	8.6	9.2	11.9	11.2	11.5	19.4	18.7	19.0
10	---	---	---	9.9	8.7	9.4	12.0	11.3	11.6	19.1	18.5	18.7
11	---	---	---	9.7	8.6	9.1	12.3	11.5	11.9	18.6	18.5	18.6
12	---	---	---	9.5	8.2	8.8	12.5	11.8	12.1	19.4	18.5	18.9
13	---	---	---	9.3	8.3	8.7	12.7	12.0	12.3	19.6	19.0	19.3
14	---	---	---	9.2	8.1	8.6	13.0	12.2	12.5	19.9	19.2	19.5
15	---	---	---	9.2	8.2	8.6	13.2	12.4	12.8	20.0	19.4	19.6
16	---	---	---	9.2	8.5	8.8	13.7	12.6	13.1	20.1	19.4	19.8
17	---	---	---	9.5	8.8	9.1	14.1	13.3	13.7	20.7	19.9	20.3
18	---	---	---	9.8	8.9	9.2	14.5	13.8	14.2	21.1	20.4	20.7
19	---	---	---	9.7	8.8	9.2	15.8	14.4	15.0	21.4	20.7	21.0
20	---	---	---	9.5	8.7	9.1	17.1	15.6	16.3	21.6	21.0	21.2
21	---	---	---	9.8	8.7	9.2	18.0	16.5	17.2	21.9	21.1	21.5
22	---	---	---	10.0	8.9	9.4	18.2	17.2	17.7	22.1	21.4	21.7
23	---	---	---	10.2	9.1	9.6	18.3	17.6	18.0	22.4	21.8	22.1
24	---	---	---	10.4	9.5	10.0	19.0	17.5	18.2	22.6	22.0	22.3
25	---	---	---	11.1	10.2	10.6	19.8	18.1	18.9	22.9	22.2	22.5
26	---	---	---	10.4	9.7	10.0	20.2	19.1	19.6	23.1	22.5	22.8
27	---	---	---	10.9	9.6	10.2	20.6	19.5	20.0	23.4	22.8	23.1
28	---	---	---	11.0	10.3	10.6	20.7	19.6	20.0	23.9	23.2	23.5
29	---	---	---	11.0	10.3	10.6	20.0	19.4	19.8	23.9	23.6	23.7
30	---	---	---	11.2	10.6	10.9	19.7	19.0	19.3	24.2	23.5	23.8
31	---	---	---	11.8	10.8	11.2	---	---	---	24.3	23.8	24.0
MONTH	---	---	---	11.8	8.1	9.6	20.7	10.5	14.4	24.3	18.5	20.7

MISSISSIPPI RIVER DELTA

91344700 BAYOU CROOK CHENE ABOVE BAYOU EUGENE--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	24.1	24.3	28.7	28.1	28.4	29.6	29.1	29.3	---	---	---
2	24.9	24.2	24.5	29.1	28.5	28.8	29.1	28.7	28.9	---	---	---
3	24.8	24.4	24.6	29.5	28.9	29.1	29.5	28.6	29.0	---	---	---
4	24.8	24.4	24.6	29.7	29.1	29.4	29.6	28.5	29.0	---	---	---
5	25.0	24.4	24.7	29.9	29.2	29.5	29.6	28.6	29.0	---	---	---
6	25.0	24.6	24.8	30.1	29.3	29.7	28.9	28.6	28.8	---	---	---
7	24.9	24.6	24.7	30.2	29.4	29.8	29.2	28.3	28.7	---	---	---
8	24.9	24.4	24.6	29.5	29.1	29.3	29.9	28.5	29.2	---	---	---
9	24.6	24.3	24.4	29.8	28.9	29.3	30.1	28.9	29.6	---	---	---
10	24.3	23.9	24.1	30.1	29.1	29.6	30.0	29.1	29.6	---	---	---
11	24.1	23.7	23.9	30.2	29.2	29.7	29.7	28.9	29.0	---	---	---
12	---	---	---	30.6	29.7	30.0	29.3	28.6	29.0	---	---	---
13	---	---	---	30.4	29.8	30.0	29.8	28.7	29.2	---	---	---
14	---	---	---	30.4	29.4	29.7	29.9	28.9	29.4	---	---	---
15	---	---	---	30.0	29.1	29.4	30.0	28.9	29.5	---	---	---
16	---	---	---	30.1	29.2	29.4	29.9	28.9	29.5	---	---	---
17	---	---	---	29.3	29.0	29.2	30.0	29.2	29.7	---	---	---
18	---	---	---	29.8	28.9	29.2	30.0	29.1	29.7	---	---	---
19	---	---	---	29.9	28.7	29.3	30.1	29.2	29.7	---	---	---
20	---	---	---	29.8	29.0	29.4	---	---	---	---	---	---
21	---	---	---	30.0	29.3	29.6	---	---	---	---	---	---
22	---	---	---	31.3	29.6	30.0	---	---	---	---	---	---
23	---	---	---	31.7	29.8	30.4	---	---	---	---	---	---
24	---	---	---	30.5	30.0	30.2	---	---	---	---	---	---
25	---	---	---	30.3	29.6	30.0	---	---	---	---	---	---
26	26.8	26.1	26.4	29.8	29.2	29.4	---	---	---	---	---	---
27	27.1	26.6	26.8	30.0	29.0	29.5	---	---	---	---	---	---
28	27.6	26.9	27.2	29.9	29.4	29.6	---	---	---	---	---	---
29	27.8	27.2	27.5	30.0	28.9	29.6	---	---	---	---	---	---
30	28.3	27.6	27.9	30.2	29.1	29.7	---	---	---	---	---	---
31	---	---	---	30.2	29.4	29.8	---	---	---	---	---	---
MONTH	---	---	---	31.7	28.1	29.5	---	---	---	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	10.7	10.6	10.6	---	---	---
2	---	---	---	---	---	---	10.7	10.4	10.6	---	---	---
3	---	---	---	---	---	---	10.7	10.5	10.6	---	---	---
4	---	---	---	---	---	---	10.6	10.5	10.6	---	---	---
5	---	---	---	11.2	11.0	11.1	10.5	10.3	10.4	---	---	---
6	---	---	---	11.0	10.9	10.9	---	---	---	---	---	---
7	---	---	---	10.9	10.9	10.9	---	---	---	---	---	---
8	---	---	---	11.0	10.8	10.9	---	---	---	---	---	---
9	---	---	---	11.0	10.8	10.9	---	---	---	---	---	---
10	---	---	---	10.9	10.8	10.8	---	---	---	---	---	---
11	---	---	---	11.1	10.8	11.0	---	---	---	---	---	---
12	---	---	---	11.2	11.0	11.1	9.2	9.2	9.2	---	---	---
13	---	---	---	11.3	11.1	11.2	9.2	9.1	9.2	---	---	---
14	---	---	---	11.4	11.3	11.3	9.1	9.0	9.0	7.5	7.5	7.5
15	---	---	---	11.4	11.3	11.4	9.0	8.9	9.0	7.5	7.4	7.5
16	---	---	---	11.4	11.1	11.2	8.9	8.7	8.8	7.4	7.3	7.4
17	---	---	---	11.2	10.9	11.1	8.7	8.4	8.6	7.4	7.2	7.3
18	---	---	---	11.1	11.0	11.1	8.5	8.2	8.3	7.2	7.0	7.1
19	---	---	---	11.2	11.1	11.1	8.2	8.0	8.1	7.0	6.9	7.0
20	---	---	---	11.2	11.1	11.2	8.1	7.7	7.9	6.9	6.8	6.9
21	---	---	---	11.2	11.1	11.1	7.8	7.4	7.6	6.8	6.6	6.7
22	---	---	---	11.1	11.0	11.1	7.4	7.3	7.3	6.6	6.4	6.5
23	---	---	---	11.1	11.1	11.1	7.4	7.2	7.3	6.4	6.3	6.4
24	---	---	---	11.1	11.0	11.1	7.3	7.1	7.2	6.3	6.1	6.2
25	---	---	---	11.1	11.0	11.0	---	---	---	6.1	5.9	6.0
26	---	---	---	11.1	11.0	11.0	---	---	---	5.9	5.8	5.8
27	---	---	---	11.0	10.7	10.9	---	---	---	5.8	5.7	5.8
28	---	---	---	10.8	10.6	10.7	---	---	---	5.7	5.6	5.7
29	---	---	---	10.7	10.6	10.6	---	---	---	5.6	5.5	5.6
30	---	---	---	10.6	10.5	10.6	---	---	---	5.7	5.5	5.6
31	---	---	---	10.6	10.5	10.6	---	---	---	5.6	5.5	5.6
MONTH	---	---	---	11.4	10.5	11.0	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

091360000 LAKE FAUSSE POINT CUT NEAR LITTLE GONSOLIN BAYOU NEAR CHARENTON, LA

LOCATION.--Lat 30°04'44", long 91°36'60", 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 with electromagnetic flowmeter. Datum of gage is 2.12 ft below sea level.

REMARKS.--Extremes for maximums could be higher and minimums lower during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 16.58 ft, May 10, 1994; minimum recorded, 4.00 ft, Oct. 11, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 14.72 ft, June 12; minimum recorded, 4.00 ft, Oct. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.09	4.96	5.85	7.10	9.58	8.03	10.03	10.41	14.26	13.33	7.58	5.72
2	5.19	4.98	5.80	7.07	10.13	7.84	10.17	10.68	14.36	13.12	7.96	5.75
3	5.09	4.75	5.74	6.84	10.34	7.77	10.38	10.91	14.44	12.85	8.18	5.74
4	4.85	4.24	5.58	6.56	10.36	7.70	10.59	11.10	14.50	12.55	8.33	5.62
5	5.12	4.22	5.46	6.57	10.54	7.61	10.78	11.24	14.54	12.24	8.50	5.56
6	4.99	4.49	5.19	6.54	10.80	7.73	11.09	11.37	14.56	11.89	8.45	5.55
7	4.62	4.75	5.05	6.23	11.01	7.79	11.24	11.55	14.60	11.57	8.34	5.37
8	4.56	4.51	4.92	6.10	11.13	7.82	11.28	11.66	14.69	11.30	8.16	5.19
9	4.57	4.53	4.91	5.85	11.25	7.83	11.29	11.77	14.69	10.87	7.96	5.04
10	4.46	5.02	4.47	5.56	11.34	7.87	11.30	11.92	14.69	10.47	7.78	5.04
11	4.28	5.32	4.57	5.50	11.40	8.04	11.30	11.98	14.69	10.04	7.77	4.88
12	4.38	4.92	4.73	5.50	11.40	8.30	11.27	12.05	14.69	9.56	7.76	4.82
13	4.66	4.88	4.78	5.52	11.30	8.62	11.29	12.13	14.70	9.12	7.87	4.79
14	4.65	4.98	4.66	5.65	11.17	8.89	11.27	12.23	14.67	8.77	7.75	4.83
15	4.23	5.08	4.59	5.75	10.94	9.14	11.24	12.33	14.63	8.59	7.60	5.12
16	4.77	5.17	4.53	5.73	10.61	9.37	11.16	12.44	14.56	8.35	7.41	5.40
17	4.90	5.27	4.78	6.09	10.32	9.53	11.03	12.53	14.51	8.17	7.07	5.10
18	5.00	5.60	5.55	6.54	10.02	9.64	10.87	12.63	14.46	8.00	6.90	4.83
19	5.13	5.82	6.16	6.34	9.71	9.70	10.64	12.72	14.44	7.85	6.84	4.84
20	5.08	6.22	5.99	6.29	9.54	9.69	10.19	12.81	14.42	7.65	6.71	5.15
21	4.76	6.36	5.81	6.26	9.38	9.68	9.78	12.93	14.37	7.41	6.53	5.52
22	4.88	6.49	5.64	6.19	9.28	9.67	9.51	13.04	14.32	7.14	6.64	5.28
23	4.93	6.70	5.37	6.32	9.29	9.68	9.41	13.16	14.29	6.91	6.70	5.26
24	4.77	6.77	5.34	6.51	9.25	9.70	9.34	13.27	14.27	6.88	6.63	5.03
25	4.74	6.71	5.12	6.60	9.14	9.64	9.22	13.41	14.21	6.92	6.54	---
26	4.89	6.69	4.99	6.97	9.01	9.55	9.15	13.56	14.09	6.77	6.43	---
27	5.14	6.79	5.28	7.50	8.87	9.42	9.21	13.72	13.96	6.59	6.30	---
28	4.98	6.70	5.80	7.85	8.67	9.50	9.42	13.85	13.81	6.53	6.07	---
29	4.72	6.45	6.20	8.14	8.35	9.63	9.87	13.99	13.64	6.51	5.88	---
30	4.65	6.02	6.54	8.53	---	9.81	10.17	14.12	13.49	6.88	5.82	---
31	4.88	---	6.90	9.05	---	9.94	---	14.18	---	7.23	5.76	---
MEAN	4.81	5.51	5.36	6.56	10.14	8.88	10.45	12.44	14.38	9.10	7.23	---
MAX	5.19	6.79	6.90	9.05	11.40	9.94	11.30	14.18	14.70	13.33	8.50	---
MIN	4.23	4.22	4.47	5.50	8.35	7.61	9.15	10.41	13.49	6.51	5.76	---

MERMENTAU RIVER BASIN

08010000 BAYOU DES CANNES NEAR EUNICE, LA

LOCATION.--Lat 30°29'00", long 92°29'25", in SW 1/4 SE 1/4 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 mi².

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 sea level (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. Small diversion above station. Several measurements of water temperature were made during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,900 ft³/s, May 20, 1953, gage height, 22.36 ft; no flow at times in 1939, 1948, 1955-56, 1964, 1971, 1975-77.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5.5	4.5	6.8	176	102	79	254	239	448	43	175	591
2	e9.7	638	6.0	619	327	57	190	148	159	36	220	153
3	14	1440	5.3	257	419	42	147	93	115	36	148	83
4	5.0	817	5.6	115	134	36	133	68	104	37	86	55
5	e3.5	216	7.1	83	83	30	139	51	71	36	51	33
6	2.6	203	7.1	181	77	49	203	59	59	36	139	27
7	e1.9	630	5.7	193	68	81	217	69	48	36	221	29
8	e1.5	905	6.6	95	72	94	147	50	273	35	129	24
9	e1.2	303	89	67	66	58	156	50	172	35	81	23
10	1.1	115	118	63	62	39	125	44	75	36	322	26
11	e.98	153	37	68	59	28	132	62	73	63	178	29
12	.89	224	16	67	47	24	163	107	99	48	122	22
13	e.78	87	8.2	68	42	25	780	72	214	42	363	22
14	63	52	5.2	65	30	24	973	79	251	46	235	22
15	36	30	4.9	51	26	23	455	89	152	53	107	21
16	9.0	23	16	55	24	39	298	87	369	118	80	22
17	4.4	21	368	60	24	24	183	40	169	152	65	18
18	3.1	15	1800	69	32	20	125	45	90	202	45	13
19	2.7	20	3150	66	33	18	120	58	59	241	38	12
20	2.5	53	2250	49	30	16	167	58	88	206	46	21
21	2.3	63	747	45	29	16	105	37	106	135	744	261
22	2.3	33	210	44	28	26	93	36	95	104	700	124
23	2.0	17	125	41	25	22	286	37	85	145	349	e90
24	1.4	11	95	231	22	18	270	35	80	157	178	e60
25	1.3	9.9	80	161	20	271	133	35	198	169	90	e42
26	1.5	7.8	67	362	20	165	116	e34	171	308	58	e18
27	1.7	7.9	51	1990	21	98	98	e33	111	293	45	e22
28	1.9	8.2	45	1990	104	95	75	e31	81	169	85	e41
29	1.8	7.1	44	717	163	96	278	e50	73	184	442	e72
30	2.1	6.9	48	223	---	735	615	263	50	194	1470	e124
31	2.2	---	48	150	---	650	---	226	---	194	1540	---
TOTAL	189.85	6121.3	9472.5	8421	2189	2998	7176	2385	4138	3589	8552	2100
MEAN	6.12	204	306	272	75.5	96.7	239	76.9	138	116	276	70.0
MAX	63	1440	3150	1990	419	735	973	263	448	308	1540	591
MIN	.78	4.5	4.9	41	20	16	75	31	48	35	38	12
AC-FT	377	12140	18790	16700	4340	5950	14230	4730	8210	7120	16960	4170
CFSM	.05	1.56	2.33	2.07	.58	.74	1.83	.59	1.05	.88	2.11	.53
IN.	.05	1.74	2.69	2.39	.62	.85	2.04	.68	1.18	1.02	2.43	.60

e Estimated

MERMENTAU RIVER BASIN

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

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

MEAN	121	195	385	439	437	311	330	327	207	226	175	171
MAX	1119	856	1748	1506	1615	1167	1238	2362	894	1519	1456	961
(WY)	1986	1986	1972	1974	1959	1980	1967	1953	1942	1946	1940	1973
MIN	1.11	7.72	29.1	9.01	7.01	3.86	5.02	.42	.43	.81	13.6	1.14
(WY)	1939	1951	1959	1981	1947	1955	1963	1943	1948	1944	1941	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1939 - 1996		
ANNUAL TOTAL	129674.99			57331.65					
ANNUAL MEAN	355			157			276		
HIGHEST ANNUAL MEAN							523		
LOWEST ANNUAL MEAN							87.0		
HIGHEST DAILY MEAN	4550			3150			11700		
LOWEST DAILY MEAN	.74			.78			.00		
ANNUAL SEVEN-DAY MINIMUM	1.2			1.2			.00		
INSTANTANEOUS PEAK FLOW				3240			11900		
INSTANTANEOUS PEAK STAGE				17.27			22.36		
INSTANTANEOUS LOW FLOW				.78			.00		
ANNUAL RUNOFF (AC-FT)	257200			113700			200200		
ANNUAL RUNOFF (CFSM)	2.71			1.20			2.11		
ANNUAL RUNOFF (INCHES)	36.82			16.28			28.66		
10 PERCENT EXCEEDS	1200			65			46		
90 PERCENT EXCEEDS	2.2			7.0			4.0		

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.63	1.60	4.44	3.53	3.01	5.91	5.35	8.12	1.64	4.38	9.76
2	---	9.61	1.55	10.23	6.89	2.46	4.98	3.95	4.12	1.46	5.10	4.57
3	2.11	14.42	1.50	6.06	8.06	2.09	4.24	2.87	3.33	1.46	3.95	3.18
4	1.64	11.57	1.52	3.80	4.16	1.94	3.99	2.26	3.09	1.47	2.70	2.48
5	1.51	6.09	1.62	3.11	3.13	1.76	4.11	1.84	2.35	1.46	1.84	1.94
6	---	5.94	1.62	4.83	2.97	2.25	5.12	2.02	2.02	1.45	3.54	1.75
7	---	9.91	1.53	5.14	2.75	3.06	5.37	2.28	1.76	1.44	5.10	1.80
8	---	12.33	1.57	3.38	2.85	3.36	4.24	1.82	5.65	---	3.60	1.65
9	---	7.11	3.69	2.73	2.71	2.49	4.41	1.82	4.29	---	2.60	1.63
10	---	4.48	4.51	2.62	2.60	2.02	3.85	1.67	2.45	---	6.46	1.73
11	---	5.05	2.65	2.76	2.51	1.72	3.98	2.07	2.39	2.14	4.42	1.80
12	---	6.20	2.02	2.73	2.22	1.58	4.54	3.17	2.73	1.77	3.45	1.61
13	---	3.89	1.68	2.74	2.09	1.62	10.88	2.38	4.95	1.61	7.09	1.60
14	3.40	3.03	1.49	2.67	1.78	1.58	12.60	2.54	5.53	1.71	5.28	1.59
15	2.82	2.47	1.47	2.31	1.64	1.56	8.36	2.76	4.02	1.90	3.14	1.58
16	1.93	2.26	1.90	2.41	1.57	2.01	6.37	2.69	7.16	3.38	2.57	1.59
17	1.63	2.18	7.86	2.54	1.58	1.59	4.66	1.56	4.27	4.02	2.19	1.47
18	1.53	2.00	14.95	2.78	1.82	1.46	3.69	1.69	2.79	4.85	1.69	1.29
19	1.50	2.15	17.18	2.69	1.85	1.38	3.59	2.01	2.03	5.40	1.50	1.26
20	1.48	3.05	16.00	2.26	1.77	1.31	4.43	2.02	2.68	4.89	1.70	1.54
21	1.46	3.31	10.94	2.17	1.73	1.31	3.27	1.48	3.13	3.70	11.00	6.10
22	1.46	2.54	5.41	2.14	1.72	1.65	3.03	1.44	2.91	3.11	10.85	3.87
23	1.44	2.04	4.01	2.07	1.63	1.52	6.10	1.47	2.69	3.89	7.17	---
24	1.37	1.82	3.40	5.61	1.50	1.39	5.97	1.43	2.54	4.11	4.72	---
25	1.35	1.77	3.04	4.60	1.44	5.99	3.83	1.41	4.78	4.29	3.07	---
26	1.39	1.66	2.72	6.34	1.46	4.70	3.51	---	4.34	6.32	2.29	---
27	1.40	1.67	2.32	15.68	1.47	3.45	3.14	---	3.25	6.14	1.97	---
28	1.43	1.69	2.18	15.68	3.41	3.39	2.61	---	2.59	4.31	2.95	---
29	1.42	1.62	2.15	10.68	4.64	3.40	5.58	---	2.39	4.56	8.13	---
30	1.45	1.61	2.24	5.63	---	10.95	10.07	5.59	1.80	4.71	14.45	---
31	1.46	---	2.25	4.47	---	10.38	---	5.09	---	4.71	14.67	---
MAX	---	14.42	17.18	15.68	8.06	10.95	12.60	---	8.12	---	14.67	---
MIN	---	1.61	1.47	2.07	1.44	1.31	2.61	---	1.76	---	1.50	---

MERMENTAU RIVER BASIN

08012000 BAYOU NEZPIQUE NEAR BASILE, LA

LOCATION.--Lat 30°28'50", long 92°37'55", in NE 1/4 NW 1/4 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 mi².

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 sea level. 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 Sept. 30, 1984. Mar. 27, 1945 to July 6, 1979, auxiliary nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Diversion for irrigation by Mamou pumping plant may affect stage-discharge relation. Several measurements of water temperature were made during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,800 ft³/s, May 20, 1953, gage height, 34.39 ft; minimum discharge, 0.1 ft³/s, June 7-31, 1943, June 22-29, 1948; minimum gage height, 1.00 ft, June 28, 1948.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	21	29	147	3750	85	636	351	393	173	255	1560
2	20	67	29	199	3580	73	442	404	357	118	304	1140
3	41	324	29	485	3540	60	336	308	226	81	324	586
4	210	491	30	676	3430	50	263	188	154	67	229	286
5	249	367	34	642	3100	44	223	121	123	65	158	154
6	212	267	36	529	2650	43	243	96	115	73	155	102
7	147	339	45	468	2150	45	343	80	96	89	213	88
8	88	716	63	510	1530	79	292	83	94	92	272	79
9	56	703	97	476	894	131	231	75	115	77	201	60
10	42	468	372	368	514	135	243	57	150	77	149	64
11	36	299	463	269	334	115	219	48	109	89	144	52
12	43	291	383	203	255	95	183	65	75	89	149	48
13	39	295	269	164	209	80	224	87	72	111	243	54
14	35	224	183	137	173	73	813	82	220	185	414	41
15	32	177	130	126	145	71	1120	81	358	194	339	31
16	31	133	101	117	131	90	1130	77	275	186	205	25
17	28	94	193	111	114	89	1120	61	278	311	123	24
18	22	68	1410	107	102	89	1070	51	297	416	78	22
19	20	53	3150	97	89	89	898	45	300	421	69	20
20	17	51	4400	84	83	91	551	47	319	374	86	24
21	14	62	4570	76	74	84	320	41	331	301	80	48
22	17	78	4370	73	63	90	229	34	323	222	89	146
23	21	71	3990	71	55	118	189	38	259	165	126	130
24	19	55	3530	95	51	130	338	37	213	205	141	88
25	16	43	3010	245	48	169	441	35	286	252	114	61
26	19	35	2500	581	46	298	360	35	391	395	86	43
27	25	31	2010	1730	45	300	250	33	326	545	64	64
28	22	28	1270	3030	51	311	173	31	225	464	49	741
29	19	27	628	3730	68	281	151	33	174	329	125	1620
30	19	27	309	3950	---	454	266	79	198	240	827	2050
31	19	---	181	3930	---	807	---	233	---	223	1450	---
TOTAL	1599	5905	37814	23426	27274	4669	13297	3036	6852	6629	7261	9451
MEAN	51.6	197	1220	756	940	151	443	97.9	228	214	234	315
MAX	249	716	4570	3950	3750	807	1130	404	393	545	1450	2050
MIN	14	21	29	71	45	43	151	31	72	65	49	20
AC-FT	3170	11710	75000	46470	54100	9260	26370	6020	13590	13150	14400	18750
CFSM	.10	.37	2.31	1.43	1.78	.29	.84	.19	.43	.41	.44	.60
IN.	.11	.42	2.67	1.65	1.93	.33	.94	.21	.48	.47	.51	.67

MERMENTAU RIVER BASIN

08012000 BAYOU NEZPIQUE NEAR BASILE, LA--Continued

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

	MEAN	303	520	1141	1407	1503	1136	1114	1077	541	541	424406
MAX	2819	4751	4259	3950	6528	3301	5598	9202	2459	4695	5169	3109
(WY)	1986	1986	1972	1974	1955	1980	1995	1953	1940	1989	1940	1979
MIN	3.81	10.3	46.4	30.8	89.3	124	12.9	7.05	.38	10.8	23.0	11.4
(WY)	1949	1951	1959	1981	1968	1962	1946	1951	1948	1944	1947	1980

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1939 - 1996
ANNUAL TOTAL	425687	147213	
ANNUAL MEAN	1166	402	840
HIGHEST ANNUAL MEAN			1639
LOWEST ANNUAL MEAN			283
HIGHEST DAILY MEAN	22200	4570	35100
LOWEST DAILY MEAN	14	14	10
ANNUAL SEVEN-DAY MINIMUM	17	18	.10
INSTANTANEOUS PEAK FLOW		4610	35800
INSTANTANEOUS PEAK STAGE		21.34	34.39
INSTANTANEOUS LOW FLOW		13	.10
INSTANTANEOUS LOW STAGE		1.74	1.00
ANNUAL RUNOFF (AC-FT)	844400	292000	608500
ANNUAL RUNOFF (CFSM)	2.21	.76	1.59
ANNUAL RUNOFF (INCHES)	30.05	10.39	21.65
10 PERCENT EXCEEDS	3530	817	2570
50 PERCENT EXCEEDS	302	139	165
90 PERCENT EXCEEDS	27	33	12

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.05	2.05	2.33	4.72	20.34	3.65	10.25	7.47	7.92	5.12	6.28	15.89
2	2.00	3.10	2.35	5.48	20.11	3.42	8.44	8.05	7.52	4.22	6.92	13.73
3	2.60	7.10	2.32	8.83	20.07	3.15	7.29	6.94	5.89	3.57	7.15	9.78
4	5.64	8.94	2.37	10.62	19.91	2.92	6.39	5.33	4.82	3.31	5.92	6.66
5	6.21	7.64	2.49	10.32	19.46	2.78	5.86	4.29	4.32	3.25	4.87	4.81
6	5.69	6.45	2.57	9.30	18.74	2.75	6.13	3.84	4.18	3.42	4.83	3.94
7	4.70	7.30	2.79	8.72	17.71	2.80	7.38	3.56	3.84	3.72	5.70	3.70
8	3.70	10.92	3.22	9.12	15.66	3.51	6.76	3.62	3.80	3.76	6.51	3.52
9	3.07	10.83	3.85	8.79	12.24	4.46	5.97	3.46	4.17	3.50	5.53	3.15
10	2.72	8.69	7.66	7.66	9.14	4.51	6.13	3.10	4.75	3.76	4.74	3.24
11	2.55	6.84	8.66	6.47	7.27	4.18	5.80	2.87	4.08	3.71	4.67	2.98
12	2.75	6.75	7.82	5.57	6.30	3.81	5.27	3.24	3.45	3.72	4.73	2.87
13	2.63	6.80	6.47	4.97	5.65	3.56	5.81	3.68	3.39	4.10	6.10	3.02
14	2.53	5.87	5.26	4.55	5.11	3.42	11.63	3.59	5.74	5.29	8.16	2.69
15	2.43	5.18	4.43	4.37	4.69	3.38	13.75	3.58	7.54	5.43	7.31	2.39
16	2.38	4.48	3.93	4.22	4.46	3.74	13.80	3.51	6.55	5.32	5.58	2.21
17	2.28	3.81	5.25	4.10	4.17	3.71	13.71	3.17	6.58	6.98	4.31	2.15
18	2.10	3.31	14.77	4.03	3.94	3.71	13.43	2.95	6.83	8.18	3.50	2.09
19	2.00	2.99	19.46	3.85	3.71	3.72	12.34	2.81	6.87	8.23	3.35	2.02
20	1.91	2.95	21.11	3.63	3.61	3.75	9.48	2.84	7.10	7.72	3.66	2.17
21	1.79	3.20	21.30	3.48	3.44	3.62	7.09	2.70	7.23	6.88	3.56	2.78
22	1.92	3.53	21.08	3.41	3.23	3.72	5.94	2.50	7.14	5.83	3.71	4.70
23	2.04	3.38	20.64	3.37	3.05	4.23	5.36	2.60	6.35	4.99	4.37	4.44
24	1.97	3.04	20.05	3.82	2.96	4.44	7.28	2.58	5.71	5.60	4.62	3.69
25	1.89	2.76	19.32	6.14	2.89	5.04	8.44	2.53	6.66	6.26	4.16	3.17
26	1.99	2.53	18.46	9.47	2.83	6.84	7.56	2.51	7.91	7.93	3.67	2.74
27	2.18	2.38	17.32	16.33	2.79	6.86	6.22	2.45	7.17	9.46	3.24	3.16
28	2.09	2.31	14.43	19.33	2.94	7.01	5.11	2.40	5.88	8.67	2.90	10.66
29	2.00	2.26	10.14	20.31	3.32	6.63	4.77	2.46	5.13	7.21	4.16	16.04
30	1.99	2.25	6.94	20.59	---	8.46	6.38	3.46	5.49	6.09	11.60	17.44
31	1.97	---	5.24	20.56	---	11.67	---	6.00	---	5.85	15.40	---
MAX	6.21	10.92	21.30	20.59	20.34	11.67	13.80	8.05	7.92	9.46	15.40	17.44
MIN	1.79	2.05	2.32	3.37	2.79	2.75	4.77	2.40	3.39	3.25	2.90	2.02

MERMENTAU RIVER BASIN
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 mi².

PERIOD OF RECORD.--October 1984 to current year. Gage-height records only, August 1941 to September 1984 in files of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 0.54 ft below sea level. Prior to October 1988, 1.12 ft below sea level, (when datum is applied to gage heights as published). Prior to October 1984, datum of gage is at mean low Gulf.

REMARKS.--No estimated daily discharges. Records poor. No gage-height record for the periods: Oct. 1-26, Mar. 8-20, Apr. 18-26, Sept. 15. No velocity record for the periods: Oct. 3 to Nov. 11, Jan. 19-30, May 10-31, July 27, Aug.23. Discharge is affected by tide and wind at medium and low stages. Reverse flow at times during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 38,200 ft³/s, July 5, 1989; maximum negative discharge, 11,500 ft³/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 daily discharge, 7,150 ft³/s, Aug. 31; maximum negative daily discharge, -1,340 ft³/s, Apr. 28; no flow at times during the year. Extremes for maximum could be higher and minimum may be lower during periods of missing record.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	68	---	1500	2580	2610	-32	366	318	---	5020
2	---	---	44	---	1880	1370	1560	473	1450	310	---	4280
3	---	---	24	---	1250	1120	1250	247	1630	-88	---	4050
4	---	---	---	---	659	963	1060	-833	529	-50	---	3350
5	---	---	---	---	714	989	2430	-936	-351	-103	---	2050
6	---	---	---	---	974	773	3620	-1020	-786	-115	---	1210
7	---	1870	---	---	1020	788	2070	-1120	-812	-273	---	903
8	---	1370	---	---	968	---	636	-1020	1050	-336	---	-4.0
9	---	842	---	---	1260	---	1120	-954	716	-95	---	226
10	---	571	---	---	1600	---	142	44	-147	513	---	610
11	---	800	---	---	2130	---	-237	---	-275	428	---	397
12	---	352	---	---	1920	---	217	---	-670	-8.3	---	---
13	---	273	---	---	1540	---	1260	---	-304	404	---	---
14	---	553	---	---	1800	---	2040	---	384	58	---	---
15	---	131	---	---	2140	---	3140	---	1320	636	---	---
16	---	431	---	---	1710	---	2450	---	1330	1000	---	---
17	---	336	---	---	1340	---	2630	---	792	1100	---	---
18	---	382	---	---	1490	---	1790	---	322	1180	---	---
19	---	341	---	---	1860	---	---	---	2140	883	---	---
20	---	332	---	---	1690	429	---	---	2800	1040	---	---
21	---	346	---	---	1650	126	---	---	1130	761	---	---
22	---	154	---	---	1880	-363	---	---	716	241	---	---
23	---	172	---	---	2110	3.2	---	---	824	351	120	---
24	---	218	---	---	2800	-534	---	---	1490	1290	1270	---
25	---	119	---	---	2230	1710	---	---	1800	744	1060	---
26	---	101	---	---	2690	1360	770	---	1870	1900	197	---
27	---	77	---	---	3110	994	190	---	1060	---	470	---
28	---	84	---	---	4050	1040	-1340	---	1020	---	363	---
29	---	69	---	---	3460	371	1760	---	1460	---	871	---
30	---	61	---	---	---	2500	1070	---	882	---	4860	---
31	---	---	---	1410	---	2780	---	177	---	---	7150	---
TOTAL	---	---	---	---	53425	---	---	---	23736	---	---	---
MEAN	---	---	---	---	1842	---	---	---	791	---	---	---

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUGSEP
1	---	1.48	1.51	2.24	1.62	1.51	.99	1.65	.95	1.50	1.88	2.47
2	---	1.80	1.52	2.15	1.43	1.58	1.25	1.64	.81	1.50	1.93	2.46
3	---	2.23	1.58	1.88	1.33	1.60	1.36	1.65	.75	1.44	1.88	2.42
4	---	2.24	1.49	1.95	1.48	1.66	1.32	1.69	.77	1.41	1.84	2.32
5	---	2.25	1.53	2.01	1.62	1.72	1.01	1.69	.87	1.38	1.81	2.22
6	---	2.30	1.56	1.85	1.68	1.85	1.12	1.62	.84	1.41	1.75	2.15
7	---	2.37	1.21	1.51	1.72	1.29	1.44	1.61	.76	1.42	1.76	2.10
8	---	2.15	1.44	1.58	1.74	---	1.49	1.56	.62	1.48	1.79	2.03
9	---	2.19	.86	1.71	1.70	---	1.44	1.57	.63	1.46	1.76	1.97
10	---	2.34	1.07	1.61	1.71	---	1.52	---	.71	1.43	1.74	1.87
11	---	2.19	1.34	1.58	1.53	---	1.65	---	.73	1.44	1.88	1.77
12	---	2.06	1.43	1.41	1.42	---	1.72	---	.74	1.47	2.08	1.71
13	---	2.07	1.43	1.46	1.55	---	1.73	---	.71	1.46	2.17	1.69
14	---	1.84	1.40	1.45	1.59	---	1.69	---	.67	1.59	2.09	1.68
15	---	1.90	1.40	1.41	1.42	---	1.48	---	.67	1.51	2.02	---
16	---	1.73	1.41	1.43	1.12	---	1.49	---	.67	1.55	1.98	1.90
17	---	1.65	1.65	1.56	1.38	---	1.60	---	.67	1.61	1.94	1.71
18	---	1.64	3.18	1.48	1.43	---	1.77	---	.71	1.72	1.92	1.64
19	---	1.66	3.91	1.14	1.61	---	---	---	.81	1.78	1.90	1.69
20	---	1.81	4.01	1.37	1.42	---	---	---	.80	1.81	1.84	1.85
21	---	1.83	4.10	1.33	1.46	1.03	---	---	.90	1.81	1.79	2.18
22	---	1.92	4.05	1.40	1.47	1.15	---	---	.94	1.76	1.89	2.11
23	---	1.90	3.76	1.54	1.46	1.25	---	---	1.01	1.69	1.99	2.14
24	---	1.64	3.40	1.29	1.33	1.45	---	---	1.12	1.64	2.10	2.13
25	---	1.72	3.15	1.35	1.47	1.15	---	---	1.37	1.71	2.12	2.12
26	---	1.73	2.90	1.59	1.55	.77	1.65	---	1.43	1.81	2.11	2.21
27	1.72	1.78	2.68	1.72	1.56	1.06	1.61	---	1.42	1.83	2.08	2.34
28	1.34	1.40	2.41	1.77	1.40	1.12	1.89	1.03	1.46	1.80	2.07	2.81
29	1.39	1.37	2.29	1.76	1.28	1.13	1.66	.89	1.53	1.84	2.12	2.92
30	1.35	1.46	2.23	1.81	---	1.32	1.53	.78	1.52	1.87	2.45	2.88
31	1.41	---	2.29	1.66	---	1.20	---	.85	---	1.87	2.59	---
MAX	---	2.37	4.10	2.24	1.74	---	---	---	1.53	1.87	2.59	---
MIN	---	1.37	.86	1.14	1.12	---	---	---	.62	1.38	1.74	---

MERMENTAU RIVER BASIN

08012285 BAYOU QUEUE DE TORTUE NEAR INDIAN BAYOU, LA

LOCATION.--Lat 30°06'52", long 92°19'25", Sec.1, T.11 S., R.1 e., Louisiana Meridian, Acadia-Vermilion Parish line, Hydrologic Unit 08080202, at bridge (Simon Bridge) on State Highway 92, 4.4 mi southwest of Indian Bayou and 8.2 mi southeast of Crowley.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1991 to current year. Unpublished records, May 1991 to September 1991, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Gage datum; sea level of gage not determined.

REMARKS.--Discharge affected by wind and variable backwater from Mermentau River causing reverse flow at times during the year. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded daily discharge, 4,070 ft³/s, Jan. 22, 1993; minimum recorded daily discharge, 19 ft³/s, Mar. 20, 1996.

EXTREMES FOR CURRENT YEAR.--Water year 1995: Maximum recorded daily discharge, 2,950 ft³/s, Mar. 15, but may have been higher during period of no record; minimum recorded daily discharge, 23 ft³/s, Nov. 23, but may have been higher during period of no record.

Water year 1996: maximum recorded daily discharge, 3,420 ft³/s, Dec. 20, but may have been higher during period of missing record; minimum recorded daily discharge, 22 ft³/s, Mar. 20, but may have been lower during period of missing record.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	36	27	479	169	314	259	90	231	44	e135	e70
2	33	36	28	320	129	168	200	84	225	52	e185	e65
3	34	37	114	169	103	106	147	68	202	55	136	e65
4	34	38	616	121	84	74	123	67	172	65	108	e60
5	35	40	373	78	66	102	145	63	121	83	121	e60
6	35	36	168	72	53	146	178	60	85	183	119	e55
7	36	33	104	177	48	429	200	60	73	185	133	e55
8	38	34	66	112	41	1400	168	175	68	152	128	e50
9	37	34	48	74	37	644	140	718	68	110	102	e50
10	31	30	46	54	43	159	129	367	65	81	90	e45
11	31	29	39	46	76	113	371	230	61	62	90	e40
12	32	29	35	42	145	90	336	315	43	53	81	36
13	32	31	35	236	104	407	239	1120	33	50	129	36
14	32	32	34	344	71	2370	195	568	34	63	314	36
15	33	31	35	166	53	2950	160	228	34	e110	236	35
16	36	28	73	105	44	2750	165	160	33	e115	206	37
17	36	28	547	69	38	1690	186	113	32	e120	158	36
18	37	30	401	58	36	702	195	130	32	e115	117	35
19	67	29	195	62	36	362	181	892	32	e110	197	36
20	286	30	121	44	35	230	169	554	31	e105	195	37
21	144	29	79	36	32	168	157	321	29	e85	139	39
22	123	27	56	40	32	131	138	253	29	e65	100	184
23	122	23	40	363	32	110	672	212	30	e60	e115	76
24	79	25	35	295	29	95	1590	171	31	e50	e180	38
25	58	27	32	151	30	82	704	114	32	e45	e200	37
26	43	29	31	95	32	74	286	82	29	e40	e115	37
27	36	31	30	486	34	71	209	76	29	e35	e110	38
28	37	30	31	1210	186	68	152	77	29	e30	e95	37
29	37	28	107	648	---	118	116	147	30	e65	e85	37
30	37	28	112	291	---	838	101	261	34	e110	e80	38
31	38	---	91	228	---	526	---	252	---	e85	e75	---
MAX	286	40	616	1210	186	2950	1590	1120	231	185	314	184
MIN	31	23	27	36	29	68	101	60	29	30	75	35
MED	36	30	56	121	43	168	179	171	33	65	121	38

e Estimated

MERMENTAU RIVER BASIN
08012285 BAYOU QUEUE DE TORTUE NEAR INDIAN BAYOU, LA--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.72	5.81	5.39	8.50	7.78	9.17	9.29	7.14	8.09	6.03	---	---
2	5.69	5.84	5.43	7.89	7.40	7.76	8.57	7.05	7.99	6.17	---	---
3	5.73	5.88	6.30	7.29	7.10	7.13	7.98	6.73	7.57	6.21	6.91	---
4	5.74	5.90	9.41	6.95	6.84	6.68	7.66	6.71	7.16	6.33	6.71	---
5	5.76	5.97	8.09	6.53	6.55	7.02	7.95	6.62	6.81	6.50	6.81	---
6	5.79	5.84	7.28	6.45	6.30	7.58	8.32	6.54	6.52	7.27	6.79	---
7	5.82	5.71	6.80	7.34	6.19	9.24	8.55	6.55	6.42	7.25	6.89	---
8	5.90	5.74	6.39	6.86	6.00	12.73	8.23	7.93	6.37	7.01	6.85	---
9	5.87	5.74	6.14	6.49	5.89	11.03	7.88	11.50	6.36	6.73	6.65	---
10	5.58	5.54	6.10	6.22	6.07	9.51	7.73	10.08	6.32	6.49	6.55	---
11	5.60	5.48	5.95	6.11	6.62	8.68	10.05	8.95	6.28	6.30	6.55	---
12	5.62	5.50	5.80	6.04	7.57	8.04	9.92	9.37	5.99	6.18	6.47	5.84
13	5.64	5.58	5.78	7.32	7.10	9.06	9.06	12.34	5.71	6.14	6.90	5.83
14	5.63	5.62	5.75	7.95	6.63	14.78	8.51	10.87	5.72	6.31	9.02	5.81
15	5.67	5.60	5.76	7.27	6.29	16.11	8.13	8.91	5.73	---	7.95	5.80
16	5.82	5.45	6.23	6.81	6.10	15.65	8.20	8.12	5.67	---	7.40	5.86
17	5.83	5.47	8.94	6.43	5.90	13.35	8.40	7.52	5.63	---	6.99	5.81
18	5.87	5.52	8.17	6.28	5.85	11.55	8.49	7.62	5.66	---	6.74	5.76
19	6.40	5.51	7.43	6.35	5.82	10.50	8.36	11.91	5.66	---	7.26	5.83
20	7.75	5.56	6.95	6.05	5.76	9.60	8.23	10.61	5.58	---	7.21	5.87
21	7.10	5.51	6.54	5.82	5.62	8.88	8.10	9.23	5.51	---	6.87	5.93
22	6.96	5.39	6.25	5.86	5.63	8.32	7.87	8.43	5.48	---	6.60	6.97
23	6.96	5.17	5.96	7.95	5.64	7.92	10.81	7.75	5.56	---	---	6.34
24	6.55	5.29	5.77	7.81	5.51	7.61	13.02	7.17	5.59	---	---	5.90
25	6.28	5.40	5.64	7.17	5.54	7.32	11.31	6.76	5.62	---	---	5.87
26	6.03	5.50	5.59	6.71	5.63	7.11	9.55	6.50	5.49	---	---	5.88
27	5.84	5.58	5.56	8.78	5.74	7.01	8.68	6.44	5.51	---	---	5.90
28	5.86	5.57	5.60	12.38	7.72	6.94	8.04	6.46	5.50	---	---	5.88
29	5.87	5.43	6.75	10.82	---	7.70	7.56	7.18	5.56	---	---	5.88
30	5.87	5.42	6.86	9.03	---	11.83	7.33	8.56	5.73	---	---	5.91
31	5.92	---	6.63	8.29	---	10.78	---	8.42	---	---	---	---
MEAN	6.02	5.58	6.49	7.35	6.31	9.57	8.73	8.26	6.09	---	---	---
MAX	7.75	5.97	9.41	12.38	7.78	16.11	13.02	12.34	8.09	---	---	---
MIN	5.58	5.17	5.39	5.82	5.51	6.68	7.33	6.44	5.48	---	---	---

MERMENTAU RIVER BASIN

08012285 BAYOU QUEUE DE TORTUE NEAR INDIAN BAYOU, LA--Continued

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	32	33	87	37	231	49	35	---	---	---	---
2	38	538	33	112	35	143	33	36	---	---	---	---
3	115	2220	34	88	36	98	33	36	---	---	---	---
4	224	2590	33	70	32	72	32	36	---	---	---	---
5	85	2100	34	58	34	56	30	36	---	---	---	---
6	47	658	34	61	35	99	85	34	---	---	---	---
7	37	335	29	71	36	97	95	34	---	---	---	---
8	37	309	31	55	37	74	64	33	---	---	---	---
9	37	183	29	45	37	54	54	33	---	---	---	62
10	36	131	26	40	37	38	44	33	---	---	---	83
11	34	107	29	37	35	30	43	33	---	---	---	60
12	34	90	31	36	31	30	44	31	---	---	---	48
13	37	71	31	34	33	31	139	30	---	---	---	40
14	67	58	31	34	34	31	169	30	---	---	---	38
15	35	48	30	33	32	32	83	32	---	---	---	40
16	34	42	31	32	26	31	64	30	---	---	---	43
17	34	37	120	34	29	31	53	30	---	---	---	40
18	33	36	2430	38	31	34	46	29	---	---	---	36
19	34	36	3280	29	35	27	46	29	---	---	---	37
20	31	128	3420	31	31	22	45	28	---	---	---	58
21	31	142	2940	31	31	24	44	26	---	---	---	144
22	33	98	1890	31	32	28	46	25	---	---	---	115
23	33	76	877	34	32	29	51	24	---	---	---	86
24	29	69	473	33	29	31	44	24	---	---	---	67
25	30	53	282	30	31	31	44	24	---	---	---	55
26	32	43	192	39	33	22	42	25	---	---	---	51
27	34	41	140	121	34	25	37	25	---	---	---	224
28	30	36	106	83	231	27	40	23	---	---	---	1450
29	30	31	83	60	379	27	42	22	---	---	---	1840
30	28	31	67	50	---	87	36	---	---	---	---	941
31	30	---	66	43	---	102	---	---	---	---	---	---
MAX	224	2590	3420	121	379	231	169	---	---	---	---	---
MIN	28	31	26	29	26	22	30	---	---	---	---	---
MED	34	73	34	39	34	31	44	---	---	---	---	---

MERMENTAU RIVER BASIN

08012285 BAYOU QUEUE DE TORTUE NEAR INDIAN BAYOU, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.98	5.63	5.67	7.40	5.86	9.61	6.33	5.79	---	---	---	---
2	5.91	8.93	5.69	7.97	5.77	8.50	5.71	5.83	---	---	---	---
3	6.52	14.43	5.76	7.45	5.82	7.67	5.68	5.82	---	---	---	---
4	7.24	15.29	5.69	6.99	5.66	7.04	5.66	5.83	---	---	---	---
5	6.42	14.16	5.72	6.65	5.73	6.59	5.54	5.83	---	---	---	---
6	6.07	11.34	5.74	6.72	5.79	7.68	7.23	5.73	---	---	---	---
7	5.86	10.38	5.49	7.02	5.84	7.65	7.59	5.73	---	---	---	---
8	5.88	10.20	5.58	6.54	5.87	7.10	6.84	5.69	---	---	---	---
9	5.86	9.08	5.48	6.20	5.86	6.50	6.50	5.69	---	---	---	6.69
10	5.82	8.30	5.31	6.00	5.87	5.92	6.16	5.70	---	---	---	7.10
11	5.71	7.86	5.50	5.89	5.80	5.57	6.13	5.68	---	---	---	6.59
12	5.72	7.49	5.58	5.81	5.60	5.52	6.14	5.58	---	---	---	6.24
13	5.84	7.03	5.59	5.74	5.69	5.60	8.16	5.55	---	---	---	5.98
14	6.28	6.65	5.57	5.74	5.75	5.62	8.82	5.56	---	---	---	5.93
15	5.77	6.30	5.56	5.69	5.66	5.65	7.32	5.63	---	---	---	5.99
16	5.73	6.08	5.58	5.66	5.35	5.59	6.82	5.55	---	---	---	6.10
17	5.72	5.87	6.94	5.74	5.50	5.62	6.47	5.53	---	---	---	5.98
18	5.69	5.81	14.92	5.90	5.58	5.72	6.22	5.49	---	---	---	5.85
19	5.72	5.83	16.78	5.48	5.77	5.38	6.22	5.51	---	---	---	5.87
20	5.57	8.10	17.06	5.58	5.61	5.10	6.18	5.46	---	---	---	6.47
21	5.57	8.49	16.06	5.59	5.59	5.21	6.15	5.35	---	---	---	8.07
22	5.67	7.68	13.72	5.59	5.62	5.47	6.22	5.26	---	---	---	7.65
23	5.71	7.15	11.92	5.73	5.63	5.47	6.41	5.24	---	---	---	7.15
24	5.51	6.97	10.94	5.69	5.49	5.58	6.16	5.23	---	---	---	6.74
25	5.54	6.49	10.05	5.53	5.60	5.56	6.15	5.22	---	---	---	6.44
26	5.64	6.13	9.19	5.93	5.68	5.08	6.09	5.25	---	---	---	6.34
27	5.73	6.02	8.45	8.11	5.73	5.25	5.86	5.30	---	---	---	7.79
28	5.56	5.84	7.84	7.32	8.83	5.40	5.99	5.17	---	---	---	12.77
29	5.53	5.57	7.32	6.71	10.51	5.37	6.07	5.08	---	---	---	13.57
30	5.46	5.61	6.91	6.37	---	7.17	5.81	---	---	---	---	11.90
31	5.55	---	6.88	6.11	---	7.71	---	---	---	---	---	---
MEAN	5.93	8.02	8.21	6.29	5.97	6.22	6.42	---	---	---	---	---
MAX	8.98	15.29	17.06	8.11	10.51	9.61	8.82	---	---	---	---	---
MIN	5.46	5.57	5.31	5.48	5.35	5.08	5.54	---	---	---	---	---

MERMENTAU RIVER BASIN

08012300 BAYOU QUEUE DE TORTUE AT RICEVILLE, LA

LOCATION.--Lat 30°04'55", long 92°30'20", Sec.19, T.11 S., R.1 W., Louisiana Meridian, Acadia-Vermilion Parish line, Hydrologic Unit 08080202, at bridge on State Highway 91, 0.5 mi northeast of Riceville, and 3.3 mi north of Gueydan.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1985 to current year. Unpublished records, December 1982 to September 1985, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 3.30 ft below sea level. Oct. 4, 1942 to Dec. 31, 1951, nonrecording gage at same site. Prior to Oct. 1, 1987, at datum 6.60 ft below sea level.

REMARKS.--No estimated daily discharge. Discharge affected by wind and variable backwater from Mermentau River causing reverse flow at times during the year. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 6,980 ft³/s, Oct. 31, 1985; maximum gage height, 12.01 ft, Nov. 2, 1985; maximum negative discharge, -919 ft³/s, Feb. 14, 1986; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive daily discharge recorded, 6,580 ft³/s, Dec. 20, but may have been higher during period of no record; maximum negative daily discharge recorded, -54 ft³/s, Mar. 24, but may have been higher during period of no record; no flow at times during the year.

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

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	-17	16	384	53	1350	298	3.1	---	---	---	---
2	---	150	11	506	49	1170	97	26	---	---	---	---
3	---	1730	6.2	547	55	836	49	15	---	---	---	---
4	---	3370	33	421	20	509	71	1.7	---	---	---	---
5	268	3780	14	283	-4.5	295	87	2.0	---	---	---	---
6	110	3600	17	206	16	435	301	.26	---	---	---	---
7	25	2660	50	278	16	536	558	-7.0	---	---	---	---
8	-33	2420	-14	210	18	450	405	-7.4	---	---	---	---
9	2.3	1940	62	139	35	256	260	-11	---	---	---	---
10	-12	1330	7.8	113	34	130	168	15	---	---	---	---
11	-6.5	863	-8.6	79	62	30	143	80	---	---	---	---
12	-36	696	-.54	104	12	-12	97	64	---	---	---	---
13	2.7	461	5.4	67	-15	-4.7	287	16	---	---	---	---
14	166	276	12	59	4.0	-29	660	.53	---	---	---	---
15	57	170	5.3	55	43	28	550	15	---	---	---	---
16	5.9	105	25	24	13	30	375	4.9	---	---	---	---
17	12	55	83	-12	-28	46	245	-1.3	---	---	---	---
18	-15	38	2550	33	-14	42	81	2.2	---	---	---	---
19	-21	26	5790	13	-15	47	105	4.9	---	---	---	---
20	38	330	6580	-10	7.1	6.5	74	.93	---	---	---	---
21	-48	762	6540	42	-11	-14	63	-1.4	---	---	---	---
22	-36	682	5860	-15	-8.5	44	18	-.49	---	---	---	---
23	-.63	446	4730	-21	9.3	-11	140	-1.6	---	---	---	---
24	18	305	3550	56	12	-54	121	-11	---	---	---	---
25	-27	209	2760	-18	-10	94	51	-12	---	---	---	---
26	-44	118	1880	1.5	-5.8	28	109	-12	---	---	---	---
27	-32	48	1340	372	22	-1.7	43	-20	---	---	---	---
28	33	84	797	489	284	33	14	-15	---	---	---	---
29	-16	34	547	322	1010	15	86	-7.4	---	---	---	---
30	-8.5	15	356	198	---	136	48	---	---	---	---	---
31	-5.1	---	275	108	---	440	---	---	---	---	---	---
TOTAL	---	26686	43879.56	5033.5	1662.6	6860.1	5604	---	---	---	---	---
MEAN	---	890	1415	162	57.3	221	187	---	---	---	---	---

MERMENTAU RIVER BASIN
08012300 BAYOU QUEUE DE TORTUE AT RICEVILLE, LA--Continued
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.62	4.32	4.34	5.46	4.52	6.45	4.69	4.48	3.80	5.38	5.43	---
2	4.62	4.84	4.37	5.68	4.37	6.34	4.27	4.51	3.66	5.01	5.51	7.26
3	4.72	6.54	4.44	5.67	4.31	5.93	4.30	4.49	3.59	4.60	5.50	7.35
4	5.03	7.81	4.37	5.44	4.33	5.50	4.29	4.51	3.60	4.28	5.27	7.11
5	4.97	8.12	4.40	5.21	4.44	5.11	4.10	4.52	3.67	4.18	5.01	6.65
6	4.75	8.03	4.42	5.10	4.51	5.23	4.56	4.44	3.66	4.18	4.85	6.19
7	4.57	7.65	4.16	5.12	4.55	5.52	5.28	4.43	3.60	4.21	4.75	5.80
8	4.59	7.35	4.29	4.97	4.56	5.37	5.20	4.40	3.49	4.27	4.73	---
9	4.58	6.94	3.97	4.78	4.55	4.95	4.93	4.37	3.46	4.35	4.71	5.12
10	4.54	6.47	3.96	4.63	4.55	4.48	4.68	4.42	3.53	4.67	4.74	5.15
11	4.43	6.12	4.20	4.53	4.47	4.25	4.69	4.31	3.55	4.65	5.31	5.07
12	4.43	5.82	4.28	4.42	4.29	4.23	4.71	4.22	3.54	4.48	6.06	4.82
13	4.50	5.54	4.29	4.39	4.39	4.30	5.03	4.23	3.52	4.34	6.57	4.63
14	4.54	5.22	4.27	4.40	4.43	4.32	5.55	4.24	3.50	4.43	6.69	4.60
15	4.39	4.94	4.26	4.36	4.36	4.33	5.53	4.31	3.51	4.52	6.41	4.67
16	4.41	4.75	4.28	4.35	4.04	4.27	5.19	4.22	3.51	4.76	6.00	4.76
17	4.41	4.56	4.58	4.44	4.21	4.28	4.93	4.21	3.52	4.84	5.61	4.64
18	4.40	4.51	7.27	4.54	4.28	4.33	4.82	4.16	3.70	4.97	5.35	4.52
19	4.43	4.52	9.51	4.12	4.45	4.00	4.82	4.18	3.81	5.17	5.13	4.55
20	4.24	5.09	9.95	4.28	4.30	3.76	4.79	4.14	4.07	5.24	4.93	4.84
21	4.27	5.79	9.96	4.28	4.30	3.91	4.77	4.02	4.28	5.24	4.79	5.57
22	4.39	5.82	9.77	4.31	4.31	4.11	4.89	3.93	4.06	5.13	4.83	5.79
23	4.41	5.58	9.26	4.44	4.31	4.17	4.93	3.93	3.98	5.00	5.04	5.61
24	4.20	5.26	8.59	4.34	4.18	4.30	4.70	3.92	4.37	5.02	---	5.32
25	4.23	5.01	7.92	4.25	4.31	4.20	4.71	3.91	5.24	5.19	---	5.09
26	4.35	4.76	7.27	4.53	4.38	3.75	4.69	3.96	5.71	5.31	---	5.04
27	4.43	4.69	6.69	5.15	4.43	3.94	4.49	4.00	5.63	5.69	---	5.25
28	4.25	4.47	6.20	5.40	5.14	4.04	4.67	3.86	5.52	5.78	---	6.78
29	4.23	4.24	5.80	5.17	6.08	4.03	4.70	3.77	5.63	5.63	---	8.07
30	4.19	4.29	5.48	4.92	---	4.40	4.44	3.64	5.64	5.51	---	8.26
31	4.25	---	5.37	4.72	---	4.97	---	3.67	---	5.41	---	---
MAX	5.03	8.12	9.96	5.68	6.08	6.45	5.55	4.52	5.71	5.78	---	---
MIN	4.19	4.24	3.96	4.12	4.04	3.75	4.10	3.64	3.46	4.18	---	---

MERMENTAU RIVER BASIN

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE 1/4 SE 1/4 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 mi².

PERIOD OF RECORD.--Annual peaks, water years 1969-74, 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 sea level (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 poor. No gage-height and velocity record: Nov. 17-Dec. 3, Dec. 19-Jan. 29, Feb. 20-Mar. 20, Apr. 30-May 27, Sept. 2-30. 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, 7.25 ft, Mar. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge recorded, 1,190 ft³/s, Aug. 31, may have been higher during period of missing record; no flow at times during the year.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	359	129	---	---	139	---	150	---	142	154	273	1220
2	333	209	---	---	251	---	165	---	55	108	304	---
3	304	679	---	---	269	---	162	---	37	66	252	---
4	141	802	250	---	120	---	152	---	23	80	157	---
5	253	684	301	---	168	---	173	---	69	12	138	---
6	298	351	377	---	165	---	480	---	77	43	133	---
7	163	416	169	---	194	---	321	---	70	52	114	---
8	213	602	107	---	308	---	238	---	39	117	124	---
9	255	269	312	---	383	---	201	---	21	134	140	---
10	236	140	70	---	355	---	154	---	26	249	128	---
11	144	562	184	---	345	---	151	---	45	158	259	---
12	232	304	196	---	147	---	100	---	34	163	405	---
13	335	210	246	---	192	---	335	---	51	156	658	---
14	356	283	309	---	159	---	276	---	11	245	767	---
15	264	206	465	---	135	---	252	---	61	231	532	---
16	280	211	634	---	148	---	129	---	98	273	314	---
17	395	---	733	---	224	---	93	---	105	382	160	---
18	352	---	891	---	180	---	184	---	185	297	114	---
19	486	---	---	---	75	---	241	---	171	313	138	---
20	382	---	---	---	---	---	236	---	233	316	69	---
21	191	---	---	---	---	54	60	---	233	241	67	---
22	265	---	---	---	---	104	114	---	200	209	162	---
23	377	---	---	---	---	106	799	---	179	183	495	---
24	105	---	---	---	---	45	611	---	293	203	576	---
25	286	---	---	---	---	192	346	---	464	287	622	---
26	506	---	---	---	---	20	437	---	406	458	542	---
27	388	---	---	---	---	41	204	---	241	472	343	---
28	88	---	---	---	---	107	69	---	471	394	298	---
29	120	---	---	---	---	88	684	33	418	325	307	---
30	85	---	---	236	---	266	---	58	275	256	920	---
31	116	---	---	176	---	263	---	57	---	300	1190	---
TOTAL	8308	---	---	---	---	---	---	---	4733	6877	10701	---
MEAN	268	---	---	---	---	---	---	---	158	222	345	---

MERMENTAU RIVER BASIN
08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA--Continued
GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.61	8.32	---	---	8.35	---	7.84	8.44	7.75	8.26	8.80	9.42
2	8.65	8.46	---	---	8.11	---	8.08	8.43	7.60	8.27	8.78	9.37
3	8.53	8.71	---	---	7.96	---	8.21	8.44	7.54	8.18	8.72	9.27
4	8.47	8.82	8.27	---	8.19	---	8.17	8.48	7.57	8.15	8.71	9.16
5	8.64	8.87	8.31	---	8.42	---	7.93	8.49	7.67	8.15	8.71	---
6	8.53	9.01	8.31	---	8.48	---	7.97	8.43	7.66	8.15	8.68	---
7	8.51	9.03	8.08	---	8.52	---	8.27	8.42	7.56	8.20	8.68	---
8	8.56	8.93	8.29	---	8.47	---	8.29	8.38	7.39	8.22	8.68	---
9	8.52	9.02	7.71	---	8.44	---	8.30	8.39	7.39	8.21	8.63	---
10	8.49	9.10	7.75	---	8.46	---	8.41	8.32	7.50	8.21	8.59	---
11	8.41	8.91	8.16	---	8.31	---	8.54	8.17	7.52	8.20	8.75	---
12	8.42	8.85	8.29	---	8.21	---	8.67	8.10	7.53	8.20	8.95	---
13	8.45	8.87	8.25	---	8.33	---	8.58	8.15	7.48	8.19	9.06	---
14	8.26	8.67	8.21	---	8.30	---	8.54	8.21	7.46	8.27	9.03	---
15	8.27	8.69	8.21	---	8.19	---	8.26	8.24	7.45	8.23	8.94	---
16	8.37	8.56	8.22	---	7.89	---	8.36	8.18	7.45	8.30	8.85	---
17	8.40	---	8.43	---	8.17	---	8.52	8.14	7.44	8.39	8.79	---
18	8.40	---	9.48	---	8.24	---	8.66	8.10	7.50	8.46	8.78	---
19	8.39	---	9.90	---	8.37	---	8.60	8.11	7.54	8.48	8.75	---
20	8.11	---	10.04	---	8.23	---	8.63	8.08	7.59	8.50	8.73	---
21	8.24	---	10.09	---	8.25	7.77	8.72	7.94	7.71	8.50	8.71	---
22	8.41	---	10.01	---	8.23	7.96	8.89	7.84	7.74	8.46	8.79	---
23	8.38	---	9.89	---	8.23	8.16	8.57	7.87	7.83	8.39	8.94	---
24	8.15	---	9.75	---	8.17	8.39	8.52	7.90	7.95	8.40	9.00	---
25	8.25	---	---	---	8.32	8.07	8.57	7.90	8.21	8.52	9.00	---
26	8.34	---	---	---	8.39	7.76	8.41	7.95	8.25	8.62	8.98	---
27	8.36	---	---	---	8.40	7.90	8.40	7.95	8.21	8.70	8.95	---
28	8.19	---	---	---	---	7.91	8.66	6.13	8.30	8.71	8.96	---
29	8.25	---	---	---	---	7.98	8.47	7.72	8.36	8.71	9.03	---
30	8.28	---	---	8.49	---	8.14	8.34	7.61	8.32	8.74	9.29	---
31	8.27	---	---	8.33	---	7.98	---	7.68	---	8.77	9.40	---
MAX	8.65	---	---	---	---	---	8.89	8.49	8.36	8.77	9.40	---
MIN	8.11	---	---	---	---	---	7.84	6.13	7.39	8.15	8.59	---

CALCASIEU RIVER BASIN

08013000 CALCASIEU RIVER NEAR GLENMORA, LA

LOCATION.--Lat 30°59'45", long 92°40'25", in SE 1/4 SE 1/4 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 mi².

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 sea level. Prior to Nov. 19, 1949, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges. Records good. Several measurements of water temperature were made during the year. Gage-height telemetry at station.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 22	1330	*6,000	*14.56			No other peaks above base	

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	69	81	414	2430	98	396	2550	54	56	68	67
2	55	109	84	496	2800	95	415	2480	62	49	69	83
3	316	169	80	583	2860	93	388	1990	67	45	62	89
4	1300	294	76	630	2420	90	308	1330	64	42	55	80
5	1610	454	72	624	1810	88	225	689	63	39	e49	66
6	1820	578	72	720	1430	89	185	376	68	38	e46	57
7	1980	632	72	1090	1150	94	157	227	73	36	e42	48
8	1260	572	74	1330	877	100	155	147	62	35	e64	43
9	388	405	136	1520	667	101	222	107	54	34	e97	40
10	178	263	277	1660	563	140	276	96	49	33	e161	38
11	126	256	421	1840	485	240	266	99	45	32	e187	36
12	103	462	517	2060	407	270	224	109	43	32	e166	41
13	91	855	517	2200	338	228	192	108	46	34	e130	48
14	83	1350	440	2070	282	173	470	100	62	32	e95	43
15	77	1690	313	1410	234	136	1030	90	152	34	e69	38
16	73	1750	213	677	203	118	1270	86	100	36	e58	39
17	70	1510	208	401	179	110	1380	82	63	39	e52	37
18	67	909	1420	304	163	176	1710	77	53	51	e45	35
19	65	363	2880	257	150	762	2310	72	50	51	e42	34
20	62	199	2610	231	140	1020	2920	67	104	43	e38	45
21	61	156	3730	226	133	1000	3270	64	196	42	e37	110
22	60	129	5880	219	129	879	3470	60	162	37	e36	66
23	59	111	5530	212	126	607	3330	57	230	34	e35	59
24	58	100	4520	213	124	364	2950	54	249	37	e34	100
25	57	90	3720	231	117	218	2260	51	212	42	e33	117
26	56	83	3040	348	111	168	1670	49	147	94	e33	103
27	56	80	2220	669	107	173	1880	48	105	158	e32	240
28	56	79	1160	992	104	339	2100	47	82	151	32	642
29	57	82	497	1460	100	414	2300	53	71	140	33	406
30	57	82	325	1890	---	421	2380	82	63	125	36	330
31	60	---	309	2220	---	398	---	66	---	85	39	---
TOTAL	10418	13881	41494	29197	20639	9202	40109	11513	2851	1736	1975	3180
MEAN	336	463	1339	942	712	297	1337	371	95.0	56.0	63.7	106
MAX	1980	1750	5880	2220	2860	1020	3470	2550	249	158	187	642
MIN	55	69	72	212	100	88	155	47	43	32	32	34
AC-FT	20660	27530	82300	57910	40940	18250	79560	22840	5650	3440	3920	6310
CFSM	.67	.93	2.68	1.89	1.43	.59	2.68	.74	.19	.11	.13	.21
IN.	.78	1.03	3.09	2.18	1.54	.69	2.99	.86	.21	.13	.15	.24

e Estimated

CALCASIEU RIVER BASIN

08013000 CALCASIEU RIVER NEAR GLENMORA, LA--Continued

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

MEAN	227	496	1091	1554	1578	1328	1141	1025	404	265	153	171
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	25.2	29.4	58.3	149	103	91.9	45.3	41.1	24.8	20.0	17.0
(WY)	1957	1955	1955	1981	1954	1954	1981	1963	1948	1954	1956	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1944 - 1996					
ANNUAL TOTAL	463088			186195								
ANNUAL MEAN	1269			509			783					
HIGHEST ANNUAL MEAN							1659					
LOWEST ANNUAL MEAN							227					
HIGHEST DAILY MEAN	24600			Mar	8	5880	Dec	22	55900	May	19	1953
LOWEST DAILY MEAN	30			Sep	19	32	Jul	11,12, Aug	27,28	15	Oct	7 1954
ANNUAL SEVEN-DAY MINIMUM	32			Sep	13	33	Jul	9	16	Oct	3	1954
INSTANTANEOUS PEAK FLOW				6000			Dec	22	59500	May	19	1953
INSTANTANEOUS PEAK STAGE				14.56			Dec	22	21.55	May	19	1953
INSTANTANEOUS LOW FLOW				31			Jul	12	15	Sep	27,28	1954
										Oct	7-9	1954
										Oct	18	1956
INSTANTANEOUS LOW STAGE				5.04			Jul	12	3.86	Oct	18	1956
ANNUAL RUNOFF (AC-FT)	918500			369300			567000					
ANNUAL RUNOFF (CFSM)	2.54			1.02			1.57					
ANNUAL RUNOFF (INCHES)	34.52			13.88			21.31					
10 PERCENT EXCEEDS	3810			1770			2090					
50 PERCENT EXCEEDS	311			124			172					
90 PERCENT EXCEEDS	56			41			32					

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.58	5.74	6.41	9.33	13.04	6.51	9.24	13.11	5.54	5.58	5.80	5.78
2	5.53	6.46	6.47	9.79	13.26	6.46	9.34	13.07	5.69	5.46	5.83	6.06
3	8.18	7.26	6.39	10.24	13.30	6.42	9.19	12.72	5.78	5.37	5.69	6.16
4	11.82	8.45	6.31	10.46	13.03	6.37	8.71	11.89	5.73	5.30	5.56	6.01
5	12.36	9.54	6.24	10.43	12.57	6.34	8.09	10.51	5.71	5.24	---	5.77
6	12.60	10.21	6.24	10.69	12.06	6.35	7.68	9.05	5.80	5.20	---	5.60
7	12.73	10.46	6.25	11.49	11.60	6.44	7.36	7.87	5.89	5.17	---	5.42
8	11.74	10.18	6.28	11.88	11.06	6.54	7.33	7.00	5.70	5.13	---	5.31
9	9.06	9.24	7.14	12.22	10.56	6.55	8.06	6.43	5.55	5.11	---	5.24
10	7.36	8.21	8.47	12.44	10.14	7.13	8.50	6.26	5.46	5.09	---	5.20
11	6.72	8.16	9.37	12.62	9.73	8.22	8.43	6.30	5.37	5.07	---	5.15
12	6.37	9.55	9.90	12.79	9.30	8.46	8.10	6.46	5.32	5.07	---	5.26
13	6.16	11.00	9.91	12.89	8.91	8.13	7.76	6.45	5.37	5.10	---	5.43
14	6.02	11.92	9.47	12.79	8.54	7.55	9.60	6.32	5.68	5.06	---	5.33
15	5.90	12.47	8.72	12.02	8.19	7.10	11.35	6.17	7.05	5.11	---	5.21
16	5.81	12.54	7.97	10.49	7.87	6.84	11.79	6.11	6.31	5.15	---	5.23
17	5.75	12.18	7.89	9.26	7.62	6.70	11.97	6.06	5.72	5.23	---	5.17
18	5.70	11.07	11.58	8.69	7.43	7.40	12.47	5.97	5.53	5.49	---	5.12
19	5.64	9.01	13.30	8.37	7.28	10.72	12.96	5.88	5.48	5.48	---	5.10
20	5.60	7.84	13.15	8.17	7.15	11.35	13.33	5.79	6.33	5.32	---	5.34
21	5.56	7.41	13.68	8.12	7.05	11.32	13.51	5.73	7.57	5.30	---	6.47
22	5.53	7.11	14.52	8.05	6.99	11.07	13.61	5.66	7.19	5.19	---	5.75
23	5.51	6.87	14.41	7.97	6.95	10.31	13.54	5.60	7.92	5.10	---	5.63
24	5.49	6.71	14.06	7.98	6.92	9.04	13.34	5.54	8.10	5.18	---	6.33
25	5.47	6.57	13.72	8.16	6.82	8.03	12.89	5.50	7.74	5.28	---	6.59
26	5.45	6.45	13.39	8.93	6.73	7.49	12.45	5.46	7.00	6.22	---	6.37
27	5.45	6.39	12.88	10.53	6.67	7.54	12.65	5.43	6.40	7.14	---	7.76
28	5.46	6.39	11.57	11.29	6.60	8.90	12.81	5.40	6.05	7.06	5.05	10.47
29	5.47	6.45	9.78	12.10	6.55	9.33	12.95	5.52	5.85	6.92	5.09	9.23
30	5.48	6.43	8.82	12.65	---	9.37	13.01	6.04	5.72	6.71	5.16	8.74
31	5.54	---	8.72	12.90	---	9.25	---	5.76	---	6.09	5.22	---
MAX	12.73	12.54	14.52	12.90	13.30	11.35	13.61	13.11	8.10	7.14	---	10.47
MIN	5.45	5.74	6.24	7.97	6.55	6.34	7.33	5.40	5.32	5.06	---	5.10

CALCASIEU RIVER BASIN

08013500 CALCASIEU RIVER NEAR OBERLIN, LA

LOCATION.--Lat 30°38'25", long 92°48'50", in NW1/4 NE 1/4 sec.7, T.5 S., R.4 W., Allen Parish, Hydrologic Unit 08080203, near right bank on downstream side of bridge on State Highway 26, 3.0 mi northwest of Oberlin, and 1.5 mi upstream from Whisky Chitto Creek.

DRAINAGE AREA.--753 mi².

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 sea level. 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 fair. Prior to November 1981 paper mill at Elizabeth pumps about 11 ft³/s of water from wells which was discharged into Mill Creek 20 mi upstream from station. Some small diversions from April to September for rice irrigation upstream from station.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 21	2000	*4,700	*14.34	No peaks above base discharge.			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	82	138	952	1310	199	386	1430	102	104	e146	94
2	73	88	133	1350	1610	194	382	1510	102	95	150	e86
3	96	292	127	1420	2040	189	373	1500	95	e89	131	e84
4	326	428	123	1030	2150	185	375	1270	86	84	150	89
5	426	455	121	816	2170	181	370	846	85	79	121	92
6	563	393	119	798	2080	180	346	511	85	75	e103	92
7	698	366	150	977	1870	181	304	349	83	74	e100	e84
8	822	431	241	967	1540	189	267	273	82	e72	e100	e80
9	956	486	307	955	1240	190	241	227	85	e70	e98	e77
10	1050	491	378	963	1010	185	229	199	84	68	e108	e73
11	862	450	306	1000	830	183	243	179	80	68	e134	e70
12	456	394	278	1070	695	195	272	167	78	68	e192	e69
13	262	401	298	1140	597	238	437	156	79	70	e168	e71
14	200	406	343	1220	518	273	1150	146	e93	71	e110	e70
15	165	440	381	1300	453	276	1390	136	e97	e72	e97	e69
16	143	549	385	1370	395	251	1320	133	e102	e72	e90	e69
17	127	703	379	1360	352	223	1160	132	e112	e73	e87	68
18	116	865	1210	1140	318	206	1060	126	e136	e72	e86	63
19	109	971	2730	764	294	202	1140	116	e113	e72	e88	62
20	103	945	3870	532	276	213	1360	111	e123	69	e87	72
21	98	712	4550	427	265	341	1640	106	120	71	e92	85
22	95	425	4230	375	255	518	1890	105	197	69	88	98
23	92	280	2970	347	243	634	2010	105	237	70	e91	114
24	88	225	2490	369	234	675	1970	103	181	71	e87	103
25	86	192	3240	472	227	644	1650	98	180	81	e84	87
26	83	171	3770	1070	223	521	1300	93	213	95	e82	86
27	82	155	3470	4060	216	375	1170	e85	211	83	e82	139
28	81	144	2860	4170	210	300	1150	80	171	102	e87	888
29	80	140	2320	2750	204	268	1210	80	156	171	107	1230
30	80	141	1850	1730	---	311	1310	89	119	161	140	1290
31	79	---	1290	1310	---	370	---	95	---	147	146	---
TOTAL	8576	12221	45057	38204	23825	9090	28105	10556	3687	2638	3432	5654
MEAN	277	407	1453	1232	822	293	937	341	123	85.1	111	188
MAX	1050	971	4550	4170	2170	675	2010	1510	237	171	192	1290
MIN	73	82	119	347	204	180	229	80	78	68	82	62
AC-FT	17010	24240	89370	75780	47260	18030	55750	20940	7310	5230	6810	11210
CFM	.37	.54	1.93	1.64	1.09	.39	1.24	.45	.16	.11	.15	.25
IN.	.42	.60	2.23	1.89	1.18	.45	1.39	.52	.18	.13	.17	.28

e Estimated

CALCASIEU RIVER BASIN
08013500 CALCASIEU RIVER NEAR OBERLIN, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 1996, BY WATER YEAR (WY)

MEAN	336	698	1557	2060	2217	1911	1682	1616	675	530	346	303
MAX	4004	6825	10130	6112	6889	5213	7835	17090	4325	9050	4792	3251
(WY)	1985	1958	1983	1947	1966	1973	1923	1953	1950	1989	1940	1979
MIN	33.1	46.6	55.8	98.5	270	235	147	80.5	49.4	48.2	46.6	40.6
(WY)	1957	1925	1955	1981	1954	1986	1981	1963	1988	1956	1954	1954

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1923 - 1996

ANNUAL TOTAL	510086	191045	
ANNUAL MEAN	1572	522	1161
HIGHEST ANNUAL MEAN			2409
LOWEST ANNUAL MEAN			337
HIGHEST DAILY MEAN	23700	4550	67600
LOWEST DAILY MEAN	38	62	22
ANNUAL SEVEN-DAY MINIMUM	40	67	31
INSTANTANEOUS PEAK FLOW		4700	72800
INSTANTANEOUS PEAK STAGE		14.34	26.53
INSTANTANEOUS LOW FLOW		60	30
INSTANTANEOUS LOW STAGE		1.89	1.89
ANNUAL RUNOFF (AC-FT)	1137230	378900	841200
ANNUAL RUNOFF (CFSM)	2.09	.69	1.54
ANNUAL RUNOFF (INCHES)	28.32	9.44	20.95
10 PERCENT EXCEEDS		1350	3010
50 PERCENT EXCEEDS		198	331
90 PERCENT EXCEEDS		79	60

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.81	2.43	2.94	6.49	7.31	3.01	4.07	8.11	2.55	2.50	---	2.29
2	2.74	2.51	2.91	7.85	8.41	2.97	4.05	8.36	2.56	2.41	2.75	2.21
3	2.97	3.83	2.87	8.06	9.75	2.94	4.01	8.31	2.48	---	2.61	2.21
4	4.27	4.50	2.85	6.76	10.02	2.91	4.01	7.59	2.40	2.29	2.74	2.23
5	4.72	4.62	2.83	5.97	10.06	2.89	3.99	6.08	2.38	2.22	2.53	2.26
6	5.25	4.34	2.81	5.90	9.86	2.88	3.86	4.67	2.37	2.18	---	2.27
7	5.74	4.21	3.02	6.58	9.31	2.89	3.64	3.90	2.35	2.15	---	---
8	6.16	4.52	3.58	6.54	8.42	2.94	3.42	3.54	2.35	---	---	---
9	6.58	4.76	3.92	6.50	7.49	2.94	3.27	3.31	2.37	---	---	---
10	6.85	4.79	4.28	6.53	6.71	2.91	3.19	3.16	2.36	2.07	---	---
11	6.21	4.60	3.92	6.67	6.02	2.90	3.28	3.05	2.32	2.07	---	---
12	4.62	4.35	3.78	6.91	5.48	2.98	3.45	2.98	2.29	2.08	---	---
13	3.69	4.38	3.88	7.17	5.06	3.25	4.28	2.92	2.29	2.09	---	---
14	3.34	4.40	4.10	7.43	4.71	3.46	7.19	2.86	---	2.08	---	---
15	3.12	4.56	4.29	7.70	4.40	3.48	8.01	2.80	---	---	---	---
16	2.98	5.03	4.31	7.93	4.12	3.33	7.78	2.78	---	---	---	---
17	2.87	5.64	4.28	7.91	3.90	3.16	7.23	2.77	---	---	---	1.98
18	2.79	6.23	7.25	7.14	3.71	3.05	6.86	2.73	---	---	---	1.93
19	2.73	6.59	11.22	5.76	3.58	3.02	7.17	2.67	---	---	---	1.91
20	2.67	6.50	13.21	4.77	3.48	3.09	7.90	2.63	---	2.06	---	2.03
21	2.63	5.67	14.18	4.28	3.41	3.83	8.70	2.60	2.64	2.07	---	2.18
22	2.59	4.48	13.74	4.02	3.35	4.71	9.36	2.59	3.11	2.06	2.22	2.33
23	2.55	3.79	11.68	3.87	3.28	5.22	9.69	2.58	3.34	2.06	---	2.47
24	2.51	3.48	10.75	3.98	3.23	5.40	9.57	2.57	3.02	2.07	---	2.39
25	2.48	3.29	12.16	4.49	3.18	5.27	8.73	2.53	3.01	2.18	---	2.21
26	2.46	3.16	13.06	6.43	3.16	4.72	7.70	2.48	3.20	2.33	---	2.19
27	2.44	3.06	12.57	13.46	3.12	4.01	7.27	---	3.19	2.20	---	2.61
28	2.42	2.99	11.49	13.65	3.08	3.61	7.19	2.34	2.95	2.40	---	6.21
29	2.41	2.96	10.40	11.26	3.04	3.43	7.39	2.35	2.85	2.89	2.42	7.47
30	2.42	2.97	9.26	8.77	---	3.67	7.73	2.43	2.62	2.83	2.66	7.67
31	2.40	---	7.66	7.30	---	3.99	---	2.49	---	2.73	2.70	---
MAX	6.85	6.59	14.18	13.65	10.06	5.40	9.69	---	---	---	---	---
MIN	2.40	2.43	2.81	3.87	3.04	2.88	3.19	---	---	---	---	---

CALCASIEU RIVER BASIN

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA

LOCATION.--Lat 30°41'55", long 92°53'35", in NE 1/4 NE 1/4 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 mi².

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 sea level. Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

REMARKS.--Records fair. Several measurements of water temperature were made during the year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 6	0400	4,710	14.29	Dec. 22	0100	*6,790	*16.56

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261	248	252	1430	856	326	348	281	474	222	246	261
2	432	962	276	1810	1210	331	354	319	327	215	236	277
3	1740	1260	286	1590	1460	333	330	280	225	208	367	244
4	3090	1410	268	1120	1310	324	309	244	202	208	282	224
5	4170	1240	248	852	1000	318	284	228	195	209	232	212
6	4500	843	252	834	752	313	282	220	189	212	217	205
7	3060	585	255	1630	668	314	278	213	183	209	209	201
8	1360	546	289	1880	651	333	298	206	181	207	e193	198
9	683	422	323	1710	622	398	321	201	181	205	178	198
10	551	406	516	1120	579	395	297	196	181	206	178	195
11	386	357	803	838	544	344	277	198	173	204	199	193
12	344	693	618	737	512	321	269	197	169	202	262	221
13	330	1010	422	672	484	312	669	209	171	206	314	215
14	315	914	355	623	453	307	1690	271	175	207	309	199
15	299	567	325	575	429	304	1840	235	375	205	349	196
16	295	449	309	539	412	302	1830	207	763	208	270	194
17	284	451	329	519	398	299	1320	196	874	214	232	198
18	263	342	1810	511	388	297	757	189	679	234	216	205
19	238	303	4140	491	378	329	543	182	394	227	207	221
20	230	284	4820	501	372	695	467	179	407	228	202	241
21	235	268	6220	524	371	657	412	175	716	231	199	259
22	238	259	6470	480	367	442	368	172	1090	217	198	551
23	230	265	4430	468	359	364	360	170	818	215	199	552
24	223	274	1740	483	354	341	637	168	477	217	198	349
25	222	250	1040	487	347	327	1090	165	361	262	208	267
26	219	235	887	959	345	315	932	164	301	472	206	233
27	218	235	798	2160	342	319	540	162	284	518	203	423
28	211	238	736	1820	334	355	398	166	280	551	214	1740
29	211	247	688	1640	330	461	341	170	252	495	238	1750
30	220	252	650	1170	---	422	299	177	229	299	251	1450
31	226	---	695	830	---	361	---	233	---	251	234	---
TOTAL	25284	15815	41250	31003	16627	11259	18140	6373	11326	7964	7246	11872
MEAN	816	527	1331	1000	573	363	605	206	378	257	234	396
MAX	4500	1410	6470	2160	1460	695	1840	319	1090	551	367	1750
MIN	211	235	248	468	330	297	269	162	169	202	178	193
AC-FT	50150	31370	81820	61490	32980	22330	35980	12640	22470	15800	14370	23550
CFSM	1.60	1.03	2.61	1.96	1.12	.71	1.19	.40	.74	.50	.46	.78
IN.	1.84	1.15	3.01	2.26	1.21	.82	1.32	.46	.83	.58	.53	.87

e Estimated

CALCASIEU RIVER BASIN
08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

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

MEAN	403	665	1106	1247	1298	1204	1080	1130	667	501	417	363	
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	224	290	261	228	189	155	126	124	115	
(WY)	1957	1955	1955	1981	1954	1954	1963	1963	1970	1970	1970	1954	
SUMMARY STATISTICS													
			FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1940 - 1996				
ANNUAL TOTAL			448560			204159							
ANNUAL MEAN			1229			558			838				
HIGHEST ANNUAL MEAN									1643				
LOWEST ANNUAL MEAN									286				
HIGHEST DAILY MEAN			22900			Mar9			6470			Dec 22	
LOWEST DAILY MEAN			137			Sep 17			162			May 27	
ANNUAL SEVEN-DAY MINIMUM			142			Sep 12			166			May 23	
INSTANTANEOUS PEAK FLOW									6790			Dec 22	
INSTANTANEOUS PEAK STAGE									16.56			Dec 22	
INSTANTANEOUS LOW FLOW									160			May 27	
INSTANTANEOUS LOW STAGE									2.57			Aug 8-11	
ANNUAL RUNOFF (AC-FT)			889700			404900			607300				
ANNUAL RUNOFF (CFSM)			2.41			1.09			1.64				
ANNUAL RUNOFF (INCHES)			32.72			14.89			22.33				
10 PERCENT EXCEEDS			3270			1130			1850				
50 PERCENT EXCEEDS			458			314			376				
90 PERCENT EXCEEDS			210			198			167				

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.67	3.31	3.33	7.38	5.55	3.47	3.58	3.51	4.14	2.90	3.06	3.14
2	4.48	5.91	3.44	8.52	6.72	3.49	3.60	3.64	3.66	2.85	3.00	3.22
3	8.32	6.89	3.49	7.87	7.50	3.51	3.49	3.50	3.25	2.80	3.65	3.04
4	11.75	7.33	3.41	6.42	7.04	3.46	3.39	3.37	3.10	2.80	3.25	2.91
5	13.55	6.80	3.31	5.53	6.04	3.43	3.26	3.29	3.05	2.81	2.97	2.83
6	14.02	5.49	3.33	5.46	5.17	3.41	3.25	3.23	3.00	2.83	2.86	2.77
7	11.56	4.62	3.35	7.99	4.87	3.41	3.23	3.17	2.95	2.81	2.81	2.75
8	7.16	4.49	3.50	8.72	4.81	3.51	3.33	3.13	2.93	2.79	---	2.73
9	4.95	4.05	3.65	8.24	4.71	3.80	3.45	3.09	2.94	2.78	2.57	2.72
10	4.51	3.98	4.36	6.42	4.55	3.79	3.33	3.05	2.94	2.78	2.57	2.70
11	3.91	3.79	5.36	5.49	4.41	3.56	3.22	3.07	2.87	2.77	2.73	2.69
12	3.74	4.96	4.73	5.12	4.29	3.44	3.18	3.06	2.84	2.76	3.14	2.90
13	3.68	6.06	4.04	4.89	4.17	3.40	4.76	3.15	2.86	2.78	3.40	2.85
14	3.62	5.74	3.78	4.71	4.04	3.38	8.19	3.47	2.89	2.79	3.39	2.73
15	3.55	4.56	3.66	4.53	3.94	3.36	8.63	3.32	3.78	2.77	3.58	2.71
16	3.53	4.14	3.59	4.39	3.87	3.35	8.59	3.13	5.21	2.80	3.19	2.69
17	3.48	4.15	3.67	4.31	3.80	3.34	7.06	3.05	5.61	2.85	2.97	2.73
18	3.38	3.73	8.30	4.28	3.76	3.33	5.19	2.99	4.91	2.99	2.86	2.78
19	3.25	3.56	13.52	4.20	3.71	3.48	4.40	2.95	3.88	2.94	2.79	2.89
20	3.20	3.48	14.42	4.24	3.69	4.97	4.11	2.92	3.92	2.94	2.75	3.01
21	3.23	3.40	15.97	4.33	3.68	4.83	3.94	2.89	5.03	2.97	2.73	3.13
22	3.25	3.36	16.23	4.15	3.67	3.99	3.80	2.87	6.34	2.86	2.72	4.42
23	3.20	3.39	13.79	4.10	3.63	3.65	3.78	2.85	5.40	2.85	2.73	4.44
24	3.15	3.43	8.28	4.17	3.60	3.54	4.75	2.83	4.14	2.86	2.73	3.58
25	3.14	3.32	6.17	4.18	3.57	3.48	6.35	2.81	3.64	3.13	2.80	3.17
26	3.12	3.23	5.66	5.81	3.56	3.42	5.80	2.80	3.35	4.12	2.79	2.98
27	3.11	3.23	5.34	9.51	3.55	3.44	4.39	2.78	3.26	4.31	2.76	3.78
28	3.06	3.25	5.12	8.57	3.51	3.61	3.89	2.79	3.24	4.44	2.84	8.32
29	3.06	3.30	4.94	8.04	3.49	4.07	3.71	2.85	3.09	4.21	3.01	8.36
30	3.13	3.33	4.81	6.58	---	3.91	3.57	2.90	2.95	3.34	3.08	7.46
31	3.17	---	4.97	5.46	---	3.64	---	3.24	---	3.08	2.98	---
MAX	14.02	7.33	16.23	9.51	7.50	4.97	8.63	3.64	6.34	4.44	---	8.36
MIN	3.06	3.23	3.31	4.10	3.49	3.33	3.18	2.78	2.84	2.76	---	2.69

CALCASIEU RIVER BASIN
08015500 CALCASIEU RIVER NEAR KINDER, LA

LOCATION.--Lat 30°30'10", long 92°54'55", in NW 1/4 SE 1/4 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 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1922 to January 1925, October 1938 to September 1957, October 1961 to current year. October 1957 to September 1961 (annual maximums) from National Weather Service.

GAGE.--Water-stage recorder. Replaced with electronic data logger, July 10, 1996. Datum of gage is 11.95 ft above sea level. 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 ft³/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 ft³/s and this diversion results in marked regulation of the low-water flow. Boyer method to determine discharge used Oct. 4-5, 8-9; Dec. 18-20, 24-25; Jan. 2-4, 27, 29-31; Feb. 3 and Apr. 18.

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

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	452	525	711	2720	3170	779	1030	2120	805	696	799	1400
2	421	904	744	3940	3250	736	1010	2210	914	593	e780	1150
3	907	2090	717	4720	4430	734	968	2290	792	536	e1030	1010
4	3370	2780	684	3840	4520	733	924	2220	660	497	e930	731
5	5090	2910	671	2970	4310	706	912	1870	564	462	727	615
6	6020	2530	671	2380	3950	694	933	1360	522	439	622	545
7	6630	2050	666	2840	3580	736	914	1020	488	427	557	509
8	5540	1740	775	3570	3220	758	827	854	486	408	e535	510
9	3270	1560	1060	3720	2820	773	784	759	458	397	498	466
10	2350	1460	1330	3510	2430	815	754	690	456	389	e614	431
11	1860	1370	1500	2890	2110	786	719	675	438	384	595	481
12	1460	1330	1500	2520	1870	738	718	668	414	398	684	544
13	1060	1550	1290	2410	1670	743	797	647	402	413	1050	544
14	860	1810	1180	2370	1520	788	2040	656	468	417	1270	462
15	757	1640	1160	2380	1400	816	3370	691	476	436	963	428
16	692	1450	1150	2400	1290	815	3860	631	770	453	846	407
17	633	1450	1180	2420	1210	782	3890	586	1120	473	694	400
18	596	1550	3130	2360	1130	736	2990	568	1150	549	610	408
19	582	1650	7200	2040	1070	717	2410	540	1080	601	567	398
20	559	1710	10900	1650	1020	827	2250	510	978	580	520	399
21	541	1610	12600	1440	989	1140	2360	488	1090	568	481	690
22	519	1310	14700	1330	959	1190	2530	462	1440	546	460	911
23	499	1040	14700	1250	930	1220	2780	446	1630	507	453	1110
24	485	911	11100	1270	899	1290	2910	427	1390	528	443	1040
25	475	827	6550	1380	877	1350	3130	413	1120	624	440	791
26	463	766	5400	1820	857	1260	3080	409	995	882	425	606
27	455	725	5120	6930	827	1080	2570	397	928	1050	404	576
28	447	707	4930	9880	794	943	2150	385	875	1100	419	2340
29	439	697	4320	8320	796	907	2030	395	942	1270	507	4070
30	439	695	3650	5940	---	1050	2050	505	902	1110	1920	4180
31	450	---	3030	3940	---	1040	---	503	---	843	2380	---
TOTAL	48321	43347	124319	101150	57898	27682	57690	26395	24753	18576	23223	28152
MEAN	1559	1445	4010	3263	1996	893	1923	851	825	599	749	938
MAX	6630	2910	14700	9880	4520	1350	3890	2290	1630	1270	2380	4180
MIN	421	525	666	1250	794	694	718	385	402	384	404	398
AC-FT	95840	85980	246600	200600	114800	54910	114400	52350	49100	36850	46060	55840

e Estimated

CALCASIEU RIVER BASIN
08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 1996, BY WATER YEAR (WY)

MEAN	998	1630	3682	4351	4551	4097	3732	3704	1950	1484	1060	847
MAX	9258	9475	20030	12670	11760	11880	14730	36390	9601	20130	12370	7285
(WY)	1985	1986	1983	1974	1950	1995	1923	1953	1950	1989	1940	1979
MIN	235	298	308	300	819	720	472	378	289	265	214	241
(WY)	1957	1955	1955	1981	1954	1954	1981	1963	1948	1956	1956	1954
SUMMARY STATISTICS			FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1923 - 1996			
ANNUAL TOTAL			1431155			581506						
ANNUAL MEAN			3921			1589			2672			
HIGHEST ANNUAL MEAN									4979			
LOWEST ANNUAL MEAN									788			
HIGHEST DAILY MEAN			53900			Apr13			14700			Dec 22
LOWEST DAILY MEAN			274			Sep 18			384			Jul 11
ANNUAL SEVEN-DAY MINIMUM			285			Sep 13			401			Jul 8
INSTANTANEOUS PEAK FLOW									15300			Dec 22,23
INSTANTANEOUS PEAK STAGE									16.97			Dec 22,23
INSTANTANEOUS LOW FLOW									365			May 29
INSTANTANEOUS LOW STAGE									1.82			July 10,11
ANNUAL RUNOFF (AC-FT)			2839000			1153000			1936000			1.42
10 PERCENT EXCEEDS			8910			3410			6170			
50 PERCENT EXCEEDS			1610			909			1050			
90 PERCENT EXCEEDS			513			449			333			

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	3.04	3.44	8.56	9.46	3.55	4.29	7.19	3.43	2.90	3.06	5.00
2	2.88	4.19	3.54	10.41	9.60	3.42	4.22	7.41	3.76	2.56	---	4.26
3	4.32	7.37	3.45	11.72	11.16	3.41	4.10	7.61	3.38	2.38	---	3.84
4	9.59	8.96	3.34	11.04	11.57	3.41	3.97	7.43	2.95	2.25	---	3.03
5	12.19	9.22	3.29	9.07	11.29	3.32	3.94	6.54	2.62	2.13	2.82	2.68
6	13.67	8.41	3.29	7.83	10.78	3.29	4.00	5.16	2.48	2.06	2.48	2.47
7	14.21	7.28	3.27	8.81	10.20	3.42	3.94	4.18	2.36	2.01	2.27	2.37
8	13.60	6.47	3.60	10.19	9.56	3.48	3.69	3.68	2.35	1.95	---	2.38
9	10.96	6.00	4.43	10.43	8.77	3.53	3.56	3.39	2.25	1.91	2.07	2.25
10	8.15	5.72	5.19	10.08	7.93	3.66	3.47	3.17	2.24	1.88	2.20	2.15
11	6.96	5.47	5.66	8.90	7.19	3.57	3.36	3.12	2.18	1.86	---	2.32
12	5.91	5.37	5.64	8.16	6.56	3.42	3.36	3.08	2.10	1.90	2.65	2.53
13	4.77	5.95	5.07	7.90	6.06	3.44	3.60	3.01	2.06	1.94	3.75	2.54
14	4.18	6.63	4.76	7.82	5.66	3.58	6.93	3.04	2.26	1.95	4.42	2.30
15	3.87	6.16	4.69	7.83	5.33	3.66	9.83	3.15	2.28	2.00	3.50	2.20
16	3.66	5.67	4.66	7.88	5.03	3.66	10.64	2.95	3.23	2.05	3.17	2.14
17	3.47	5.68	4.76	7.93	4.81	3.56	10.68	2.80	4.31	2.11	2.72	2.13
18	3.34	5.91	8.63	7.78	4.57	3.42	9.43	2.73	4.42	2.35	2.46	2.17
19	3.29	6.17	13.46	7.00	4.40	3.36	7.88	2.64	4.19	2.50	2.34	2.15
20	3.22	6.34	15.61	5.99	4.25	3.69	7.52	2.54	3.87	2.43	2.20	2.16
21	3.15	6.06	16.32	5.44	4.16	4.60	7.77	2.45	4.22	2.39	2.09	3.09
22	3.08	5.24	16.83	5.15	4.07	4.75	8.17	2.37	5.25	2.31	2.03	3.77
23	3.01	4.47	16.83	4.91	3.99	4.85	8.69	2.31	5.78	2.19	2.02	4.37
24	2.95	4.08	16.01	4.98	3.90	5.03	8.95	2.25	5.10	2.25	2.00	4.16
25	2.92	3.83	14.18	5.29	3.84	5.20	9.38	2.19	4.29	2.55	2.00	3.45
26	2.87	3.64	12.62	6.40	3.78	4.94	9.29	2.17	3.88	3.33	1.97	2.88
27	2.84	3.51	12.32	12.69	3.69	4.42	8.24	2.12	3.66	3.83	1.91	2.80
28	2.81	3.45	12.09	15.43	3.60	4.03	7.27	2.08	3.49	3.98	1.97	7.50
29	2.78	3.41	11.31	15.00	3.60	3.93	6.98	2.11	3.70	4.53	2.26	10.95
30	2.78	3.40	10.32	13.61	---	4.35	7.03	2.47	3.56	3.99	6.45	11.12
31	2.80	---	9.18	11.43	---	4.32	---	2.45	---	3.20	7.72	---
MAX	14.21	9.22	16.83	15.43	11.57	5.20	10.68	7.61	5.78	4.53	---	11.12
MIN	2.78	3.04	3.27	4.91	3.60	3.29	3.36	2.08	2.06	1.86	---	2.13

SABINE RIVER MAIN STEM

08022040 SABINE RIVER NEAR BECKVILLE, TX

LOCATION.--Lat 32°19'38", long 94° 21'1 2", Panola County, Hydrologic Unit 12010002, at downstream side of highway embankment near right end of downstream bridge on U.S. Highway 59, 0.9 mi upstream from Eightmile Creek, 6.0 mi upstream from Farm Road 1794, 8.4 mi northeast of Beckville, 12.4 mi downstream from State Highway 43, and at mile 327.0.

DRAINAGE AREA.--3,589 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year. Prior to October 1978, published as "near Tatum" (station 08022000).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 190.00 ft above sea level. Prior to Oct. 1, 1978, at site 12.4 mi upstream at datum 14.18 ft higher. Prior to Sept. 21, 1945, nonrecording gage.

REMARKS.--No estimated daily discharges. Records good. Eight major upstream reservoirs, with a combined capacity of 1,701,000 acre-ft, largely regulate the flow. There are several diversions above this station and below Lake Tawakoni for municipal, industrial and for oil field operations. Low flows are sustained by sewage effluents that are returned to the river above the station. For statement regarding regulation by Natural Resource Conservation Service flood-water-retarding structures, see station 08018500. Rain gage at station. Satellite telemeter at station.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--22 years (water years 1939-60) prior to regulation by Lake Tawakoni, 2,663 ft³/s (1,929,000 acre-ft/yr).

EXTREMES FOR PERIOD OF RECORD PRIOR TO REGULATION (WATER YEARS 1939-60).--Maximum discharge, 123,000 ft³/s Apr. 4, 1945 (gage height, 33.80 ft), site and datum then in use, from graph based on gage readings, from rating curve extended above 66,000 ft³/s on basis of partly estimated discharge measurement of 88,900 ft³/s; minimum observed, 2.4 ft³/s Aug. 11, 1964. Maximum stage since at least 1884, that of Apr. 4, 1945.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of about 2 ft lower than flood of Apr. 4, 1945. These dates and gage heights are based on information for stations near Tatum (08022000, discontinued) and at Logansport, La. (08022500).

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	225	152	130	372	358	321	404	639	98	87	321	661
2	205	151	132	461	369	294	454	522	411	82	294	537
3	243	165	126	529	365	285	443	431	1480	73	271	474
4	274	160	135	512	357	295	402	384	1290	70	259	434
5	261	158	149	459	354	275	412	346	871	67	257	393
6	222	158	153	415	352	283	797	290	558	84	263	354
7	185	164	140	400	355	311	1100	267	374	85	268	425
8	186	165	155	392	361	406	1030	280	286	76	284	378
9	179	154	259	385	368	355	1010	266	237	76	321	275
10	164	165	429	347	378	306	1010	240	172	88	309	231
11	173	169	355	336	367	272	941	253	142	89	302	205
12	161	166	313	350	340	273	843	484	134	127	482	173
13	152	149	317	339	355	263	727	742	127	101	604	170
14	144	140	326	325	359	258	719	864	128	76	482	188
15	154	145	314	315	348	267	666	1040	166	86	359	180
16	147	142	322	294	337	252	605	1120	129	112	292	189
17	131	134	339	270	307	254	525	1090	124	164	255	282
18	142	130	615	274	276	257	455	984	134	214	241	246
19	146	128	1070	352	256	265	415	849	210	289	236	188
20	138	131	988	413	267	318	376	715	177	332	222	310
21	121	133	683	409	272	319	351	574	144	276	199	908
22	125	154	509	394	274	332	411	427	138	228	186	1400
23	128	151	485	407	258	355	483	306	131	191	172	1180
24	115	141	457	604	278	367	619	249	103	259	156	815
25	116	143	399	789	331	366	518	210	113	964	142	1820
26	123	135	353	594	311	377	444	169	152	867	143	1860
27	125	119	323	502	277	350	419	139	240	524	170	1870
28	119	124	313	451	242	346	379	124	181	384	416	3520
29	126	124	296	418	277	378	352	114	122	427	1830	2760
30	118	120	267	372	---	406	575	108	88	435	2160	1540
31	127	---	291	349	---	415	---	99	---	385	1140	---
TOTAL	4975	4370	11143	12829	9349	9821	17885	14325	8660	7318	13036	23966
MEAN	160	146	359	414	322	317	596	462	289	236	421	799
MAX	274	169	1070	789	378	415	1100	1120	1480	964	2160	3520
MIN	115	119	126	270	242	252	351	99	88	67	142	170
AC-FT	9870	8670	22100	25450	18540	19480	35470	28410	17180	14520	25860	47540

SABINE RIVER MAIN STEM

08022040 SABINE RIVER NEAR BECKVILLE, TX--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1996#, BY WATER YEAR (WY)

MEAN	601	1660	3210	3129	3837	1287	3901	4857	2828	947	319	436
MAX	4325	8221	9866	10960	11930	12240	11330	21010	11580	3834	1725	3434
(WY)	1974	1975	1975	1992	1975	1992	1990	1966	1989	1992	1979	1974
MIN	42.5	82.1	144	239	322	317	355	317	77.5	32.1	36.7	33.8
(WY)	1964	1964	1966	1964	1996	1996	1971	1972	1971	1964	1969	1985

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1961 - 1996#
ANNUAL TOTAL	1235339	137677	
ANNUAL MEAN	3384	376	2494
HIGHEST ANNUAL MEAN			4857
LOWEST ANNUAL MEAN			311
HIGHEST DAILY MEAN	17300	Jan 1	2.4
ANNUAL SEVEN-DAY MINIMUM	115	Oct 24	3.8
INSTANTANEOUS PEAK FLOW	120	Oct 24	49400
INSTANTANEOUS PEAK STAGE			14.17
ANNUAL RUNOFF (AC-FT)	2450000	273100	38.87
10 PERCENT EXCEEDS	10000	721	180700
50 PERCENT EXCEEDS	632	289	7290
90 PERCENT EXCEEDS	137	125	850
			88

Period of regulated streamflow.

SABINE RIVER MAIN STEM

08022500 SABINE RIVER AT LOGANSPOUT, LA

LOCATION.--Lat 31°58'20", long 94°00'22", De Soto Parish, Louisiana-Shelby County, Texas State line at Logansport, Hydrologic Unit 12010004, on left bank just upstream from bridge on U.S. Highway 84, 3 mi upstream from Bayou Castor, 111 mi upstream from Toledo Bend Dam, and at mile 267.1.

DRAINAGE AREA.--4,842 mi²

PERIOD OF RECORD.--Gage-height record March 1968 to current year. Daily discharge record July 1903 to February 1968.

REVISED RECORDS.--WSP 1312: 1903-6 (monthly and annual means). WSP 1732: 1929(M), 1933(M).

GAGE.--Water-stage recorder. Datum of gage is 147.72 ft above sea level. July 1, 1903, to Sept. 30, 1956, nonrecording gage, Oct. 1, 1956, to Jan. 16, 1964, water-stage recorder 4,600 ft upstream Jan. 16, 1964, to Dec. 10, 1968, water-stage recorder 4,700 ft upstream. All gages to present datum except prior to Dec. 31, 1906 when datum was 2.00 ft lower.

REMARKS.--Records good. Station discontinued as a daily streamflow station on Mar. 1, 1968, due to backwater from storage in Toledo Bend Reservoir (station 08025350). Ten major reservoirs, with a combined capacity of 1,824,000 acre-ft, largely regulate the flow. For statement regarding regulation by Soil Conservation Service floodwater-retarding structures, see station 08018500. Numerous diversions above station for oil field operations, municipal, and industrial uses. Gage-height telemeter at station.

AVERAGE DISCHARGE.--64 years (water years 1904-67), 3,208 ft³/s (2,324,000 acre-ft/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height (1968-91), 34.78 ft Apr. 16, 1991; minimum since initial filling of Toledo Bend Reservoir in June 1968, 16.85 ft Nov. 9, 1987. Maximum discharge (1903-67), 92,000 ft³/s Apr. 8, 1945 (gage height, 44.07 ft, from floodmark); minimum, 16 ft³/s Sept. 26-28, Oct. 3, 4, 1939. Maximum stage since at least 1884, that of Apr. 8, 1945.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of 39.4 ft, present site and datum.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 29.96 ft Apr. 26 at 1230 hours; minimum, 18.37 ft at 2130 on Sep. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.40	18.13	17.54	18.26	18.14	18.11	18.13	18.68	18.37	17.96	17.82	17.75
2	18.43	17.43	17.65	18.02	18.05	18.12	18.20	18.92	18.18	17.93	17.80	17.68
3	18.40	17.80	17.43	18.41	18.18	18.31	18.28	18.89	18.24	17.88	17.75	17.67
4	18.49	18.02	17.49	18.41	18.55	18.42	17.98	18.84	18.40	17.84	17.78	17.62
5	18.39	18.04	17.46	18.09	18.42	18.24	17.87	18.75	18.51	18.00	17.77	17.62
6	18.33	18.12	17.34	17.79	18.37	17.27	18.22	18.68	18.35	17.85	17.54	17.61
7	18.32	17.95	17.51	18.22	18.47	17.58	18.17	18.79	17.97	17.95	17.66	17.64
8	18.30	18.08	17.15	18.51	18.36	17.90	18.19	18.66	17.91	17.77	17.49	17.63
9	18.28	18.51	17.23	18.31	18.35	17.92	18.20	18.61	18.06	17.69	17.52	17.53
10	18.26	18.25	17.52	18.43	18.32	17.94	18.36	18.55	17.99	17.68	17.55	17.50
11	18.28	18.06	17.58	18.40	18.26	17.92	18.50	18.39	18.01	17.73	17.59	17.48
12	18.25	18.32	17.66	18.37	18.40	18.15	18.45	18.48	18.13	17.68	17.63	17.51
13	18.22	17.78	17.57	18.39	18.39	18.00	18.31	18.56	18.12	17.67	17.51	17.46
14	18.11	18.03	17.51	18.34	18.34	17.91	18.15	18.86	18.08	17.91	17.50	17.56
15	18.21	17.92	17.35	18.35	18.22	17.87	18.31	18.75	18.09	17.81	17.53	17.52
16	18.17	17.93	17.45	18.58	18.34	17.89	18.46	18.72	17.94	17.83	17.49	17.33
17	18.16	17.92	17.58	18.78	18.22	17.85	18.68	18.80	17.91	17.71	17.52	17.31
18	18.20	17.88	17.94	17.67	18.49	17.70	18.58	18.70	18.15	17.68	17.50	17.44
19	18.09	17.84	18.12	18.39	18.28	17.65	18.77	18.76	17.98	17.75	17.39	17.36
20	18.09	17.84	18.33	18.21	18.34	17.89	18.39	18.65	18.08	17.74	17.37	17.69
21	18.27	17.87	18.28	18.33	18.47	17.82	18.84	18.39	18.12	17.63	17.66	17.52
22	18.34	18.21	18.17	18.46	18.49	17.95	18.50	18.50	18.11	17.70	17.43	17.68
23	17.79	17.65	18.18	17.97	17.98	18.04	18.59	18.69	18.25	17.29	17.28	17.81
24	18.03	17.70	18.26	18.39	18.26	17.89	18.76	18.49	18.15	---	17.28	17.77
25	18.04	17.66	17.94	18.72	18.30	17.66	18.77	18.46	18.17	17.78	17.22	18.02
26	18.19	17.90	18.23	17.96	18.42	17.96	18.52	18.63	18.05	17.85	17.32	18.34
27	17.85	17.13	18.15	18.44	17.86	17.83	18.91	18.41	18.05	17.74	17.21	18.63
28	18.02	17.40	18.22	18.52	18.13	17.85	18.80	18.32	18.02	17.74	17.50	19.31
29	18.04	17.48	18.28	18.36	18.00	18.31	18.27	18.31	18.00	17.81	17.88	19.71
30	17.91	17.49	18.40	17.85	---	18.13	18.69	18.23	17.96	17.83	18.56	19.58
31	17.99	---	18.24	18.34	---	17.94	---	18.23	---	17.82	18.14	---
MAX	18.49	18.51	18.40	18.78	18.55	18.42	18.91	18.92	18.51	18.00	18.56	19.71
MIN	17.79	17.13	17.15	17.67	17.86	17.27	17.87	18.23	17.91	17.29	17.21	17.31
CAL	YEAR	1995	MAX	29.91	MIN	17.13						
WTR	YEAR	1996	MAX	19.71	MIN	17.13						

08023080 BAYOU GRAND CANE NEAR STANLEY, LA

LOCATION.--Lat 31°58'45", long 93°56'02", in SW 1/4 SE 1/4 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 mi².

PERIOD OF RECORD.--January 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 172.40 ft above sea level.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug. 30	2030	*351	*8.85	No peaks above base.			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	6.0	3.0	1.1	.90	.18	.00	.00	.00	3.2
2	.03	.00	.00	7.9	2.9	1.1	.90	.19	.00	.00	.00	1.6
3	2.4	.00	.00	9.1	2.7	1.0	.90	.12	.00	.00	.00	1.1
4	1.1	.00	.00	8.9	2.5	.99	.87	.07	.00	.00	.00	1.7
5	4.9	.00	.00	6.9	2.3	1.0	.97	.09	.00	.00	.00	2.2
6	3.1	.00	.00	6.1	2.3	.99	1.1	.07	.00	.00	.00	2.4
7	1.5	.00	.00	5.4	2.2	.96	1.1	.02	.00	.00	.00	2.4
8	.86	.00	.14	5.9	2.2	.94	1.1	.00	.00	.00	.00	2.4
9	.51	.00	.71	5.7	2.2	.92	1.1	.00	.00	.00	.00	2.4
10	.15	.00	.67	5.3	2.2	.92	.97	.00	.00	.00	.00	2.3
11	.00	.00	.62	5.0	2.3	.92	.95	.07	.00	.00	.00	2.3
12	.00	.00	.62	4.6	2.2	.90	.97	.12	.00	.00	.00	2.2
13	.00	.00	.66	7.0	2.1	.89	1.4	.12	.00	.50	.00	2.2
14	.00	.00	.67	5.4	2.1	.89	1.5	.09	.00	.42	.00	2.1
15	.00	.00	.90	5.1	2.0	.87	2.0	.11	.00	.66	.00	2.0
16	.00	.00	3.0	4.2	1.8	.86	.67	.07	.00	.47	.00	1.8
17	.00	.00	13	3.7	1.7	.84	.17	.01	.00	.45	.00	1.6
18	.00	.00	85	3.6	1.7	.84	.01	.00	.00	.45	.00	1.4
19	.00	.00	177	3.7	1.8	.83	.01	.00	.00	.38	.00	1.4
20	.00	.00	135	3.8	1.8	.79	.07	.00	.07	.31	.00	3.6
21	.00	.00	21	3.6	1.5	.77	.08	.00	.48	.23	.00	4.1
22	.00	.00	6.5	3.7	1.5	.74	.15	.00	.29	.16	.00	6.0
23	.00	.00	4.9	4.2	1.5	.79	.17	.00	.13	.17	.00	3.4
24	.00	.00	4.9	4.5	1.3	.83	.15	.00	.01	.64	.00	3.2
25	.00	.00	5.6	4.9	1.3	.88	.15	.00	.00	1.3	.00	4.2
26	.00	.00	5.4	4.7	1.3	.84	.12	.00	.00	.41	.00	3.9
27	.00	.00	5.4	4.9	1.3	.82	.07	.00	.00	.39	.00	22
28	.00	.00	5.0	4.4	1.3	.78	.07	.00	.00	.06	18	117
29	.00	.00	4.8	3.6	1.2	.91	.13	.00	.00	.00	36	41
30	.00	.00	4.9	3.2	---	.92	.13	.00	.00	.00	227	3.6
31	.00	---	5.3	3.1	---	.92	---	.00	---	.00	121	---
TOTAL	14.55	0.00	491.69	158.1	56.2	27.75	18.88	1.33	0.98	7.00	402.00	250.7
MEAN	.47	.000	15.9	5.10	1.94	.90	.63	.043	.033	.23	13.0	8.36
MAX	4.9	.00	177	9.1	3.0	1.1	2.0	.19	.48	1.3	227	117
MIN	.00	.00	.00	3.1	1.2	.74	.01	.00	.00	.00	.00	1.1
AC-FT	29	.00	975	314	111	55	37	2.6	1.9	14	797	497
CFSM	.01	.00	.22	.07	.03	.01	.01	.00	.00	.00	.18	.12
IN.	.01	.00	.25	.08	.03	.01	.01	.00	.00	.00	.21	.13

SABINE RIVER BASIN

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

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

MEAN	18.6	36.8	110	129	208	119	103	95.7	89.2	20.7	3.19	1.34
MAX	128	220	376	450	514	380	451	388	433	290	14.5	8.36
(WY)	1985	1987	1983	1991	1987	1995	1991	1990	1989	1989	1994	1996
MIN	.000	.000	.036	.39	1.94	.90	.49	.043	.033	.000	.000	.000
(WY)	1991	1996	1982	1981	1996	1996	1981	1996	1996	1984	1985	1982

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1981 - 1996	
ANNUAL TOTAL	34209.69		1429.18		77.2	
ANNUAL MEAN	93.7		3.90		156	
HIGHEST ANNUAL MEAN					1989	
LOWEST ANNUAL MEAN					1996	
HIGHEST DAILY MEAN	4130	Apr 23	227	Aug 30	6230	May 18 1989
LOWEST DAILY MEAN	.00	many days	.00	many days	.00	at times most years
ANNUAL SEVEN-DAY MINIMUM	.00	many days	.00	many days	.00	at times most years
INSTANTANEOUS PEAK FLOW			351	Aug 30	9450	May 18 1989
INSTANTANEOUS PEAK STAGE			8.85	Aug 30	15.37	May 18 1989
INSTANTANEOUS LOW FLOW			.00	many days	No Flow	at times most years
ANNUAL RUNOFF (AC-FT)	67850		2830		55900	
ANNUAL RUNOFF (CFSM)	1.29		.054		1.06	
ANNUAL RUNOFF (INCHES)	17.55		.73		14.46	
10 PERCENT EXCEEDS	196		4.9		163	
50 PERCENT EXCEEDS	3.1		.34		3.5	
90 PERCENT EXCEEDS	.00		.00		.00	

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.19	3.67	---	---	3.85	---	3.51	3.82	---	---	3.75	4.34
2	3.20	4.26	---	---	3.86	---	3.47	3.69	---	---	3.42	3.91
3	3.43	4.18	---	3.98	3.95	---	3.42	3.56	---	---	3.27	3.59
4	3.90	3.91	---	3.89	3.97	---	3.37	3.47	---	---	3.19	3.41
5	3.87	3.86	---	3.80	3.85	---	3.37	3.42	---	---	3.12	3.29
6	3.54	3.65	---	4.85	3.80	---	3.73	3.36	---	---	3.07	3.20
7	3.36	3.53	---	5.27	3.80	---	4.21	3.32	---	---	3.04	3.14
8	3.28	3.48	---	4.62	3.83	---	3.98	3.28	---	---	3.01	3.09
9	3.22	3.47	---	4.29	3.83	---	3.72	3.25	---	---	3.25	3.05
10	3.20	3.39	---	4.12	---	---	3.58	3.22	---	---	3.61	3.18
11	3.18	3.38	---	4.03	---	3.44	3.50	3.24	---	---	3.28	3.08
12	3.17	3.42	---	3.96	---	3.44	3.46	3.29	---	---	3.27	3.01
13	3.16	3.60	---	3.86	---	3.44	3.89	3.62	---	---	3.21	2.97
14	3.16	3.54	---	3.77	---	3.46	4.18	3.46	---	---	3.21	2.95
15	3.15	3.46	---	3.73	---	3.47	4.07	3.33	---	---	3.15	2.94
16	3.15	3.39	---	3.72	---	3.47	4.82	3.25	---	---	3.09	2.92
17	3.16	3.35	---	3.73	---	3.47	4.18	---	---	---	3.03	2.91
18	3.15	3.33	---	3.77	---	3.46	3.85	---	---	---	2.99	2.89
19	3.14	3.35	---	3.82	---	3.43	3.70	---	---	---	2.97	2.90
20	3.13	3.35	---	3.99	---	3.38	3.60	---	---	---	3.02	3.15
21	3.12	3.38	---	3.85	---	3.34	3.53	---	---	---	2.95	4.24
22	3.10	3.41	---	3.77	---	3.34	3.65	---	---	---	2.99	4.50
23	3.09	3.46	---	3.78	---	3.34	6.71	---	---	---	2.95	3.84
24	3.08	3.41	---	4.22	---	3.33	6.12	---	---	---	2.95	3.54
25	3.07	3.37	---	4.73	---	3.43	4.64	---	---	---	2.98	3.58
26	3.08	3.35	---	4.34	---	3.63	4.14	---	---	---	2.98	3.45
27	3.17	3.35	---	4.10	---	3.80	3.87	---	---	---	2.95	3.55
28	3.22	3.36	---	3.96	---	3.81	3.70	---	---	---	2.96	4.53
29	3.12	3.36	---	3.87	---	3.72	3.67	---	---	3.63	3.28	4.61
30	3.16	---	---	3.82	---	3.62	3.72	---	---	3.43	6.20	3.99
31	3.21	---	---	3.84	---	3.56	---	---	---	4.01	4.85	---
MAX	3.90	---	---	---	---	---	6.71	---	---	---	6.20	4.61
MIN	3.07	---	---	---	---	---	3.37	---	---	---	2.95	2.89

SABINE RIVER BASIN

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 mi².

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 sea level. Oct. 29, 1953 to Sept. 30, 1968, crest-stage gage at same site and datum.

REMARKS.--Estimated daily discharges. Records fair. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharge greater than base of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)					
Jul. 25	2030	*1,170	*15.72	No peaks above base								
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996												
MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	18	7.4	4.4	12	8.6	2.5	e.00	14	46
2	.02	.00	.00	130	6.8	4.5	13	3.1	2.7	e.00	13	25
3	30	.00	.00	71	6.3	4.4	5.5	1.8	2.9	e.00	12	19
4	101	.00	.00	26	6.7	4.9	4.6	1.1	3.2	e.00	11	15
5	15	.00	.00	17	6.4	5.0	4.6	.80	3.0	e.00	9.9	12
6	6.1	.00	.00	21	6.1	5.1	5.1	1.3	3.0	e.00	9.2	11
7	3.4	.04	.00	35	6.2	5.2	5.4	1.8	2.9	e.00	8.5	9.3
8	2.0	.11	.00	26	6.5	5.0	6.3	1.7	2.8	e.00	7.9	8.6
9	1.1	.12	.00	17	6.9	5.8	5.4	2.0	2.9	e.00	8.1	8.0
10	.75	.12	.00	13	6.6	6.4	4.9	2.0	2.8	e.00	30	7.8
11	.92	.11	.00	11	5.7	6.7	4.9	3.5	2.7	e.00	16	7.2
12	.39	.10	.00	9.5	5.0	7.2	5.4	6.6	2.7	e.00	15	6.9
13	.32	.09	.00	8.6	4.6	7.6	48	5.4	2.9	e.00	14	6.5
14	.29	.06	.00	7.7	4.1	8.2	75	4.7	2.8	e.00	12	6.3
15	.25	.05	.00	7.0	3.8	9.2	127	4.1	2.8	e3.0	10	6.1
16	.19	.02	1.7	6.6	3.7	9.0	44	3.9	2.7	e13	8.8	5.8
17	.20	.00	7.4	6.3	4.0	9.8	12	3.8	2.7	14	7.7	5.6
18	.24	.00	154	6.8	4.0	9.8	7.2	3.6	e2.7	16	7.1	5.5
19	.22	.00	400	7.9	3.9	9.9	5.4	3.4	e2.8	46	6.5	5.2
20	.23	.00	173	11	4.0	9.8	4.8	3.3	e3.0	19	6.1	13
21	.09	.00	28	11	4.9	10	4.0	3.1	e3.6	6.3	5.6	129
22	.00	.00	16	9.0	4.4	11	11	3.0	e4.4	4.2	4.6	158
23	.00	.00	11	9.0	4.1	11	84	3.0	e5.0	11	4.7	34
24	.00	.00	8.6	63	3.2	11	22	2.8	e4.0	181	4.6	18
25	.00	.00	7.1	119	3.1	12	7.7	2.5	e3.0	603	4.4	19
26	.00	.00	6.2	33	4.4	14	5.0	2.4	e2.2	811	4.4	21
27	.00	.00	5.5	19	4.4	14	4.4	2.5	e.00	201	4.1	43
28	.00	.00	4.9	13	4.4	14	4.0	2.5	e.00	25	126	310
29	.00	.00	4.3	10	4.3	13	55	2.6	e.00	14	761	314
30	.00	.00	4.2	9.0	---	13	50	2.6	e.00	18	700	58
31	.00	---	4.7	8.0	---	13	---	2.6	---	15	193	---
TOTAL	162.71	0.82	836.60	759.4	145.9	273.9	647.6	96.10	78.70	2000.50	2039.2	1333.8
MEAN	5.25	.027	27.0	24.5	5.03	8.84	21.6	3.10	2.62	64.5	65.8	44.5
MAX	101	.12	400	130	7.4	14	127	8.6	5.0	811	761	314
MIN	.00	.00	.00	6.3	3.1	4.4	4.0	.80	.00	.00	4.1	5.2
AC-FT	323	1.6	1660	1510	289	543	1280	191	156	3970	4040	2650
CFSM	.07	.00	.34	.31	.06	.11	.27	.04	.03	.80	.82	.55
IN.	.08	.00	.39	.35	.07	.13	.30	.04	.04	.93	.95	.62

e Estimated

SABINE RIVER BASIN

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 1996, BY WATER YEAR (WY)

MEAN	11.9	36.4	113	140	220	152	151	125	82.8	21.2	9.70	11.7
MAX	123	305	478	448	592	347	544	530	573	288	65.8	85.0
(WY)	1995	1987	1983	1979	1983	1995	1991	1983	1989	1989	1996	1991
MIN	.000	.000	.000	.18	1.76	8.84	1.50	2.11	.000	.000	.000	.000
(WY)	1981	1981	1981	1981	1981	1996	1981	1988	1988	1978	1980	1980

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1978 - 1996
ANNUAL TOTAL	38527.71	8375.23	
ANNUAL MEAN	106	22.9	88.7
HIGHEST ANNUAL MEAN			190 1989
LOWEST ANNUAL MEAN			10.6 1981
HIGHEST DAILY MEAN	8320 Apr 23	811 Jul 26	10700 May 18 1989
LOWEST DAILY MEAN	.00 many days	.00 many days	.00 most years
ANNUAL SEVEN-DAY MINIMUM	.00 many days	.00 many days	.00 most years
INSTANTANEOUS PEAK FLOW		1170 Jul 25	21300 Sep 20 1958
INSTANTANEOUS PEAK STAGE		15.72 Jul 25	21.19 May 18 1989
INSTANTANEOUS LOW FLOW		.00 many days	No flow at times most years
ANNUAL RUNOFF (AC-FT)	76420	16610	64240
ANNUAL RUNOFF (CFMS)	1.32	.29	1.11
ANNUAL RUNOFF (INCHES)	17.87	3.88	15.02
10 PERCENT EXCEEDS	186	29	184
50 PERCENT EXCEEDS	4.8	4.9	6.4
90 PERCENT EXCEEDS	.00	.00	.00

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.97	6.01	5.99	7.42	7.07	6.80	7.42	8.02	7.17	---	7.42	8.97
2	5.97	6.05	5.97	11.13	7.02	6.81	7.48	7.49	7.20	---	7.36	8.18
3	7.90	6.04	5.97	9.68	6.98	6.80	7.47	7.26	7.23	---	7.29	7.84
4	10.45	6.00	5.96	8.11	7.01	6.85	7.45	7.12	7.28	---	7.22	7.59
5	7.58	6.03	5.96	7.60	6.99	6.86	7.45	7.04	7.26	---	7.15	7.42
6	6.93	6.05	5.95	7.83	6.95	6.87	7.51	7.15	7.26	---	7.09	7.33
7	6.67	6.10	5.94	8.52	6.96	6.87	7.54	7.27	7.25	---	7.04	7.23
8	6.50	6.13	5.97	8.08	7.00	6.86	7.64	7.25	7.23	---	6.99	7.18
9	6.37	6.13	6.03	7.60	7.02	6.93	7.54	7.29	7.23	---	7.01	7.13
10	6.31	6.13	6.00	7.36	7.00	6.98	7.49	7.31	7.22	---	8.25	7.12
11	6.34	6.13	5.99	7.22	6.92	7.01	7.49	7.52	7.21	---	7.54	7.06
12	6.23	6.13	5.98	7.11	6.86	7.05	7.55	7.73	7.21	---	7.47	7.03
13	6.21	6.12	5.98	7.05	6.82	7.09	9.29	7.57	7.24	---	7.43	7.00
14	6.19	6.11	5.98	6.98	6.77	7.14	10.22	7.48	7.23	---	7.30	6.98
15	6.18	6.11	5.99	6.91	6.74	7.21	11.30	7.40	7.22	---	7.17	6.96
16	6.16	6.10	6.38	6.88	6.73	7.20	9.33	7.38	7.21	---	7.06	6.94
17	6.16	6.08	6.93	6.85	6.76	7.25	7.98	7.38	7.20	8.24	6.98	6.92
18	6.18	6.07	10.89	6.90	6.76	7.26	7.61	7.35	---	8.36	6.92	6.91
19	6.17	6.06	14.02	6.99	6.75	7.26	7.43	7.31	---	9.45	6.87	6.88
20	6.17	6.07	11.41	7.22	6.76	7.26	7.35	7.30	---	8.42	6.84	7.47
21	6.12	6.08	8.21	7.20	6.85	7.29	7.26	7.27	---	7.66	6.79	11.07
22	6.07	6.07	7.53	7.08	6.80	7.34	7.73	7.26	---	7.42	6.70	11.59
23	6.06	6.06	7.22	7.08	6.77	7.35	10.38	7.26	---	7.64	6.70	8.45
24	6.04	6.05	7.05	9.18	6.68	7.37	8.53	7.22	---	12.06	6.70	7.67
25	6.02	6.04	6.92	10.82	6.66	7.44	7.65	7.18	---	13.76	6.68	7.73
26	6.01	6.04	6.84	8.48	6.80	7.52	7.38	7.15	---	15.39	6.68	7.87
27	6.01	6.04	6.78	7.83	6.80	7.52	7.31	7.17	---	11.95	6.65	8.65
28	5.99	6.03	6.72	7.50	6.80	7.55	7.26	7.18	---	8.67	9.43	13.32
29	5.98	6.02	6.67	7.30	6.79	7.49	9.20	7.19	---	8.01	15.36	13.26
30	5.98	6.01	6.66	7.20	---	7.47	9.54	7.19	---	7.69	15.22	9.35
31	5.98	---	6.71	7.12	---	7.47	---	7.19	---	7.49	11.73	---
MAX	10.45	6.13	14.02	11.13	7.07	7.55	11.30	8.02	---	---	15.36	13.32
MIN	5.97	6.00	5.94	6.85	6.66	6.80	7.26	7.04	---	---	6.65	6.88

SABINE RIVER MAIN STEM

08025350 TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TX

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, Hydrologic Unit 12010004, in powerhouse at right end of Toledo Bend Dam on Sabine River, 15 mi northeast of Burkeville, and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Sabine River Authority). Prior to July 20, 1967, nonrecording gage at same site and datum. July 20, 1967, to June 30, 1973, recording gage at right end of spillway 1.6 mi north of present site and at same datum.

REMARKS.--The reservoir is formed by a rolled earthfill dam. Closure of embankment completed and deliberate impoundment began Oct. 3, 1966. The reservoir is operated for hydro-electric power generation and water conservation. Releases during high inflow periods are controlled by eleven 40- x 28-foot tainter gates. An 8.33- x 12-foot gated conduit through the dam is used for low-flow releases. Two additional 20-inch-diameter conduits, that bypass the larger conduit, may also be used for low-flow releases. Water for turbines is admitted through four 16.75- x 29-foot penstocks and controlled by vertically operated caterpillar-type gates. The capacity table is based on U.S. Geological Survey topographic maps. For statement regarding regulation by upstream reservoirs, see station 08020000. Figures given herein represent total contents. Data regarding the dam and reservoir are given in the following table:

	Elevation (feet)	Capacity (acre-feet)
Top of dam.....	185.0	-
Design flood.....	175.3	5,102,000
Top of gates.....	173.0	4,660,000
Top of power drawdown storage.....	172.0	4,476,000
Top of power head storage.....	162.2	2,922,000
Crest of spillway (controlled).....	145.0	1,162,000
Lowest gated outlet (invert).....	100.0	4,090

COOPERATION.--Capacity table furnished by the Sabine River Authority.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 4,840,000 acre-ft May 18, 1989 (elevation, 173.95 ft); minimum since initial filling of reservoir in June 1968, 3,290,000 acre-ft Nov. 14, 15, 1987 and Oct. 20, 1994 (elevation, 164.78 ft).

EXTREMES FOR CURRENT YEAR.--Maximum contents, 3,535,000 acre-ft Jan. 6 at 1830 hours (elevation, 166.40 ft); minimum, 3,290,000 acre-ft Aug. 26 (elevation, 164.78 ft).

Capacity table (elevation, in feet, and total contents, in acre-feet)					
164.0	3,175,000	170.0	4,123,000	173.0	4,660,000
166.0	3,473,000	172.0	4,476,000	174.0	4,849,000
168.0	3,788,000				

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
OBSERVATION AT 24:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3464000	3413000	3358000	3475000	3495000	3435000	3399000	3465000	3440000	3397000	3352000	3370000
2	3504000	3441000	3358000	3498000	3492000	3435000	3390000	3455000	3440000	3399000	3357000	3372000
3	3489000	3434000	3360000	3456000	3482000	3426000	3384000	3446000	3429000	3397000	3348000	3372000
4	3487000	3413000	3367000	3459000	3441000	3423000	3397000	3456000	3425000	3393000	3343000	3372000
5	3484000	3407000	3357000	3501000	3444000	3435000	3419000	3462000	3414000	3384000	3339000	3355000
6	3476000	3404000	3367000	3532000	3444000	3476000	3396000	3462000	3414000	3384000	3348000	3352000
7	3471000	3413000	3349000	3498000	3447000	3475000	3390000	3452000	3438000	3372000	3343000	3349000
8	3465000	3397000	3394000	3456000	3449000	3426000	3402000	3458000	3431000	3370000	3348000	3342000
9	3462000	3385000	3367000	3470000	3456000	3419000	3402000	3453000	3414000	3372000	3354000	3349000
10	3462000	3394000	3349000	3468000	3459000	3414000	3393000	3444000	3413000	3378000	3340000	3351000
11	3461000	3399000	3330000	3476000	3468000	3414000	3382000	3475000	3404000	3366000	3349000	3340000
12	3459000	3378000	3327000	3470000	3458000	3394000	3401000	3470000	3391000	3357000	3349000	3336000
13	3458000	3414000	3327000	3462000	3449000	3408000	3402000	3470000	3399000	3357000	3349000	3343000
14	3470000	3396000	3333000	3468000	3455000	3416000	3441000	3435000	3399000	3358000	3345000	3330000
15	3449000	3396000	3343000	3468000	3464000	3410000	3426000	3443000	3399000	3354000	3340000	3321000
16	3443000	3396000	3354000	3459000	3449000	3410000	3419000	3449000	3397000	3351000	3336000	3339000
17	3443000	3394000	3382000	3444000	3447000	3411000	3420000	3435000	3396000	3352000	3333000	3330000
18	3440000	3387000	3443000	3527000	3431000	3420000	3416000	3443000	3394000	3352000	3333000	3327000
19	3432000	3385000	3459000	3453000	3450000	3425000	3410000	3437000	3390000	3346000	3324000	3322000
20	3426000	3394000	3450000	3475000	3443000	3414000	3425000	3435000	3431000	3340000	3319000	3331000
21	3404000	3385000	3458000	3470000	3440000	3396000	3410000	3452000	3425000	3337000	3319000	3349000
22	3402000	3369000	3462000	3468000	3435000	3390000	3461000	3441000	3426000	3334000	3319000	3349000
23	3426000	3397000	3464000	3519000	3458000	3381000	3464000	3425000	3414000	3348000	3319000	3331000
24	3411000	3382000	3456000	3476000	3443000	3397000	3443000	3431000	3413000	3366000	3315000	3367000
25	3401000	3370000	3471000	3467000	3440000	3411000	3447000	3425000	3420000	3363000	3316000	3349000
26	3388000	3357000	3461000	3524000	3434000	3408000	3468000	3413000	3419000	3363000	3316000	3360000
27	3407000	3413000	3468000	3473000	3476000	3411000	3438000	3425000	3416000	3363000	3321000	3423000
28	3397000	3381000	3464000	3478000	3465000	3410000	3452000	3425000	3413000	3364000	3325000	3401000
29	3385000	3372000	3458000	3485000	3444000	3397000	3501000	3444000	3410000	3336000	3352000	3414000
30	3397000	3361000	3458000	3516000	---	3407000	3468000	3438000	3410000	3364000	3361000	3419000
31	3387000	---	3459000	3487000	---	3422000	---	3425000	---	3360000	3366000	---
MAX	3504000	3441000	3471000	3532000	3495000	3476000	3501000	3475000	3440000	3399000	3366000	3423000
MIN	3385000	3357000	3327000	3444000	3431000	3381000	3382000	3413000	3390000	3334000	3315000	3321000
(+)	165.43	-43000	165.26	165.91	166.09	165.81	165.66	165.97	165.68	165.58	165.25	165.29
(@)	-74000	-26000	+98000	+28000	-43000	-22000	+46000	-43000	-15000	-50000	+6000	+53000
CAL YR 1995			MAX 4677000		MIN 3327000		(@) -678000					
WTR YR 1996			MAX 3532000		MIN 3315000		(@) -42000					

(+) Elevation, in feet, at end of month.

(@) Change in contents, in acre-feet.

SABINE RIVER MAIN STEM

08025360 SABINE RIVER AT TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TX

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, Hydrologic Unit 12010005, in powerhouse at right end of Toledo Bend Dam, 10 mi upstream from Sabine River near Burkeville gage, and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

PERIOD OF RECORD.--October 1971 to current year. Water-quality records.--Chemical and biochemical analyses:October 1967 to September 1986.

GAGE.--Water-stage recorders. Datum of gage is at National Geodetic Vertical Datum of 1929 (levels by Sabine River Authority).

REMARKS.--No estimated daily discharges. Records poor. Daily discharges are a combination of releases from various outlets at the dam. Discharges for releases through the turbines are computed using scroll case differential pressure relationships and operation logs. Tainter gate releases, low-flow sluiceway releases, bypass gate releases, and turbine leakages are based on discharge measurements and operation logs. Satellite telemeter at gage.

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

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	1060	843	204	2620	1310	900	204	204	718	204	204
2	174	1140	849	204	2730	204	204	204	204	204	1110	204
3	156	907	864	204	1750	204	962	739	829	717	204	204
4	170	204	565	204	2780	204	204	204	204	204	204	802
5	204	204	826	204	2650	204	887	204	763	1000	723	204
6	204	1220	788	204	204	696	204	727	204	204	204	1120
7	204	204	827	204	204	1620	204	204	963	204	798	204
8	204	204	859	2690	204	2770	801	866	204	721	204	204
9	204	204	814	204	204	1430	204	204	204	204	1080	824
10	204	204	859	204	204	204	204	1020	726	736	204	204
11	204	204	775	204	204	818	811	204	204	204	204	818
12	1190	204	895	204	204	204	890	204	707	1040	714	204
13	1200	204	937	204	204	736	204	922	204	204	204	1150
14	204	204	779	204	204	204	204	204	922	204	725	204
15	204	204	674	204	204	850	204	741	204	811	204	204
16	1320	204	827	204	204	204	204	204	204	204	898	886
17	1340	204	828	204	729	204	204	989	982	742	204	204
18	1150	204	204	204	841	770	204	204	748	204	204	789
19	1140	204	204	3970	628	204	747	204	1880	1120	703	204
20	1210	204	204	204	758	872	204	829	204	204	204	1150
21	204	204	204	204	655	204	204	204	899	204	662	204
22	204	204	204	204	688	707	703	862	204	730	204	204
23	1180	204	204	204	774	204	204	204	204	204	936	792
24	1280	204	204	204	204	204	204	755	727	813	204	204
25	1260	204	204	204	204	631	204	733	204	204	204	970
26	1340	204	204	204	494	204	204	204	706	1120	665	204
27	1020	675	204	204	204	808	204	204	204	204	204	1080
28	204	941	204	204	204	204	204	773	918	204	726	204
29	204	955	204	204	1340	840	204	741	204	720	204	204
30	1150	835	204	204	---	204	204	204	204	204	204	1080
31	1180	---	204	204	---	204	---	953	---	821	1170	---
TOTAL	20286	12221	16665	12576	22497	18326	11189	15118	15238	15277	14582	15133
MEAN	654	407	538	406	776	591	373	488	508	493	470	504
MAX	1340	1220	937	3970	2780	2770	962	1020	1880	1120	1170	1150
MIN	156	204	204	204	204	204	204	204	204	204	204	204
AC-FT	40240	24240	33060	24940	44620	36350	22190	29990	30220	30300	28920	30020

SABINE RIVER MAIN STEM

08025360 SABINE RIVER AT TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TX--Continued

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

MEAN	1219	2270	5587	9022	9610	9816	8095	8024	6252	4723	3573	3006
MAX	6809	13340	17720	27680	20510	21450	19270	22170	24960	18790	6732	7323
(WY)	1992	1995	1975	1974	1975	1992	1991	1991	1989	1989	1976	1991
MIN	59.0	50.7	74.5	90.0	339	231	247	311	508	493	470	424
(WY)	1976	1976	1976	1978	1981	1972	1978	1984	1996	1996	1996	1983

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1972 - 1996	
ANNUAL TOTAL	2949618		189108			
ANNUAL MEAN	8081		517			
HIGHEST ANNUAL MEAN					10370	1995
LOWEST ANNUAL MEAN					517	1996
HIGHEST DAILY MEAN	32900	Apr 26	3970	Jan 19	114000	May 19 1989
LOWEST DAILY MEAN	156	Oct 3	156	Oct 3	30	Oct 1 1972
ANNUAL SEVEN-DAY MINIMUM	184	Oct 1	184	Oct 1	34	Nov 21 1975
ANNUAL RUNOFF (AC-FT)	5851000		375100		4287000	
10 PERCENT EXCEEDS	15600		1080		14900	
50 PERCENT EXCEEDS	4810		204		3790	
90 PERCENT EXCEEDS	204		204		130	

SABINE RIVER BASIN

08025500 BAYOU TORO NEAR TORO, LA

LOCATION.--Lat 31°18'25", long 93°30'56, in SW 1/4 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 Hombeck.

DRAINAGE AREA.--148 mi².

PERIOD OF RECORD.--October 1955 to September 1986, October 1988 to current year.

GAGE.--Water-sage recorder. Datum of gage is 138.00 ft above sea level (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.--Estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base of 1,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr. 23	2200	*492	*7.32	No peaks above base.			

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.9	19	e8.0	e38	26	e18	17	33	e46	e9.5	27	59
2	8.2	45	e7.8	e35	27	e24	15	27	e30	e9.0	15	32
3	14	40	e7.6	32	31	e32	14	21	e20	e8.5	11	19
4	32	26	e7.3	28	32	e42	13	18	e16	e8.0	9.3	13
5	30	24	e7.0	24	26	e30	13	17	e12	e7.5	7.6	10
6	17	17	e7.5	103	24	e20	26	15	e10	e7.0	6.8	8.3
7	12	13	e8.5	144	24	e18	51	14	e9.0	e6.8	6.2	7.0
8	9.9	12	e9.0	76	26	e16	38	13	e8.0	e6.7	5.7	6.2
9	8.7	11	e24	50	e25	e15	25	12	e7.5	e6.5	15	5.4
10	8.2	9.6	e22	40	e24	e14	20	11	e7.3	e6.3	23	7.8
11	7.8	9.2	e15	35	e23	13	17	12	e12	e6.1	11	6.0
12	7.6	10	e12	31	e24	13	16	13	e19	e7.5	11	4.9
13	7.5	15	e10	27	e23	13	33	24	e21	e10	9.2	4.4
14	7.4	13	e9.5	23	e22	14	49	18	e16	e17	9.1	4.1
15	7.2	11	e9.0	21	e21	14	43	14	e28	e16	7.7	3.9
16	7.2	9.4	e8.5	21	e21	14	101	12	e50	e18	6.6	3.7
17	7.4	8.6	e120	21	e20	14	49	e11	e38	e15	5.7	3.5
18	7.3	8.3	e160	23	e20	14	31	e10	e32	e13	5.0	3.4
19	7.1	8.5	e130	25	e21	13	24	e9.0	e27	e12	4.7	3.4
20	6.9	8.6	e80	33	e21	12	20	e8.0	e21	e11	5.3	7.9
21	6.6	9.3	e55	26	e22	11	18	e7.5	e17	e10	4.4	57
22	6.3	9.9	e40	23	e21	11	25	e7.0	e15	e9.0	4.9	70
23	6.1	11	e34	24	e19	11	379	e6.5	e14	e8.0	4.2	29
24	6.0	10	e29	47	e18	11	283	e5.9	e13	e20	4.2	17
25	5.7	9.0	e27	86	e17	14	89	e5.8	e13	e15	4.7	18
26	5.6	8.7	e26	54	e19	20	51	e5.9	e14	e12	4.6	14
27	7.0	8.7	e32	39	e18	27	35	e5.6	e13	e10	4.2	18
28	7.6	8.9	e38	31	e17	27	27	e55	e12	e9.0	4.3	75
29	5.6	e8.4	e30	27	e16	24	26	e40	e11	22	12	79
30	6.0	e8.2	e34	25	---	20	28	e30	e10	16	291	36
31	6.6	---	e45	26	---	18	---	e27	---	45	102	---
TOTAL	290.4	410.3	1052.7	1238	648	557	1576	508.2	561.8	377.4	642.4	625.9
MEAN	9.37	13.7	34.0	39.9	22.3	18.0	52.5	16.4	18.7	12.2	20.7	20.9
MAX	32	45	160	144	32	42	379	55	50	45	291	79
MIN	5.6	8.2	7.0	21	16	11	13	5.6	7.3	6.1	4.2	3.4
AC-FT	576	814	2090	2460	1290	1100	3130	1010	1110	749	1270	1240
CFSM	.06	.09	.23	.27	.15	.12	.35	.11	.13	.08	.14	.14
IN.	.07	.10	.26	.31	.16	.14	.40	.13	.14	.09	.16	.16

e Estimated.

SABINE RIVER BASIN

08025500 BAYOU TORO NEAR TORO, LA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 1996, BY WATER YEAR (WY)

MEAN	52.3	72.8	178	290	313	263	254	203	119	60.5	29.2	53.1
MAX	695	589	1166	1134	1117	789	1354	1223	1202	886	198	928
(WY)	1985	1958	1983	1990	1975	1961	1968	1975	1989	1989	1958	1961
MIN	1.70	5.12	7.96	14.6	22.3	18.0	13.1	9.33	4.14	2.62	.92	.76
(WY)	1964	1982	1982	1981	1996	1996	1981	1963	1971	1956	1956	1956

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1956 - 1996
ANNUAL TOTAL	59895.0	8488.1	
ANNUAL MEAN	164	23.2	156
HIGHEST ANNUAL MEAN			409
LOWEST ANNUAL MEAN			23.2
HIGHEST DAILY MEAN	3410	Jan 19	21600
LOWEST DAILY MEAN	5.6	Sep 15	.10
ANNUAL SEVEN-DAY MINIMUM	5.7	Sep 11	.13
INSTANTANEOUS PEAK FLOW			31200
INSTANTANEOUS PEAK STAGE			25.73
INSTANTANEOUS LOW FLOW			.10
INSTANTANEOUS LOW STAGE			2.40
ANNUAL RUNOFF (AC-FT)	118800	16840	113400
ANNUAL RUNOFF (CFSM)	1.11	.16	1.06
ANNUAL RUNOFF (INCHES)	15.05	2.13	14.37
10 PERCENT EXCEEDS	287	40	292
50 PERCENT EXCEEDS	33	15	33
90 PERCENT EXCEEDS	7.6	6.3	5.8

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.19	3.67	---	---	3.85	---	3.51	3.82	---	---	3.75	4.34
2	3.20	4.26	---	---	3.86	---	3.47	3.69	---	---	3.42	3.91
3	3.43	4.18	---	3.98	3.95	---	3.42	3.56	---	---	3.27	3.59
4	3.90	3.91	---	3.89	3.97	---	3.37	3.47	---	---	3.19	3.41
5	3.87	3.86	---	3.80	3.85	---	3.37	3.42	---	---	3.12	3.29
6	3.54	3.65	---	4.85	3.80	---	3.73	3.36	---	---	3.07	3.20
7	3.36	3.53	---	5.27	3.80	---	4.21	3.32	---	---	3.04	3.14
8	3.28	3.48	---	4.62	3.83	---	3.98	3.28	---	---	3.01	3.09
9	3.22	3.47	---	4.29	3.83	---	3.72	3.25	---	---	3.25	3.05
10	3.20	3.39	---	4.12	---	---	3.58	3.22	---	---	3.61	3.18
11	3.18	3.38	---	4.03	---	3.44	3.50	3.24	---	---	3.28	3.08
12	3.17	3.42	---	3.96	---	3.44	3.46	3.29	---	---	3.27	3.01
13	3.16	3.60	---	3.86	---	3.44	3.89	3.62	---	---	3.21	2.97
14	3.16	3.54	---	3.77	---	3.46	4.18	3.46	---	---	3.21	2.95
15	3.15	3.46	---	3.73	---	3.47	4.07	3.33	---	---	3.15	2.94
16	3.15	3.39	---	3.72	---	3.47	4.82	3.25	---	---	3.09	2.92
17	3.16	3.35	---	3.73	---	3.47	4.18	---	---	---	3.03	2.91
18	3.15	3.33	---	3.77	---	3.46	3.85	---	---	---	2.99	2.89
19	3.14	3.35	---	3.82	---	3.43	3.70	---	---	---	2.97	2.90
20	3.13	3.35	---	3.99	---	3.38	3.60	---	---	---	3.02	3.15
21	3.12	3.38	---	3.85	---	3.34	3.53	---	---	---	2.95	4.24
22	3.10	3.41	---	3.77	---	3.34	3.65	---	---	---	2.99	4.50
23	3.09	3.46	---	3.78	---	3.34	6.71	---	---	---	2.95	3.84
24	3.08	3.41	---	4.22	---	3.33	6.12	---	---	---	2.95	3.54
25	3.07	3.37	---	4.73	---	3.43	4.64	---	---	---	2.98	3.58
26	3.08	3.35	---	4.34	---	3.63	4.14	---	---	---	2.98	3.45
27	3.17	3.35	---	4.10	---	3.80	3.87	---	---	---	2.95	3.55
28	3.22	3.36	---	3.96	---	3.81	3.70	---	---	---	2.96	4.53
29	3.12	3.36	---	3.87	---	3.72	3.67	---	---	3.63	3.28	4.61
30	3.16	---	---	3.82	---	3.62	3.72	---	---	3.43	6.20	3.99
31	3.21	---	---	3.84	---	3.56	---	---	---	4.01	4.85	---
MAX	3.90	---	---	---	---	---	6.71	---	---	---	6.20	4.61
MIN	3.07	---	---	---	---	---	3.37	---	---	---	2.95	2.89

SABINE RIVER MAIN STEM

08026000 SABINE RIVER NEAR BURKEVILLE, TX

LOCATION.--Lat 31°03'50", long 93°31'10", Newton County, Texas-Vernon Parish, Louisiana State line, Hydrologic Unit 12010005, near left edge of low-water channel at downstream side of bridge on State Highway 63, about 200 ft down-stream from Pearl Creek, 10 mi northeast of Burkeville, 16 mi downstream from Bayou Toro, and at mile 139.7.

DRAINAGE AREA.--7,482 mi².

PERIOD OF RECORD.--September 1955 to current year. Published as "below Toledo Bend near Burkeville" for period 1955-75. Water-quality records.--Chemical and biochemical analyses: May 1968 to September 1986. Pesticide analyses: October 1972 to September 1981.

REVISED RECORDS.--WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 60.59 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 23, 1958, nonrecording gage at current site. Prior to Jan. 1, 1989, at datum 10.00 ft higher.

REMARKS.-- No estimated daily discharges. Records good. Flow regulated by Toledo Bend Reservoir (station 08025350) 16.8 mi upstream, capacity, 4,660,000 acre-ft. National Weather Service rain gage and gage-height telemeters at gage.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--11 years (water years 1956-66) prior to completion of Toledo Bend Reservoir, 4,653 ft³/s (3,371,000 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1956-66).--Maximum discharge, 52,900 ft³/s May 15, 1957 (gage height, 32.43 ft); minimum, 60 ft³/s Sept. 26-30, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1860: Flood in May 1884 reached a stage of 45.9 ft, current datum, from information by local resident. Flood of Apr. 15, 1945, reached a stage of 45.8 ft, current datum. Flood of May 23, 1953, reached a stage of 45.3 ft, current datum, from floodmarks.

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

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2850	1330	797	394	2740	1710	522	294	671	626	625	632
2	375	1130	467	374	3230	591	982	289	347	651	752	378
3	435	884	885	365	1090	439	565	488	544	621	702	336
4	320	890	837	351	2480	426	1020	602	548	633	308	586
5	350	349	728	363	5400	445	555	283	524	887	549	604
6	350	393	811	966	940	936	1040	420	501	860	593	767
7	325	1500	796	749	523	931	445	585	715	390	552	705
8	308	593	901	2830	498	3190	459	480	633	654	594	302
9	299	602	1070	698	483	2800	1060	605	254	696	770	561
10	294	645	893	448	472	659	420	539	476	601	725	586
11	292	721	861	399	458	955	887	728	509	602	365	538
12	733	615	891	371	438	500	586	311	491	778	615	570
13	1230	604	963	358	439	920	1680	545	516	736	654	748
14	735	612	877	353	437	515	674	731	682	342	588	677
15	284	620	820	339	437	1050	509	498	657	614	604	279
16	882	633	734	346	e430	534	455	608	274	655	733	645
17	1370	472	1080	347	e500	427	444	667	664	621	693	512
18	1240	262	2570	350	e815	934	397	736	967	644	300	541
19	1200	261	2310	2270	e1090	499	616	289	1650	823	541	590
20	1240	251	965	2510	e985	1010	643	530	2330	744	582	850
21	765	246	541	442	e1040	493	349	558	2250	318	561	792
22	308	238	414	383	e1030	906	764	536	1190	557	628	336
23	766	238	370	377	e1070	481	1400	598	524	592	775	606
24	973	238	352	409	e1040	397	924	530	714	565	723	636
25	1230	239	347	414	e725	489	644	980	707	605	310	795
26	1250	243	340	509	e680	750	453	e810	678	798	562	707
27	1350	280	329	581	e745	604	391	e550	663	936	605	1050
28	845	1120	334	410	e550	922	363	e620	840	445	584	938
29	299	942	341	381	e825	533	368	841	725	619	661	426
30	411	869	333	369	---	966	337	859	362	615	443	853
31	1220	---	396	351	---	434	---	791	---	592	1440	---
TOTAL	24529	18020	24353	19807	31590	26446	19952	17901	22606	19820	19137	18546
MEAN	791	601	786	639	1089	853	665	577	754	639	617	618
MAX	2850	1500	2570	2830	5400	3190	1680	980	2330	936	1440	1050
MIN	284	238	329	339	430	397	337	283	254	318	300	279
AC-FT	48650	35740	48300	39290	62660	52460	39570	35510	44840	39310	37960	36790

SABINE RIVER MAIN STEM

08026000 SABINE RIVER NEAR BURKEVILLE, TX--Continued

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

MEAN	1259	2142	5507	8451	8964	9861	8518	8166	6185	4568	3294	2884
MAX	6846	12880	17940	28510	21470	22180	26530	23660	25310	23750	6662	7099
(WY)	1992	1995	1975	1974	1975	1969	1969	1991	1989	1989	1976	1991
MIN	82.5	86.2	247	484	266	485	231	471	400	292	91.7	77.6
(WY)	1968	1968	1968	1968	1968	1968	1971	1967	1970	1967	1967	1967

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1967 - 1996#	
ANNUAL TOTAL	3264460		262707		5803	
ANNUAL MEAN	8944		718		11190	
HIGHEST ANNUAL MEAN					548	
LOWEST ANNUAL MEAN					11100	
HIGHEST DAILY MEAN	32800	Apr 28	5400	Feb 5	11100	May 20 1989
LOWEST DAILY MEAN	238	Nov 22	238	Nov 22	38	Sep 14 1967
ANNUAL SEVEN-DAY MINIMUM	242	Nov 20	242	Nov 20	41	Sep 9 1967
INSTANTANEOUS PEAK FLOW			7950	Feb 5	116000	May 20 1989
INSTANTANEOUS PEAK STAGE			21.57	Feb 5	47.45	May 20 1989
ANNUAL RUNOFF (AC-FT)	6475000		521100		4204000	
10 PERCENT EXCEEDS	17900		1070		15300	
50 PERCENT EXCEEDS	5310		604		2950	
90 PERCENT EXCEEDS	435		336		262	

e Estimated

Period of regulated streamflow.

SABINE RIVER BASIN

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 mi².

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 sea level. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges. Records good. Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Vernon Lake (usable capacity, 58,000 acre-ft) since May 1963. Occasional regulation July to September in most years caused temporary lowering of the reservoirs upstream. Several measurements of water temperature were made during the year.

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

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	222	58	41	595	212	59	224	306	152	52	19	142
2	222	220	42	518	285	56	167	236	128	40	18	116
3	554	732	41	448	334	54	130	192	286	32	16	95
4	573	598	40	412	229	52	110	158	170	27	18	79
5	309	259	40	403	164	51	108	132	118	23	16	68
6	248	189	44	1230	150	55	161	115	92	21	16	56
7	112	171	47	1430	146	94	189	103	74	20	27	47
8	47	148	50	952	137	167	142	91	61	18	25	38
9	37	132	182	653	126	106	114	79	50	17	39	48
10	32	157	188	603	117	75	104	71	40	16	61	44
11	28	1080	103	571	108	65	87	74	34	15	63	38
12	26	718	71	543	96	60	83	106	31	15	88	30
13	26	289	59	517	87	58	1480	95	29	13	114	25
14	29	203	54	498	82	57	1850	79	27	15	80	21
15	27	256	51	481	80	56	1350	66	127	18	64	21
16	23	260	48	456	76	56	666	55	155	24	50	23
17	21	250	222	182	71	56	471	49	123	60	39	20
18	20	244	1770	121	70	124	361	42	97	52	30	19
19	19	239	2410	127	71	212	295	39	144	63	25	18
20	21	234	1660	110	71	208	243	34	224	42	21	122
21	21	231	873	101	68	155	206	31	521	26	20	268
22	20	225	557	94	66	125	180	29	360	19	42	145
23	18	108	498	93	65	106	886	27	255	16	47	120
24	17	57	467	148	62	92	1760	26	194	108	44	102
25	15	50	447	163	60	92	1760	25	154	98	33	115
26	15	47	430	435	61	125	1330	25	128	119	25	107
27	16	45	418	1910	60	336	868	24	114	85	21	482
28	15	43	508	1200	59	294	585	21	96	53	24	695
29	15	42	508	656	61	224	451	53	107	36	50	371
30	25	42	410	275	---	228	413	390	69	27	105	233
31	24	---	493	221	---	266	---	273	---	22	149	---
TOTAL	2797	7327	12772	16146	3274	3764	16774	3046	4160	1192	1389	3708
MEAN	90.2	244	412	521	113	121	559	98.3	139	38.5	44.8	124
MAX	573	1080	2410	1910	334	336	1850	390	521	119	149	695
MIN	15	42	40	93	59	51	83	21	27	13	16	18
AC-FT	5550	14530	25330	32030	6490	7470	33270	6040	8250	2360	2760	7350
CFSM	.25	.67	1.13	1.43	.31	.33	1.53	.27	.38	.11	.12	.34
IN.	.29	.75	1.30	1.65	.33	.38	1.71	.31	.42	.12	.14	.38

SABINE RIVER BASIN

08028000 BAYOU ANACOCO NEAR ROSE PINE, LA--Continued

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

MEAN	141	301	644	768	891	724	736	652	293	242	163	161
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	35.8	113	121	42.9	36.6	15.7	26.2	12.1	9.18
(WY)	1964	1968	1955	1981	1996	1996	1981	1978	1971	1954	1956	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR			FOR 1996 WATER YEAR			WATER YEARS 1952 - 1996		
ANNUAL TOTAL	244493.1			76349			475		
ANNUAL MEAN	670			209			1265		
HIGHEST ANNUAL MEAN							1983		
LOWEST ANNUAL MEAN							102		
HIGHEST DAILY MEAN	9930	Jan	20	2410	Dec	19	49900	Apr	30
LOWEST DAILY MEAN	6.5	Sep	5	13	Jul	13	5.6	Sep	27
ANNUAL SEVEN-DAY MINIMUM	7.4	Sep	4	16	Jul	8	5.8	Sep	24
INSTANTANEOUS PEAK FLOW				2480	Dec	19	64300	May	19
INSTANTANEOUS PEAK STAGE				15.02	Dec	19	28.38	May	19
INSTANTANEOUS LOW FLOW				13	Jul	13,14	4.0	Sep	28,29,30
INSTANTANEOUS LOW STAGE				2.99	Jul	13,14			
ANNUAL RUNOFF (AC-FT)	485000			151400			343800		
ANNUAL RUNOFF (CFMS)	1.84			.57			1.30		
ANNUAL RUNOFF (INCHES)	24.92			7.78			17.66		
10 PERCENT EXCEEDS	1750			511			1080		
50 PERCENT EXCEEDS	260			93			146		
90 PERCENT EXCEEDS	24			21			20		

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.76	3.53	3.31	6.79	4.60	3.43	4.67	5.19	4.17	3.39	3.06	4.10
2	4.75	4.74	3.31	6.40	5.06	3.41	4.28	4.75	3.99	3.29	3.05	3.91
3	6.64	7.54	3.30	6.03	5.36	3.39	4.00	4.46	5.06	3.21	3.03	3.74
4	6.77	6.90	3.30	5.83	4.70	3.38	3.85	4.21	4.30	3.16	3.05	3.62
5	5.33	5.00	3.30	5.77	4.26	3.37	3.84	4.02	3.92	3.11	3.04	3.52
6	4.93	4.52	3.33	9.77	4.16	3.40	4.23	3.89	3.71	3.09	3.03	3.43
7	3.96	4.39	3.36	10.70	4.12	3.72	4.44	3.79	3.56	3.07	3.16	3.34
8	3.46	4.23	3.38	8.52	4.06	4.28	4.09	3.70	3.45	3.05	3.14	3.27
9	3.36	4.12	4.37	7.08	3.98	3.82	3.88	3.61	3.36	3.04	3.28	3.36
10	3.31	4.29	4.43	6.83	3.90	3.57	3.80	3.54	3.27	3.03	3.47	3.32
11	3.28	9.15	3.81	6.67	3.84	3.48	3.67	3.57	3.21	3.02	3.48	3.27
12	3.25	7.39	3.55	6.53	3.74	3.44	3.63	3.82	3.18	3.01	3.69	3.20
13	3.25	5.08	3.47	6.40	3.67	3.43	10.75	3.74	3.16	3.00	3.89	3.13
14	3.29	4.53	3.42	6.29	3.63	3.42	12.50	3.60	3.14	3.01	3.63	3.08
15	3.26	4.87	3.39	6.21	3.62	3.41	10.32	3.49	3.94	3.05	3.49	3.08
16	3.22	4.90	3.37	6.07	3.58	3.41	7.15	3.40	4.19	3.12	3.38	3.11
17	3.19	4.84	4.50	4.37	3.54	3.41	6.15	3.35	3.95	3.46	3.28	3.07
18	3.17	4.80	12.10	3.94	3.53	3.95	5.53	3.29	3.74	3.39	3.19	3.06
19	3.16	4.77	14.75	3.98	3.54	4.55	5.11	3.25	4.11	3.48	3.13	3.05
20	3.19	4.74	11.70	3.85	3.53	4.57	4.79	3.22	4.64	3.30	3.08	3.86
21	3.18	4.72	8.14	3.77	3.51	4.20	4.56	3.18	6.42	3.15	3.07	4.95
22	3.17	4.68	6.60	3.73	3.50	3.97	4.38	3.16	5.52	3.06	3.30	4.13
23	3.15	3.84	6.30	3.72	3.48	3.82	8.11	3.14	4.87	3.04	3.35	3.94
24	3.13	3.45	6.13	4.14	3.46	3.71	12.12	3.13	4.48	3.81	3.32	3.79
25	3.11	3.39	6.02	4.25	3.44	3.71	12.14	3.12	4.19	3.76	3.22	3.90
26	3.11	3.36	5.93	5.66	3.45	3.97	10.27	3.11	4.00	3.93	3.14	3.84
27	3.12	3.34	5.86	12.73	3.45	5.37	8.13	3.10	3.89	3.66	3.08	6.03
28	3.11	3.32	6.35	9.68	3.44	5.11	6.74	3.07	3.75	3.40	3.12	7.29
29	3.11	3.32	6.35	7.04	3.45	4.68	6.05	3.33	3.84	3.25	3.37	5.58
30	3.23	3.31	5.82	4.99	---	4.70	5.83	5.68	3.53	3.16	3.82	4.73
31	3.23	---	6.27	4.66	---	4.93	---	4.98	---	3.10	4.15	---
MAX	6.77	9.15	14.75	12.73	5.36	5.37	12.50	5.68	6.42	3.93	4.15	7.29
MIN	3.11	3.31	3.30	3.72	3.44	3.37	3.63	3.07	3.14	3.00	3.03	3.05

SABINE RIVER BASIN

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 mi².

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 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (μS/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, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
DEC 1995										
12...	1540	730	7.12	12.0	60	17	8.8	--	1000	1400
MAY 1996										
29...	1645	422	7.00	27.5	60	0.0	7.0	2.2	550	K770
JUL										
23...	0845	349	7.11	28.0	100	7.0	6.2	1.9	K20	120
SEP										
25...	1745	650	7.44	26.0	50	17	8.3	5.5	120	<2

DATE	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)	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CaCO3 (00410)	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)
DEC 1995										
12...	58	20	2.0	110	6.0	68	140	77	0.1	19
MAY 1996										
29...	29	9.0	1.6	68	3.8	43	80	43	<0.1	17
JUL										
23...	25	8.2	1.2	62	3.3	52	56	32	0.1	16
SEP										
25...	33	11	1.3	110	5.7	63	150	61	0.2	15

< Actual value is known to be less than the value shown.

K Results based on colony count outside the acceptable range (non-ideal colony count).

SABINE RIVER BASIN

08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	
		DEC 1995 12...	482	415	0.02	0.14	0.45	1.5	1.6	0.13	0.08
		MAY 1996 29...	278	248	0.03	0.27	0.08	0.69	0.96	0.05	0.05
		JUL 23...	222	210	0.03	0.47	0.06	0.54	1.0	0.11	0.09
		SEP 25...	438	394	0.08	0.51	0.39	1.1	1.6	0.11	0.13
DATE	ARSENIC TOTAL (µG/L AS AS) (01002)	ARSENIC DIS- SOLVED (µG/L AS AS) (01000)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (µG/G AS AS) (01003)	BERYL- LIUM, TOTAL RECOV- ERABLE (µG/L AS BE) (01012)	BERYL- LIUM, DIS- SOLVED (µG/L AS BE) (01010)	CADMIUM TOTAL RECOV- ERABLE (µG/L AS CD) (01027)	CADMIUM DIS- SOLVED (µG/L AS CD) (01025)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (µG/G AS CD) (01028)	CHRO- MIUM, TOTAL RECOV- ERABLE (µG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (µG/G) (01029)	CHRO- MIUM, HEXA- VALENT, DIS. (µG/L AS CR) (01032)
DEC 1995 12...	<1	<1	--	1.2	<10	<1	<1	--	1	--	<1
MAY 1996 29...	--	--	<1	--	--	--	--	<10	--	20	--
DATE	COPPER, TOTAL RECOV- ERABLE (µG/L AS CU) (01042)	COPPER, DIS- SOLVED (µG/L AS CU) (01040)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (µG/G AS CU) (01043)	IRON, DIS- SOLVED (µG/L AS FE) (01046)	IRON, RECOV. FM BOT- TOM MA- TERIAL (µG/G AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (µG/L AS PB) (01051)	LEAD, DIS- SOLVED (µG/L AS PB) (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (µG/G AS PB) (01052)	MANGA- NESE, DIS- SOLVED (µG/l AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (µG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (µG/L AS HG) (71900)
DEC 1995 12...	2	<1	--	250	--	2	1	--	--	--	0.1
MAY 1996 29...	--	--	<10	--	100	--	--	<10	--	<10	--
JUL 23...	--	--	--	270	--	--	--	--	210	--	--
SEP 25...	--	--	--	170	--	--	--	--	250	--	--
DATE	MERCURY DIS- SOLVED (µG/L AS HG) (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (µG/G AS HG) (71921)	NICKEL, TOTAL RECOV- ERABLE (µG/L AS NI) (01067)	NICKEL, DIS- SOLVED (µG/L AS NI) (01065)	SELE- NIUM, TOTAL (µG/L AS SE) (01147)	SELE- NIUM, DIS- SOLVED (µG/L AS SE) (01145)	VANA- DIUM, DIS- SOLVED (µG/L AS V) (01085)	ZINC, TOTAL RECOV- ERABLE (µG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (µG/G AS ZN) (01093)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	
DEC 1995 12...	0.1	--	4	3	<1	<1	<1	10	--	30	
MAY 1996 29...	--	<0.1	--	--	--	--	--	--	<10	--	

< Actual value is known to be less than the value shown.

SABINE RIVER BASIN
08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued
WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	CHLOR-PYRIFOS TOTAL RECOVER (μG/L) 38932	PHORATE TOTAL (μG/L) 39023	DEF TOTAL (μG/L) 39040	PCB, TOTAL (μG/L) 39516	PCB, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39519	NAPH- THA- LENES, POLY- CHLOR. TOTAL (μG/L) 39250	PCN, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39251	ALDRIN, TOTAL (μG/L) 39330	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39333	CHLOR- DANE, TOTAL (μG/L) 39350	
DEC 1995 12...	0.01	<0.01	<0.01	<0.1	--	<0.1	--	<0.01	--	<0.1	
MAY 1996 29...	--	--	--	--	<1	--	<1	--	<0.1	--	
DATE	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39351	DDD, TOTAL (μG/L) 39360	DDD, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39363	DDE, TOTAL (μG/L) 39365	DDE, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39368	DDT, TOTAL (μG/L) 39370	DDT, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39373	DI- AZINON, TOTAL (μG/L) 39570	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39571	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39380	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39383
DEC 1995 12...	--	<0.01	--	<0.01	--	<0.01	--	0.01	--	<0.01	--
MAY 1996 29...	<1	--	<0.1	--	<0.1	--	<0.1	--	<0.2	--	<0.1
DATE	ENDO- SULFAN, TOTAL (μG/L) 39388	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39389	ENDRI- N WATER UNFLTRD REC (μG/L) 39390	ENDRI- N TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39393	ETHION, TOTAL (μG/L) 39398	ETHION, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39399	HEPTA- CHLOR, TOTAL (μG/L) 39410	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39413	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (μG/L) 39420	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (μG/KG) 39423	LINDANE TOTAL (μG/L) 39340
DEC 1995 12...	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01
MAY 1996 29...	--	<0.1	--	<0.1	--	<0.2	--	<0.1	--	<0.1	--
DATE	LINDANE TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39343	MALA- THION, TOTAL (μG/L) 39530	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39531	METH- OXY- CHLOR, TOTAL (μG/L) 39480	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (μG/KG) 39481	METHYL PARA- THION, TOTAL (μG/L) 39600	METHYL PARA- THION, TOT. IN BOTTOM MATL. (μG/KG) 39601	MIREX, TOTAL (μG/L) 39755	MIREX, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39758	PARA- THION, TOTAL (μG/L) 39540	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39541
DEC 1995 12...	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--
MAY 1996 29...	<0.1	--	<0.2	--	<0.8	--	<0.2	--	<0.1	--	<0.2
DATE	PER- THANE TOTAL (μG/L) 39034	PER- THANE IN BOT- TOM MA- TERIAL (μG/KG) 81886	TOX- APHENE, TOTAL (μG/L) 39400	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39403	TOTAL TRI- THION (μG/L) 39786	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (μG/KG) 39787	2,4-D, TOTAL (μG/L) 39730	2, 4-DP TOTAL (μG/L) 82183	2,4,5-T TOTAL (μG/L) 39740	SILVEX, TOTAL (μG/L) 39760	
DEC 1995 12...	<0.1	--	<0.1	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	
MAY 1996 29...	--	<1	--	<10	--	<0.2	--	--	--	--	

< Actual value is known to be less than the value shown.

SABINE RIVER MAIN STEM
08028500 SABINE RIVER NEAR BON WIER, TX

LOCATION.--Lat 30°44'49", long 93°36'30", Beauregard Parish, Louisiana-Newton County, Texas State line, Hydrologic Unit 12010005, near left bank at downstream side of bridge on U.S. Highway 190, 0.7 mi upstream from Quicksand Creek, 0.8 mi upstream from Gulf, Colorado, and Santa Fe Railway Co. bridge, 2.0 mi east of Bon Wier, 2.4 mi upstream from Caney Creek, and at mile 97.7.

DRAINAGE AREA.--8,229 mi².

PERIOD OF RECORD.--October 1923 to current year. Monthly discharge only for some periods, published in WSP 1312. Gage height records collected in this vicinity since 1913 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 1342: 1953; WSP 1442: 1924, 1926-27(M), 1929(M), 1939. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 33.42 ft above sea level. Prior to July 8, 1931, nonrecording gage at site 0.8 mi downstream at datum 13.00 ft higher. July 8, 1931, to Oct. 15, 1958, non-recording gage at present site at datum 13.00 ft higher. Oct. 16, 1958, to Sept. 30, 1975, water-stage recorder at present site at datum 13.00 ft higher. Oct. 1, 1975, to Dec. 31, 1988, at present site at datum 10.00 ft higher.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Since October 1966, flow regulated by Toledo Bend Reservoir (station 08025350) 58.8 mi upstream. Gage-height telemeter at station.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--43 years (water years 1924-66) prior to completion of Toledo Bend Reservoir, 6,846 ft³/s (4,960,000 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1924-66).--Maximum discharge, 115,000 ft³/s May 19, 1953 (gage height, 38.70 ft, current datum); minimum, 160 ft³/s Sept. 29, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1833, 43.5 ft Apr. 23 or 24, 1913, from information by Gulf, Colorado, and Santa Fe Railway Co. and local residents. Flood in May 1884 reached a stage of 39 ft. Floods occurring about 1844 and 1860 were higher than flood in May 1884, from information by local residents. All flood data referenced to current datum.

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

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5730	1700	1430	1660	1300	1570	1160	1210	1450	763	869	1760
2	2980	2150	1340	1670	3110	1880	1110	1040	1340	788	998	1360
3	1840	2310	1120	1530	3820	1130	1370	940	948	936	910	937
4	2430	2560	1400	1400	2480	840	1080	1010	1070	764	1060	801
5	1850	2060	1380	1340	3420	801	1330	1170	1140	905	694	838
6	1440	1300	1340	2290	4620	814	1080	839	965	859	752	1150
7	1310	1340	1400	4510	1890	1190	1420	859	1030	1040	961	1050
8	1140	1690	1400	3480	1240	1590	1070	1060	942	627	847	1230
9	1010	1100	1590	4030	1140	3160	1050	872	1060	687	1010	838
10	950	1010	1870	2330	1080	2760	1360	1060	666	894	936	904
11	925	1350	1720	1750	1030	1320	935	926	717	730	1160	1090
12	898	2210	1590	1610	979	1270	1150	1200	914	892	905	893
13	1190	1670	1530	1510	933	1040	2350	845	747	816	1060	1060
14	1680	1200	1540	1440	904	1190	4720	902	914	1010	1240	982
15	1370	1060	1460	1390	891	1010	3310	1130	1080	644	962	1170
16	909	1040	1390	1350	873	1240	2360	855	1200	707	1030	797
17	1240	1040	1400	1300	843	1010	1630	1010	816	908	914	895
18	1750	1030	3590	1090	1120	1000	1400	910	962	823	1080	1040
19	1680	1030	9830	1020	1400	1480	1240	1110	1340	1000	697	871
20	1630	1010	7260	2870	1160	1230	1260	695	2450	965	737	1240
21	1610	995	4170	2490	1310	1400	1320	759	4140	1090	927	1920
22	1320	975	2520	1200	1340	1180	980	919	3280	671	812	1920
23	864	956	1880	1020	1330	1250	1740	803	2030	706	1080	1160
24	1090	880	1650	1060	1340	1100	3070	957	1270	1030	992	1160
25	1470	789	1520	1230	1280	896	3120	745	1210	1160	1130	1540
26	1620	762	1420	1300	867	906	2800	1150	1250	1480	729	1380
27	1670	749	1360	3390	839	1260	2150	817	1100	1250	774	2530
28	1650	779	1330	3890	1050	1430	1610	597	1160	1410	1090	5950
29	1310	1460	1350	2550	854	1530	1330	715	1100	913	1180	3550
30	844	1450	1380	1800	---	1280	1290	2090	1200	874	1570	1720
31	936	---	1420	1410	---	1530	---	2150	---	986	1340	---
TOTAL	48336	39655	65580	60910	44443	41287	51795	31345	39491	28328	30446	43736
MEAN	1559	1322	2115	1965	1533	1332	1726	1011	1316	914	982	1458
MAX	5730	2560	9830	4510	4620	3160	4720	2150	4140	1480	1570	5950
MIN	844	749	1120	1020	839	801	935	597	666	627	694	797
AC-FT	95870	78660	130100	120800	88150	81890	102700	62170	78330	56190	60390	86750

SABINE RIVER MAIN STEM

08028500 SABINE RIVER NEAR BON WIER, TX--Continued

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

MEAN	1824	2864	6815	10120	10750	11490	10110	9372	7179	5424	3804	3394
MAX	7315	13250	21420	30930	23200	24470	27370	28150	26340	31490	7288	8247
(WY)	1992	1995	1983	1974	1975	1992	1969	1991	1989	1989	1976	1991
MIN	188	217	822	1000	746	1288	634	1011	663	621	211	206
(WY)	1968	1968	1981	1981	1968	1981	1971	1996	1970	1967	1967	1967

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1967 - 1996#

ANNUAL TOTAL	3772281			525352								
ANNUAL MEAN	10340			1435						6912		
HIGHEST ANNUAL MEAN										12670		1975
LOWEST ANNUAL MEAN										1172		1967
HIGHEST DAILY MEAN	49100	Jan 28		9830	Dec 19					98000	Jul 4	1989
LOWEST DAILY MEAN	749	Nov 27		597	May 28					134	Nov 9	1966
ANNUAL SEVEN-DAY MINIMUM	841	Nov 22		808	Jul 8					142	Nov 3	1966
INSTANTANEOUS PEAK FLOW				10400	Dec 19					98200	Jul 4	1989
INSTANTANEOUS PEAK STAGE				22.76	Dec 19					37.90	Jul 4	1989
ANNUAL RUNOFF (AC-FT)	7482000			1042000						5007000		
10 PERCENT EXCEEDS	22800			2350						17000		
50 PERCENT EXCEEDS	5830			1170						3940		
90 PERCENT EXCEEDS	1330			817						760		

Period of regulated streamflow.

MAIN STEM

08030500 SABINE RIVER NEAR RULIFF, TX
(Hydrologic benchmark station)

LOCATION.--Lat 30°18'13", long 93°44'37", Calcasieu Parish, Louisiana-Newton County, Texas State line, Hydrologic Unit 12010005, at downstream side of bridge on State Highway 12, 2.4 mi north of Ruliff, 4.2 mi upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi downstream from Cypress Creek, and at mile 40.2.

DRAINAGE AREA.--9,329 mi².

PERIOD OF RECORD.--October 1924 to current year.

REVISED RECORDS.--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5.92 ft below National Geodetic Vertical Datum of 1929. Prior to Mar. 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi downstream and at datum 7.98 ft higher than current datum. Mar. 1, 1941, to Dec. 8, 1948, nonrecording gage at present site and at datum 10.00 ft higher than current datum. Dec. 9, 1948, to Dec. 31, 1989, recording gage at present site and at datum 10.00 ft higher than current datum.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Flow is partly regulated by Toledo Bend Reservoir (station 08025350) 116.3 mi upstream. Gage-height telemeter at station.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--42 years (water years 1925-66) prior to completion of Toledo Bend Reservoir, 8,422 ft³/s (6,102,000 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1925-66).--Maximum discharge, 121,000 ft³/s May 22, 1953, (gage-height, 29.98 ft, current datum); minimum, 270 ft³/s Sept. 27-30, Oct. 1-3, 17-20, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1835, 32.2 ft in May or June 1884 (adjusted to present site and datum on basis of slope of flood of June 8, 9, 1950); flood of Apr. 26-29, 1913, reached a stage of 29.5 ft, present site and datum, from information by local resident.

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

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5360	1270	1560	2560	4290	1460	1720	2080	2570	1800	1360	1310
2	5470	3200	1620	2980	3300	1570	1630	1990	2410	1550	1260	3050
3	6080	5640	1600	3100	3540	2080	1440	1840	2100	1260	1270	2890
4	6680	6710	1520	2830	4540	2010	1550	1850	1690	1300	1200	2070
5	7180	6750	1490	2500	4400	1560	1490	1440	1450	1230	1290	1550
6	6700	6090	1590	2430	4180	1360	1520	1520	1570	1240	1180	1310
7	4780	4680	1580	3420	5020	1300	1450	1420	1430	1180	973	1350
8	3110	3370	1580	5470	4420	1380	1530	1240	1420	1310	1100	1310
9	2300	2960	1630	6570	3010	1720	1530	1340	1300	1220	1120	1420
10	1830	2440	1730	6640	2290	2640	1360	1310	1400	1010	1190	1330
11	1940	2020	5910	2030	3210	1440	1380	1250	1250	1110	1180	1130
12	1430	1840	2160	4340	1870	2620	1410	1350	1030	1100	1330	1230
13	1350	2360	2060	3270	1760	1830	1300	1480	1150	1140	1420	1180
14	1370	2550	1920	2770	1670	1670	1870	1460	1140	1100	1540	1160
15	1710	2090	1850	2480	1580	1520	3830	1380	e1200	1240	1810	1130
16	1860	1710	1820	2280	1520	1570	4720	1440	e1300	1170	1580	1250
17	1510	1540	1930	2160	1470	1490	4000	1370	e1400	989	1410	1180
18	1290	1530	3950	2080	1430	1590	2920	1330	e1500	1120	1250	970
19	1670	1520	7160	1930	1460	1400	2180	1270	e1200	1140	1300	1110
20	1880	1540	11600	1770	1710	1550	1820	1360	e1400	1240	1190	1130
21	1840	1540	16000	2260	1780	1680	1600	1280	e2000	1240	974	1420
22	1790	1480	16200	3250	1720	1590	1640	1060	3950	1380	1070	1870
23	1750	1400	13900	2620	1770	1640	2070	1190	4650	1240	1100	2310
24	1390	1350	9900	1980	1770	1480	2470	1150	4310	1060	1210	1910
25	1180	1300	6460	1860	1770	1530	3190	1250	3420	1330	1290	1500
26	1450	1220	4190	2340	1770	1370	3330	1170	2950	1540	1430	1600
27	1660	1150	3080	3420	1560	1240	3400	1230	2970	2160	1290	1940
28	1790	1120	2590	4950	1380	1380	3220	1370	2610	2250	1060	3210
29	1850	1090	2300	6680	1440	1580	2640	1130	2180	2170	1250	5930
30	1710	1270	2160	7180	---	1810	2250	1080	1830	1800	1800	7420
31	1380	---	2240	5980	---	1710	---	1500	---	1410	2850	---
TOTAL	82920	74650	131390	110010	70450	52540	66520	43260	60780	42029	41277	60040
MEAN	2675	2488	4238	3549	2429	1695	2217	1395	2026	1356	1332	2001
MAX	7180	675	16200	7180	5020	3210	4720	2080	4650	2250	2850	7420
MIN	1180	1090	1490	1770	1380	1240	1300	1060	1030	989	973	970
AC-FT	164500	148100	260600	218200	139700	104200	131900	85810	120600	83360	81870	119100

SABINE RIVER MAIN STEM

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

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

MEAN	2617	3666	8364	12010	12500	13170	12020	10560	8607	6512	4386	3922
MAX	9591	14910	22070	132800	27990	27480	33240	29510	26240	42320	7982	10530
(WY)	1995	1995	1983	1974	1974	1969	1969	1991	1989	1989	1975	1973
MIN	292	327	1366	1422	1559	1695	1030	1395	1428	805	382	333
(WY)	1968	1968	1981	1981	1968	1996	1971	1996	1970	1967	1967	1967

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1967 - 1996#	
ANNUAL TOTAL	4265400		835866			
ANNUAL MEAN	11690		2284		8174	
HIGHEST ANNUAL MEAN					14210	
LOWEST ANNUAL MEAN					1959	
HIGHEST DAILY MEAN	62200	Jan 30	16200	Dec 22	108000	Jul 6 1989
LOWEST DAILY MEAN	1090	Nov 29	970	Sep 18	278	Oct 28 1967
ANNUAL SEVEN-DAY MINIMUM	1210	Nov 24	1120	Jul 11	282	Oct 9 1967
INSTANTANEOUS PEAK FLOW			16800	Dec 22	109000	Jul 6 1989
INSTANTANEOUS PEAK STAGE			24.08	Dec 22	29.15	Jul 6 1989
ANNUAL RUNOFF (AC-FT)	8460000		1658000		5922000	
10 PERCENT EXCEEDS	22600		4320		18700	
50 PERCENT EXCEEDS	6830		1590		5040	
90 PERCENT EXCEEDS	1690		1180		1220	

e Estimated

Period of regulated streamflow.

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 seepage study 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 1996

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)
RED RIVER BASIN							
07348725	Indian Creek at Shongaloo, La.	Lat 32°55'55", long 93°17'30", Webster Parish, at bridge on State Highway 159, and 0.8 mi southeast of Shongaloo.	33.1	1966-96	7-17-96	43.51	2,970
07351670	Rambin Bayou near Frierson, La.	Lat 32°13'25", long 93°42'15", De Soto Parish, at bridge on State Highway 175, and 1.75 mi south of Frierson.	59.6	1966-96	8-29-96	11.88	4,980
07352400	Kepler Creek at Sparta, La.	Lat 32°22'05", long 93°05'35", Bienville Parish, at bridge on State Highway 507, and 0.8 mi west of Sparta.	21.1	1954-68, 1974-96	4-13-96	44.61	1,663
07353990	Kisatchie Bayou at Kisatchie, La.	Lat 31°25'20", long 93°10'14", Natchitoches Parish, at bridge on State Highway 117 and 0.6 mi north of Kisatchie.	37.3	1966-96	4-23-96	21.40	2,300
07364870	Sugar Creek near Arcadia, La.	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.	a47	1966-96	6-14-96	43.17	1,000
07366403	Bayou Choudrant tributary near Tremont, La.	Lat 32°31'55", long 92°27'55", Lincoln Parish, at culvert on Interstate Highway 20, and 1.1 mi northwest of Tremont.	0.54	1966-96	9-27-96	6.89	107
07366420	Bayou Choudrant near Calhoun, La.	Lat 32°32'35", long 92°22'50", Ouachita Parish, at bridge on State Highway 151, and 2.5 mi northwest of Calhoun.	113	1966-96	9-28-96	42.40	2,510
07367250	Guyton Creek near Eros, La.	Lat 32°25'25", long 92°21'30", Ouachita Parish, at culvert on State Highway 546, and 4.3 mi east of Eros.	8.76	1968-96	7-10-96	9.14	170
07369360	Bushley Creek at Manifest, La.	Lat 31°42'50", long 91°57'10" Catahoula Parish, at bridge on State Highway 8, and 0.5 mi east of Manifest.	64.7	1984-96	12-18-95	38.19	3,470
07370600	Beaucoup Creek near Cotton Plant, La.	Lat 32°06'40", long 92°19'20", Winn Parish, at bridge on State Highway 126, and 3.3 mi west of Cotton Plant.	127	1951-68, 1974-96	1996	<9.34	(d)

See footnotes at end of table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)
RED RIVER BASIN--Continued							
07372110	Brushy Creek near Joyce, La.	Lat 31°55'10", long 92°33'15", Winn Parish, at bridge on U.S. Highway 84, and 3.0 mi southeast of Joyce.	a24	1965-96	8-5-96	42.80	683
MONTE SANO BAYOU BASIN							
07373996	Monte Sano Bayou at Baton Rouge, La.	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 .	(a)	1975-94 ^c , 1995-96	12-18-95	^b 42.14	(d)
MISSISSIPPI RIVER DELTA							
07375222	Abita River north of Abita Springs, La.	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.	46.1	1966-96	3-18-96	^b 22.59	3,330
07375307	Terrys Creek near Kentwood, La.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.5 mi northeast of Kentwood.	52.0	1966-96	12-19-95	11.67	3,730
07377150	Amite River at Grangeville, La.	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mi southwest of Grangeville.	741	1951-63, 1964-82, 1993-96	12-18-95	28.56	(d)
07377210	Sandy Creek near Pride, La.	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.	69.9	1976-96	1996	(g)	(d)
07377240	Little Sandy Creek near Greenwell Springs, La.	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.	28.2	1974-85 ^b , 1986-94 ^c , 1995-96	12-18-95	^b 61.37	(d)
07377300	Amite River at Magnolia, La.	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.	884	1949-82 1993-96	12-19-95	^b 44.48	32,200
07377233	Beaver Creek at Peairs Road SE of Milldale, La.	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.	8.16	1995-96	12-18-95	^b 90.29	(d)
07377920	Cypress Bayou at Hooper Road, near Baton Rouge, La.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 mi northeast of Baton Rouge Post Office.	(e)	1962-92 ^c , 1993-96	12-19-95	^b 50.03	(d)
07377940	Blackwater Bayou near Baton Rouge, La.	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.	14.1	1962-94 ^c , 1995-96	12-19-95	49.60	(d)
07378650	Jones Creek at Old Hammond Highway, near Baton Rouge, La.	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.	(a)	1962-96	12-18-95	31.12	(d)
07378700	Jones Creek near Woodlawn School, near Baton Rouge, La.	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.	19.5	1967-92 ^c , 1993-96	12-18-95	24.90	(d)

See footnotes at end of table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued							
07378722	Clay Cut Bayou at Antioch Road near Baton Rouge, La.	Lat 30°23'12", long 91°00'26", East Baton Rouge Parish, at bridge on Antioch Road, 0.25 mi from Tiger Bend Road.	(a)	1995-96	8-18-95 12-20-95	13.13 16.80	(d) (d)
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, La.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office.	(e)	1962-66, 1969-92 ^c , 1993-96	12-18-95	15.95	(d)
07378810	Bayou Fountain at Bluebonnet Blvd., near Baton Rouge, La.	Lat 30°21'01", long 91°06'29", East Baton Rouge Parish, at bridge on Bluebonnet Blvd., 0.25 mi southwest of Highland Rd.	(e)	1995-96	7-02-95 12-18-95	8.35 14.49	(d) (d)
07379050	Ward Creek at Essen Lane, near Baton Rouge, La.	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.	(e)	1963-70 ^c , 1975-92 ^c , 1993-96	10-03-95 1-26-96 3-06-96	23.02 21.04 20.24	(d) (d) (d)
07379090	North Branch Ward Creek at Goodwood Boulevard, at Baton Rouge, La.	Lat 30°26'34", long 91°05'27", East Baton Rouge Parish, at bridge 5.5 mi southeast of Baton Rouge Post Office.	(e)	1968-92 ^c , 1993-96	12-18-95	37.35	(d)
07379095	North Branch Ward Creek at Old Hammond Hwy. at Baton Rouge, La.	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).	(e)	1995-96	12-18-95	^b 64.07	(d)
07379960	Dawson Creek at Bluebonnet Blvd. near Baton Rouge, La.	Lat 30°22'56", long 91°05'39", East Baton Rouge Parish, at bridge on Bluebonnet Blvd., 0.25 mi north of Perkins Rd.	(e)	1995-96	8-21-95 12-18-95	11.13 19.51	(d) (d)
MERMENTAU RIVER BASIN							
08013610	Whisky Chitto Creek tributary near Leesville, La.	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.	0.32	1966-96	12-17-95	8.79	341
08011800	Castor Creek near Oberlin, La.	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.	43.9	1964-96	9-30-96	^f 43.67	(d)
CALCASIEU RIVER BASIN							
08015200	Dry Creek at Dry Creek, La.	Lat 30°39'25", long 93°02'45", Beauregard Parish, at bridge on State Highway 113, and 1.0 mi south of Dry Creek.	42.7	1954-68, 1975-96	12-22-95	26.51	12,400

See footnotes at end of table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 1996—Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Annual maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)
SABINE RIVER BASIN							
08024030	Bayou Scie at Zwolle, La.	Lat 31°37'45", long 93°37'40", Sabine Parish, at bridge on U.S. Highway 171, and 1.0 mi east of Zwolle.	45.9	1950-68, 1974-96	12-19-95	6.65	356
08025850	Pearl Creek at State Highway 111, at Burr Ferry, La.	Lat 31°04'32", long 93°29'22", Vernon Parish, at bridge on State Highway 111, and 0.8 mi northeast of Burr Ferry.	9.66	1967-96	9-28-96	6.66	665

- a Approximately.
 b Elevation; sea level.
 c Operated as a flood profile gage.
 d Discharge not determined.
 e Drainage area not determined.
 f Revised.
 f Missing record

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

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 1996

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood Peak	
					Date	Elevation in ft (sea level)
PEARL RIVER BASIN						
02491800	Bogue Chitto at Enon, La.	Lat 30°43'10", long 90°05'00", Washington Parish, at bridge on State Highway 437, and 0.5 mi south of Enon.	1,107	1950-63, 1973-96	12-20-95	98.02
RED RIVER BASIN						
07349365	Macks Bayou at Bossier City, La.	Lat 32°31'59", long 93°40'24", Bossier Parish, at bridge on U.S. Highway 80, and 3.3 mi northeast of Bossier City Post Office.	(a)	1963-86, 1990-96	7-13-96	158.07
07350820	Sand Beach Bayou at Shreveport, La.	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.	(a)	1963-96	1996	<149.57
07351200	Brush Bayou at Shreveport, La.	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.	3.4	1960-96	7-13-96	181.61
07351300	Brush Bayou near Shreveport, LA,	Lat 32°23'25", long 93°46'15, Caddo Parish, at bridge on State Highway 526, and 2.5 mi south of Shreveport.	27.1	1960-96	7-13-96	157.29
07351755	Bayou Pierre at Powhatan, La.	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.	879	1981-85b, 1986-96c	9-30-96	18.26
07352410	Kepler Lake near Castor, La.	Lat 32°18'40", long 93°09'30", Bienville Parish, at dam on Kepler Lake, and 5.0 mi north of Castor.	46.2	1960-65d, 1966-96	4-13-96	181.12
07354740	Old River at Montrose, La.	Lat 31°34'25", long 92°59'40", Natchitoches Parish, at bridge on State Highway 1 at Montrose.	471	1960-86, 1990-96	1996	<95.0
07355475	Bayou Rapides near Alexandria, La.	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.	(e)	1963-86, 1990-96	12-19-95	78.10
07364203	Bayou Bartholomew northwest of Jones, La.	Lat 32°58'55", long 91°42'00", Morehouse Parish, on right bank, 3.2 mi northwest of Jones.	fl,190	1973-85b, 1986-96c	5-4-96	13.66
07364535	Ouachita River at Sterlington, La.	Lat 32°41'46", long 92°05'12", Ouachita-Union Parish line, on bridge on State Highway 2 at Sterlington.	12,953	1979-96b	4-27-96	59.37
07366270	Bayou D'Arbonne Lake west of Farmerville, La.	Lat 32°47'07", long 92°27'25", Union Parish, on downstream side of bridge on State Highway 2, and 3.1 mi west of Farmerville.	(e)	1979-86, 1990-96	9-30-96	81.57

See footnotes at end of table

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood Peak	
					Date	Elevation in ft (sea level)
RED RIVER BASIN--Continued						
07366365	Bayou D'Arbonne below dam, near Downsville, La.	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.	1,607	1978-96	9-30-96	66.69
07367030	Black Bayou at West Monroe, La.	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.	(a)	1978-96	6-20-96	g34.94
07367500	Cheniere Brake near Bawcomville, La.	Lat 32°27'10", long 92°11'29", Ouachita Parish, on downstream side of bridge on State Highway 3033, and 1.5 mi southwest of Bawcomville.	147	1944-45b, 1978-86, 1990-96	1996	g38.2
07367502	Cheniere Creek south of Bawcomville, La.	Lat 32°26'22", long 92°10'20", Ouachita Parish, on downstream side of bridge on State Highway 34, and 1.5 mi south of Bawcomville.	(a)	1978-86, 1990-96	1996	g<33.82
07368040	Boeuf River southwest of Rayville, La.	Lat 32°25'40", long 91°49'05", Richland Parish, on left bank 5.0 mi southwest of Rayville.	(a)	1974-85b, 1986-96c	4-25-96	8.82
07368810	Bayou Galion west of Oak Ridge, La.	Lat 32°37'35", long 91°50'19", Morehouse Parish, on downstream side of bridge on State Highway 134, and 3.7 mi west of Oak Ridge.	(a)	1979-86, 1990-96	4-23-96	g42.41
07369016	Youngs Bayou at Monroe, La.	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.	(a)	1978-96	6-20-96	62.92
07369024	Youngs Bayou near Monroe, La.	Lat 32°27'34", long 92°02'49", Ouachita Parish, at bridge on Moore Road, and 3.1 mi southeast of Monroe.	(a)	1978-96		k
07369050	Bayou Lafourche near Alto, La.	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.	(a)	1973-85b, 1986-96c	4-24-96	58.07
07369455	Brushy Bayou at Tallulah, La.	Lat 32°23'52", long 91°11'57", Madison Parish, at bridge on U.S. Highway 65, at Tallulah.	(a)	1975-80b, 1981-96	1996	<73.2
07369457	Lower Roundaway Bayou tributary near Tallulah, La.	Lat 32°22'33", long 91°11'57", Madison Parish, near center of bridge on U.S. Highway 65, and 1.5 mi south of Tallulah.	(a)	1975-80b, 1981-96	4-23-96	70.28
07369460	Roundaway Bayou near Tallulah, La.	Lat 32°23'09", long 91°12'30", Madison Parish, at bridge on State Highway 603, and 1.5 mi southwest of Tallulah.	28	1954-59d, 1978-96	1996	<70.15
07369468	Panola Bayou at Tallulah, La.	Lat 32°25'02", long 91°12'24", Madison Parish, at bridge on U.S. Highway 80, and 0.2 mi northwest of Tallulah.	(a)	1978-80b, 1981-96	4-23-96	71.49
07369515	Tensas River southeast of Tendal, La.	Lat 32°23'17", long 91°20'05", Madison Parish, on right bank 3.5 mi southeast of Tendal.	(a)	1975-85b, 1986-96c	4-26-96	17.62
07372190	Little River at Rochelle, La.	Lat 31°47'35", long 92°21'42", Grant-La Salle Parish line, at bridge on U.S. Highway 165, at Rochelle.	1,892	1938-46h, 1948-57h, 1958-85h, 1986-96c	4-25-96	26.25

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation in ft (sea level)
BAYOU BATON ROUGE BASIN						
07373965	South Canal near Baker, La.	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 and 2.3 mi northeast of Baker.	(a)	1972-82 ^b , 1983-87 ^d , 1988-96	12-19-95	77.30
07373980	Baker Canal near Baker, La.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 mi southwest of Baker	(a)	1963-70,, 1971-93 ^b 1995-96	1996	<58.53
MONTE SANO BAYOU BASIN						
07373993	Monte Sano Bayou at Metro Airport at Baton Rouge, La.	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.	(a)	1975-96	12-18-95	57.50
MISSISSIPPI RIVER DELTA						
07377215	Little Sandy Creek near Milldale, La.	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.	(a)	1975-96	1996	<106.68
07377230	Little Sandy Creek SW of Milldale, La.	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.	(a)	1995-96	8-22-95 12-18-95	68.99 74.72
07377250	Sandy Creek near Greenwell Springs, La.	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.	(a)	1982-96 ^b	1996	(k)
07377755	White Bayou East Diversion Channel near Baton Rouge, La.	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 Ryan Airport at Baton Rouge.	(a)	1972-84 ^b , 1986-87 ^d , 1988-96	5-19-95 4-12-95 12-19-95	°77.08 °75.23 77.33
07377780	White Bayou at State Highway 64, near Zachary, La.	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 mi east of Zachary.	(a)	1962-75, 1977-96	12-19-95	89.91
07377840	White Bayou near Baton Rouge, La.	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.	(a)	1962-96	12-19-95	68.27
07377842	White Bayou near Baker, La.	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.	(a)	1972-84 ^b , 1986-87 ^d , 1988-96	12-19-95	815.07
07377890	Cypress Bayou at Baker, La.	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.	(a)	1967-69, 1971-96	1996	<65.22
07377900	Cypress Bayou at Plank Road, near Baton Rouge, La.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 mi northeast of Baton Rouge Post Office.	(a)	1962-65, 1967-96	12-19-95	51.05
07377933	Blackwater Bayou near Fred, La.	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.	(a)	1975-96	12-19-95	73.11
07378008	Hurricane Creek at Baton Rouge, La.	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.	(a)	1967-96	12-19-95	46.80
07378010	Hurricane Creek near Baton Rouge, La.	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.	(a)	1962-96	12-19-95	43.24

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
07378015	Roberts Canal at Baton Rouge, La.	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.	(a)	1967-96	12-19-95	48.29
07378020	Roberts Canal near Baton Rouge, La.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi northeast of BatonRouge Post Office.	(a)	1962-96	12-19-95	44.31
07378050	Comite River at Greenwell Springs Road, near Baton Rouge, La.	Lat 30°30'20", long 90°02'24", East Baton Rouge Parish, at bridge on Greenwell Springs Road, 9.4 mi northeast of Baton Rouge Post Office.	(a)	1981-88 ^b , 1989-96 ^c	12-19-95	42.05
07378075	Beaver Bayou at Denham Road, near Baton Rouge, La.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 mi northeast of Baton Rouge Post Office.	(a)	1972-96	12-18-95	70.46
07378091	Beaver Bayou tributary at Hooper Road, near Baton Rouge, La.	Lat 30°33'24", long 91°01'52", East Baton Rouge Parish, at culvert, 12 mi northeast of Baton Rouge Post Office.	(a)	1983-96	4-11-95 12-18-95	°60.13 59.73
07378100	Beaver Bayou at Wax Road, near Baton Rouge, La.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 mi northeast of Baton Rouge Post Office.	9.49	1972-96	12-18-95	55.65
07378595	Jones Creek at Airline Highway, at Baton Rouge, La.	Lat 30°27'52", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 mi northeast of Baton Rouge Post Office.	(a)	1967-96	1996	<43.6
07378600	Jones Creek at Florida Boulevard, at Baton Rouge, La.	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 mi east of Baton Rouge Post Office.	(a)	1962-96	1996	<38.7
07378635	Lively Bayou north-east of Baton Rouge, La.	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.	(a)	1967-96	6-15-96	39.37
07378640	Lively Bayou east of Baton Rouge, La.	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.	(a)	1967-96	6-15-96	36.92
07378645	Lively Bayou southeast of Baton Rouge, La.	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.	(a)	1967-96	6-15-96	34.92
07378670	Weiner Creek near Baton Rouge, La.	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.	(a)	1967-96	12-18-95	41.36
07378720	Clay Cut Bayou at Siegen Lane near Baton Rouge, La.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 mi southeast of Baton Rouge Post Office.	(a)	1967-96	1996	(k)
07378725	Clay Cut Bayou near Hope Villa, La.	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.	(a)	1967-96	12-18-95	14.43

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
07378780	Bayou Fountain at Ben Hur Road, at Baton Rouge, La.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 mi southeast of Baton Rouge Post Office.	(a)	1962-96	12-18-95	18.49
07378805	Bayou Fountain tributary near Baton Rouge, La.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Road, 9.1 mi southeast of Baton Rouge Post Office.	(a)	1967-96	12-18-95	8.90
07379000	Ward Creek at Government Street, at Baton Rouge, La.	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.	4.04	1954-67 ^b , 1969-73 ^c , 1975-96 ^c	10-03-95 1-26-96 3-06-96	34.92 41.28 41.84
07379010	Ward Creek at College Drive, at Baton Rouge, La.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 mi southeast of Baton Rouge Post Office.	(a)	1970-96	10-03-95 1-26-96 3-06-96	(k) 38.49 37.26
07379100	North Branch Ward Creek at Baton Rouge, La.	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.	(a)	1962-96	12-18-95	28.07
07379400	Dawson Creek at Perkins Road, at Baton Rouge, La.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 mi southeast of Baton Rouge Post Office.	(a)	1962-96	12-18-95	^g 15.90
07379502	Corporation Canal at Oklahoma Street, at Baton Rouge, La.	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mi south of Baton Rouge Post Office.	0.56	1971-96	12-18-95	22.94
07379503	Corporation Canal at East Roosevelt Street, at Baton Rouge, La.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 mi southeast of Baton Rouge Post Office.	^f 1.31	1971-96 ^c	12-18-95	(k)
07379508	Corporation Canal at Stanford Avenue at Baton Rouge, La.	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 mi southeast of Baton Rouge Post Office.	2.43	1971-96	12-18-95	22.82
07379550	Bayou Duplantier at Lee Drive, at Baton Rouge, La.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 mi south of Baton Rouge Post Office.	(a)	1962-70, 1971-96 ^c	12-18-95	21.79
07379950	Dawson Creek at Staring Lane, near Baton Rouge, La.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 mi southeast of Baton Rouge Post Office.	(a)	1962-96	12-18-95	20.96
07380200	Amite River at French Settlement, La.	Lat 30°16'31", long 90°46'45", Livingston Parish, at bridge on State Hwy. 16, 2.0 mi south of French Settlement High School.	(a)	1995-96	4-14-95 12-22-95	4.52 3.43
07380223	New River at Gonzales, La.	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.	(a)	1963-96	1996	<7.8
07380226	Bayou Francois near Gonzales, La.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 mi west of Gonzales water tower.	(a)	1963-96	1996	<8.3
07380227	Bayou Francois at Gonzales, La.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mi southwest of Gonzales water tower.	(a)	1963-96	1996	<7.4

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
07381002	Bayou Lafourche below weir at Thibodaux, La.	Lat 29°47'56", long 90°04'11", Lafourche Parish, on Canal Street, 1200 ft below State Highway 20 at Thibodaux and approximately 200 ft below weir.	(a)	1986-96 ^c	12-18-95	6.24
07382258	Bayou Rapides-Boeuf-Cocodrie diversion channel at U.S. Highway 165, near Alexandria, La.	Lat 31°13'39", long 92°29'49", Rapides Parish, at bridge 6.5 mi southwest of Alexandria city hall.	(g)	1963-86, 1990-96	12-19-95	66.86
07382495	Bayou Courtableau near Washington, La.	Lat 30°38'53", long 92°03'40", St. Landry Parish, 0.3 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.	701	1946-75 ^h , 1976-85 ^b , 1986-96 ^c	12-21-95	27.32
07382840	Hynson Bayou at Bringhurst Park, at Alexandria, La.	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	(a)	1963-86, 1990-96	1996	<75.26
07382850	Horseshoe Drainage Canal at Packing House Road, at Alexandria, La.	Lat 31°16'25", long 92°26'15", Rapides Parish, at bridge 2.6 mi south of Alexandria city hall.	(a)	1959-86 1990-96	12-19-95	70.18
07382855	Hynson Bayou at Hudson St., at Alexandria, La.	Lat 31°16'15", long 92°25'22", Rapides Parish, at bridge 3.1 mi southeast of Alexandria city hall.	(a)	1963-86, 1990-96	12-19-95	70.04
07382865	Persimmon Bayou near Alexandria, La.	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.	(a)	1963-86, 1990-96	12-19-95	66.37
07383510	Bayou des Glaisses diversion channel near Moreauville, La.	Lat 30°59'59", long 91°58'57", Avoyelles Parish, at bridge on unnumbered parish road, and 2.5 mi south of Moreauville.	284	1972-85b, 1986-96c		k
07385470	Bayou Teche at Robin, La.	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.	(a)	1947-85 ^b , 1986-96 ^c	12-19-95	20.84
07385702	Bayou Teche below Keystone Lock and Dam near St. Martinville, La.	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.	(a)	1985-96 ^c	12-18-95	[§] 12.85

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS
Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 1996--Continued

Station number	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
07386705	Ruth Canal at Ruth, La.	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.	(a)	1959-85 ^b , 1986-96 ^c	12-22-95	11.74

< Less than amount shown.

a Drainage area not determined.

b Operated as a continuous-record gaging station.

c Operated as a continuous-record gaging station, daily records unpublished.

d Operated as a crest-stage partial-record station.

e Drainage area indeterminate.

f Approximately.

g Gage datum, sea level of gage not determined.

h Operated as a continuous-record gaging station by the Corps of Engineers.

j Graph based on gage readings.

k Missing record.

m High-water mark.

o Corrected data

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN						
Bogue Lusa Creek	Pearl River	Lat 30°46'56", long 89°52'24", Washington Parish, on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi upstream from Ice Water Branch, 0.9 mi downstream from Adams Creek, and 4.0 mi upstream from mouth.	72.9	1963-86a 1990, 1993-96	10-05-95 12-06-95 1-31-96 5-23-96	67.6 39.4 123 28.8
MISSISSIPPI RIVER DELTA						
Avoca Island Cutoff (R-1)	Gulf of Mexico	Lat 29°31'59", long 91°14'26", Terrebonne Parish, Hydrologic Unit 08090302		1995-96	1-23-96 4-03-96 5-07-96 6-17-96	8100 12900 26000 22800
Bayou Penchant (R-3)	Gulf of Mexico	Lat 29°34'57", long 91°09'18", at Bayou Chene, Terrebonne Parish, Hydrologic Unit 08090302		1995-96	1-23-96 4-03-96 5-07-96 6-17-96	1370 3010 5410 4680
GICWW (R-4)	Gulf of Mexico	Lat 29°37'14", long 91°00'18", nr Bayou Black, Terrebonne Parish, Hydrologic Unit 08090302		1995-96	1-23-96 1-24-96 4-03-96 5-07-96 6-17-96	1840 5910 7270 9080 10900
Bayou Boeuf (R-5a)	Gulf of Mexico	Lat 29°39'30", long 91°05'33, at Amelia, Terrebonne Parish, Hydrologic Unit 08090302		1995-96	1-23-96 4-03-96 5-07-96 6-17-96	3210 2810 4920 2360
GICWW (R-7)	Gulf of Mexico	Lat 29°33'34", long 90°43'12", west of Houma, Terrebonne Parish, Hydrologic Unit 08090302		1995-96	1-24-96 4-04-96 5-07-96 6-17-96	4610 5420 5190 8730
Bayou Boeuf (R-5a)	Gulf of Mexico	Lat 29°38'08", long 91°07'28", below lock,, Terrebonne Parish, Hydrologic Unit 08090302		1996	1-24-96	3620
Bayou Lafourche	Gulf of Mexico	Lat 30°05'47", long 91°00'21", Ascension Parish, at bridge connecting Hwy. 1 and 308, 1.0 mi S of Marchand Dr. (Hwy. 70E) in Donaldsonville, LA		1994-96	10-11-95 1-22-96 2-22-96 6-05-96 6-27-96 8-05-96	380 301 235 118 209 118
Bayou Lafourche	Gulf of Mexico	Lat 29°59'24", long 91°01'50", at Klotzville, Assumption Parish, Hydrologic Unit 08090301		1996	6-27-96	208
Bayou Lafourche	Gulf of Mexico	Lat 29°56'30", long 91°01'22", at Napoleonville Assumption Parish, Hydrologic Unit 08090301		1996	6-27-96	192
Bayou Lafourche	Gulf of Mexico	Lat 29°45'14", long 90°43'42", nr Raceland, Lafourche Parish, Hydrologic Unit 08090301		1996	6-27-96	22.5
Bayou Lafourche	Gulf of Mexico	Lat 29°43'41", long 90°35'54", at Hwy. 3199 at Raceland, Lafourche Parish, Hydrologic Unit 08090301		1996	6-27-96 8-05-96	27.0 40.7
Company Canal	Gulf of Mexico	Lat 29°38'47, long 90°32'13", at Hwy. 1 at Lockport, Lafourche Parish, Hydrologic Unit 08090302		1996	6-27-96 8-05-96	331 47.5

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES
Discharge Measurements Made at Miscellaneous Sites During Water Year 1996

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued						
Bayou Lafourche	Gulf of Mexico	Lat 29°38'47, long 90°32'13", at Hwy. 1 at Lockport, Lafourche Parish, Hydrologic Unit 08090302		1996	6-27-96	---
GCIWW	Gulf of Mexico	Lat 29°34'08", long 90°23'04", East of Bayou Lafourche, Lafourche Parish, Hydrologic Unit 08090302		1996	6-27-96 7-02-96 8-05-96	3670 2910 1920
GCIWW	Gulf of Mexico	Lat 29°34'41", long 90°22'49", West of Bayou Lafourche, Lafourche Parish, Hydrologic Unit 08090301		1996	6-27-96 7-02-96 8-05-96	1940 3060 1320
GCIWW	Gulf of Mexico	Lat 29°34'24", long 90°22'56", South of Bayou Lafourche, Lafourche Parish, Hydrologic Unit 08090301		1996	6-27-96 7-02-96 8-05-96	565 325 264
Bayou Blue	Gulf of Mexico	Lat 29°32'38", long 90°24'02", nr Larose, Lafourche Parish, Hydrologic Unit 08090302		1996	7-02-96 8-05-96	336 266
Bayou Lafourche	Gulf of Mexico	Lat 29°32'39", long 90°24'02", N of GIWW, Lafourche Parish, Hydrologic Unit 08090301		1996	7-02-96 8-05-96	464 206
Miller's Point	Gulf of Mexcio	Lat 29°50'44", long 91°24'44", St. Mary Parish, Hydrologic Unit 08080101		1996	2-16-96 3-13-96 4-09-96 5-08-96 6-04-96 7-17-96	292000 320000 351000 406000 440000 207000
Cypress Pass	Gulf of Mexico	Lat 29°47'35", long 91°21'56", St. Martin Parish, Hydrologic Unit 08080101		1996	2-15-96 3-13-96 4-10-96 5-08-96 6-05-96 7-18-96 9-10-96	149000 139000 176000 175000 219000 99200 71400
Lower Cypress Point	Gulf of Mexico	Lat 29°45'16", long 91°18'34", St. Mary Parish, Hydrologic Unit 08080101		1996	2-16-96 3-14-96 4-10-96 5-09-96 6-05-96 7-18-96	153000 143000 177000 208000 210000 102000
American Pass	Gulf of Mexico	Lat 29°47'12", long 91°16'31", St. Martin Parish, Hydrologic Unit 08080101		1996	2-15-96 3-13-96 4-09-96 5-08-96 6-04-96 7-17-96	5790 3310 2630 2430 9550 3500
Blue Point Chute	Gulf of Mexico	Lat 29°49'36", long 91°22'28", St. Martin Parish, Hydrologic Unit 08080101		1996	2-17-96 3-13-96 4-09-96 5-08-96 6-04-96 7-17-96	2630 1780 3490 3770 7140 1020
Drew's Pass	Gulf of Mexico	Lat 29°43'30", long 91°12'37", St. Mary Parish, Hydrologic Unit 08080101		1996	2-16-96 3-14-96 4-10-96 5-09-96 6-05-96 7-18-96	41100 28000 34000 25400 52200 29700

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES
Discharge Measurements Made at Miscellaneous Sites During Water Year 1996

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued						
Stout's Pass	Gulf of Mexico	Lat 29°43'54", long 91°13'28", St. Mary Parish, Hydrologic Unit 08080101		1996	2-16-96	159000
					3-14-96	136000
					4-10-96	172000
					5-09-96	175000
					6-05-96	208000
					7-18-96	100000
West Grand Lake	Gulf of Mexico	Lat 29°48'42", long 91°23'48", St. Mary Parish, Hydrologic Unit 08080101		1996	2-17-96	125000
					3-13-96	117000
					4-09-96	162000
					5-08-96	152000
					6-04-96	168000
					7-17-96	68000
Six Mile Lake	Gulf of Mexico	Lat 29°45'16", long 91°22'27", St. Mary Parish, Hydrologic Unit 08080101		1996	9-10-96	47400
					2-17-96	122000
					3-13-96	113000
					4-10-96	156000
					5-08-96	154000
					6-04-96	178000
Myette Point	Gulf of Mexico	Lat 29°53'09", long 91°26'36", St. Mary Parish, Hydrologic Unit 08080101		1996	7-17-96	76900
					2-15-96	30700
					3-12-96	16200
					4-09-96	24700
					5-08-96	28300
					6-04-96	45300
Bayou Manchac	Lake Maurepas	Lat 30°20'33", long 90°59'34" Ascension Parish, at bridge on bridge on U.S.Highway 61, 3.0 mi northwest of Prairieville.	138	1992-95	7-17-96	13000
					10-10-95	0.0
					12-12-95	6.34
					1-09-96	371
					2-12-96	215
					4-09-96	344
					5-13-96	152
					6-10-96	0
					7-08-96	62.5
Bayou Chinchuba	Lake Pontchartrain	Lat 30°22'44", long 90°05'37" St. Tammany Parish, at west Pontchartrain Causeway approach, 12.1 mi west- northwest of Mandeville.	---	1992-95	8-12-96	661
					9-09-96	0.0
					1-08-96	3.30
					3-11-96	0.0
					5-14-96	0.0
					7-09-96	0.0
					9-10-96	0.0

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES
Discharge Measurements Made at Miscellaneous Sites During Water Year 1996

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued						
Cane Bayou	Lake Pontchartrain	Lat 30°20'14", long 90°00'09" St. Tammany Parish at U.S. Highway 190 bridge, 3.0 mi east of Mandeville.	---	1992-96	1-08-96 3-11-96 5-14-96 7-09-96 9-10-96	3.06 0.0 0.0 0.0 0.0
Tickfaw River	Lake Maurepas	Lat 30°26'07", long 90°40'39" Livingston Parish, at bridge on State Highway 42 in Springfield.	---	1992-96	11-13-95 1-09-96 3-11-96 5-14-95 7-09-95 9-10-95	378 231 522 158 173 173
Yellow Water River	Ponchatoula Creek	Lat 30°26'23", long 90°29'45" Tangipahoa Parish, on State Highway 22 bridge, west of Ponchatoula 4.0 mi south- southeast of Hammond.	---	1992-96	11-13-95 1-08-95 3-11-95 5-14-95 7-09-95 9-10-95	0.0 6.87 0.0 0.0 0.0 0.0
Big Creek	Tangipahoa River	Lat 30°47'44", long 90°27'06", Tangipahoa Parish, at bridge 4.1 mi northeast of Roseland.	38.4	1964-68, 1988-96	10-10-95 11-13-94 12-11-95 1-09-96 2-13-96 3-11-96 5-13-96 6-10-96 6-15-95 8-12-95 9-09-95	21.2 28.0 22.6 26.3 28.4 36.8 19.7 25.9 27.9 38.6 22.3
East Fork Big Creek	Tangipahoa River	Lat 30°47'27", long 90°26'37", Tangipahoa Parish, at bridge 4.4 mi northeast of Roseland.	31.2	1964-68, 1988-96	10-10-95 11-13-95 12-11-95 1-09-96 2-13-96 3-11-96 4-08-96 5-13-96 6-10-96 7-08-96 8-12-96 9-09-96	13.8 19.2 12.6 20.6 23.0 21.4 47.2 16.8 18.9 14.6 14.0 12.4
MERMENTAU RIVER BASIN						
Bayou Nezpieque	Mermentau River	Lat 30°55'00", long 92°35'53" Evangeline Parish, at bridge on State Highway 104, 7.2 mi north of Basile.	(c)	1981-85, 1993-96	4-23-96 8-08-96	155 127
CALCASIEU RIVER BASIN						
Calcasieu River	Gulf of Mexico	Lat 30°49'20", long 92°41'04", Allen Parish, at bridge on State Highway 10, 1.4 mi north- east of junction of U.S. Highway 165 and State Highway 10 in Oakdale.	(c)	1953, 1982-85, 1992, 1994-96	3-21-96 8-09-96	739 79

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES
 LOWER MISSISSIPPI RIVER BASIN
 MISSISSIPPI RIVER MAIN STEM
 310552091361200 MISSISSIPPI RIVER (COOCHIE) NEAR BLACK HAWK, LA (CE 01020)
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
FEB 1996					
06...	1100	1140000	598	1840000	54
27...	1215	658000	277	492000	61
MAR					
12...	1100	734000	223	442000	62
APR					
02...	1000	889000	252	605000	75
MAY					
07...	1200	1050000	285	808000	80
21...	1200	1280000	285	985000	61
JUN					
11...	1100	1180000	242	771000	76
25...	1045	1120000	220	665000	65
AUG					
06...	1200	572000	375	579000	91

GROUND-WATER LEVELS

ACADIA PARISH

301832092234501 LOCAL WELL NUMBER: AC-326

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 2 IN., DEPTH 202 FT, SCREENED 192-202. MP* TOP OF 6-IN. CASING, 1.15 FT ABOVE LSD. LSD 25.8 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965,

LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	71.12	FEB. 6, 1996	63.18	APR. 9, 1996	70.51	AUG. 8, 1996	75.34

301832092234503 LOCAL WELL NUMBER: AC-335L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 1,363 FT, SCREENED 1,358-1,363. MP TOP OF 1 1/2-IN. CASING, 3.00 FT ABOVE LSD.

LSD 24.55 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 50.43 BELOW LSD, MAR. 31, 1970,

LOWEST WATER LEVEL 69.47 BELOW LSD, DEC. 8, 1993.

RECORDS AVAILABLE 1966-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	63.97	FEB. 6, 1996	64.30	APR. 9, 1996	64.15	AUG. 8, 1996	64.69

301832092234504 LOCAL WELL NUMBER: AC-335U

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 907 FT, SCREENED 902-907. MP TOP OF 1 1/2-IN. CASING, 3.00 FT ABOVE LSD. LSD 24.55 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 43.59 BELOW LSD, MAR. 5, 1968,

LOWEST WATER LEVEL 64.54 BELOW LSD, OCT. 23, 1995.

RECORDS AVAILABLE 1966-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	64.54	FEB. 6, 1996	61.40	APR. 9, 1996	57.83	AUG. 8, 1996	64.38

ALLEN PARISH

303004092541101 LOCAL WELL NUMBER: AL-241

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 29, T. 6S., R. 5W.) BORED OBSERVATION SEMI-ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 62 FT, SCREENED 59-62. MP TOP OF 1 1/4-IN. CASING, 4.00 FT ABOVE LSD. LSD 42.97 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 23.84 BELOW LSD, MAR. 21, 1961,

LOWEST WATER LEVEL 34.26 BELOW LSD, NOV. 8, 1978.

RECORDS AVAILABLE 1957-79, 1981, 1983, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	31.24	FEB. 5, 1996	29.33	APR. 9, 1996	31.32	AUG. 8, 1996	33.64

See footnotes at end of table.

GROUND-WATER LEVELS

ALLEN PARISH--Continued

303118092493901 LOCAL WELL NUMBER: AL-269

OWNER: QUATRE PARISH COMPANY. (SEC. 24, T. 6S., R. 5W.) DRILLED DOMESTIC ARTESIAN WELL IN THE EVANGELINE AQUIFER OF PLEISTOCENE-MIOCENE AGE, DIAM 4 IN., DEPTH 660 FT, MP 1/2-IN. HOLE IN SANITARY SEAL, 1.38 FT ABOVE LSD. LSD 45 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 49.62 BELOW LSD, FEB. 13, 1996,

LOWEST WATER LEVEL 54.57 BELOW LSD, MAY 18, 1993.

RECORDS AVAILABLE 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	51.45	FEB. 5, 1996	50.59	APR. 9, 1996	51.37	AUG. 8, 1996	52.31

ASCENSION PARISH

301544090543901 LOCAL WELL NUMBER: AN-267

OWNER: CITY OF GONZALES. (SEC. 16, T. 9S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 10 IN., DEPTH 488 FT, SCREENED 388-488. MP PLUG IN 2-IN. BREATHER CHLORINATOR PIPE, 6.1 FT ABOVE LSD.

LSD 7 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 4.13 BELOW LSD, JULY 26, 1995,

LOWEST WATER LEVEL 9.37 BELOW LSD, DEC. 1, 1995.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	9.37	MAY 7, 1996	8.25	JUNE 21, 1996	5.05	JULY 25, 1996	5.95
MAR. 8, 1996	8.34						

AVOUELLES PARISH

310453092022901 LOCAL WELL NUMBER: AV-164

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 47, T. 1N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 192 FT, SCREENED 182-192. MP TOP OF CASING, 0.63 FT ABOVE LSD. LSD 80 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 33.78 BELOW LSD, JUNE 30, 1975,

LOWEST WATER LEVEL 41.90 BELOW LSD, NOV. 5, 1992.

RECORDS AVAILABLE 1966-79, 1985-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	36.96	JAN. 12, 1996	37.34	MAY 21, 1996	37.04	JULY 15, 1996	37.43

311336092095901 LOCAL WELL NUMBER: AV-271

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 38, T. 3N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 2 IN., DEPTH 370 FT, SCREENED 365-370. MP TOP OF BUSHING, 3.35 FT ABOVE LSD. LSD 95 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 55.02 BELOW LSD, JULY 18, 1973,

LOWEST WATER LEVEL 67.49 BELOW LSD, MAR. 4, 1981.

RECORDS AVAILABLE 1966-84, 1986-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	62.68	JAN. 12, 1996	62.98	MAY 21, 1996	63.15	JULY 15, 1996	63.04

GROUND-WATER LEVELS

AVOYELLES PARISH-Continued

311708092073701 LOCAL WELL NUMBER: AV-329

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 38, T. 4N., R. 3E.) BORED OBSERVATION SEMI-ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 45 FT, SCREENED 42-45. MP TOP OF CASING, AT LSD.

LSD 45.6 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 0.10 ABOVE LSD, MAR. 15, 1973,

LOWEST WATER LEVEL 13.00 BELOW LSD, OCT. 27, 1983.

RECORDS AVAILABLE 1968-76, 1980-85, 1987-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	10.34	JAN. 12, 1996	7.47	MAY 21, 1996	4.54	JULY 15, 1996	3.58

BEAUREGARD PARISH

303644093020401 LOCAL WELL NUMBER: BE-430

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 24, T. 5S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 123 FT, SCREENED 118-123. MP TOP OF 2-IN. GALV. PIPE, 3.00 FT ABOVE LSD.

LSD 120 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 57.57 BELOW LSD, JULY 11, 1995,

LOWEST WATER LEVEL 63.43 BELOW LSD, DEC. 7, 1993.

RECORDS AVAILABLE 1974-79, 1981, 1983, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	57.71	FEB. 5, 1996	58.33	APR. 9, 1996	57.72	AUG. 8, 1996	58.86

305018093251301 LOCAL WELL NUMBER: BE-443

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 5, T. 3S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 164 FT, SCREENED 159-164. MP TOP OF 2-IN. GALV. PIPE, 2.40 FT ABOVE LSD.

LSD 206 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 33.16 BELOW LSD, APR. 8, 1992,

LOWEST WATER LEVEL 37.71 BELOW LSD, OCT. 6, 1993.

RECORDS AVAILABLE 1974-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	34.43	JAN. 23, 1996	34.98	MAY 21, 1996	36.01	JULY 16, 1996	36.55
DEC. 4	35.69						

BIENVILLE PARISH

323505092535001 LOCAL WELL NUMBER: BI-144

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 4, T. 18N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 630 FT, SCREENED 620-630. MP TOP OF CASING, 2.85 FT ABOVE LSD.

LSD 320 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 198.27 BELOW LSD, SEP. 1, 1970,

LOWEST WATER LEVEL 236.48 BELOW LSD, MAY 14, 1996.

RECORDS AVAILABLE 1970-73, 1975, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1996	235.37	MAR. 29, 1996	234.93	MAY 14, 1996	236.48	JULY 17, 1996	235.54

GROUND-WATER LEVELS

BIENVILLE PARISH-Continued

322436092500501 LOCAL WELL NUMBER: BI-166

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 1, T. 16N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 472 FT, SCREENED 462-472. MP TOP OF BUSHING, 0.20 FT ABOVE LSD. LSD 260 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 155.21 BELOW LSD, APR. 28, 1975,
 LOWEST WATER LEVEL 181.24 BELOW LSD, JULY 18, 1996.
 RECORDS AVAILABLE 1975-82, 1984-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVELS
OCT. 7, 1995	180.73	MAR. 1, 1996	180.95	MAY 14, 1996	181.14	JULY 18, 1996	181.24

BOSSIER PARISH

323400093292201 LOCAL WELL NUMBER: BO-322

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 10, T. 18N., R. 11W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 66 FT, SCREENED 63-66. MP TOP OF BUSHING, 2.8 FT ABOVE LSD.
 LSD 200 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 6.49 BELOW LSD, DEC. 13, 1983,
 LOWEST WATER LEVEL 17.53 BELOW LSD, NOV. 2, 1988.
 RECORDS AVAILABLE 1973, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	12.88	JAN. 18, 1996	13.82	MAY 16, 1996	13.02	JULY 15, 1996	12.66

CALCASIEU PARISH

301036093124401 LOCAL WELL NUMBER: CU-767

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 850 FT, SCREENED 840-850. MP TOP OF 2-IN. CASING, 2.00 FT ABOVE LSD.
 LSD 11.42 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 63.26 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 105.98 BELOW LSD, SEP. 30, 1974.
 RECORDS AVAILABLE 1963-85, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 16, 1996	74.55	SEP. 16, 1995	79.13				

301336093183001 LOCAL WELL NUMBER: CU-769

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WEL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 642 FT, SCREENED 632-642. MP TOP OF 2-IN. CASING, 2.00 FT ABOVE LSD.
 LSD 17.62 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 91.56 BELOW LSD, MAR. 28, 1963,
 LOWEST WATER LEVEL 146.44 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1963-79, 1981-83, 1985, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1995	102.33						

GROUND-WATER LEVELS

CALCASIEU PARISH-Continued

301336093183002 LOCAL WELL NUMBER: CU-771

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 241 FT, SCREENED 231-241. MP TOP OF 2-IN. CASING, 2.0 FT ABOVE LSD.

LSD 17.76 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 54.97 BELOW LSD, MAR. 28, 1963,

LOWEST WATER LEVEL 83.83 BELOW LSD, JULY 21, 1971.

RECORDS AVAILABLE 1963-79, 1981-85, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1995	60.73	APR. 16, 1996	60.57	SEP. 17, 1996	63.85		

300353093210201 LOCAL WELL NUMBER: CU-787

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 36, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WEL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 734 FT, SCREENED 729-734. MP TOP OF 2-IN. CASING, 4.0 FT ABOVE LSD.

LSD 4.33 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 46.98 BELOW LSD, APR. 13, 1965,

LOWEST WATER LEVEL 78.58 BELOW LSD, AUG. 2, 1972.

RECORDS AVAILABLE 1964-79, 1981-83, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 16, 1996	54.22	SEP. 26, 1996	56.43				

301100093200001 LOCAL WELL NUMBER: CU-789

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 19, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 640 FT, SCREENED 635-640. MP TOP OF 2-IN. CASING, 2.00 FT ABOVE LSD.

LSD 18.42 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 85.42 BELOW LSD, MAR. 7, 1991,

LOWEST WATER LEVEL 131.68 BELOW LSD, AUG. 2, 1972.

RECORDS AVAILABLE 1964-75, 1977-79, 1981-83, 1985, 1991, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 11, 1995	91.70	FEB. 5, 1996	89.19	APR. 9, 1996	89.74	AUG. 7, 1996	92.75
OCT. 23	91.45						

301148093193202 LOCAL WELL NUMBER: CU-843

OWNER: LOUISIANA DEPT. OF TRANSPORTATION AND DEVELOPMENT. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 205 FT, SCREENED 200-205. MP TOP OF CASING, 0.87 FT BELOW LSD.

LSD 12 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 50.41 BELOW LSD, FEB. 23, 1993,

LOWEST WATER LEVEL 73.05 BELOW LSD, SEP. 10, 1974.

RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	WATER DATE	LEVEL
OCT. 11, 1995	54.23	OCT. 23, 1995	54.05	APR. 9, 1996	53.29	AUG. 7, 1996	56.33
OCT. 19	54.11	FEB. 5, 1996	53.17	APR. 30	53.68		

GROUND-WATER LEVELS

CALCASIEU PARISH-Continued

301213093191701 LOCAL WELL NUMBER: CU-851

OWNER: LOUISIANA DEPT. OF TRANSPORTATION AND DEVELOPMENT. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 555 FT, SCREENED 550-555. MP TOP OF 3-IN. COLLAR, 1.47 FT ABOVE LSD. RECORDER INSTALLED SEP. 9, 1996.
 LSD 10 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 92.62 BELOW LSD, FEB. 28, 1985,
 LOWEST WATER LEVEL 145.67 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-83, 1990-91, 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12, 1995	99.74	FEB. 5, 1996	99.26	SEP. 9, 1996	102.09	SEP. 20, 1996	101.42
OCT 19	99.59	APR. 9	97.86	SEP. 10	101.94	SEP. 25	101.04
OCT. 23	99.72	AUG. 7	103.63	SEP. 15	109.91	SEP. 30	99.99

CALDWELL PARISH

320555092043501 LOCAL WELL NUMBER: CA-130

OWNER: TOWN OF COLUMBIA. (SEC. 20, T. 13N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD AQUIFER OF EOCENE AGE, DIAM 4 IN., DEPTH 260 FT, SCREENED 240-260. MP TOP OF CASING, 3.0 FT ABOVE LSD.
 LSD 90 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 17.97 BELOW LSD, JUNE 21, 1990,
 LOWEST WATER LEVEL 26.59 BELOW LSD, JULY 15, 1996.
 RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	25.81	JAN. 2, 1996	25.85	MAY 17, 1996	25.60	JULY 15, 1996	26.59

CAMERON PARISH

3295846092381105 LOCAL WELL NUMBER: CN-80L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN., DEPTH 481 FT, SCREENED 475-481. MP TOP OF 1-IN. CASING, 3.0 FT ABOVE LSD.
 LSD 4.73 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 19.47 BELOW LSD, MAR. 22, 1965,
 LOWEST WATER LEVEL 30.88 BELOW LSD, JUNE 20, 1978.
 RECORDS AVAILABLE 1964-83, 1985, 1990-91, 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 24, 1996	28.05	AUG. 28, 1996	29.72				

300125092382504 LOCAL WELL NUMBER: CN-81L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN., DEPTH 478 FT, SCREENED 468-478. MP TOP OF 1-IN. PIPE, 3.18 FT ABOVE LSD.
 LSD 4.45 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 20.99 BELOW LSD, MAR. 22, 1965,
 LOWEST WATER LEVEL 33.44 BELOW LSD, AUG. 7, 1996.
 RECORDS AVAILABLE 1964-83, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	30.09	APR. 10, 1996	29.70	AUG. 7, 1996	33.34	AUG. 28, 1996	32.54
FEB. 6, 1996	27.22						

GROUND-WATER LEVELS

CAMERON PARISH-Continued

300120093320802 LOCAL WELL NUMBER: CN-86L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN., DEPTH 641 FT, SCREENED 631-641. MP TOP OF 1 1/2-IN. PIPE, 2.91 FT ABOVE LSD.
 LSD 3.66 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 32.16 BELOW LSD, APR. 12, 1965,
 LOWEST WATER LEVEL 51.34 BELOW LSD, SEP. 19, 1971.
 RECORDS AVAILABLE 1964-83, 1985, 1990, 1993, 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 26, 1996	39.69						

300055093093004 LOCAL WELL NUMBER: CN-88L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN., DEPTH 804 FT, SCREENED 794-804. MP TOP OF 1 1/2-IN. PIPE, 2.68 FT ABOVE LSD.
 LSD 8.86 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 40.27 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 66.95 BELOW LSD, JULY 21, 1978.
 RECORDS AVAILABLE 1964-79, 1981-83, 1985-86, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 17, 1996	49.53	AUG. 28, 1996	53.44				

295611093044801 LOCAL WELL NUMBER: CN-90

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 4, T. 13S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 396 FT, SCREENED 386-396. MP TOP OF 4 TO 2-IN. BELL REDUCER, 2.00 FT ABOVE LSD.
 LSD 3.19 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 20.40 BELOW LSD, MAR. 24, 1964,
 LOWEST WATER LEVEL 37.61 BELOW LSD, NOV. 17, 1992.
 RECORDS AVAILABLE 1964, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 17, 1996	29.16	SEP. 17, 1996	31.64				

300104093015601 LOCAL WELL NUMBER: CN-92

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 12, T. 12S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 443 FT, SCREENED 438-443. MP TOP OF 2-IN. CAS-ING, 2.00 FT ABOVE LSD.
 LSD 5.5 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 26.02 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 53.96 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1964-85, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 17, 1996	37.85	SEP. 17, 1996	39.36				

GROUND-WATER LEVELS

CATAHOULA PARISH

315007091410601 LOCAL WELL NUMBER: CT-347

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 42, T. 10N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 76 FT, SCREENED 73-76. MP TOP OF CASING, 3.50 FT ABOVE LSD.

LSD 70 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 25.34 BELOW LSD, JULY 7, 1994,

LOWEST WATER LEVEL 27.11 BELOW LSD, JULY 16, 1996.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	26.51	JAN. 2, 1996	26.66	MAY 21, 1996	26.80	JULY 16, 1996	27.11

CLAIBORNE PARISH

330002092445901 LOCAL WELL NUMBER: CL-149

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 11, T. 23N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 736 FT, SCREENED 726-736. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.

LSD 230 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 264.01 BELOW LSD, FEB. 21, 1980,

LOWEST WATER LEVEL 294.23 BELOW LSD, JULY 17, 1996.

RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	293.42	MAR. 1, 1996	293.64	MAY 14, 1996	293.68	JULY 17, 1996	294.23

CONCORDIA PARISH

312614091400001 LOCAL WELL NUMBER: CO-205

OWNER: ANGELINA PLANTATION. (SEC. 4, T. 5N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 130 FT, SCREENED 110-130. MP TOP OF CASING, 1.10 FT ABOVE LSD.

LSD 45 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 6.03 BELOW LSD, MAR. 24, 1994,

LOWEST WATER LEVEL 15.99 BELOW LSD, SEP. 26, 1990.

RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1996	9.31	SEP. 12, 1996	14.01				

312630091390001 LOCAL WELL NUMBER: CO-215

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 3, T. 5N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 121 FT, SCREENED 118-121. MP TOP OF CASING, 3.4 FT ABOVE LSD.

LSD 45 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 5.32 BELOW LSD, APR. 26, 1993,

LOWEST WATER LEVEL 14.25 BELOW LSD, SEP. 26, 1990.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	12.16	MAR. 20, 1996	8.76	JULY 15, 1996	12.00	SEP. 12, 1996	12.18
JAN. 2, 1996	9.79	MAY 21	7.99				

GROUND-WATER LEVELS

DESOTO PARISH

315521093343801 LOCAL WELL NUMBER: DS-445

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 22, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX AQUIFER OF EOCENE-PALEOCENE AGE, DIAM 2 IN., DEPTH 140 FT, SCREENED 130-140. MP TOP OF CASING, 3.60 FT ABOVE LSD.

LSD 305 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 77.54 BELOW LSD, OCT. 5, 1993,

LOWEST WATER LEVEL 84.18 BELOW LSD, DEC. 10, 1985.

RECORDS AVAILABLE 1977-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	78.10	JAN. 24, 1996	78.08	MAY 14, 1996	78.26	JULY 16, 1996	78.30

315629093352601 LOCAL WELL NUMBER: DS-446

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 15, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX AQUIFER OF EOCENE-PALEOCENE AGE, DIAM 2 IN., DEPTH 220 FT, SCREENED 210-220. MP TOP OF CASING, 3.85 FT ABOVE LSD.

LSD 340 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 90.23 BELOW LSD, JUNE 14, 1995,

LOWEST WATER LEVEL 94.77 BELOW LSD, SEP. 10, 1985.

RECORDS AVAILABLE 1977-87, 1992-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	90.24	MAR. 8, 1996	90.42				

320153093583601 LOCAL WELL NUMBER: DS-517

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 14, T. 12N., R. 16W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX AQUIFER OF EOCENE-PALEOCENE AGE, DIAM 2 IN., DEPTH 131 FT, SCREENED 129-131. MP TOP OF BUSHING, AT LSD.

LSD 225 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 13.33 BELOW LSD, APR. 19, 1995,

LOWEST WATER LEVEL 17.64 BELOW LSD, SEP. 24, 1984.

RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	14.34	JAN. 24, 1996	14.45	MAY 14, 1996	14.63	JULY 16, 1996	15.09

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302745091092401 LOCAL WELL NUMBER: EB-90

OWNER: BATON ROUGE WATER COMPANY. (SEC. 77, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN., REPORTED DEPTH 2,120 FT, SCREENED 2,025-2,120. MP TOP OF COLLAR, 1.90 FT ABOVE LSD.

LSD 59.05 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 12.70 ABOVE LSD, FEB. 23, 1943,

LOWEST WATER LEVEL 292.54 BELOW LSD, AUG. 31, 1973.

RECORDS AVAILABLE 1943-45, 1947-55, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	239.25	FEB. 13, 1996	225.72	APR. 22, 1996	221.28	JULY 9, 1996	230.53

302653091095701 LOCAL WELL NUMBER: EB-146

OWNER: EAST BATON ROUGE CITY-PARISH. (SEC. 73, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN., REPORTED DEPTH 1,259 FT, SCREENED 1,199-1,259. MP EDGE OF 1/4-IN. HOLE IN PLATE ATOP CASING, 0.45 FT BELOW LSD.

LSD 52 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 33.00 ABOVE LSD, MAR. 25, 1916,

LOWEST WATER LEVEL 118.15 BELOW LSD, JULY 12, 1979.

RECORDS AVAILABLE 1916, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	105.35	FEB. 13, 1996	102.96	APR. 22, 1996	105.53	JULY 9, 1996	106.20

302930091101501 LOCAL WELL NUMBER: EB-155

OWNER: EXXON CO., U.S.A. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 18 TO 12 IN., REPORTED DEPTH 412 FT, SCREENED 311-412. MP TOP OF CASING COVER, 0.85 FT ABOVE LSD.

LSD 60.14 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 57.81 BELOW LSD, MAR. 25, 1990, MAY 10, 1991, MAY 15, 1991, MAY 30, 1991,

LOWEST WATER LEVEL 185.30 BELOW LSD, OCT. 15, 1968.

RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	86.03	DEC. 25, 1995	80.08	MAR. 15, 1996	77.89	MAY 31, 1996	81.72
OCT. 10	79.81H	DEC. 31	80.82	MAR. 20	72.95	JUNE 5	83.46
OCT. 15	82.38	JAN. 5, 1996	78.04	MAR. 24	70.69J	JUNE 10	83.90
OCT. 20	82.71	JAN. 10	78.53	MAR. 25	74.41	JUNE 12	84.29H
OCT. 25	82.65	JAN. 15	78.82	MAR. 31	75.23	JUNE 15	84.58
OCT. 31	76.78	JAN. 20	81.23	APR. 5	75.54	JUNE 20	84.93
NOV. 5	74.72	JAN. 25	83.31	APR. 10	79.16	JUNE 25	82.02
NOV. 10	73.83	JAN. 31	80.25	APR. 12	80.22H	JUNE 30	85.94
NOV. 15	73.21	FEB. 5	82.01	APR. 15	81.85	JULY 5	86.93
NOV. 20	72.43	FEB. 10	84.11	APR. 20	79.52	JULY 10	83.89
NOV. 25	77.77	FEB. 12	81.89H	APR. 25	80.14	JULY 15	88.29
NOV. 30	78.66	FEB. 15	82.29	APR. 30	78.23	JULY 19	89.36H
DEC. 5	79.35	FEB. 20	80.96	MAY 5	76.40	SEP. 10	83.73
DEC. 10	80.64	FEB. 25	74.41	MAY 10	75.29	SEP. 15	84.16
DEC. 13	80.80H	FEB. 29	72.89	MAY 15	74.58	SEP. 20	87.87
DEC. 15	80.60	MAR. 5	71.64	MAY 20	76.70	SEP. 25	90.29
DEC. 20	79.87	MAR. 10	80.99	MAY 25	79.87	SEP. 30	91.60J

See footnotes at end of table.

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

303001091093801 LOCAL WELL NUMBER: EB-168

OWNER: BATON ROUGE WATER COMPANY. (SEC. 38, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN., REPORTED DEPTH 1,496 FT, SCREENED 1,416-1,496. MP TOP EDGE OF 1 1/2-IN. COLLAR ON PLATE ATOP CASING, 1.95 FT ABOVE LSD.
 LSD 56 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 14.00 ABOVE LSD, MAR. 1, 1943,
 LOWEST WATER LEVEL 148.45 BELOW LSD, NOV. 17, 1994.
 RECORDS AVAILABLE 1943, 1948, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27, 1995	141.10	FEB. 13, 1996	137.00	APR. 22, 1996	137.91	JULY 9, 1996	137.21

303026091113001 LOCAL WELL NUMBER: EB-297

OWNER: LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, OFFICE OF HIGHWAYS.
 (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN., DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN. NIPPLE ATOP 2-IN. CROSS, 2.20 FT ABOVE LSD.
 LSD 61 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 38.00 ABOVE LSD, 1937,
 LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
 RECORDS AVAILABLE 1937, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	269.47	FEB. 14, 1996	255.24	APR. 22, 1996	254.15	JULY 9, 1996	258.46

303440090592702 LOCAL WELL NUMBER: EB-304

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN., DEPTH 1,725 FT, SCREENED 1,685-1,725. MP TOP OF 2-IN. COUPLING WELDED ON TOP OF CASING, 2.40 FT ABOVE LSD.
 LSD 67 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 81.00 ABOVE LSD, DEC. 19, 1941,
 LOWEST WATER LEVEL 65.19 BELOW LSD, OCT. 27, 1995.
 RECORDS AVAILABLE 1941, 1943-46, 1949-51, 1954-70, 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	65.19	FEB. 15, 1996	64.10	APR. 22, 1996	63.59	JULY 8, 1996	64.89

303441091074201 LOCAL WELL NUMBER: EB-322

OWNER: JOSEPH ROY BADEAUX. (SEC. 29, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 TO 2 IN., DEPTH 1,971 FT, SCREENED 1,931-1,971. MP TOP EDGE OF 2 1/2-IN. CASING, 0.25 FT ABOVE LSD.
 LSD 68 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 67.00 ABOVE LSD, DEC. 6, 1942,
 LOWEST WATER LEVEL 82.17 BELOW LSD, JULY 10, 1996.
 RECORDS AVAILABLE 1942-51, 1959, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	81.58	MAR. 11, 1996	81.46	APR. 22, 1996	80.73	JULY 10, 1996	82.17

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302820091072401 LOCAL WELL NUMBER: EB-327

OWNER: SPEDALE ESTATE. (SEC. 73, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200- FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN., REPORTED DEPTH 1,236 FT, SCREENED 1,186-1,236. MP TOP OF 2-IN. CASING EXTENSION, 1.40 FT ABOVE LSD.

LSD 55 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 100.10 BELOW LSD, FEB. 7, 1974,

LOWEST WATER LEVEL 119.58 BELOW LSD, JULY 16, 1979.

RECORDS AVAILABLE 1972-88, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	109.67	MAR. 11, 1996	111.39	APR. 22, 1996	111.40	JULY 10, 1996	112.35

302930091111301 LOCAL WELL NUMBER: EB-367

OWNER: GULF STATES UTILITIES CO. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN., REPORTED DEPTH 2,061 FT, SCREENED 1,961-2,061. MP TOP EDGE OF 12-IN. CASING, AT LSD. PRESSURE TRANSDUCER INSTALLED JAN. 5, 1996.

LSD 64.4 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 5.00 BELOW LSD, JUNE 16, 1942,

LOWEST WATER LEVEL 372.20 BELOW LSD, AUG. 17, 1973.

RECORDS AVAILABLE 1942, 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	296.02H	FEB. 29, 1996	284.69	APR. 30, 1996	277.15	JULY 13, 1996	293.36J
JAN. 5, 1996	283.45	MAR. 5	286.42	MAY 5	277.47	JULY 15	291.89
JAN. 10	289.29	MAR. 10	290.38	MAY 10	278.33	JULY 20	289.28
JAN. 15	282.12	MAR. 15	281.94	MAY 15	278.39	JULY 25	292.09
JAN. 20	285.52	MAR. 20	287.12	MAY 20	281.06	JULY 31	290.15
JAN. 25	283.82	MAR. 25	288.46	MAY 25	278.38	AUG. 5	291.20
JAN. 31	277.30	MAR. 31	284.47	MAY 31	273.71	AUG. 15	289.15
FEB. 5	294.78	APR. 5	283.02	JUNE 2	272.83J	AUG. 20	289.59
FEB. 10	284.99	APR. 10	282.27	JUNE 10	280.67	AUG. 25	289.76
FEB. 14	282.25H	APR. 15	282.12	JUNE 20	283.91	SEP. 15	286.72
FEB. 15	285.21	APR. 20	283.75	JUNE 25	287.21	SEP. 20	285.33
FEB. 20	284.30	APR. 24	280.03H	JUNE 30	285.60	SEP. 25	286.36
FEB. 25	284.19	APR. 25	278.69	JULY 11	291.50H	SEP. 30	280.14

302844091033601 LOCAL WELL NUMBER: EB-392

OWNER: GENERAL SERVICES ADMIN. (SEC. 36, T. 6S., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN., REPORTED DEPTH 1,464 FT, SCREENED 1,389-1,464. MP LOWER EDGE OF COLLAR ON NORTH SIDE OF WELL CASING, 1.00 FT ABOVE LSD.

LSD 50 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 20.75 ABOVE LSD, SEP. 6, 1942,

LOWEST WATER LEVEL 98.50 BELOW LSD, OCT. 8, 1981.

RECORDS AVAILABLE 1942, 1973, 1977-78, 1981, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	93.12	FEB. 14, 1996	88.86	APR. 22, 1996	90.69	JULY 8, 1996	92.47

See footnotes at end of table.

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302619091104003 LOCAL WELL NUMBER: EB-434

OWNER: DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, OFFICE OF HYGHWAYS (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 6 IN., REPORTED DEPTH 611 FT, SCREENED 551-611. MP TOP OF 2-IN. NIPPLE, 1.58 FT ABOVE LSD. LSD 45.44 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 43.24 ABOVE LSD, MAY 10, 1990,
 LOWEST WATER LEVEL 125.57 BELOW LSD, OCT. 22, 1968.
 RECORDS AVAILABLE 1961-93, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 26, 1996	59.89						

303408091075001 LOCAL WELL NUMBER: EB-468

OWNER: A.M. HOLDEN. (SEC. 53, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN., DEPTH 2,407 FT, SCREENED 2,319-2,407. MP TOP EDGE OF 3/4-IN. HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD. LSD 73 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 71.60 ABOVE LSD, FEB. 27, 1948,
 LOWEST WATER LEVEL 73.21 BELOW LSD, JULY 10, 1996.
 RECORDS AVAILABLE 1948-51, 1953-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	71.55	FEB. 14, 1996	70.76	APR. 22, 1996	70.97	JULY 10, 1996	73.21

303440090592703 LOCAL WELL NUMBER: EB-581

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN., DEPTH 2,590 FT, SCREENED 2,540-2,590. MP TOP OF 1-IN. PIPE ON SIDE OF 8-IN. CASING, 1.90 FT ABOVE LSD. LSD 67 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 54.40 ABOVE LSD, MAY 25, 1956,
 LOWEST WATER LEVEL 48.69 BELOW LSD, JULY 8, 1996.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	47.70	FEB. 15, 1996	47.59	APR. 22, 1996	47.91	JULY 8, 1996	48.69

303350091100901 LOCAL WELL NUMBER: EB-685

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 3 IN., DEPTH 1,640 FT, SCREENED 1,580-1,640. MP TOP EDGE OF 3/8-IN. GALVANIZED NIPPLE, 1.73 FT ABOVE LSD. LSD 65 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 48.95 BELOW LSD, APR. 30, 1959,
 LOWEST WATER LEVEL 184.37 BELOW LSD, NOV. 15, 1972.
 RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	161.07	JAN. 11, 1996	164.56	APR. 22, 1996	156.47	JULY 10, 1996	157.63

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302509091082701 LOCAL WELL NUMBER: EB-778

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,586 FT, SCREENED 2,581-2,586. MP TOP EDGE OF 4-IN COLLAR, 0.25 FT BELOW LSD.
 LSD 28 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 40.10 ABOVE LSD, MAR. 16, 1965,
 LOWEST WATER LEVEL 10.58 BELOW LSD, JAN. 9, 1996.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	7.42	JAN. 9, 1996	10.58	APR. 22, 1996	9.06	JULY 10, 1996	7.53

302509091082702 LOCAL WELL NUMBER: EB-780A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 1,622 FT, SCREENED 1,617-1,622. MP TOP OF 4-IN. COLLAR, 0.14 FT ABOVE LSD.
 LSD 28 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 2.26 ABOVE LSD, JAN. 12, 1966,
 LOWEST WATER LEVEL 37.41 BELOW LSD, NOV. 17, 1994.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	36.42	JAN. 10, 1996	35.16	APR. 22, 1996	35.21	JULY 10, 1996	35.96

302535091090401 LOCAL WELL NUMBER: EB-781

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 IN., DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP OF 2-IN. AIRLINE, 2.82 FT ABOVE LSD.
 LSD 28 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 119.12 BELOW LSD, MAR. 15, 1966,
 LOWEST WATER LEVEL 241.60 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1965-88, 1990-93, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 18, 1996	188.01						

302535091090402 LOCAL WELL NUMBER: EB-782A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 1,189 FT, SCREENED 1,184-1,189. MP TOP OF 2-IN. CASING, 2.0 FT ABOVE LSD.
 LSD 28 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 17.37 BELOW LSD, JAN. 14, 1994,
 LOWEST WATER LEVEL 26.75 BELOW LSD, OCT. 22, 1981.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	23.94	JAN. 25, 1996	23.57	APR. 22, 1996	25.22	JULY 8, 1996	23.78

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302502091113601 LOCAL WELL NUMBER: EB-783A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 2,179 FT, SCREENED 2,174-2,179. MP TOP EDGE OF 1/2-IN. HOLE IN SANITARY SEAL, 2.00 FT ABOVE LSD.

LSD 26 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 16.20 ABOVE LSD, MAR. 1, 1966,

LOWEST WATER LEVEL 68.27 BELOW LSD, JUNE 30, 1993.

RECORDS AVAILABLE 1965-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 19, 1996	64.32						

302502091113602 LOCAL WELL NUMBER: EB-783B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 2,675 FT, SCREENED 2,670-2,675. MP CENTER LINE OF FAUCET AT TOP OF 2-IN. CASING, 2.95 FT ABOVE LSD.

LSD 26 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 54.90 ABOVE LSD, MAR. 1, 1966,

LOWEST WATER LEVEL 40.45 BELOW LSD, JULY 22, 1977.

RECORDS AVAILABLE 1965-88, 1990-91, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 7, 1996	+10.85						

302511091070401 LOCAL WELL NUMBER: EB-789A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 711 FT, SCREENED 707-711. MP HOLE IN SANITARY SEAL, 0.61 FT ABOVE LSD.

LSD 37 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 9.50 BELOW LSD, MAY 17, 1979,

LOWEST WATER LEVEL 33.40 BELOW LSD, OCT. 12, 1988.

RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	30.94	JAN. 9, 1996	26.71	APR. 23, 1996	20.98	JULY 8, 1996	15.64

302511091070402 LOCAL WELL NUMBER: EB-789B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 1,721 FT, SCREENED 1,717-1,721. MP TOP OF 2-IN. CASING, 0.88 FT ABOVE LSD.

LSD 37 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 6.15 BELOW LSD, MAR. 4, 1966,

LOWEST WATER LEVEL 45.19 BELOW LSD, JAN. 9, 1996.

RECORDS AVAILABLE 1965-93, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1996	45.19						

See footnotes at end of table.

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302719091103201 LOCAL WELL NUMBER: EB-793

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 71, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 2-IN. LINER, 2.00 FT ABOVE LSD.
 LSD 35.3 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 36.56 BELOW LSD, JULY 23, 1990,
 LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
 RECORDS AVAILABLE 1965-93, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 11, 1996	52.17						

302306091022602 LOCAL WELL NUMBER: EB-803B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,565 FT, SCREENED 2,561-2,565. MP CENTER LINE OF FAUCET IN TOP OF 2-IN. CASING, 3.5 FT ABOVE LSD.
 LSD 27 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 53.10 ABOVE LSD, APR. 4, 1966,
 LOWEST WATER LEVEL 11.60 ABOVE LSD, MAY 7, 1982.
 RECORDS AVAILABLE 1966-90, 1991-92, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 12, 1996	+12.90						

302428091035001 LOCAL WELL NUMBER: EB-804A

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 1,950 FT, SCREENED 1,946-1,950. MP TOP OF 4-IN. CASING, 1.57 FT ABOVE LSD.
 LSD 46 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 44.34 BELOW LSD, JUNE 9, 1967,
 LOWEST WATER LEVEL 114.45 BELOW LSD, SEP. 22, 1993.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	105.38	JAN. 18, 1996	100.97	APR. 22, 1996	100.74	JULY 8, 1996	102.98

See footnotes at end of table.

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302428091035002 LOCAL WELL NUMBER: EB-804B

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,762 FT, SCREENED 2,758-2,762. MP TOP OF 2-IN. CASING, 2.37 FT ABOVE LSD.
 LSD 46 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 32.45 BELOW LSD, MAY 6, 1966, MAY 18, 1966,
 LOWEST WATER LEVEL 109.62 BELOW LSD, AUG. 2, 1995.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	105.25	JAN. 12, 1996	101.13	APR. 22, 1996	97.08	JULY 8, 1996	106.09

302428091035003 LOCAL WELL NUMBER: EB-805

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 1,072 FT, SCREENED 1,068-1,072. MP TOP OF 1/2-IN. HOLE IN CAP, 1.25 FT ABOVE LSD.
 LSD 46 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 40.04 BELOW LSD, JUNE 9, 1967,
 LOWEST WATER LEVEL 71.01 BELOW LSD, FEB. 9, 1995.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	69.74	JAN. 12, 1996	68.51	APR. 22, 1996	67.49	JULY 8, 1996	68.68

302702091103902 LOCAL WELL NUMBER: EB-806B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 72, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,579 FT, SCREENED 2,575-2,579. MP TOP EDGE OF 1 1/2-IN. NIPPLE, 1.83 FT ABOVE LSD.
 LSD 46.5 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 119.03 BELOW LSD, MAY 19, 1966,
 LOWEST WATER LEVEL 206.86 BELOW LSD, AUG. 4, 1995.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	199.45	FEB. 13, 1996	198.50	APR. 22, 1996	185.77	JULY 9, 1996	191.23

302553091092001 LOCAL WELL NUMBER: EB-824

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 581 FT, SCREENED 575-581. MP TOP OF 2-IN. CASING, 0.50 FT ABOVE LSD.
 LSD 33.56 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 28.84 BELOW LSD, JULY 10, 1990,
 LOWEST WATER LEVEL 90.29 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	46.33	JAN. 10, 1996	44.98	APR. 22, 1996	40.91	JULY 8, 1996	42.66

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302553091092002 LOCAL WELL NUMBER: EB-825

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 475 FT, SCREENED 469-475. MP TOP OF 2-IN. CASING, 0.50 FT ABOVE LSD.
 LSD 33.57 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 29.21 BELOW LSD, MAY 9, 1990,
 LOWEST WATER LEVEL 63.45 BELOW LSD, NOV. 8, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	40.79	JAN. 10, 1996	38.56	APR. 22, 1996	35.86	JULY 8, 1996	37.99

303356091095301 LOCAL WELL NUMBER: EB-827

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 370 FT, SCREENED 364-370. MP TOP OF 2-IN. CASING, 0.50 FT ABOVE LSD.
 LSD 63.96 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 37.50 BELOW LSD, MAY 15, 1990,
 LOWEST WATER LEVEL 68.13 BELOW LSD, NOV. 1, 1968.
 RECORDS AVAILABLE 1967-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	50.56	JAN. 11, 1996	49.04	APR. 22, 1996	44.33	JULY 10, 1996	40.74

303851091161001 LOCAL WELL NUMBER: EB-839

OWNER: GEORGIA-PACIFIC CORP. (SEC. 38, T. 5S., R. 2W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 16 TO 10 IN., DEPTH 770 FT, SCREENED 700-770. MP TOP OF EAST EDGE OF WELL PROTECTOR, 3.2 FT ABOVE LSD.
 LSD 80 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 64.68 BELOW LSD, JAN. 30, 1969,
 LOWEST WATER LEVEL 127.56 BELOW LSD, OCT. 30, 1995.
 RECORDS AVAILABLE 1969, 1990, 1994-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	127.56	MAR. 13, 1996	124.63	APR. 23, 1996	122.15	JULY 10, 1996	116.91

303912091150801 LOCAL WELL NUMBER: EB-849

OWNER: GEORGIA-PACIFIC CORP. (SEC. 31, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN., DEPTH 1,380 FT, SCREENED 1,250-1,270 AND 1,350-1,380. MP TOP OF 6-IN. CASING, 1.70 FT ABOVE LSD.
 LSD 91 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 47.79 BELOW LSD, FEB. 22, 1966,
 LOWEST WATER LEVEL 142.28 BELOW LSD, OCT. 31, 1990.
 RECORDS AVAILABLE 1966, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	125.04	FEB. 14, 1996	131.67	APR. 22, 1996	129.51	JULY 11, 1996	126.41

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302729091100601 LOCAL WELL NUMBER: EB-870

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 44, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 692 FT, SCREENED 687- 692. MP TOP OF CASING, AT LSD.
 LSD 50 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 48.33 BELOW LSD, JULY 10, 1990,
 LOWEST WATER LEVEL 142.48 BELOW LSD, OCT. 5, 1971.
 RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	69.29	JAN. 10, 1996	67.89	APR. 22, 1996	63.43	JULY 9, 1996	67.61

302710091111501 LOCAL WELL NUMBER: EB-887

OWNER: LOUISIANA CIVIL DEFENSE. (SEC. 71, T. 7S., R. 1W.) DRILLED EMERGENCY SUPPLY ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 10 TO 6 IN., DEPTH 903 FT, SCREENED 863-903. MP FROM LAND SURFACE TO 1/2-IN. HOLE ON SANITARY SEAL, 10.1 FT BELOW LSD.
 LSD 56 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 18.88 BELOW LSD, JUNE. 15, 1995,
 LOWEST WATER LEVEL 40.61 BELOW LSD, OCT. 30, 1995.
 RECORDS AVAILABLE 1994-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	40.61	MAR. 11, 1996	32.55	APR. 22, 1996	30.55	JULY 9, 1996	22.47

303905090583301 LOCAL WELL NUMBER: EB-896

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 51, T. 4S., R. 2E.) BORED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 73 FT, SCREENED 70-73. MP TOP OF 1 1/4-IN. CASING, AT LSD.
 LSD 82 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 9.11 BELOW LSD, JUNE 14, 1995,
 LOWEST WATER LEVEL 21.40 BELOW LSD, NOV. 21, 1994.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	16.08	FEB. 15, 1996	15.38	APR. 22, 1996	14.93	JULY 8, 1996	14.54

302614091083001 LOCAL WELL NUMBER: EB-917

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 1,736 FT, SCREENED 1,731-1,736. MP TOP OF 4-IN. CASING, AT LSD.
 LSD 46.56 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 116.98 BELOW LSD, APR. 10, 1978,
 LOWEST WATER LEVEL 150.27 BELOW LSD, OCT. 6, 1992.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	143.12	JAN. 17, 1996	135.50	APR. 22, 1996	136.17	JULY 8, 1996	142.93

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302547091074401 LOCAL WELL NUMBER: EB-918

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 91, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 1,834 FT, SCREENED 1,829-1,834. MP TOP EDGE OF 4-IN. COLLAR, AT LSD.
 LSD 40 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 103.15 BELOW LSD, DEC. 12, 1973,
 LOWEST WATER LEVEL 137.78 BELOW LSD, OCT. 7, 1992.
 RECORDS AVAILABLE 1973-91, 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1996	126.11						

302955091060601 LOCAL WELL NUMBER: EB-933

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 603 FT, SCREENED 592- 603. MP TOP OF 2-IN. CASING, 1.30 FT ABOVE LSD.
 LSD 51 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 44.67 BELOW LSD, JULY 11, 1991,
 LOWEST WATER LEVEL 67.84 BELOW LSD, NOV. 18, 1977.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	53.71	FEB. 14, 1996	52.81	APR. 22, 1996	51.41	JULY 10, 1996	53.32

302955091060501 LOCAL WELL NUMBER: EB-934

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 385 FT, SCREENED 372-385. MP TOP OF 2-IN. CASING, 1.10 FT ABOVE LSD.
 LSD 51 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 37.55 BELOW LSD, JULY 11, 1991,
 LOWEST WATER LEVEL 55.98 BELOW LSD, NOV. 18, 1977.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1995	46.37	FEB. 14, 1996	45.14	APR. 22, 1996	43.74	JULY 10, 1996	47.89

302932091101901 LOCAL WELL NUMBER: EB-944

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN., DEPTH 2,792 FT, SCREENED 2,782-2,792. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN. TEE ON LINER, 1.63 FT ABOVE LSD.
 LSD 59 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 33.53 BELOW LSD, FEB. 4, 1975,
 LOWEST WATER LEVEL 53.22 BELOW LSD, JULY 6, 1995.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1995	49.89	FEB. 12, 1996	49.68	MAY 10, 1996	51.80	JULY 10, 1996	51.83
NOV. 13	49.91	MAR. 11	50.37	JUNE 5	50.23	AUG. 2	51.80
DEC. 13	49.69	APR. 12	49.92	JULY 3	51.15	SEP. 4	52.11
JAN. 12, 1996	49.22						

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

302932091101902 LOCAL WELL NUMBER: EB-945

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 654 FT, SCREENED 644-654. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN. TEE ON LINER, 2.27 FT ABOVE LSD.
 LSD 59 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 59.09 BELOW LSD, JULY 9, 1990,
 LOWEST WATER LEVEL 158.05 BELOW LSD, AUG. 26, 1976.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1995	81.99	FEB. 12, 1996	75.82	MAY 10, 1996	79.19	JULY 10, 1996	85.60
NOV. 13	84.20	MAR. 11	81.38	JUNE 5	81.63	AUG. 2	89.64
DEC. 13	83.90	APR. 12	75.21	JULY 3	83.74	SEP. 4	93.30
JAN. 12, 1996	81.68						

302932091101903 LOCAL WELL NUMBER: EB-946

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 1,234 FT, SCREENED 1,224-1,234. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN. TEE ON LINER, 2.02 FT ABOVE LSD.
 LSD 59 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 97.73 BELOW LSD, JUNE 2, 1992,
 LOWEST WATER LEVEL 193.08 BELOW LSD, OCT. 2, 1978.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1995	123.89	FEB. 12, 1996	129.01	MAY 10, 1996	130.24	JULY 10, 1996	127.81
NOV. 13	128.49	MAR. 11	131.44	JUNE 5	126.55	AUG. 2	126.88
DEC. 13	113.01	APR. 12	130.99	JULY 3	127.37	SEP. 4	130.03
JAN. 12	117.08						

303251091115001 LOCAL WELL NUMBER: EB-1000

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 69, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN., DEPTH 2,926 FT, SCREENED 2,916-2,926. MP TOP OF CASING, 3.00 FT ABOVE LSD.
 LSD 68 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 44.15 BELOW LSD, APR. 22, 1985,
 LOWEST WATER LEVEL 63.63 BELOW LSD, JULY 18, 1996.
 RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	61.52	JAN. 11, 1996	60.53	APR. 22, 1996	61.40	JULY 18, 1996	63.63

302605091100901 LOCAL WELL NUMBER: EB-1028

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 53, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN., DEPTH 2,238 FT, SCREENED 2,223-2,238. MP TOP EDGE OF 1-IN. AIR-LINE COLLAR, 0.30 FT BELOW LSD.
 LSD 40 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 172.99 BELOW LSD, NOV. 2, 1994,
 LOWEST WATER LEVEL 245.19 BELOW LSD, JULY 23, 1981.
 RECORDS AVAILABLE 1981-88, 1991-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	212.39	JAN. 17, 1996	201.84	APR. 22, 1996	198.78	JULY 9, 1996	207.77

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH-Continued

303853091165801 LOCAL WELL NUMBER: EB-1234

OWNER: GEORGIA-PACIFIC CORP. (SEC. 39, T. 5S., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400 & 600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 250 FT, SCREENED 210-250. MP TOP OF 4-IN. CASING, 1.5 FT ABOVE LSD.

LSD 97 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 81.63 BELOW LSD, APR. 29, 1994,

LOWEST WATER LEVEL 115.82 BELOW LSD, OCT. 30, 1995.

RECORDS AVAILABLE 1990, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1995	115.82	MAR. 13, 1996	108.79	APR. 22, 1996	108.44	JULY 10, 1996	102.59

302543091015001 LOCAL WELL NUMBER: EB-1264

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 20, T. 7S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 498 FT, SCREENED 488-498. MP TOP OF 2-IN. COLLAR, AT LSD.

LSD 38 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 33.32 BELOW LSD, MAY 22, 1995,

LOWEST WATER LEVEL 40.85 BELOW LSD, JULY 8, 1996.

RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 9, 1995	39.63	MAR. 11, 1996	34.89	APR. 25, 1996	34.48	JULY 8, 1996	40.85
OCT. 31	37.47						

EAST CARROLL PARISH

324040091110801 LOCAL WELL NUMBER: EC-55

OWNER: ELTON FORTENBERRY. (SEC. 38, T. 20N., R. 12E.) DRILLED IRRIGATION SEMI-ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN., DEPTH 114 FT, SCREENED 74-114. MP TOP OF CASING, 0.50 FT ABOVE LSD.

LSD 97 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 0.26 BELOW LSD, MAY 16, 1973,

LOWEST WATER LEVEL 29.63 BELOW LSD, JUNE 22, 1964.

RECORDS AVAILABLE 1955, 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	15.85	JAN. 9, 1996	19.29	MAY 15, 1996	16.73	JULY 16, 1996	12.18

EAST FELICIANA PARISH

305144091010901 LOCAL WELL NUMBER: EF-61

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 IN., REPORTED DEPTH 305 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/2-IN. HOLE IN COVER, 1.00 FT ABOVE LSD.

LSD 210 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 63.76 BELOW LSD, MAY 16, 1961,

LOWEST WATER LEVEL 88.69 BELOW LSD, SEP. 15, 1992.

RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	79.74	FEB. 22, 1996	80.50	APR. 19, 1996	80.15	JULY 11, 1996	80.78

GROUND-WATER LEVELS

EAST FELICIANA PARISH-Continued

304959091093001 LOCAL WELL NUMBER: EF-185

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 45, T. 2S., R. 1E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 14 TO 12 TO 10 IN., REPORTED DEPTH 1,514 FT, SCREENED 1,469-1,514. MP LOWER EDGE OF 1-IN. ACCESS PIPE, 1.48 FT ABOVE LSD.
 LSD 228 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 118.54 BELOW LSD, MAY 16, 1961,
 LOWEST WATER LEVEL 216.95 BELOW LSD, FEB. 19, 1991.
 RECORDS AVAILABLE 1961-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	199.12	FEB. 22, 1996	200.82	APR. 29, 1996	200.38	JULY 24, 1996	202.21

304309091083201 LOCAL WELL NUMBER: EF-223

OWNER: TOWN OF SLAUGHTER. (SEC. 7, T. 4S., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 TO 6 IN., DEPTH 2,000 FT, SCREENED 1,935-2,000. MP TOP OF GALVANIZED TEE, 2.63 FT ABOVE LSD.
 LSD 135 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 100.85 BELOW LSD, JULY 21, 1983,
 LOWEST WATER LEVEL 141.72 BELOW LSD, FEB. 11, 1991.
 RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1996	124.50	FEB. 22, 1996	124.51	APR. 29, 1996	124.56	JULY 23, 1996	126.53

EVANGELINE PARISH

304120092263001 LOCAL WELL NUMBER: EV-229

OWNER: CHESTLEY FONTENOT. (SEC. 25, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 12 IN., DEPTH 231 FT, SCREENED 149-231. MP FLOOR OF SHELTER HOUSE, 0.85 FT ABOVE LSD.
 LSD 65.66 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 45.52 BELOW LSD, APR. 18, 1951,
 LOWEST WATER LEVEL 108.82 BELOW LSD, MAY 31, 1996.
 RECORDS AVAILABLE 1948-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	93.40	JAN. 5, 1996	87.73	MAR. 31, 1996	97.90	JULY 5, 1996	101.13
OCT. 10	93.18	JAN. 10	87.63	APR. 5	99.12	JULY 10	103.58
OCT. 15	91.88	JAN. 15	87.55	APR. 10	100.74H	JULY 15	101.55
OCT. 20	91.66	JAN. 20	87.72	APR. 15	99.26	JULY 20	99.46
OCT. 24	91.38H	JAN. 25	87.56	APR. 20	97.60	JULY 25	97.80
OCT. 25	91.18	JAN. 31	87.04	APR. 25	97.61	JULY 30	96.03H
OCT. 31	90.43	FEB. 5	87.32	APR. 30	102.21	AUG. 5	95.38
NOV. 5	90.55	FEB. 6	87.19H	MAY 5	103.99	AUG. 8	94.79H
NOV. 10	90.89	FEB. 10	86.66	MAY 10	105.19	AUG. 10	94.47
NOV. 15	90.41	FEB. 15	86.31	MAY 15	104.57	AUG. 15	93.97
NOV. 20	89.79	FEB. 19	85.99J	MAY 20	105.38	AUG. 20	93.53
NOV. 25	89.47	FEB. 20	86.14	MAY 25	107.50	AUG. 25	93.04
NOV. 30	89.05	FEB. 25	87.25	MAY 31	108.82	AUG. 31	92.42
DEC. 5	89.58	FEB. 29	89.11	JUN 5	105.31	SEP. 5	92.05
DEC. 10	89.85	MAR. 5	95.28	JUN 10	102.71	SEP. 10	91.82
DEC. 15	89.02	MAR. 10	99.26	JUN 15	101.58	SEP. 15	91.38
DEC. 20	88.61	MAR. 15	98.50	JUN 20	99.80	SEP. 20	91.22
DEC. 25	88.52	MAR. 20	102.23	JUN 25	98.69	SEP. 25	91.13
DEC. 31	87.81	MAR. 25	99.95	JUN 30	98.32	SEP. 30	91.09

See footnotes at end of table.

GROUND-WATER LEVELS

FRANKLIN PARISH

320941091411301 LOCAL WELL NUMBER: FR-720

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 30, T. 14N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 100 FT, SCREENED 97-100. MP TOP OF CASING, 4.00 FT ABOVE LSD.

LSD 75 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 17.39 BELOW LSD, MAR. 9, 1995,

LOWEST WATER LEVEL 18.46 BELOW LSD, JAN. 25, 1990.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1996	18.09	SEP. 12, 1996	18.36				

320958091425501 LOCAL WELL NUMBER: FR-721

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 25, T. 14N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 77 FT, SCREENED 72-77. MP TOP OF CASING, 2.10 FT ABOVE LSD.

LSD 65 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 7.16 BELOW LSD, MAY 9, 1991,

LOWEST WATER LEVEL 11.60 BELOW LSD, AUG. 20, 1990.

RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	10.83	JAN. 2, 1996	10.63H	APR. 10, 1996	10.82	JULY 5, 1996	10.84
OCT. 10	10.86	JAN. 5	10.74	APR. 15	10.49	JULY 10	10.96
OCT. 15	10.88	JAN. 10	10.57	APR. 20	10.69	JULY 15	10.99
OCT. 19	10.99H	JAN. 15	10.73	APR. 24	9.66J	JULY 16	11.01H
OCT. 20	11.01	JAN. 20	10.79	APR. 25	9.75	JULY 20	11.02
OCT. 24	11.04J	JAN. 25	10.47	APR. 30	10.37	JULY 25	11.05
OCT. 25	11.04	JAN. 27	10.20J	MAY 5	10.48	JULY 31	11.10
OCT. 31	11.00	JAN. 31	10.46	MAY 10	10.49	AUG. 5	10.94
NOV. 5	10.93	FEB. 5	10.42	MAY 15	10.63	AUG. 10	11.10
NOV. 10	10.90	FEB. 10	10.53	MAY 20	10.71	AUG. 15	11.12
NOV. 15	10.88	FEB. 15	10.66	MAY 21	10.83J	AUG. 20	11.17
NOV. 20	10.86	FEB. 20	10.68	MAY 25	10.72	AUG. 25	11.20
NOV. 25	10.88	FEB. 25	10.72	MAY 31	9.86	AUG. 31	11.20
NOV. 30	10.89	FEB. 29	10.76	JUNE 5	10.44	SEP. 5	11.20
DEC. 5	10.86	MAR. 5	10.74	JUNE 10	10.59	SEP. 10	11.27
DEC. 10	10.88	MAR. 10	10.81	JUNE 15	10.58	SEP. 12	11.32H
DEC. 15	10.89	MAR. 15	10.79	JUNE 20	10.63	SEP. 15	11.33
DEC. 19	10.23J	MAR. 20	10.83H	JUNE 25	10.70	SEP. 20	11.33
DEC. 20	10.37	MAR. 25	10.83	JUNE 30	10.74	SEP. 25	11.33
DEC. 25	10.73	MAR. 31	10.80	JULY 1	10.75J	SEP. 30	11.33
DEC. 31	10.82	APR. 5	10.81				

See footnotes at end of table.

GROUND-WATER LEVELS

GRANT PARISH

312703092224801 LOCAL WELL NUMBER: G-127B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 6N., R. 1E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 97 FT, SCREENED 93-97. MP TOP OF CASING, 1.00 FT ABOVE LSD.

LSD 231.36 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 66.31 BELOW LSD, JULY 23, 1980,

LOWEST WATER LEVEL 72.43 BELOW LSD, JAN. 25, 1972.

RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	67.60	JAN. 12, 1996	68.11	MAY 17, 1996	68.15	JULY 15, 1996	68.29

IBERIA PARISH

300035091443301 LOCAL WELL NUMBER: I-93

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 5, T. 12S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 585 FT, SCREENED 580-585. MP TOP OF 2-IN. CASING, 3.00 FT ABOVE LSD.

LSD 18.53 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 14.55 BELOW LSD, DEC. 7, 1993,

LOWEST WATER LEVEL 22.11 BELOW LSD, NOV. 4, 1974.

RECORDS AVAILABLE 1965-83, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	18.84	MAR. 29, 1996	17.89	AUG. 9, 1996	18.14	SEP. 17, 1996	18.05
FEB. 6, 1996	18.06						

IBERVILLE PARISH

301227091101301 LOCAL WELL NUMBER: IB-106

OWNER: J SUPPLES & SONS MERCANTILE CO. (SEC. 37, T. 10S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN., DEPTH 608 FT, SCREENED 588-608. MP TOP EDGE OF 1/2-IN. VALVE, AT LSD.

LSD 18.94 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 7.45 ABOVE LSD, JUNE 9, 1995,

LOWEST WATER LEVEL 11.42 BELOW LSD, NOV. 27, 1989.

RECORDS AVAILABLE 1959-60, 1964, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	9.14	MAR. 8, 1996	6.02	MAY 25, 1996	4.00	AUG. 5, 1996	6.02

GROUND-WATER LEVELS

JACKSON PARISH

321709092452401 LOCAL WELL NUMBER: JA-49

OWNER: STONE CONTAINER CORP. (SEC. 15, T. 15N., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 12 TO 8 IN., DEPTH 570 FT, SCREENED 542-570. MP TOP OF NIPPLE IN CASING COVER PLATE, 0.20 FT ABOVE LSD.

LSD 160 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 114.16 BELOW LSD, JAN. 2, 1961,

LOWEST WATER LEVEL 204.42 BELOW LSD, OCT. 6, 1995.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	204.42	JAN. 4, 1996	188.41	MAY 14, 1996	173.13	JULY 18, 1996	200.35

322357092341701 LOCAL WELL NUMBER: JA-147

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 4, T. 16N., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 703 FT, SCREENED 693-703. MP TOP OF CASING, 3.00 FT ABOVE LSD.

LSD 220 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 209.06 BELOW LSD, MAY 14, 1975,

LOWEST WATER LEVEL 246.46 BELOW LSD, SEP. 30, 1996.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1995	244.75	JAN. 31, 1996	245.31	MAY 1, 1996	245.29	AUG. 1, 1996	245.95
OCT. 31	245.29	FEB. 29	245.26	MAY 31	245.61	AUG. 30	246.24
NOV. 30	245.62	MAR. 29	245.15	JULY 3	245.70	SEP. 30	246.46
JAN. 2	245.12						

JEFFERSON PARISH

295739090094601 LOCAL WELL NUMBER: JF-156

OWNER: JEFFERSON PARISH CONSOLIDATED WATER DISTRICT. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 4 IN., DEPTH 780 FT, SCREENED 660-780. MP TOP OF 4-IN. PLASTIC LINER, 2.05 FT ABOVE LSD.

LSD 9 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 61.22 BELOW LSD, MAY 9, 1996,

LOWEST WATER LEVEL 94.34 BELOW LSD, NOV. 11, 1975.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	64.22	FEB. 26, 1996	61.94	MAY 9, 1996	61.22	AUG. 5, 1996	65.91

300222090144601 LOCAL WELL NUMBER: JF-178

OWNER: JEFFERSON PARISH DRAINAGE DISTRICT. (SEC. 37, T. 12S., R. 9E.) DRILLED INDUSTRIAL COOLING SUPPLY WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 6 TO 4 IN., DEPTH 700 FT, SCREENED 660-700. MP HOLE IN SANITARY SEAL ON 2-IN. CASING, 1.0 FT ABOVE LSD.

LSD AT SEA LEVEL.

HIGHEST WATER LEVEL 22.30 BELOW LSD, AUG. 6, 1996,

LOWEST WATER LEVEL 35.00 BELOW LSD, MAY 31, 1984.

RECORDS AVAILABLE 1984, 1987, 1993, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 13, 1996	22.55	AUG. 6, 1996	22.30				

GROUND-WATER LEVELS

JEFFERSON PARISH-Continued

300223090144601 LOCAL WELL NUMBER: JF-186

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 37, T. 12S., R. 9E.) DRILLED UNUSED OBSERVATION WELL IN THE NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN., DEPTH 325 FT, SCREENED 315-325. MP TOP OF 2-IN. PIPE, 4.10 FT ABOVE LSD.

LSD 5.0 FT BELOW SEA LEVEL.

HIGHEST WATER LEVEL 3.18 ABOVE LSD, AUG. 6, 1996,

LOWEST WATER LEVEL 1.44 BELOW LSD, JAN. 20, 1987.

RECORDS AVAILABLE 1987, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1987	1.44	AUG. 6, 1996	+3.18				

JEFFERSON DAVIS PARISH

301355092463001 LOCAL WELL NUMBER: JD-9

OWNER: WELSH CANAL CO. (SEC. 34, T. 9S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN., DEPTH 318 FT, SCREENED 238-318. MP LOWER EDGE OF DISCHARGE PIPE, 4.55 FT ABOVE LSD.

LSD 24.1 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943,

LOWEST WATER LEVEL 95.00 BELOW LSD, JULY 21, 1980.

RECORDS AVAILABLE 1938-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	63.58	FEB. 5, 1996	58.00	APR. 10, 1996	65.98	AUG. 7, 1996	69.40

301300092584503 LOCAL WELL NUMBER: JD-485A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 4, T. 10S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN., DEPTH 290 FT, SCREENED 270-290. MP HOLE IN SHELTER FLOOR, 3.00 FT ABOVE LSD.

LSD 21.36 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 46.91 BELOW LSD, APR. 7, 1992,

LOWEST WATER LEVEL 107.41 BELOW LSD, JULY 19, 1980.

RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	58.61	DEC. 10, 1995	54.74	MAR. 10, 1996	60.74	MAY 15, 1996	79.52
OCT. 10	58.18	DEC. 15	54.50	MAR. 15	61.46	JUNE 25	76.32
OCT. 15	57.87	DEC. 20	53.88	MAR. 20	66.53	JUNE 30	72.87
OCT. 20	58.40	DEC. 25	53.64	MAR. 25	71.91	JULY 5	71.81
OCT. 23	58.30H	DEC. 31	53.33	MAR. 31	69.12	JULY 10	85.98
OCT. 25	58.14	JAN. 5, 1996	53.09	APR. 5	75.08	JULY 15	82.36
OCT. 31	58.05	JAN. 10	52.81	APR. 9	68.48	JULY 20	74.73
NOV. 5	57.66	JAN. 15	52.51	APR. 10	69.32	JULY 25	71.37
NOV. 8	57.16H	JAN. 20	52.34	APR. 15	75.67	JULY 31	68.94
NOV. 10	56.77	JAN. 25	52.12	APR. 20	71.36	AUG. 7	66.83H
NOV. 15	56.34	JAN. 31	51.78	APR. 25	69.22	SEP. 15	58.47
NOV. 20	56.07	FEB. 2	51.69J	APR. 30	71.89	SEP. 20	58.33
NOV. 25	55.80	FEB. 5	51.74H	MAY 5	79.34	SEP. 25	57.71
NOV. 30	56.41	FEB. 29	53.94	MAY 10	84.71J	SEP. 26	59.15H
DEC. 5	55.06	MAR. 5	60.48	MAY 13	82.06H	SEP. 30	56.85

See footnotes at end of table.

GROUND-WATER LEVELS

JEFFERSON DAVIS PARISH-Continued

301356092462701 LOCAL WELL NUMBER: JD-773

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 34, T. 9S., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN., DEPTH 666 FT, SCREENED 656-666. MP TOP OF 4-IN. CASING, 3.20 ABOVE LSD.

LSD 22 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 54.42 BELOW LSD, APR. 4, 1990,

LOWEST WATER LEVEL 66.18 BELOW LSD, AUG. 7, 1996.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1995	60.57	FEB. 5, 1996	56.60	APR. 10, 1996	60.84	AUG. 7, 1996	66.18

LAFAYETTE PARISH

301426092000601 LOCAL WELL NUMBER: LF-662

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 100, T. 9S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 152 FT, SCREENED 146-152. MP TOP OF CASING, 0.29 FT ABOVE LSD.

LSD 40.37 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 41.48 BELOW LSD, JAN. 27, 1994,

LOWEST WATER LEVEL 47.17 BELOW LSD, OCT. 20, 1981.

RECORDS AVAILABLE 1981-85, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	44.98	FEB. 7, 1996	43.95	APR. 10, 1996	43.76	AUG. 8, 1996	45.33

LASALLE PARISH

315444092122801 LOCAL WELL NUMBER: LA-254A

OWNER: CITY OF OLLA. (SEC. 30, T. 11N., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE COCKFIELD AQUIFER OF EOCENE AGE, DIAM 10 TO 6 IN., DEPTH 510 FT, SCREENED 450-510. MP TOP OF 2-IN. ACCESS PIPE, 0.50 FT ABOVE LSD.

LSD 160 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 74.00 BELOW LSD, APR. 12, 1993,

LOWEST WATER LEVEL 82.16 BELOW LSD, JUNE 21, 1990.

RECORDS AVAILABLE 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	78.37	JAN. 4, 1996	77.37	MAY 17, 1996	78.44	JULY 15, 1996	78.54
OCT. 18	78.89						

See footnotes at end of table.

GROUND-WATER LEVELS

LINCOLN PARISH

324141092390501 LOCAL WELL NUMBER: L-26

OWNER: TOWN OF DUBACH. (SEC. 26, T. 20N., R. 3W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA AQUIFER OF EOCENE AGE, DIAM 10 TO 6 IN., DEPTH 686 FT, SCREENED 633-686. MP TOP OF 3/4-IN. HOLE IN PLATE, 2.00 FT ABOVE LSD. LSD 155 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 95.20 BELOW LSD, APR. 22, 1950,

LOWEST WATER LEVEL 179.97 BELOW LSD, MAY 14, 1996.

RECORDS AVAILABLE 1950, 1962, 1967-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	179.29	FEB. 29, 1996	179.87	MAY 14, 1996	179.97	JULY 17, 1996	179.93

LIVINGSTON PARISH

303034090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., REPORTED DEPTH 1,865 FT, SCREENED 1,825-1,865. MP CENTER LINE OF 3/4-IN. TEE, 1.20 FT ABOVE LSD.

LSD 46 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 116.20 ABOVE LSD, NOV. 30, 1950,

LOWEST WATER LEVEL 41.20 ABOVE LSD, OCT. 18, 1982.

RECORDS AVAILABLE 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	+46.70	MAR. 1, 1996	+47.50	MAY 1, 1996	+47.20	JULY 16, 1996	+43.80

302956090504601 LOCAL WELL NUMBER: LI-113

OWNER: W.K. COBURN. (SEC. 30, T. 6S., R. 4E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 3 IN., REPORTED DEPTH 1,300 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF COLLAR ABOVE VALVE, 1.50 FT ABOVE LSD.

LSD 48 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 10.98 BELOW LSD, APR. 14, 1967,

LOWEST WATER LEVEL 20.00 BELOW LSD, APR. 12, 1989.

RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	18.48	MAR. 1, 1996	18.43	MAY 1, 1996	18.36	JULY 16, 1996	18.89

See footnotes at end of table.

GROUND-WATER LEVELS

LIVINGSTON PARISH-Continued

302450090355601 LOCAL WELL NUMBER: LI-122

OWNER: BLOOD RIVER CHURCH OF GOD. (SEC. 45, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/2 IN., REPORTED DEPTH 500 FT, SCREENED 490-500. MP TOP EDGE OF 3/4-IN. NIPPLE, 0.50 FT ABOVE LSD.
 LSD 11 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 13.40 ABOVE LSD, JULY 15, 1966,
 LOWEST WATER LEVEL 2.09 ABOVE LSD, NOV. 1, 1989.
 RECORDS AVAILABLE 1966, 1984, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	+2.60	MAY 3, 1996	+6.00	JUNE 21, 1996	+5.00	JULY 29, 1996	+5.40
MAR. 11, 1996	+5.20						

302724090565801 LOCAL WELL NUMBER: LI-185

OWNER: CITY OF DENHAM SPRINGS. (SEC. 38, T. 7S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 14 TO 12 TO 8 IN., DEPTH 2,611 FT, SCREENED 2,531-2,611. MP BOTTOM LIP OF VENT ELBOW, 1.60 FT ABOVE LSD.
 LSD 37 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 41.14 BELOW LSD, FEB. 3, 1989,
 LOWEST WATER LEVEL 60.95 BELOW LSD, NOV. 9, 1992.
 RECORDS AVAILABLE 1979, 1983, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	59.98	MAR. 11, 1996	57.39	MAY 1, 1996	53.77	JULY 16, 1996	60.84

MADISON PARISH

3226140911322001 LOCAL WELL NUMBER : MA-64

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 23, T. 17N., R. 12E.) BORED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 117 FT, SCREENED 112-117. MP TOP OF CASING, AT LSD.
 LSD 80 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 5.40 BELOW LSD, APR. 23, 1991,
 LOWEST WATER LEVEL 16.01 BELOW LSD, JUNE 8, 1988.
 RECORDS AVAILABLE 1975, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	13.27	MAR. 20, 1996	11.12	JULY 16, 1996	11.05	SEP. 12, 1996	11.91
JAN. 9, 1996	11.92	MAY 15	9.37				

322428091130201 LOCAL WELL NUMBER: MA-65

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 34, T. 17N., R. 12E.) BORED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 119 FT, SCREENED 114-119. MP TOP OF CASING, 0.60 ABOVE LSD.
 LSD 78 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 4.96 BELOW LSD, MAR. 22, 1994,
 LOWEST WATER LEVEL 12.20 BELOW LSD, SEP. 7, 1995.
 RECORDS AVAILABLE 1975, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1996	8.04	SEP. 12, 1996	8.84				

See footnotes at end of table.

GROUND-WATER LEVELS

MOREHOUSE PARISH

324626091543901 LOCAL WELL NUMBER: MO-5

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 10 IN., DEPTH 860 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF NIPPLE IN METAL COVER PLATE, 1.60 FT ABOVE LSD.

LSD 117.44 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 143.59 BELOW LSD, JUNE 6, 1989,

LOWEST WATER LEVEL 204.74 BELOW LSD, JUNE 3, 1981.

RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1996	155.44	MAR. 26, 1996	152.70	MAY 18, 1996	156.81	JULY 17, 1996	156.26

323806091530401 LOCAL WELL NUMBER: MO-67

OWNER: D.W. PIPES. (SEC. 17, T. 19N., R. 6E.) DRILLED UNUSED WATER-TABLE WELL IN THE ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN., DEPTH 81 FT, SCREENED 71-81. MP TOP OF CASING, 7.90 FT ABOVE LSD.

LSD 73.51 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 1.59 BELOW LSD, DEC. 19, 1961,

LOWEST WATER LEVEL 23.88 BELOW LSD, SEP. 1, 1982.

RECORDS AVAILABLE 1953-77, 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1996	12.39	FEB. 29, 1996	11.62	MAY 15, 1996	9.56	JULY 17, 1996	12.60

324753091471201 LOCAL WELL NUMBER: MO-342

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 19, T. 21N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 620 FT, SCREENED 610-620. MP TOP OF BUSHING, 3.68 FT ABOVE LSD.

LSD 88.34 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 86.75 BELOW LSD, SEP. 3, 1991,

LOWEST WATER LEVEL 103.30 BELOW LSD, AUG. 20, 1981.

RECORDS AVAILABLE 1968-81, 1985-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 19, 1996	89.19	SEP. 11, 1996	90.05				

324753091471202 LOCAL WELL NUMBER: MO-343

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 19, T. 21N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 176 FT, SCREENED 166-176. MP TOP OF BUSHING, 3.72 FT ABOVE LSD.

LSD 88.41 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 0.50 BELOW LSD, MAY 13, 1975,

LOWEST WATER LEVEL 13.79 BELOW LSD, AUG. 26, 1981.

RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	11.58	JAN. 9, 1996	9.84	MAY 15, 1996	6.61	JULY 17, 1996	12.54

324647091543806 LOCAL WELL NUMBER: MO-657

OWNER: THE PEOPLES WATER SERVICE CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN., DEPTH 97 FT, SCREENED 57-97. MP TOP OF CASING, 2.90 FT ABOVE LSD.

LSD 126.64 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 53.20 BELOW LSD, JAN. 9, 1996,

LOWEST WATER LEVEL 60.00 BELOW LSD, JUNE 7, 1985.

RECORDS AVAILABLE 1985-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1996	53.20	MAR. 26, 1996	53.49	MAY 18, 1996	53.42	JULY 17, 1996	53.94

GROUND-WATER LEVELS

MOREHOUSE PARISH-Continued

325356091344801 LOCAL WELL NUMBER: MO-708

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 18, T. 22N., R. 9E.) DRILLED OBSERVATION WELL IN THE COCKFIELD AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN., DEPTH 376 FT, SCREENED 246-256 AND 266-276. MP TOP OF CASING, AT LSD.
LSD 96 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 26.28 BELOW LSD, APR. 5, 1993.

LOWEST WATER LEVEL 31.08 BELOW LSD, OCT. 19, 1995.

RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	31.08	JAN. 9, 1996	30.00	MAY 15, 1996	29.08	JULY 17, 1996	30.87

325826091280401 LOCAL WELL NUMBER: MO-710

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 17, T. 23N., R. 10E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN., DEPTH 130 FT, SCREENED 120-130. MP TOP OF CASING, AT LSD.
LSD 99 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 12.29 BELOW LSD, SEP. 3, 1991.

LOWEST WATER LEVEL 16.34 BELOW LSD, SEP. 11, 1996.

RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 19, 1996	15.49	SEP. 11, 1996	16.34				

325359091344802 LOCAL WELL NUMBER: MO-842

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 18, T. 22N., R. 9E.) DRILLED OBSERVATION WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 90 FT, SCREENED 88-90. MP TOP OF BUSHING, AT LSD.
LSD 96 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 30.49 BELOW LSD, JULY 1, 1992.

LOWEST WATER LEVEL 35.38 BELOW LSD, SEP. 11, 1996.

RECORDS AVAILABLE 1992-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	34.57	MAR. 19, 1996	33.83	JULY 17, 1996	34.96	SEP. 11, 1996	35.38
JAN. 9, 1996	34.19	MAY 15	33.45				

NATCHITOCHES PARISH

312934093114801 LOCAL WELL NUMBER: NA-9

OWNER: U.S. FOREST SERVICE. (SEC. 21, T. 6N., R. 8W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE COCKFIELD AQUIFER OF EOCENE AGE, DIAM 4 IN., DEPTH 1,300 FT, SCREENED 1,200-1,300. MP TOP OF SANITARY SEAL, 1.70 FT ABOVE LSD.
LSD 185 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 5.34 ABOVE LSD, OCT. 6, 1993.

LOWEST WATER LEVEL 9.46 BELOW LSD, OCT. 22, 1992.

RECORDS AVAILABLE 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	8.15	JAN. 23, 1996	7.45	JUNE 13, 1996	7.62	JULY 17, 1996	7.78

GROUND-WATER LEVELS

NATCHITOCHES PARISH

313918093023101

LOCAL WELL NUMBER: NA-284

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 42, T. 8N., R. 7W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 72 FT, SCREENED 69-72. MP TOP OF CASING, 2.40 FT ABOVE LSD.

LSD 102.59 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 0.36 ABOVE LSD, AUG. 22, 1969,

LOWEST WATER LEVEL 13.71 BELOW LSD, OCT. 1, 1956.

RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1995	9.75	JAN. 16, 1996	8.36	FEB. 28, 1996	9.18	APR. 9, 1996	9.18
NOV. 28	10.04						

ORLEANS PARISH

295652090020101

LOCAL WELL NUMBER: OR-42

OWNER: U.S. NAVY. (SEC. 16, T. 13S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN., REPORTED DEPTH 775 FT, SCREENED 664-775. MP NOTCH IN WOODEN PLAT-FORM OVER WELL CASING, 1.00 FT ABOVE LSD.

LSD 10 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942,

LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.

RECORDS AVAILABLE 1942, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	73.95	DEC. 15, 1995	73.23	FEB. 20, 1996	69.23	APR. 20, 1996	69.19
OCT. 10	74.06	DEC. 20	73.11	FEB. 25	69.16	APR. 25	69.27
OCT. 15	73.73	DEC. 25	72.73	FEB. 26	69.18H	APR. 30	69.45
OCT. 20	74.13	DEC. 31	72.26	FEB. 29	69.36	MAY 5	69.69
OCT. 25	73.81	JAN. 5, 1996	72.06	MAR. 5	69.24	MAY 8	69.93H
OCT. 31	73.43	JAN. 10	71.58	MAR. 10	69.33	MAY 10	69.96
NOV. 5	73.34	JAN. 15	71.15	MAR. 15	68.92	MAY 15	70.55
NOV. 10	73.23	JAN. 20	71.13	MAR. 20	69.03	MAY 20	70.97
NOV. 15	73.89	JAN. 25	70.59	MAR. 25	69.12	MAY 25	71.68
NOV. 20	72.43	JAN. 31	70.04	MAR. 31	68.98	MAY 31	71.92
NOV. 25	72.32	FEB. 5	69.83	APR. 5	69.04	JUNE 5	72.05
NOV. 30	73.01H	FEB. 10	69.55	APR. 10	69.01	JUNE 10	72.04
DEC. 5	73.33	FEB. 13	68.56J	APR. 15	68.81	AUG. 1	75.06H
DEC. 10	73.09	FEB. 15	68.91				

300525089464001

LOCAL WELL NUMBER: OR-175

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 38, T. 11S., R. 14E.) DRILLED OBSERVATION ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 449 FT, SCREENED 439-449. MP TOP OF 2-IN. PIPE, 1.67 FT ABOVE LSD.

LSD 10 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963,

LOWEST WATER LEVEL 38.72 BELOW LSD, JULY 1, 1994.

RECORDS AVAILABLE 1963, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1996	36.97	MAY 21, 1996	36.20	JULY 22, 1996	36.84		

See footnotes at end of table.

GROUND-WATER LEVELS

ORLEANS PARISH-Continued

300959089441901 LOCAL WELL NUMBER: OR-179

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 19, T. 10S., R. 15E.) DRILLED OBSERVATION ARTESIAN WELL IN THE ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN., DEPTH 2,434 FT, SCREENED 2,429-2,434. MP CENTER LINE OF DISCHARGE PIPE, 2.90 FT ABOVE LSD.
 LSD 4 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 107.20 ABOVE LSD, NOV. 10, 1965,
 LOWEST WATER LEVEL 50.10 ABOVE LSD, NOV. 30, 1995.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 30, 1995	+50.10	MAR. 4, 1996	+54.40	MAY 8, 1996	+53.20	JULY 22, 1996	+51.90

300349089562401 LOCAL WELL NUMBER: OR-203

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 30, T. 11S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 453 FT, SCREENED 448-453. MP TOP OF 2-IN. CASING, 0.50 FT ABOVE LSD.
 LSD 5 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 58.42 BELOW LSD, FEB. 5, 1993,
 LOWEST WATER LEVEL 81.72 ABOVE LSD, SEP. 29, 1981.
 RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 21, 1996	64.14	SEP. 25, 1996	70.53				

300149090041701 LOCAL WELL NUMBER: OR-214

OWNER: UNIV. OF NEW ORLEANS. (SEC. 108, T. 12S., R. 11E.) DRILLED AIR CONDITIONING SUPPLY ARTESIAN WELL IN THE GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 12 3/4 IN., DEPTH 630 FT, SCREENED 527-630. MP TOP OF 3-IN. PVC CONDUIT, 2.00 FT BELOW LSD.
 LSD 5 FT BELOW SEA LEVEL.
 HIGHEST WATER LEVEL 82.40 BELOW LSD, NOV. 30, 1995,
 LOWEST WATER LEVEL 135.00 BELOW LSD, AUG. 16, 1984.
 RECORDS AVAILABLE 1984, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 30, 1995	82.40	FEB. 26, 1996	90.96	MAY 8, 1996	105.63	AUG. 5, 1996	92.94

See footnotes at end of table.

GROUND-WATER LEVELS

OUACHITA PARISH

322843092084401

LOCAL WELL NUMBER: OU-80

OWNER: RIVERWOOD INTERNATIONAL, USA. (SEC. 10, T. 17N., R. 3E.) DRILLED INDUSTRIAL WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 16 TO 10 IN., DEPTH 721 FT, SCREENED 607-721. MP TOP OF RECORDER SHELF, 4.5 FT ABOVE LSD.

LSD 60 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 194.60 BELOW LSD, MAY 3, 1956,

LOWEST WATER LEVEL 285.35 BELOW LSD, JULY 18, 1996.

RECORDS AVAILABLE 1956, 1992-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	279.48	JAN. 5, 1996	281.37	APR. 5, 1996	279.94	JULY 10, 1996	284.49
OCT. 10	279.95	JAN. 10	276.52	APR. 10	281.19	JULY 15	282.98
OCT. 15	280.96	JAN. 15	274.76	APR. 15	282.46	JULY 18	285.35J
OCT. 20	282.61	JAN. 20	281.87	APR. 20	280.62	JULY 20	283.35
OCT. 23	282.94J	JAN. 25	282.04	APR. 25	281.86	JULY 25	284.12
OCT. 25	271.83	JAN. 31	282.77	APR. 30	279.96	JULY 31	284.42
OCT. 26	264.95J	FEB. 5	284.39	MAY 5	281.23	AUG. 5	284.21
OCT. 31	272.89	FEB. 6	284.61J	MAY 10	281.91	AUG. 7	284.11H
NOV. 5	277.58	FEB. 10	283.02	MAY 15	281.05	AUG. 10	282.93
NOV. 10	280.07	FEB. 15	280.92	MAY 17	281.26H	AUG. 15	280.96
NOV. 15	279.32	FEB. 20	282.67	MAY 20	281.54	AUG. 20	282.16
NOV. 20	281.74	FEB. 25	282.66	MAY 25	281.76	AUG. 25	282.46
NOV. 25	279.27	FEB. 29	283.43H	MAY 31	282.46	AUG. 28	276.72J
NOV. 30	270.64	MAR. 5	282.24	JUNE 5	283.44	AUG. 31	281.57
DEC. 5	278.54	MAR. 10	280.85	JUNE 10	284.67	SEP. 5	280.96
DEC. 10	280.95	MAR. 15	280.93	JUNE 15	284.40	SEP. 10	280.31
DEC. 15	280.10	MAR. 20	281.96	JUNE 19	285.20J	SEP. 15	283.29
DEC. 20	273.51	MAR. 25	279.62	JUNE 20	284.98	SEP. 20	284.66
DEC. 25	275.42	MAR. 29	272.00J	JUNE 25	284.40	SEP. 25	281.43
DEC. 31	279.10	MAR. 31	277.57	JUNE 30	282.46	SEP. 30	282.73
JAN. 2, 1996	280.59H	APR. 2	275.44J	JULY 5	283.78		

322422092020701

LOCAL WELL NUMBER: OU-401A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 2, T. 16N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 397 FT, SCREENED 389-397. MP TOP OF CASING, 3.89 FT ABOVE LSD.

LSD 62.28 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 70.11 BELOW LSD, APR. 27, 1967,

LOWEST WATER LEVEL 106.23 BELOW LSD, SEP. 13, 1996.

RECORDS AVAILABLE 1965-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1996	104.93	SEP. 13, 1996	106.23				

321714092041401

LOCAL WELL NUMBER: OU-402

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 16, T. 15N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 750 FT, SCREENED 740-750. MP TOP OF BUSHING, 0.25 FT ABOVE LSD.

LSD 63.3 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 37.01 BELOW LSD, JULY 5, 1965,

LOWEST WATER LEVEL 54.65 BELOW LSD, SEP. 16, 1996.

RECORDS AVAILABLE 1965-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1996	54.54	SEP. 16, 1996	54.65				

See footnotes at end of table.

GROUND-WATER LEVELS

OUACHITA PARISH-Continued

321714092041402 LOCAL WELL NUMBER: OU-403

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 16, T. 15N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 460 FT, SCREENED 453-460. MP TOP OF BUSHING, 0.35 FT ABOVE LSD.
 LSD 63.3 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 40.71 BELOW LSD, SEP. 13, 1967,
 LOWEST WATER LEVEL 64.15 BELOW LSD, SEP. 16, 1996.
 RECORDS AVAILABLE 1965-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1995	63.82	SEP. 16, 1996	64.15				

322531092053901 LOCAL WELL NUMBER: OU-405

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 30, T. 17N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 775 FT, SCREENED 770-775. MP TOP OF CASING, 3.78 FT ABOVE LSD.
 LSD 66.66 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 91.89 BELOW LSD, JULY 19, 1968,
 LOWEST WATER LEVEL 128.47 BELOW LSD, SEP. 13, 1996.
 RECORDS AVAILABLE 1965-71, 1974-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1996	127.51	SEP. 13, 1996	128.47				

323100092165802 LOCAL WELL NUMBER: OU-444

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 29, T. 18N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 670 FT, SCREENED 660-670. MP TOP OF CASING, 3.60 FT ABOVE LSD.
 LSD 118 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 171.15 BELOW LSD, AUG. 20, 1969,
 LOWEST WATER LEVEL 228.74 BELOW LSD, AUG. 7, 1996.
 RECORDS AVAILABLE 1969-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 4, 1996	227.60	FEB. 29, 1996	226.82	MAY 23, 1996	227.39	AUG. 7, 1996	228.74

POINTE COUPEE PARISH

304939091422101 LOCAL WELL NUMBER: PC-39

OWNER: C. FLINT. (SEC. 13, T. 3S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN., REPORTED DEPTH 460 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF BELL REDUCER, 1.30 FT ABOVE LSD.
 LSD 41 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 3.19 ABOVE LSD, MAY 23, 1973,
 LOWEST WATER LEVEL 26.64 BELOW LSD, DEC. 4, 1963.
 RECORDS AVAILABLE 1951, 1961, 1963-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	20.97	FEB. 16, 1996	15.63	APR. 30, 1996	14.30	JULY 26, 1996	14.19

GROUND-WATER LEVELS

POINTE COUPEE PARISH-Continued

03556091234001

LOCAL WELL NUMBER: PC-66

OWNER: MRS. ST. GEORGE HINES. (SEC. 48, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN., REPORTED DEPTH 1,530 FT, SCREENED 1,490-1,530. MP HOLE IN SANITARY SEAL, 2.12 FT ABOVE LSD.

LSD 33 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 20.10 ABOVE LSD, FEB. 2, 1961,

LOWEST WATER LEVEL 64.42 BELOW LSD, DEC. 6, 1990.

RECORDS AVAILABLE 1961-63, 1964-69, 1970-71, 1988, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	56.05	FEB. 16, 1996	58.98	APR. 30, 1996	58.51	JULY 26, 1996	58.51

303402091325501

LOCAL WELL NUMBER: PC-70

OWNER: LIVONIA, LA. (SEC. 16, T. 6S., R. 9E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN., REPORTED DEPTH 2,294 FT, SCREENED 2,259-2,294. MP CENTER LINE OF DISCHARGE PIPE, 0.80 FT ABOVE LSD.

LSD 26 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 69.50 ABOVE LSD, JULY 15, 1960,

LOWEST WATER LEVEL 1.35 BELOW LSD, JUNE 26, 1996.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	0.43	FEB. 16, 1996	0.59	APR. 30, 1996	0.77	JULY 26, 1996	1.35

303357091330401

LOCAL WELL NUMBER: PC-138

OWNER: VILLAGE OF LIVONIA. (SEC. 16, T. 6S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN., REPORTED DEPTH 1,637 FT, SCREENED 1,617-1,637. MP TOP OF 3-IN COUPLING, 0.60 FT ABOVE LSD.

LSD 27 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 16.64 BELOW LSD, MAY 23, 1973,

LOWEST WATER LEVEL 39.55 BELOW LSD, NOV. 11, 1992.

RECORDS AVAILABLE 1972-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	36.19	FEB. 16, 1996	36.99	APR. 30, 1996	37.22	JULY 26, 1996	37.68

305023091393901

LOCAL WELL NUMBER: PC-143

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN., DEPTH 1,228 FT, SCREENED 1,218-1,228. MP 3/8-IN. HOLE IN 2-IN. PLUG ATOP WELL, 2.50 FT ABOVE LSD.

LSD 41 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 18.60 ABOVE LSD, APR. 17, 1968,

LOWEST WATER LEVEL 11.87 BELOW LSD, JULY 26, 1996.

RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	11.01	FEB. 16, 1996	10.11	APR. 30, 1996	10.43	JULY 26, 1996	11.87

See footnotes at end of table.

GROUND-WATER LEVELS

POINTE COUPEE PARISH-Continued

305023091393902 LOCAL WELL NUMBER: PC-144

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN., DEPTH 835 FT, SCREENED 825- 835. MP TOP EDGE OF WELL CASING, 2.10 FT ABOVE LSD.
 LSD 41 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 12.20 ABOVE LSD, APR. 17, 1968,
 LOWEST WATER LEVEL 12.54 BELOW LSD, NOV. 16, 1994.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	10.33	FEB. 16, 1996	10.26	APR. 30, 1996	10.22	JULY 26, 1996	10.23

303538091232501 LOCAL WELL NUMBER: PC-154

OWNER: ALMA PLANTATION. (SEC. 48, T. 5S., R. 11E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 12 IN., DEPTH 1,263 FT, SCREENED 1,174- 1,228 AND 1,237-1,263. MP 1/2-IN. PLUG IN SANITARY SEAL, 0.80 FT ABOVE LSD.
 LSD 36 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 37.84 BELOW LSD, AUG. 4, 1975,
 LOWEST WATER LEVEL 69.89 BELOW LSD, FEB. 20, 1990.
 RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 16, 1996	63.05	MAR. 13, 1996	52.56	APR. 30, 1996	52.14	JULY 26, 1996	52.84

303250091365001 LOCAL WELL NUMBER: PC-155

OWNER: JOHN BLANCHARD. (SEC. 31, T. 6S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., REPORTED DEPTH 990 FT, SCREENED 970-990. MP HOLE ON WEST SIDE OF SANITARY SEAL, REMOVE YELLOW BOLT, 1.0 FT ABOVE LSD.
 LSD 25 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 19.20 BELOW LSD, AUG. 8, 1975,
 LOWEST WATER LEVEL 33.50 BELOW LSD, OCT. 19, 1988.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1995	30.99	FEB. 16, 1996	31.29	APR. 30, 1996	30.93	JULY 26, 1996	31.32

RAPIDES PARISH

310928092421401 LOCAL WELL NUMBER: R-851

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 8, T. 2N., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 131 FT, SCREENED 128-131. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 220.55 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 50.44 BELOW LSD, JULY 9, 1993,
 LOWEST WATER LEVEL 56.79 BELOW LSD, APR. 6, 1973.
 RECORDS AVAILABLE 1966-86, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1995	51.40	JAN. 23, 1996	51.35	MAY 21, 1996	51.29	JULY 16, 1996	51.74

GROUND-WATER LEVELS

RAPIDES PARISH-Continued

312409092520901 LOCAL WELL NUMBER: R-879

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 22, T. 5N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA AQUIFER OF MIOCENE AGE, DIAM 2 IN., DEPTH 810 FT, SCREENED 800-810. MP TOP OF CASING, 3.90 FT ABOVE LSD.

LSD 300 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 209.43 BELOW LSD, APR. 8, 1969,

LOWEST WATER LEVEL 220.59 BELOW LSD, JULY 17, 1996.

RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1995	219.89	JAN. 22, 1996	219.93	JUNE 13, 1996	220.55	JULY 17, 1996	220.59

311159092441001 LOCAL WELL NUMBER: R-1056

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 36, T. 3N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 2 IN., DEPTH 1,555 FT, SCREENED 1,545-1,555. MP TOP OF BUSHING, 0.55 FT BELOW LSD.

LSD 240 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 157.97 BELOW LSD, MAY 9, 1977,

LOWEST WATER LEVEL 249.57 BELOW LSD, JAN. 23, 1996.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1995	245.96	JAN. 23, 1996	249.57	JUNE 13, 1996	243.94	JULY 16, 1996	244.15

310541092293601 LOCAL WELL NUMBER: R-1085B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 5, T. 1N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 2 IN., DEPTH 500 FT, SCREENED 490-500. MP TOP OF BUSHING, AT LSD.

LSD 100 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 38.60 BELOW LSD, MAY 20, 1975,

LOWEST WATER LEVEL 58.37 BELOW LSD, JULY 16, 1996.

RECORDS AVAILABLE 1975-84, 1987-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	52.86	JAN. 23, 1996	53.46	JUNE 13, 1996	58.20	JULY 16, 1996	58.37

310007092431601 LOCAL WELL NUMBER: R-1207

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 1, T. 1S., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF MIOCENE AGE, DIAM 4 TO 2 IN., DEPTH 2,772 FT, SCREENED 2,752-2,772. MP TOP OF BUSHING, 4.20 FT ABOVE LSD.

LSD 180 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 56.10 BELOW LSD, DEC. 1, 1981,

LOWEST WATER LEVEL 79.27 BELOW LSD, JULY 16, 1996.

RECORDS AVAILABLE 1981-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	77.90	JAN. 23, 1996	78.42	MAY 21, 1996	78.91	JULY 16, 1996	79.27

GROUND-WATER LEVELS

RED RIVER PARISH

320316093114201 LOCAL WELL NUMBER: RR-278

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 4, T. 12N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX AQUIFER OF EOCENE-PALEOCENE AGE, DIAM 2 IN., DEPTH 348 FT, SCREENED 338-348. MP TOP OF BUSHING, AT LSD. LSD 160 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 17.23 BELOW LSD, APR. 27, 1995,
 LOWEST WATER LEVEL 20.58 BELOW LSD, NOV. 24, 1982.
 RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	18.24	JAN. 17, 1996	18.26	MAY 14, 1996	18.33	JULY 16, 1996	18.23

320019093225603 LOCAL WELL NUMBER: RR-280

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 22, T. 12N., R. 10W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 42 FT, SCREENED 39-42. MP TOP OF CASING, 4.70 FT ABOVE LSD. LSD 128 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 1.00 BELOW LSD, JUNE 4, 1990,
 LOWEST WATER LEVEL 15.20 BELOW LSD, OCT. 16, 1984.
 RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1995	7.65	JAN. 15, 1996	6.04	APR. 2, 1996	7.23		

RICHLAND PARISH

323029091430001 LOCAL WELL NUMBER: RI-89

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 26, T. 18N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCK-FIELD AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 300 FT, SCREENED 290-300. MP TOP OF CASING, 4.20 FT ABOVE LSD. LSD 84 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 17.75 BELOW LSD, MAY 21, 1975,
 LOWEST WATER LEVEL 21.23 BELOW LSD, SEP. 10, 1969.
 RECORDS AVAILABLE 1969-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 2, 1996	19.86	FEB. 29, 1996	19.89	MAY 15, 1996	19.74	JULY 17, 1996	20.14

322706091453402 LOCAL WELL NUMBER: RI-92

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 16, T. 17N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 153 FT, SCREENED 143-153. MP TOP OF HOLE IN CASING CAP, 4.30 FT ABOVE LSD. LSD 80 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 9.08 BELOW LSD, APR. 3, 1992,
 LOWEST WATER LEVEL 13.98 BELOW LSD, NOV. 30, 1970.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	11.03	JAN. 2, 1996	11.20	MAY 15, 1996	11.30	JULY 16, 1996	11.45

GROUND-WATER LEVELS

RICHLAND PARISH-Continued

322623091294901 LOCAL WELL NUMBER: RI-112

OWNER: MRS. EMMETT REYNOLDS. (SEC. 24, T. 17N., R. 9E.) DRILLED UNUSED WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 67 FT, SCREENED 64-67. MP TOP OF CASING, 1.90 FT ABOVE LSD.
 LSD 95 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 30.19 BELOW LSD, MAY 25, 1978,
 LOWEST WATER LEVEL 35.42 BELOW LSD, SEP. 22, 1982.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1996	35.10	SEP. 13, 1996	35.32				

322636091295702 LOCAL WELL NUMBER: RI-114

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 24, T. 17N., R. 9E.) DRILLED OBSERVATION WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 66 FT, SCREENED 63-66. MP TOP OF CASING, 3.25 FT ABOVE LSD.
 LSD 95 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 30.71 BELOW LSD, MAR. 19, 1996,
 LOWEST WATER LEVEL 34.95 BELOW LSD, DEC. 4, 1972.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 19, 1996	30.71	SEP. 13, 1996	30.96				

322605091301101 LOCAL WELL NUMBER: RI-124

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 25, T. 17N., R. 9E.) BORED OBSERVATION WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 84 FT, SCREENED 81-84. MP TOP OF CASING, 1.60 FT ABOVE LSD.
 LSD 95 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 31.65 BELOW LSD, MAR. 9, 1992,
 LOWEST WATER LEVEL 34.53 BELOW LSD, SEP. 22, 1982.
 RECORDS AVAILABLE 1974-84, 1986-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 19, 1996	32.71	SEP. 13, 1996	33.02				

SABINE PARISH

313510093282101 LOCAL WELL NUMBER: SA-103

OWNER: LOUIS ALFORD. (SEC. 14, T. 7N., R. 11W.) DRILLED UNUSED ARTESIAN WELL IN THE WILCOX AQUIFER OF EOCENE-PALEOCENE AGE, DIAM 10 IN., DEPTH 170 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.80 FT ABOVE LSD.
 LSD 220 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 3.34 BELOW LSD, MAR. 21, 1961,
 LOWEST WATER LEVEL 16.93 BELOW LSD, MAR. 1, 1982.
 RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	11.91	JAN. 24, 1996	11.70	MAY 20, 1996	10.73	JULY 16, 1996	13.25

GROUND-WATER LEVELS

SABINE PARISH-Continued

312206093311001 LOCAL WELL NUMBER: SA-392

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 5N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCK-FIELD AQUIFER OF EOCENE AGE, DIAM 2 IN., DEPTH 544 FT, SCREENED 539-544. MP TOP OF CASING, 0.50 FT ABOVE LSD. LSD 242 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 23.23 BELOW LSD, APR. 19, 1995,

LOWEST WATER LEVEL 26.30 BELOW LSD, NOV. 13, 1979.

RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	23.63	JAN. 24, 1996	23.65	JUNE 13, 1996	24.10	JULY 16, 1996	24.09

ST. HELENA PARISH

305300090502701 LOCAL WELL NUMBER: SH-9

OWNER: TWO-B RANCH. (SEC. 73, T. 2S., R. 4E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN., DEPTH 2,135 FT, SCREENED 2,106-2,135. MP 3/8-IN. HOLE IN TOP OF WELL SEAL, 1.28 FT ABOVE LSD.

LSD 165 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 53.70 BELOW LSD, JUNE 25, 1960,

LOWEST WATER LEVEL 87.97 BELOW LSD, JAN. 30, 1989.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	85.90	FEB. 29, 1996	85.88	MAY 2, 1996	85.70	JULY 23, 1996	86.18

ST. JAMES PARISH

300024090433501 LOCAL WELL NUMBER: SJ-86

OWNER: RICHARD J. BRAZAN. (SEC. 20, T. 12S., R. 17E.) DRILLED UNUSED ARTESIAN WELL IN THE GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN., DEPTH 290 FT, SCREENED 280-290. MP TOP OF 2-IN. NIPPLE EXTENDING FROM TOP OF CASING COLLAR, 1.44 FT ABOVE LSD.

LSD 18.3 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 3.76 BELOW LSD, MAY 8, 1991,

LOWEST WATER LEVEL 19.00 BELOW LSD, OCT. 31, 1963.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 29, 1995	15.38	FEB. 27, 1996	12.38	MAY 16, 1996	9.02	AUG. 5, 1996	12.87

300445090520301 LOCAL WELL NUMBER: SJ-203

OWNER: RIVER ROAD FARM SUPPLY CO. (SEC. 38, T. 11S., R. 3E.) DRILLED INDUSTRIAL ARTESIAN WELL IN THE NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN., DEPTH 444 FT, SCREENED 384-444. MP TOP 1 1/2-IN. BREATHER PIPE, 0.65 FT ABOVE LSD.

LSD 19 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 2.57 BELOW LSD, MAY 8, 1991,

LOWEST WATER LEVEL 18.74 BELOW LSD, MAR. 29, 1988.

RECORDS AVAILABLE 1975, 1985-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 29, 1995	14.57	FEB. 27, 1996	11.66	MAY 7, 1996	9.39	JULY 25, 1996	10.88

GROUND-WATER LEVELS

ST. JOHN THE BAPTIST PARISH

300234090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN THE GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN., DEPTH 315 FT, SCREENED 305-315. MP TOP OF 1/4-IN. HOLE IN CAP, 2.60 FT ABOVE LSD.

LSD 17.71 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973,

LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.

RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 29, 1995	17.71	FEB. 27, 1996	13.88	MAY 16, 1996	10.18	AUG. 5, 1996	15.52

301247090245901 LOCAL WELL NUMBER: SJB-165

OWNER: CONSOLIDATED WW DIST NO. 1. (SEC. 5, T. 10S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE COVINGTON AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN., DEPTH 3,000 FT, SCREENED 2,900-3,000. MP CENTER LINE OF SAMPLE FAUCET ON HORIZONTAL 12-IN. CASING, 3.40 FT ABOVE LSD.

LSD 6 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 94.80 ABOVE LSD, SEP. 23, 1974,

LOWEST WATER LEVEL 47.70 ABOVE LSD, FEB. 26, 1996.

RECORDS AVAILABLE 1974, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	+48.20	FEB. 26, 1996	+47.70	MAY 22, 1996	+54.40	JULY 29, 1996	+47.90

301336090244101 LOCAL WELL NUMBER: SJB-176

OWNER: ST JOHN THE BAPTIST PARISH. (SEC. 33, T. 9S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE COVINGTON AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 10 IN., DEPTH 2,950 FT, SCREENED 2,822-2,950. MP CENTER LINE OF SAMPLE FAUCET ON HORIZONTAL 16-IN. CASING, 2.90 FT ABOVE LSD.

LSD 5.4 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 72.19 ABOVE LSD, SEP. 16, 1985,

LOWEST WATER LEVEL 51.60 ABOVE LSD, SEP. 25, 1996.

RECORDS AVAILABLE 1985, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	+57.80	MAY 22, 1996	+52.40	JULY 29, 1996	+53.30	SEP. 25, 1996	+51.60
FEB. 26, 1996	+56.10						

301143090260101 LOCAL WELL NUMBER: SJB-180

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 7, T. 10S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COVINGTON AQUIFER OF PLEISTOCENE AGE, DIAM 8.63 TO 4.5 IN., DEPTH 3091 FT, SCREENED 3070-3091. MP CENTER LINE OF 2-IN. DISCHARGE PIPE, 3.0 FT ABOVE LSD.

LSD 1 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 67.40 ABOVE LSD, APR. 19, 1994,

LOWEST WATER LEVEL 55.50 ABOVE LSD, JULY 29, 1996.

RECORDS AVAILABLE 1992-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 1, 1995	+58.50	MAY 22, 1996	+58.50	JULY 29, 1996	+55.50	SEP. 25, 1996	+56.00
FEB. 26, 1996	+56.80	JUNE 21	+55.80				

See footnotes at end of table.

GROUND-WATER LEVELS

ST. LANDRY PARISH

304116092083601 LOCAL WELL NUMBER: SL-179

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 40, T. 4S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN., DEPTH 94 FT, SCREENED 91-94. MP TOP OF 1 1/4-IN. CASING, 4.00 FT ABOVE LSD.

LSD 55.23 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 45.23 BELOW LSD, APR. 28, 1958,

LOWEST WATER LEVEL 57.99 BELOW LSD, OCT. 17, 1984.

RECORDS AVAILABLE 1957-72, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	54.11	FEB. 6, 1996	53.84	APR. 10, 1996	54.04	AUG. 8, 1996	54.33

ST. MARTIN PARISH

301304091424001 LOCAL WELL NUMBER: SMN-108

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 505 FT, SCREENED 500-505. MP TOP OF 2-IN. CASING, 3.0 FT ABOVE LSD.

LSD 11.34 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 3.54 ABOVE LSD, APR. 13, 1973,

LOWEST WATER LEVEL 9.13 BELOW LSD, NOV. 11, 1987.

RECORDS AVAILABLE 1965-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 29, 1996	4.36	SEP. 18, 1996	6.60				

301304091424002 LOCAL WELL NUMBER: SMN-109

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 375 FT, SCREENED 370-375. MP TOP OF 2-IN. CASING, 2.40 FT ABOVE LSD.

LSD 11.34 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 2.94 ABOVE LSD, FEB. 27, 1974,

LOWEST WATER LEVEL 10.38 BELOW LSD, NOV. 11, 1987.

RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	8.81	MAR. 29, 1996	4.89	AUG. 9, 1996	5.61	SEP. 18, 1996	7.12
FEB. 7, 1996	5.70						

300947091472102 LOCAL WELL NUMBER: SMN-134B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 47, T. 10S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 846 FT, SCREENED 836-846. MP TOP OF 2-IN. CASING, 3.50 FT ABOVE LSD.

LSD 20 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 10.42 BELOW LSD, JUNE 4, 1975,

LOWEST WATER LEVEL 20.30 BELOW LSD, MAY 19, 1993.

RECORDS AVAILABLE 1975-79, 1981, 1983, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	17.12	FEB. 7, 1996	16.49	APR. 10, 1996	15.76	AUG. 9, 1996	16.29

GROUND-WATER LEVELS

ST. MARY PARISH

294749091402301 LOCAL WELL NUMBER: SM-57U

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 638 FT, SCREENED 628-638. MP TOP OF 1 1/2-IN. CASING, 2.50 FT ABOVE LSD.

LSD 8.72 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 6.20 BELOW LSD, JUNE 15, 1993,

LOWEST WATER LEVEL 10.25 BELOW LSD, DEC. 20, 1976.

RECORDS AVAILABLE 1964-85, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 29, 1996	8.18						

ST. TAMMANY PARISH

302052090010201 LOCAL WELL NUMBER: ST-532

OWNER: LOUISIANA DEPARTMENT OF INSTITUTIONS. (SEC. 43, T. 8S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN THE BIG BRANCH AQUIFER (ZONE 1) OF PLEISTOCENE AGE, DIAM 10 IN., DEPTH 1,519 FT, SCREENED INTERVAL UNKNOWN. MP CENTER LINE OF FAUCET IN 8-IN. DISCHARGE LINE, 3.3 FT ABOVE LSD.

LSD 8 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 28.00 ABOVE LSD, OCT. 19, 1949,

LOWEST WATER LEVEL 17.40 ABOVE LSD, OCT. 18, 1995.

RECORDS AVAILABLE 1949, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	+17.40	MAR. 12, 1996	+21.20	MAY 3, 1996	+20.80	JULY 23, 1996	+20.40

301536089470501 LOCAL WELL NUMBER: ST-563

OWNER: CITY OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE SLIDELL AQUIFER (ZONE 2) OF PLEISTOCENE AGE, DIAM 10 IN., DEPTH 2,411 FT, SCREENED 2,262-2,411. MP CENTER LINE OF FAUCET OF DISCHARGE LINE, 2.00 FT ABOVE LSD.

LSD 10.24 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958,

LOWEST WATER LEVEL 49.90 ABOVE LSD, JULY 23, 1996.

RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	+51.40	FEB. 28, 1996	+53.00	MAY 3, 1996	+51.30	JULY 23, 1996	+49.90

301920089560801 LOCAL WELL NUMBER: ST-576

OWNER: HOLY REDEEMER COLLEGE. (SEC. 43, T. 8S., R. 13E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE SLIDELL AQUIFER (ZONE 2) OF PLEISTOCENE AGE, DIAM 7 IN., DEPTH 2,334 FT, SCREENED 2,238-2,334. MP CENTER LINE OF FAUCET ON DISCHARGE LINE, 2.00 FT ABOVE LSD.

LSD 17 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 108.00 ABOVE LSD, FEB. 23, 1961,

LOWEST WATER LEVEL 43.60 ABOVE LSD, FEB. 28, 1996.

RECORDS AVAILABLE 1961, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	+47.10	FEB. 28, 1996	+43.60	MAY 3, 1996	+48.30	JULY 23, 1996	+47.70

See footnotes at end of table.

GROUND-WATER LEVELS

ST. TAMMANY PARISH--Continued

301536089470501 LOCAL WELL NUMBER: ST-563

OWNER: CITY OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 10 IN., DEPTH 2,411 FT, SCREENED 2,262-2,411. MP CENTER LINE OF FAUCET OF DISCHARGE LINE, 2.00 FT ABOVE LSD.
 LSD 10.24 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958,
 LOWEST WATER LEVEL 51.20 ABOVE LSD, JUNE 20, 1995.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 24, 1995	+55.40	MAY 23, 1995	+53.80	JUNE 20, 1995	+51.20		

301920089560801 LOCAL WELL NUMBER: ST-576

OWNER: HOLY REDEEMER COLLEGE. (SEC. 43, T. 8S., R. 13E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 7 IN., DEPTH 2,334 FT, SCREENED 2,238-2,334. MP CENTER LINE OF FAUCET ON DISCHARGE LINE, 2.00 FT ABOVE LSD.
 LSD 17 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 108.00 ABOVE LSD, FEB. 23, 1961,
 LOWEST WATER LEVEL 48.40 ABOVE LSD, JULY 20, 1995.
 RECORDS AVAILABLE 1961, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 24, 1995	+49.10	MAY 23, 1995	+50.40	JULY 20, 1995	+48.40		

TANGIPAHOA PARISH

304550090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN THE AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 4 IN., DEPTH 2,013 FT, SCREENED 1,951-2,013. MP TOP OF 3/4-IN. VALVE, 3.65 FT ABOVE LSD.
 LSD 130.86 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 34.65 ABOVE LSD, MAY 5, 1953,
 LOWEST WATER LEVEL 34.28 BELOW LSD, JULY 11, 1995.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1995	33.17	MAY 10, 1995	32.79	JULY 11, 1995	34.28		

302957090274001 LOCAL WELL NUMBER: TA-268

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE HAMMOND AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 8 IN., DEPTH 2,449 FT, SCREENED 2,365-2,449. MP CENTER LINE OF FAUCET ON DISCHARGE LINE, 2.70 FT ABOVE LSD.
 LSD 35 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 128.00 ABOVE LSD, OCT. 21, 1956,
 LOWEST WATER LEVEL 14.30 ABOVE LSD, OCT. 18, 1988.
 RECORDS AVAILABLE 1956-85, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1995	+18.00	MAY 12, 1995	+18.00	JULY 10, 1995	+18.30		

See footnotes at end of table.

GROUND-WATER LEVELS

TANGIPAHOA PARISH-Continued

303420090221701 LOCAL WELL NUMBER: TA-278

OWNER: RAY DUNNINGTON. (SEC. 35, T. 5S., R. 8E.) DRILLED DOMESTIC ARTESIAN WELL IN THE COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN., DEPTH 1,430 FT, SCREENED 1,410-1,430. MP CENTER LINE OF SAMPLE FAUCET, 2.00 FT ABOVE LSD.
 LSD 52 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 87.80 ABOVE LSD, JAN. 14, 1961,
 LOWEST WATER LEVEL 54.00 ABOVE LSD, OCT. 16, 1995.
 RECORDS AVAILABLE 1961, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	+54.00	FEB. 29, 1996	+55.30	MAY 2, 1996	+55.40	JULY 16, 1996	+54.40

303104090335901 LOCAL WELL NUMBER: TA-343

OWNER: LA. STATE SCHOOL, HAMMOND. (SEC. 24, T. 6S., R. 6E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE HAMMOND AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 8 IN., DEPTH 2,442 FT, SCREENED 2,402-2,442. MP CENTER LINE OF FAUCET ON BEND OF 8-IN. PIPE, 1.80 FT ABOVE LSD.
 LSD 42 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 87.43 ABOVE LSD, MAY 19, 1969,
 LOWEST WATER LEVEL 32.20 ABOVE LSD, JULY 16, 1996.
 RECORDS AVAILABLE 1969, 1988-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	+34.00	MAR. 1, 1996	+34.40	MAY 1, 1996	+34.60	JULY 16, 1996	+32.20

305434090264201 LOCAL WELL NUMBER: TA-440

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 47, T. 2S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN., DEPTH 603 FT, SCREENED 593-603. MP TOP OF 2-IN. GALV. PIPE, 2.15 FT ABOVE LSD.
 LSD 220 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 1.61 BELOW LSD, SEP. 24, 1975,
 LOWEST WATER LEVEL 7.22 BELOW LSD, OCT. 23, 1986.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	5.26	FEB. 28, 1996	5.97	MAY 1, 1996	6.03	JULY 23, 1996	6.69

305604090312101 LOCAL WELL NUMBER: TA-454

OWNER: TOWN OF KENTWOOD. (SEC. 29, T. 1S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 12 IN., DEPTH 720 FT, SCREENED 640-720. MP TOP OF 3/8-IN. HOLE IN BREATHER PIPE, NORTH SIDE OF WELL, 2.24 FT ABOVE LSD.
 LSD 260 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 70.09 BELOW LSD, JAN. 14, 1992,
 LOWEST WATER LEVEL 84.41 BELOW LSD, JULY 2, 1990.
 RECORDS AVAILABLE 1983, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1995	72.62	FEB. 29, 1996	72.85	MAY 2, 1996	73.55	JULY 23, 1996	74.27

See footnotes at end of table.

GROUND-WATER LEVELS

TENSAS PARISH

320431091144801 LOCAL WELL NUMBER: TS-8

OWNER: E.R. MCDONALD. (SEC. 4, T. 13N., R. 12E.) DRILLED UNUSED SEMI-ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN., DEPTH 110 FT, SCREENED 80-110. MP TOP OF CASING, 1.00 FT ABOVE LSD.

LSD 79.6 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 2.05 BELOW LSD, MAY 30, 1979,

LOWEST WATER LEVEL 17.78 BELOW LSD, JUNE 11, 1987.

RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	14.77	JAN. 2, 1996	13.98	MAY 21, 1996	12.67	JULY 16, 1996	13.96

UNION PARISH

324417092090001 LOCAL WELL NUMBER: UN-26

OWNER: RIVERWOOD INTERNATIONAL, USA. (SEC. 10, T. 20N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 8 IN., DEPTH 745 FT, SCREENED 670-745. MP 3/4-IN. HOLE IN TOP OF WELL COVER, 1.90 FT ABOVE LSD.

LSD 133.92 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 141.11 BELOW LSD, JULY 26, 1959,

LOWEST WATER LEVEL 182.74 BELOW LSD, JULY 16, 1996.

RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1996	182.14	FEB. 29, 1996	182.41	MAY 23, 1996	182.18	JULY 16, 1996	182.74

VERMILION PARISH

294825092202005 LOCAL WELL NUMBER: VE-629L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN., DEPTH 487 FT, SCREENED 477-487. MP TOP OF 1-IN. PIPE, 2.95 FT ABOVE LSD.

LSD 1.79 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 3.89 BELOW LSD, MAR. 9, 1966,

LOWEST WATER LEVEL 7.46 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE 1964-83, 1985, 1991, 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 28, 1996	7.28						

295031092203203 LOCAL WELL NUMBER: VE-630L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN., DEPTH 528 FT, SCREENED 518-528. MP TOP OF 1-IN. PIPE, 2.93 FT ABOVE LSD.

LSD 4.75 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 7.38 BELOW LSD, MAR. 9, 1966,

LOWEST WATER LEVEL 11.83 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 18, 1996	10.47	AUG. 28, 1996	11.44				

GROUND-WATER LEVELS

VERMILION PARISH-Continued

295345092100703 LOCAL WELL NUMBER: VE-637L

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN., DEPTH 243 FT, SCREENED 233-243. MP TOP OF 1 1/2-IN. PIPE, 2.66 FT ABOVE LSD.

LSD 4.06 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 8.10 BELOW LSD, FEB. 24, 1966,

LOWEST WATER LEVEL 15.11 BELOW LSD, JUNE 25, 1970.

RECORDS AVAILABLE 1964-83, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 18, 1996	10.79	AUG. 29, 1996	11.89				

295345092100702 LOCAL WELL NUMBER: VE-637U

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 198 FT, SCREENED 188-198. MP TOP OF 1 1/2-IN. PIPE, 2.66 FT ABOVE LSD.

LSD 4.06 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 7.99 BELOW LSD, FEB. 24, 1966,

LOWEST WATER LEVEL 13.51 BELOW LSD, JUNE 9, 1971.

RECORDS AVAILABLE 1964-83, 1985, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1995	11.26	FEB. 6, 1996	9.76	APR. 18, 1996	10.76	AUG. 29, 1996	11.89

293845092264901 LOCAL WELL NUMBER: VE-639

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 2, T. 16S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 608 FT, SCREENED 603-608. MP TOP OF 2-IN. CASING, 3.00 FT ABOVE LSD.

LSD 5.84 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 6.22 BELOW LSD, OCT. 20, 1965,

LOWEST WATER LEVEL 10.22 BELOW LSD, NOV. 18, 1992.

RECORDS AVAILABLE 1965-79, 1981, 1983-85, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 17, 1996	9.07	SEP. 17, 1996	9.44				

GROUND-WATER LEVELS

VERNON PARISH

310251093125501 LOCAL WELL NUMBER: V-108

OWNER: U.S. ARMY, FORT POLK. (SEC. 20, T. 1N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 8 TO 6 IN., DEPTH 675 FT, SCREENED 640-675. MP TOP OF CASING, 1.50 FT ABOVE LSD. WELL PLUGGED AUG. 21, 1996.

LSD 305.27 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 143.26 BELOW LSD, JULY 10, 1961,

LOWEST WATER LEVEL 214.14 BELOW LSD, JULY 25, 1981.

RECORDS AVAILABLE 1941, 1943, 1958-61, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1995	184.38J	NOV. 25, 1995	176.31	FEB. 22, 1996	173.94	APR. 5, 1996	172.68
OCT. 5	182.90	NOV. 30	175.74	FEB. 28	172.07H	APR. 10,	172.40
OCT. 10	181.61	DEC. 5	175.04	FEB. 29	171.99	APR. 15	171.89
OCT. 15	182.13	DEC. 10	174.50	MAR. 5	171.37	APR. 20	171.50
OCT. 20	181.03	DEC. 14	174.93H	MAR. 10	171.18	APR. 25	171.31
OCT. 25	179.12	DEC. 15	174.34	MAR. 15	170.77	APR. 30	171.34
OCT. 31	179.13	DEC. 20	173.91	MAR. 20	170.63	MAY 1	171.28H
NOV. 5	178.87	DEC. 25	172.89	MAR. 25	171.48	MAY 30	165.94H
NOV. 10	178.22	DEC. 31	172.19	MAR. 29	173.10H	JULY 8	161.89H
NOV. 15	177.43	JAN. 23, 1996	173.81H	MAR. 31	172.95	JULY 31	160.88H
NOV. 20	176.81						

305850093260801 LOCAL WELL NUMBER: V-196

OWNER: LUTCHER MOORE LUMBER CO. (SEC. 18, T. 1S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 10 TO 6 IN., DEPTH 503 FT, SCREENED 450-503. MP 3/4-IN. HOLE IN SANITARY SEAL ON TOP OF 12-IN. CASING, 2.0 FT ABOVE LSD.

LSD 243 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 99.00 BELOW LSD, APR. 7, 1955,

LOWEST WATER LEVEL 134.94 BELOW LSD, SEP. 4, 1996.

RECORDS AVAILABLE 1955, 1986-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	133.09	FEB. 6, 1996	133.52	MAY 1, 1996	132.25	AUG. 1, 1996	133.79
DEC. 4	133.44	FEB. 27	133.82	MAY 28	131.83	SEP. 4	134.94
JAN. 23, 1996	134.04	MAR. 27	132.98	JULY 3	132.25		

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

10625093133501

LOCAL WELL NUMBER: V-204

OWNER: U.S. ARMY, FORT POLK. (SEC. 31, T. 2N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF MIOCENE AGE, DIAM 18 IN., DEPTH 1,100 FT, SCREENED 1,012-1,100. MP TOP OF 18-IN. CASING, 1.30 FT ABOVE LSD. WELL PLUGGED SEP. 9, 1996.

LSD 303 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 146.68 BELOW LSD, JAN. 30, 1986,

LOWEST WATER LEVEL 159.17 BELOW LSD, OCT. 25, 1990.

RECORDS AVAILABLE 1986-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	155.25H	DEC. 15, 1995	155.07	FEB. 29, 1996	155.32	MAY 10, 1996	154.06
OCT. 5	155.46	DEC. 20	154.74	MAR. 5	155.21	MAY 15	154.10
OCT. 7	156.54J	DEC. 25	154.95	MAR. 10	155.18	MAY 20	154.26
OCT. 10	155.70	DEC. 31	154.68	MAR. 15	155.45	MAY 25	154.61
OCT. 15	155.70	JAN. 2, 1996	154.61H	MAR. 20	155.85	MAY 28	154.75H
OCT. 20	155.64	JAN. 23	154.16H	MAR. 25	155.56	MAY 31	154.71
OCT. 25	155.50	JAN. 25	154.19	MAR. 29	155.01H	JUNE 5	154.71
OCT. 31	155.34	JAN. 27	155.52	MAR. 31	154.61	JUNE 10	154.53
NOV. 5	155.32	JAN. 31	154.60	APR. 5	154.21	JUNE 15	154.40
NOV. 10	155.58	FEB. 5	154.76	APR. 10	153.88	JUNE 20	154.45
NOV. 15	155.68	FEB. 6	155.04H	APR. 15	153.85	JUNE 25	154.75
NOV. 20	155.29	FEB. 10	155.29	APR. 20	153.86	JUNE 30	155.11
NOV. 25	155.14	FEB. 15	155.24	APR. 25	153.79	JULY 5	155.83
NOV. 30	155.16	FEB. 20	155.09	APR. 30	153.82	JULY 10	156.23
DEC. 5	155.06	FEB. 25	155.20	MAY 1	153.73J	JULY 15	155.69
DEC. 10	155.45	FEB. 28	155.52H	MAY 5	153.99	JULY 25	156.25

311201093080202

LOCAL WELL NUMBER: V-426

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 36, T. 3N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF MIOCENE AGE, DIAM 2 IN., DEPTH 915 FT, SCREENED 905-915. MP TOP OF 2-IN. CASING AFTER REMOVING COUPLING, 3.10 FT ABOVE LSD.

LSD 305 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 112.08 BELOW LSD, NOV. 21, 1969,

LOWEST WATER LEVEL 153.32 BELOW LSD, AUG. 1, 1996.

RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1995	150.88	FEB. 6, 1996	150.76	MAR. 27, 1996	150.43	JULY 3, 1996	151.17
NOV. 20	150.79	FEB. 23	150.69	MAY 1	150.72	AUG. 1	153.32
JAN. 23, 1996	150.46	FEB. 27	150.75	MAY 28	151.06	SEP. 4	150.83

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

310251093125501 LOCAL WELL NUMBER: V-108

OWNER: U.S. ARMY, FORT POLK. (SEC. 20, T. 1N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 8 TO 6 IN., DEPTH 675 FT, SCREENED 640-675. MP TOP OF CASING, 1.50 FT ABOVE LSD. WELL PLUGGED AUG. 21, 1996.

LSD 305.27 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 143.26 BELOW LSD, JULY 10, 1961,

LOWEST WATER LEVEL 214.14 BELOW LSD, JULY 25, 1981.

RECORDS AVAILABLE 1941, 1943, 1958-61, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1995	184.38J	NOV. 25, 1995	176.31	FEB. 22, 1996	173.94	APR. 5, 1996	172.68
OCT. 5	182.90	NOV. 30	175.74	FEB. 28	172.07H	APR. 10,	172.40
OCT. 10	181.61	DEC. 5	175.04	FEB. 29	171.99	APR. 15	171.89
OCT. 15	182.13	DEC. 10	174.50	MAR. 5	171.37	APR. 20	171.50
OCT. 20	181.03	DEC. 14	174.93H	MAR. 10	171.18	APR. 25	171.31
OCT. 25	179.12	DEC. 15	174.34	MAR. 15	170.77	APR. 30	171.34
OCT. 31	179.13	DEC. 20	173.91	MAR. 20	170.63	MAY 1	171.28H
NOV. 5	178.87	DEC. 25	172.89	MAR. 25	171.48	MAY 30	165.94H
NOV. 10	178.22	DEC. 31	172.19	MAR. 29	173.10H	JULY 8	161.89H
NOV. 15	177.43	JAN. 23, 1996	173.81H	MAR. 31	172.95	JULY 31	160.88H
NOV. 20	176.81						

305850093260801 LOCAL WELL NUMBER: V-196

OWNER: LUTCHER MOORE LUMBER CO. (SEC. 18, T. 1S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 10 TO 6 IN., DEPTH 503 FT, SCREENED 450-503. MP 3/4-IN. HOLE IN SANITARY SEAL ON TOP OF 12-IN. CASING, 2.0 FT ABOVE LSD.

LSD 243 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 99.00 BELOW LSD, APR. 7, 1955,

LOWEST WATER LEVEL 134.94 BELOW LSD, SEP. 4, 1996.

RECORDS AVAILABLE 1955, 1986-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	133.09	FEB. 6, 1996	133.52	MAY 1, 1996	132.25	AUG. 1, 1996	133.79
DEC. 4	133.44	FEB. 27	133.82	MAY 28	131.83	SEP. 4	134.94
JAN. 23, 1996	134.04	MAR. 27	132.98	JULY 3	132.25		

GROUND-WATER LEVELS

VERNON PARISH-Continued

310708093100904 LOCAL WELL NUMBER: V-513

OWNER: U.S. ARMY, FORT POLK. (SEC. 27, T. 2N., R. 8W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF MIOCENE AGE, DIAM 16 TO 10 IN., DEPTH 1,275 FT, SCREENED 1,167-1,212 AND 1,245-1,275. MP TOP OF PVC DROP PIPE, 1.30 FT ABOVE LSD.
 LSD 335 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 177.45 BELOW LSD, JAN. 3, 1992,
 LOWEST WATER LEVEL 191.00 BELOW LSD, OCT. 25, 1990.
 RECORDS AVAILABLE 1984-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 30, 1996	187.60	FEB. 28, 1996	188.46	MAY 1, 1996	186.89	JULY 9, 1996	189.19
FEB. 6	190.92	APR. 1	187.86	MAY 30	188.02		

310550093115801 LOCAL WELL NUMBER: V-515

OWNER: U.S. ARMY, FT POLK. (SEC. 4, T. 1N, R. 8W.) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN THE CARNAHAN BAYOU AQUIFER OF MIOCENE AGE, DIAM 24 TO 16 TO 10 IN., DEPTH 1,233 FT, SCREENED 1,160-1,230. MP LOWER LIP OF ANGLED COUPLING, AFTER REMOVING 90° ELBOW, 1.70 FT ABOVE LSD.
 LSD 320 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 166.80 BELOW LSD, MAR. 6, 1986,
 LOWEST WATER LEVEL 178.41 BELOW LSD, AUG. 1, 1996.
 RECORDS AVAILABLE 1986, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1986	166.80	DEC. 9, 1986	169.20	AUG. 1, 1996	178.41	SEP. 6, 1996	174.13
SEP. 16, 1986	170.05						

310441093061401 LOCAL WELL NUMBER: V-528

OWNER: U.S. ARMY, FT POLK. (SEC. 8, T. 1N, R. 7W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 4 TO 2 IN., DEPTH 760 FT, SCREENED 740-760. MP NOTCH ON 4-IN. PIPE AFTER REMOVING COLLAR EXTENSION AND CAP, 0.10 FT ABOVE LSD.
 LSD 360 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 240.01 BELOW LSD, APR. 27, 1995,
 LOWEST WATER LEVEL 247.00 BELOW LSD, AUG. 21, 1987.
 RECORDS AVAILABLE 1987, 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 21, 1987	247.00R	JAN. 10, 1996	241.19	FEB. 8, 1996	240.77	MAY 1, 1996	241.71
APR. 27, 1995	240.01						

310208093120401 LOCAL WELL NUMBER: V-536

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 14.5 FT, SCREENED 4.5-14.5. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.60 FT ABOVE LSD.
 LSD 275.60 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 3.23 BELOW LSD, JAN. 23, 1989,
 LOWEST WATER LEVEL 4.18 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	3.23	JUNE 11, 1996	4.18	JULY 30, 1996	3.72	SEP. 12, 1996	4.08
MAR. 28, 1996	3.74						

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

310208093120801 LOCAL WELL NUMBER: V-539

OWNER: U.S. ARMY, FT POLK. (SEC. 29, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 19 FT, SCREENED 9-19. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 1.0 FT ABOVE LSD.
 LSD 279.60 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 9.98 BELOW LSD, MAR. 28, 1996,
 LOWEST WATER LEVEL 10.19 BELOW LSD, JAN. 23, 1989.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	10.19	JUNE 11, 1996	10.17	JULY 30, 1996	10.03	SEP. 12, 1996	10.16
MAR. 28, 1996	9.98						

310209093120501 LOCAL WELL NUMBER: V-540

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 14.8 FT, SCREENED 4.8-14.8. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.90 FT ABOVE LSD.
 LSD 278.10 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 4.60 BELOW LSD, JAN. 23, 1989,
 LOWEST WATER LEVEL 5.63 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	4.60	JUNE 11, 1996	5.63	JULY 30, 1996	5.31	SEP. 12, 1996	5.59
MAR. 28, 1996	5.34						

310150093120201 LOCAL WELL NUMBER: V-541

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 15.5 FT, SCREENED 5.5-15.5. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.70 FT ABOVE LSD.
 LSD 265.50 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 8.75 BELOW LSD, SEP. 12, 1996,
 LOWEST WATER LEVEL 11.59 BELOW LSD, JAN. 23, 1989.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	11.59	JUNE 11, 1996	9.90	JULY 30, 1996	9.66	SEP. 12, 1996	8.75
MAR. 28, 1996	9.24						

310152093121301 LOCAL WELL NUMBER: V-542

OWNER: U.S. ARMY, FT POLK. (SEC. 29, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 15.8 FT, SCREENED 5.8-15.8. MP RED NOTCH ON SOUTH SIDE OF 2-IN. PVC CASING, 0.10 FT BELOW LSD.
 LSD 276.20 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 10.13 BELOW LSD, JAN. 23, 1989,
 LOWEST WATER LEVEL 10.69 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	10.13	JUNE 11, 1996	10.69	JULY 30, 1996	10.52	SEP. 12, 1996	10.63
MAR. 28, 1996	10.39						

GROUND-WATER LEVELS

VERNON PARISH-Continued

310201093120801 LOCAL WELL NUMBER: V-543

OWNER: U.S. ARMY, FT POLK. (SEC. 29, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 14.8 FT, SCREENED 4.8-14.8. MP RED NOTCH ON NORTH SIDE OF 2-IN. PVC CASING, 0.20 FT BELOW LSD.
 LSD 278.10 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 8.56 BELOW LSD, JAN. 23, 1989,
 LOWEST WATER LEVEL 8.90 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 23, 1989	8.56	JUNE 11, 1996	8.84	JULY 30, 1996	8.70	SEP. 12, 1996	8.90
MAR. 28, 1996	8.57						

310202093115901 LOCAL WELL NUMBER: V-545

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 15.0 FT, SCREENED 5.0-15.0. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.60 FT ABOVE LSD.
 LSD 263.10 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 5.74 BELOW LSD, JAN. 23, 1989,
 LOWEST WATER LEVEL 6.82 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 23, 1989	5.74	JUNE 11, 1996	6.82	JULY 30, 1996	6.58	SEP. 12, 1996	6.58
MAR. 28, 1996	6.25						

310214093114701 LOCAL WELL NUMBER: V-570

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 15.4 FT, SCREENED 5.4-15.4. MP RED NOTCH ON NORTH SIDE OF 2-IN. PVC CASING, 2.50 FT ABOVE LSD.
 LSD 280.0 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 7.10 BELOW LSD, JUNE 7, 1989,
 LOWEST WATER LEVEL 8.91 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 7, 1989	7.10	JUNE 11, 1996	8.91	JULY 31, 1996	8.05	SEP. 12, 1996	8.73
MAR. 28, 1996	7.75						

310633093093503 LOCAL WELL NUMBER: V-597

OWNER: U.S. ARMY, FT POLK. (SEC. 35, T. 2N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 10.0 FT, SCREENED 3.0-10.0. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.20 FT ABOVE LSD.
 LSD 340.0 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 2.60 BELOW LSD, JULY 14, 1989,
 LOWEST WATER LEVEL 7.68 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 14, 1989	2.60	JUNE 11, 1996	6.60	JULY 31, 1996	7.14	SEP. 12, 1996	7.68
MAR. 28, 1996	5.89						

GROUND-WATER LEVELS

VERNON PARISH-Continued

310657093093201 LOCAL WELL NUMBER: V-601

OWNER: U.S. ARMY, FT POLK. (SEC. 35, T. 2N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 14.0 FT, SCREENED 4.0-14.0. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.95 FT ABOVE LSD.
 LSD 351.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 11.02 BELOW LSD, MAR. 28, 1996,
 LOWEST WATER LEVEL 11.75 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1996	11.02	JUNE 11, 1996	11.17	JULY 31, 1996	11.43	SEP. 12, 1996	11.75

310703093093304 LOCAL WELL NUMBER: V-609

OWNER: U.S. ARMY, FT POLK. (SEC. 26, T. 2N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 17.0 FT, SCREENED 7.0-17.0. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.70 FT ABOVE LSD.
 LSD 368.0 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 1.60 BELOW LSD, MAR. 28, 1996,
 LOWEST WATER LEVEL 4.76 BELOW LSD, JULY 31, 1996.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1996	1.60	JUNE 11, 1996	3.46	JULY 31, 1996	4.76	SEP. 12, 1996	4.40

310402093121601 LOCAL WELL NUMBER: V-616

OWNER: U.S. ARMY, FT POLK. (SEC. 17, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 14.0 FT, SCREENED 4.0-14.0. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.30 FT ABOVE LSD.
 LSD 352.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 1.48 BELOW LSD, MAR. 28, 1996,
 LOWEST WATER LEVEL 3.05 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1996	1.48	JUNE 11, 1996	2.84	JULY 31, 1996	2.17	SEP. 12, 1996	3.05

310452093065501 LOCAL WELL NUMBER: V-651

OWNER: U.S. ARMY, FORT POLK. (SEC. 8, T. 1N., R. 7W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 6 TO 3 IN., DEPTH 938 FT, SCREENED 908-938. MP RED NOTCH FILED IN LOWER WALL OF ACCESS PIPE, 1.3 FT ABOVE LSD.
 LSD 320 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 247.54 BELOW LSD, MAR. 20, 1996,
 LOWEST WATER LEVEL 251.18 BELOW LSD, SEP. 6, 1996.
 RECORDS AVAILABLE CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1996	247.54	MAY 31, 1996	248.67	AUG. 14, 1996	250.60	SEP. 6, 1996	251.18
MAY 1	248.09	JULY 15	249.92				

GROUND-WATER LEVELS

VERNON PARISH-Continued

310248093125501 LOCAL WELL NUMBER: V-659

OWNER: U.S. ARMY, FT POLK. (SEC. 20, T. 1N, R. 8W.) DRILLED PUBLIC- SUPPLY WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 24 TO 16 IN., DEPTH 912 FT, SCREENED 859-912. MP 3/4-IN. ID PIPE IN PUMP BASE, 2.1 FT ABOVE LSD.

LSD 107.00 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 230.00 BELOW LSD, MAR. 3, 1994,

LOWEST WATER LEVEL 239.95 BELOW LSD, AUG. 1, 1996.

RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1994	230.00R	AUG. 1, 1996	239.95	SEP. 5, 1996	235.20		

310310093120601 LOCAL WELL NUMBER: V-670

OWNER: U.S. ARMY, FORT POLK. (SEC. 20, T. 1N., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE WILLIAMSON CREEK AQUIFER OF MIOCENE AGE, DIAM 24 IN., DEPTH 900 FT, SCREENED 859-900. MP RED NOTCH IN LOWER WALL OF ACCESS PIPE, 2.0 FT ABOVE LSD.

LSD 340 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 231.98 BELOW LSD, JULY 8, 1996,

LOWEST WATER LEVEL 268.44 BELOW LSD, MAR. 1, 1995.

RECORDS AVAILABLE 1992, 1994-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 30, 1996	252.14	FEB. 28, 1996	254.29	MAY 1, 1996	253.89	JULY 8, 1996	231.98
FEB. 6	261.69	APR. 1	257.57	MAY 30	253.28	SEP. 6	260.62

310640093104501 LOCAL WELL NUMBER: V-5594Z

OWNER: U.S. ARMY, FT POLK. (SEC. 35, T. 2N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 4 IN., DEPTH 18 FT, SCREENED 8-18. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 1.34 FT ABOVE LSD.

LSD 334.00 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 7.18 BELOW LSD, MAR. 28, 1996,

LOWEST WATER LEVEL 14.28 BELOW LSD, MAY 26, 1988.

RECORDS AVAILABLE 1988, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 26, 1988	14.28R	MAR. 28, 1996	7.18	JUNE 11, 1996	9.21	SEP. 12, 1996	14.16

310228093115301 LOCAL WELL NUMBER: V-5809Z

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF Pliocene AGE, DIAM 2 IN., DEPTH 18 FT, SCREENED 8-18. MP RED NOTCH ON NORTH SIDE OF 2-IN. PVC CASING, 0.75 FT BELOW LSD.

LSD 287.00 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 0.35 BELOW LSD, JULY 13, 1989,

LOWEST WATER LEVEL 3.42 BELOW LSD, JUNE 11, 1996.

RECORDS AVAILABLE 1989, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1996	2.72	JUNE 11, 1996	3.42	JULY 31, 1996	2.61	SEP. 12, 1996	2.85

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

310430093123014 LOCAL WELL NUMBER: V-6087Z

OWNER: U.S. ARMY, FT POLK. (SEC. 8, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 27 FT, SCREENED 17-27. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.40 FT ABOVE LSD.
 LSD 318.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 12.03 BELOW LSD, SEP. 12, 1996,
 LOWEST WATER LEVEL 13.59 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1993, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 16, 1993	12.24R	JUNE 11, 1996	13.59	JULY 31, 1996	12.20	SEP. 12, 1996	12.03

310424093120101 LOCAL WELL NUMBER: V-6149Z

OWNER: U.S. ARMY, FT POLK. (SEC. 9, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 2 IN., DEPTH 16 FT, SCREENED 11-16. MP RED NOTCH ON TOP OF 2-IN. PVC CASING, 2.85 FT ABOVE LSD.
 LSD 350.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 2.26 BELOW LSD, MAR. 28, 1996,
 LOWEST WATER LEVEL 4.17 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1994	2.32R	MAR. 28, 1996	2.26	JULY 31, 1996	3.53	SEP. 12, 1996	4.17

310152093121501 LOCAL WELL NUMBER: V-6153Z

OWNER: U.S. ARMY, FT POLK. (SEC. 29, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 19 FT, SCREENED 9-19. MP RED NOTCH ON NORTH SIDE OF 2-IN. CASING, 2.75 FT BELOW LSD.
 LSD 283.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 9.63 BELOW LSD, JAN. 25, 1994,
 LOWEST WATER LEVEL 11.23 BELOW LSD, JUNE 11, 1996.
 RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1994	9.63R	JUNE 11, 1996	11.23	JULY 30, 1996	10.93	SEP. 12, 1996	11.16
MAR. 28, 1996	10.83						

310640093093201 LOCAL WELL NUMBER: V-6165Z

OWNER: U.S. ARMY, FT POLK. (SEC. 35, T. 2N, R. 8W.) DRILLED OBSERVATION WELL IN THE CASTOR CREEK AQUIFER SURFICIAL CONFINING UNIT OF MIOCENE AGE, DIAM 4 IN., DEPTH 15 FT, SCREENED 5-15. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.50 FT ABOVE LSD.
 LSD 325.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 2.63 BELOW LSD, APR. 15, 1994,
 LOWEST WATER LEVEL 4.37 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 15, 1994	2.63R	MAR. 28, 1996	3.17	JUNE 11, 1996	3.31	SEP. 12, 1996	4.37

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

310253093114302 LOCAL WELL NUMBER: V-6269Z

OWNER: U.S. ARMY, FT POLK. (SEC. 21, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 4 IN., DEPTH 21 FT, SCREENED 15-18. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 3.15 FT ABOVE LSD.
 LSD 320.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 12.50 BELOW LSD, JULY 31, 1996,
 LOWEST WATER LEVEL 13.82 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 1, 1994	13.40	JUNE 11, 1996	13.71	JULY 31, 1996	12.50	SEP. 12, 1996	13.82
MAR. 28, 1996	12.64						

310116093123301 LOCAL WELL NUMBER: V-6305Z

OWNER: U.S. ARMY, FT POLK. (SEC. 32, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 4 IN., DEPTH 14 FT, SCREENED 9-13. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 2.98 FT ABOVE LSD.
 LSD 268.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 2.06 BELOW LSD, MAR. 16, 1995,
 LOWEST WATER LEVEL 10.10 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 16, 1995	2.06R	JUNE 11, 1996	9.65	JULY 30, 1996	9.43	SEP. 12, 1996	10.10
MAR. 28, 1996	8.96						

310230093121301 LOCAL WELL NUMBER: V-6340Z

OWNER: U.S. ARMY, FT POLK. (SEC. 29, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 4 IN., DEPTH 14.8 FT, SCREENED 4.8-14.8. MP RED NOTCH ON NORTH SIDE OF 4-IN. PVC CASING, 2.70 FT ABOVE LSD.
 LSD 300.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 11.90 BELOW LSD, MAY 25, 1995,
 LOWEST WATER LEVEL 12.88 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1995-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 25, 1995	11.90	JUNE 11, 1996	12.83	JULY 31, 1996	12.25	SEP. 12, 1996	12.88
MAR. 28, 1996	12.35						

310207093120302 LOCAL WELL NUMBER: V-6346Z

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLIOCENE AGE, DIAM 2 IN., DEPTH 19 FT, SCREENED 9-19. MP RED NOTCH ON TOP OF 4-IN. PVC CASING, 0.25 FT BELOW LSD.
 LSD 273.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 7.58 BELOW LSD, JUNE 1, 1990,
 LOWEST WATER LEVEL 8.74 BELOW LSD, SEP. 12, 1996.
 RECORDS AVAILABLE 1990, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 1, 1990	7.58	MAR. 28, 1996	8.42	JUNE 11, 1996	8.70	SEP. 12, 1996	8.84

See footnotes at end of table.

GROUND-WATER LEVELS

VERNON PARISH-Continued

310205093120501 LOCAL WELL NUMBER: V-6352Z

OWNER: U.S. ARMY, FT POLK. (SEC. 28, T. 1N, R. 8W.) DRILLED OBSERVATION WELL IN THE EVANGELINE AQUIFER SURFICIAL CONFINING UNIT OF PLOCENE AGE, DIAM 2 IN., DEPTH 11.4 FT, SCREENED 4.1-11.1. MP RED NOTCH ON NORTH SIDE OF 2-IN. PVC CASING, 0.30 FT BELOW LSD.
 LSD 268.00 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 5.40 BELOW LSD, JUNE 1, 1990,
 LOWEST WATER LEVEL 6.29 BELOW LSD, MAR. 28, 1996, SEP. 12, 1996.
 RECORDS AVAILABLE 1990, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 1, 1990	5.40	JUNE 11, 1996	6.23	JULY 30, 1996	6.28	SEP. 12, 1996	6.29
MAR. 28, 1996	6.29						

WASHINGTON PARISH

304652089512201 LOCAL WELL NUMBER: WA-13

OWNER: GAYLORD CONTAINER CORP. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 20 IN., DEPTH 156 FT, SCREENED 90-156. MP TOP OF 12-IN. CASING, AT LSD.
 LSD 95 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 1.30 ABOVE LSD, FEB. 22, 1961,
 LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	8.98	FEB. 28, 1996	7.37	MAY 2, 1996	7.83	JULY 23, 1996	8.21

304612089512401 LOCAL WELL NUMBER: WA-158

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE AMITE AQUIFER OF MIOCENE AGE, DIAM 16 TO 12 3/4 IN., DEPTH 1,414 FT, SCREENED 1,337-1,414. MP 3/4-IN. BOLT IN SANITARY SEAL, 1.63 FT ABOVE LSD.
 LSD 97 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 53.00 BELOW LSD, MAY 18, 1987,
 LOWEST WATER LEVEL 92.40 BELOW LSD, SEP. 10, 1991.
 RECORDS AVAILABLE 1987, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1995	59.93	MAR. 12, 1996	78.71	MAY 2, 1996	66.79	JULY 23, 1996	86.01

WEBSTER PARISH

325518093221901 LOCAL WELL NUMBER: WB-399

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 2, T. 22N., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 298 FT, SCREENED 288-298. MP TOP OF CASING, 0.03 FT ABOVE LSD.
 LSD 205 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 43.37 BELOW LSD, MAR. 11, 1987,
 LOWEST WATER LEVEL 46.57 BELOW LSD, OCT. 3, 1995.
 RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1995	46.57	JAN. 18, 1996	46.02	MAY 16, 1996	45.53	JULY 17, 1996	45.57

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH

302732091121901 LOCAL WELL NUMBER: WBR-5

OWNER: CITY OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN., DEPTH 1,335 FT, SCREENED 1,230-1,335. MP TOP EDGE OF 3/8-IN. HOLE IN 8-IN. COLLAR, 4.90 FT ABOVE LSD.
 LSD 27 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 36.10 ABOVE LSD, JUNE 21, 1943,
 LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
 RECORDS AVAILABLE 1943-46, 1949-50, 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	72.10	FEB. 15, 1996	70.39	APR. 26, 1996	70.56	AUG. 2, 1996	74.86

302652091121401 LOCAL WELL NUMBER: WBR-100A

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 1,888 FT, SCREENED 1,884-1,888. MP TOP OF 4-IN. CASING, 1.50 FT ABOVE LSD.
 LSD 29 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 58.30 BELOW LSD, MAY 6, 1966,
 LOWEST WATER LEVEL 129.75 BELOW LSD, APR. 26, 1996.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	129.48	FEB. 15, 1996	128.17	APR. 26, 1996	129.75	AUG. 13, 1996	115.81

302652091121402 LOCAL WELL NUMBER: WBR-100B

OWNER: U.S. GEOLOGICAL SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,448 FT, SCREENED 2,444-2,448. MP TOP OF 2-IN. CASING, 2.06 FT ABOVE LSD.
 LSD 29 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 87.97 BELOW LSD, MAY 17, 1966,
 LOWEST WATER LEVEL 169.38 BELOW LSD, OCT. 23, 1980.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	165.47	JAN. 22, 1996	153.93	APR. 26, 1996	149.68	AUG. 13, 1996	156.48

302806091172601 LOCAL WELL NUMBER: WBR-102A

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN., DEPTH 1,288 FT, SCREENED 1,284-1,288. MP TOP OF 4-IN. CASING, 1.71 FT ABOVE LSD.
 LSD 18 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 38.22 BELOW LSD, JAN. 24, 1992,
 LOWEST WATER LEVEL 62.37 BELOW LSD, OCT. 26, 1972.
 RECORDS AVAILABLE 1966-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	41.04	FEB. 15, 1996	39.17	APR. 26, 1996	41.13	AUG. 13, 1996	42.28

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH-Continued

302806091172602 LOCAL WELL NUMBER: WBR-102B

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN., DEPTH 2,100 FT, SCREENED 2,096-2,100. MP TOP OF 2-IN. CASING, 2.07 FT ABOVE LSD.
 LSD 18 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 63.89 BELOW LSD, APR. 22, 1966,
 LOWEST WATER LEVEL 189.22 BELOW LSD, SEP. 25, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	151.72	FEB. 15, 1996	149.41	APR. 26, 1996	149.24	AUG. 13, 1996	150.91

302703091133703 LOCAL WELL NUMBER: WBR-106

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 93, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN., DEPTH 2,017 FT, SCREENED 2,012-2,017. MP TOP EDGE OF 3/4-IN. AIR LINE, 2.08 FT ABOVE LSD.
 LSD 22 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 166.62 BELOW LSD, JULY 28, 1966,
 LOWEST WATER LEVEL 288.20 BELOW LSD, NOV. 8, 1973.
 RECORDS AVAILABLE 1966-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	215.38	MAR. 11, 1996	205.39	APR. 26, 1996	201.23	AUG. 2, 1996	212.30

302550091124101 LOCAL WELL NUMBER: WBR-111

OWNER: CITY OF PLAQUEMINE. (SEC. 70, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 16 TO 10 TO 8 IN., DEPTH 2,650 FT, SCREENED 2,610-2,650. MP CENTER LINE OF 8-IN. CASING, 1.40 FT ABOVE LSD.
 LSD 25 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 43.50 ABOVE LSD, JAN. 15, 1970,
 LOWEST WATER LEVEL 3.36 BELOW LSD, OCT. 15, 1971.
 RECORDS AVAILABLE 1970-71, 1974, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1995	+10.00	FEB. 5, 1996	+14.00	MAY 7, 1996	+13.70	AUG. 19, 1996	+12.00

302547091123201 LOCAL WELL NUMBER: WBR-113

OWNER: CITY OF PLAQUEMINE. (SEC. 70, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 16 TO 10 TO 8 IN., DEPTH 2,242 FT, SCREENED 2,148-2,168, 2,176-2,206, AND 2,214-2,242. MP EDGE OF 1-IN. VENT PIPE INSIDE PUMP HOUSING, 2.8 FT ABOVE LSD.
 LSD 28 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 49.20 BELOW LSD, MAY 7, 1974,
 LOWEST WATER LEVEL 83.94 BELOW LSD, FEB. 5, 1996.
 RECORDS AVAILABLE 1974, 1994-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1995	82.90	FEB. 5, 1996	83.94	AUG. 19, 1996	80.66		

See footnotes at end of table.

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH-Continued

302505091132001 LOCAL WELL NUMBER: WBR-132

OWNER: WBR WATER DISTRICT 2. (SEC. 74, T. 7S., R. 12E.) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 18 TO 12 TO 8 TO 6 IN., DEPTH 2,082 FT, SCREENED 2,012-2,082. MP TOP OF SANITARY SEAL ON WEST SIDE, REMOVE 1/2-IN. PIPE AND CAP, 2.0 FT ABOVE LSD.
 LSD 20 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 30.65 ABOVE LSD, FEB. 10, 1976,
 LOWEST WATER LEVEL 61.46 BELOW LSD, AUG. 19, 1996.
 RECORDS AVAILABLE 1976, 1993-94, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 24, 1996	56.28	AUG. 19, 1996	61.46				

302853091150201 LOCAL WELL NUMBER: WBR-146

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 119, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 1/2 IN., DEPTH 472 FT, SCREENED 462-472. MP TOP OF 3/4 IN FAUCET, 2.0 FT ABOVE LSD.
 LSD 25 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 10.54 ABOVE LSD, APR. 27, 1979,
 LOWEST WATER LEVEL 20.60 BELOW LSD, OCT. 24, 1988.
 RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	15.82	APR. 26, 1996	6.39	AUG. 6, 1996	7.33	AUG. 16, 1996	8.88
FEB. 15, 1996	1.29						

302702091185101 LOCAL WELL NUMBER: WBR-148

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 23, T. 7S., R. 11E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN., DEPTH 1,304 FT, SCREENED 1,294-1,304. MP TOP OF 2 1/2-IN. CASING, AT LSD.
 LSD 14 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 29.54 BELOW LSD, NOV. 12, 1993,
 LOWEST WATER LEVEL 53.42 BELOW LSD, JAN. 18, 1979.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	35.95	JAN. 11, 1996	33.88	APR. 26, 1996	36.06	AUG. 13, 1996	36.88

302958091124801 LOCAL WELL NUMBER: WBR-160

OWNER: WEST BATON ROUGE GAS AND WATER SYSTEM. (SEC. 50, T. 6S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 IN., DEPTH 840 FT, SCREENED 830-840. MP 1/2-IN. HOLE IN TOP OF 4-IN. CAP, 2.40 FT ABOVE LSD.
 LSD 26 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 47.10 BELOW LSD, JULY 15, 1980,
 LOWEST WATER LEVEL 122.81 BELOW LSD, JULY 31, 1995.
 RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	76.19	FEB. 15, 1996	104.41	APR. 25, 1996	98.78	AUG. 2, 1996	92.31

GROUND-WATER LEVELS

WEST BATON ROUGE PARISH--Continued

302958091124802 LOCAL WELL NUMBER: WBR-161

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 50, T. 6S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN., DEPTH 650 FT, SCREENED 640-650. MP TOP OF 2-IN. CASING, 2.00 FT ABOVE LSD.

LSD 26 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 19.86 BELOW LSD, JULY 5, 1990,

LOWEST WATER LEVEL 63.75 BELOW LSD, SEP. 19, 1979.

RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	37.02	FEB. 15, 1996	34.43	APR. 25, 1996	33.09	AUG. 2, 1996	36.83

302456091130202 LOCAL WELL NUMBER: WBR-173

OWNER: WBR WATER DISTRICT 2. (SEC. 74, T. 8S., R. 12E.) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 18 TO 12 TO 8 IN., DEPTH 2,194 FT, SCREENED 2,124-2,194. MP LOWER LIP OF ACCESS PIPE ON EAST SIDE, 1.5 FT ABOVE LSD.

LSD 25 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 56.72 BELOW LSD, MAY 10, 1994,

LOWEST WATER LEVEL 66.76 BELOW LSD, AUG. 19, 1996.

RECORDS AVAILABLE 1994, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG. 19, 1996	66.76						

WEST CARROLL PARISH

324508091252301 LOCAL WELL NUMBER: WC-36

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 2, T. 20N., R. 10E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCK-FIELD AQUIFER OF EOCENE AGE, DIAM 4 TO 2 IN., DEPTH 383 FT, SCREENED 377-383. MP TOP OF CASING COLLAR, 1.10 FT ABOVE LSD.

LSD 106.35 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 28.13 BELOW LSD, MAR. 19, 1963,

LOWEST WATER LEVEL 32.39 BELOW LSD, MAR. 9, 1971, SEP. 7, 1972.

RECORDS AVAILABLE 1955-82, 1984-87, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	30.92	JAN. 9, 1996	30.49	MAY 15, 1996	30.33	JULY 16, 1996	31.81

324508091252302 LOCAL WELL NUMBER: WC-230

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 2, T. 20N., R. 10E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/4 IN., DEPTH 87 FT, SCREENED 84-87. MP TOP OF CASING, 3.0 FT ABOVE LSD.

LSD 120 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 28.19 BELOW LSD, JULY 17, 1990,

LOWEST WATER LEVEL 30.63 BELOW LSD, JULY 16, 1996.

RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1995	30.21	JAN. 9, 1996	30.11	MAY 15, 1996	30.05	JULY 16, 1996	30.63

GROUND-WATER LEVELS

WEST FELICIANA PARISH

305643091341201 LOCAL WELL NUMBER: WF-22D

OWNER: LOUISIANA STATE PENITENTIARY. (SEC. 53, T. 1S., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN., DEPTH 907 FT, SCREENED 847-907. MP HOLE IN TOP OF REDUCER ABOVE STEEL CASING, 0.65 FT ABOVE LSD.
 LSD 60 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 15.90 ABOVE LSD, APR. 3, 1959,
 LOWEST WATER LEVEL 14.60 BELOW LSD, NOV. 18, 1992.
 RECORDS AVAILABLE 1956, 1958-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	12.03	FEB. 22, 1996	11.00	APR. 17, 1996	10.68	JULY 11, 1996	9.94

305633091341601 LOCAL WELL NUMBER: WF-40

OWNER: LOUISIANA STATE PENITENTIARY. (SEC. 24, T. 1S., R. 5W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) MIOCENE AGE, DIAM 12 IN., REPORTED DEPTH 632 FT, SCREENED 549-632. MP BOTTOM EDGE OF 3/4-IN. NIPPLE, 3.5 FT ABOVE LSD.
 LSD 50 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 23.90 ABOVE LSD, MAY 8, 1958,
 LOWEST WATER LEVEL 17.25 BELOW LSD, NOV. 18, 1992.
 RECORDS AVAILABLE 1956, 1958-59, 1963-88, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	11.69	FEB. 22, 1996	11.26	APR. 17, 1996	10.58	JULY 11, 1996	12.57

304844091204101 LOCAL WELL NUMBER: WF-158

OWNER: G.A. DANIEL. (SEC. 80, T. 3S., R. 2W.) DRILLED UNUSED WATER-TABLE WELL IN UPLAND TERRACE AQUIFER OF QUATERNARY AGE, DIAM 2 IN., DEPTH 156 FT, SCREENED 146-156. MP TOP OF 2-IN. CASING, 0.50 FT ABOVE LSD.
 LSD 198 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 94.73 BELOW LSD, AUG. 1, 1995,
 LOWEST WATER LEVEL 102.23 BELOW LSD, AUG. 5, 1991.
 RECORDS AVAILABLE 1958, 1976-78, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	94.88	FEB. 23, 1996	94.98	APR. 19, 1996	94.98	JULY 11, 1996	95.04

304704091223801 LOCAL WELL NUMBER: WF-222

OWNER: TOWN OF ST. FRANCISVILLE. (SEC. 68, T. 3S., R. 3W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 IN., DEPTH 1,526 FT, SCREENED 1,446-1,526. MP PLUG ON FLANGE BEFORE DISCHARGE PIPE, 1.23 FT ABOVE LSD.
 LSD 140 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 59.64 BELOW LSD, APR. 16, 1962,
 LOWEST WATER LEVEL 133.95 BELOW LSD, JAN. 27, 1982.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	127.03	MAR. 13, 1996	119.06	APR. 29, 1996	117.02	JULY 18, 1996	119.95

GROUND-WATER LEVELS

WEST FELICIANA PARISH-Continued

304933091224201 LOCAL WELL NUMBER: WF-254

OWNER: WEST FELICIANA PARISH SCHOOL BOARD. (SEC. 68, T. 2S., R. 3W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN., DEPTH 793 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF 3-IN. CASING, 0.80 FT ABOVE LSD.
 LSD 155 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 100.69 BELOW LSD, JUNE 5, 1995,
 LOWEST WATER LEVEL 105.64 BELOW LSD, APR. 26, 1994.
 RECORDS AVAILABLE 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	102.27	FEB. 23, 1996	101.95	APR. 19, 1996	101.96	JULY 11, 1996	101.78

304958091191801 LOCAL WELL NUMBER: WF-274

OWNER: WEST FELICIANA PARISH WATERWORKS DISTRICT 13. (SEC. 44, T. 2S, R. 2W) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN., DEPTH 1,630 FT, SCREENED 1,590-1,630. MP EDGE OF BREATHING PIPE, 2.9 FT ABOVE LSD.
 LSD 220 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 198.38 BELOW LSD, SEP. 16, 1992,
 LOWEST WATER LEVEL 213.20 BELOW LSD, JULY 18, 1996.
 RECORDS AVAILABLE 1982, 1990-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	212.40	MAR. 14, 1996	212.12	APR. 19, 1996	209.73	JULY 18, 1996	213.20

305547091202301 LOCAL WELL NUMBER: WF-286

OWNER: WEST FELICIANA PARISH WATERWORKS DISTRICT 13. (SEC. 83, T. 1S, R. 2W) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN SAND ("2,400-FT SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10-8 IN., DEPTH 982 FT, SCREENED 912-930 AND 940-982. MP EDGE OF BREATHING PIPE ON WEST SIDE, 1.9 FT ABOVE LSD.
 LSD 290 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 234.00 BELOW LSD, SEP. 26, 1987,
 LOWEST WATER LEVEL 253.86 BELOW LSD, AUG. 5, 1991.
 RECORDS AVAILABLE 1987, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 17, 1995	244.80	MAR. 14, 1996	241.52	APR. 19, 1996	243.79	JULY 11, 1996	243.83

WINN PARISH

315527092370801 LOCAL WELL NUMBER: W-28

OWNER: CITY OF WINNFIELD. (SEC. 19, T. 11N., R. 2W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 14 TO 10 IN., DEPTH 480 FT, SCREENED 360-480. MP TOP OF 1-IN. COUPLING, 1.1 FT ABOVE LSD.
 LSD 105 FT ABOVE SEA LEVEL.
 HIGHEST WATER LEVEL 39.10 BELOW LSD, APR. 6, 1992,
 LOWEST WATER LEVEL 60.07 BELOW LSD, OCT. 5, 1995.
 RECORDS AVAILABLE 1963, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1995	60.07	JAN. 4, 1996	55.25	MAY 17, 1996	51.31	JULY 15, 1996	51.87

GROUND-WATER LEVELS

WINN PARISH--Continued

315450092310102 LOCAL WELL NUMBER: W-144B

OWNER: LOUISIANA DEPT. OF TRANSPORTATION AND DEVELOPMENT. (SEC. 19, T. 11N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 550 FT, SCREENED 540-550. MP TOP OF CASING, 1.00 FT ABOVE LSD.

LSD 140 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 28.50 BELOW LSD, MAR. 5, 1986,

LOWEST WATER LEVEL 58.33 BELOW LSD, NOV. 5, 1971.

RECORDS AVAILABLE 1971-87, 1989-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 14, 1996	36.65	SEP. 16, 1996	37.37				

320541092291601 LOCAL WELL NUMBER: W-172

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 20, T. 13N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 655 FT, SCREENED 645-655. MP TOP OF CASING, 4.7 FT ABOVE LSD.

LSD 140 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 81.68 BELOW LSD, MAR. 2, 1979,

LOWEST WATER LEVEL 90.87 BELOW LSD, MAY 17, 1996.

RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1995	89.30	JAN. 4, 1996	90.33	MAY 17, 1996	90.87	JULY 15, 1996	90.76

315948092300301 LOCAL WELL NUMBER: W-179

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 29, T. 12N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN., DEPTH 585 FT, SCREENED 575-585. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.

LSD 195 FT ABOVE SEA LEVEL.

HIGHEST WATER LEVEL 101.79 BELOW LSD, MAY 12, 1989,

LOWEST WATER LEVEL 108.53 BELOW LSD, SEP. 16, 1996.

RECORDS AVAILABLE 1979-87, 1989, 1993-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 14, 1996	107.94	MAR. 21, 1996	108.14	SEP. 16, 1996	108.53		

* Measuring point.

+ Above land-surface datum.

H Tape measurement (recorder).

J Recorder measurement for a time other than noon.

QUALITY OF GROUND WATER
 CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1995 TO SEPTEMBER 1996
 [See end of table for explanation of geologic unit (aquifer) codes]

WELL NO.	LOCATION SEC. T. R..	STATION NUMBER	GEO-LOGIC UNIT	DEPTH OF WELL (FEET)	DATE OF SAMPLE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE-CIFIC CON-DUCT-ANCE, FIELD (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
ACADIA PARISH								
AC- 451	S 34 T10S R 1W	300740092265001	112CHCTU	293	04-24-96	--	832	53
					06-12-96	--	806	45
					09-18-96	--	789	40
CALCASIEU PARISH								
CU- 615	S 4 T10S R 9W	301338093172801	11205LC	533	04-24-96	--	780	150
					09-16-96	--	745	140
CU- 694	S 19 T10S R 9W	301044093195101	11205LC	556	04-16-96	--	1410	340
					09-16-96	--	1500	360
CU- 767	S 20 T10S R 8W	301036093124401	11207LC	850	04-16-96	74.55	3340	960
					09-16-96	79.13	3410	980
CU- 771	S 5 T10S R 9W	301336093183002	11202LC	241	04-16-96	60.57	421	17
					09-17-96	63.85	422	16
CU- 787	S 36 T11S R10W	300353093210201	11205LC	734	04-16-96	54.22	529	52
					09-26-96	56.43	535	51
CU- 851	S 7 T10S R 9W	301213093191701	11205LC	555	10-19-95	99.59	1620	400
CAMERON PARISH								
CN- 80L	S 24 T12S R 3W	295846092381105	112CHCTU	481	04-24-96	28.05	1300	280
					08-28-96	24.99	1340	280
CN- 86L	S 13 T12S R12W	300120093320802	11205LC	641	09-26-96	39.69	1910	460
CN- 86U	S 13T12S R12W	300120093320801	11202LC	535	09-26-96	--	1070	210
CN- 88L	S 14 T12S R 8W	300055093093004	11205LC	804	04-17-96	49.53	2360	600
					08-28-96	53.44	2390	610
CN- 90	S 4 T13S R 7W	295611093044801	11202LC	396	04-17-96	29.16	985	170
					09-17-96	31.64	985	170
CN- 92	S 12 T12S R 7W	300104093015601	11202LC	443	04-17-96	37.85	1630	360
					09-17-96	39.36	1710	380
CONCORDIA PARISH								
CO- 205	S 4 T 5N R 8E	312614091400001	112MRVA	130	03-20-96	9.31	864	28
					09-12-96	14.01	868	33
CO- 215	S 3 T 5N R 8E	312630091390001	112MRVA	121	03-20-96	8.76	3510	920
					09-12-96	12.18	3410	910
EAST BATON ROUGE PARISH								
EB- 151	S 82 T 7S R 1E	302641091085801	12220BR	2658	11-02-95	--	354	2.6
EB- 413	S 81 T 7S R 1E	302642091083201	12115BR	1745	11-02-95	--	320	2.8
EB- 434	S 49 T 7S R 1W	302619091104003	11206BR	611	01-26-96	59.89	463	61
EB- 621	S 39 T 7S R 1E	302500091052501	12112BR	1487	11-02-95	--	394	13
EB- 630	S 48 T 7S R 1W	302651091112408	12220BR	2253	11-02-95	--	831	140
EB- 674	S 48 T 7S R 1W	302656091101301	12220BR	2250	02-06-96	--	388	2.4
EB- 700	S 88 T 6S R 1E	303130091073101	12228BR	2557	02-08-96	--	612	8.6

CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1995 TO SEPTEMBER 1996

WELL NO.	LOCATION SEC. T. R..	STATION NUMBER	GEO-LOGIC UNIT	DEPTH OF WELL (FEET)	DATE OF SAMPLE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE-CIFIC CON-DUCT-ANCE, FIELD (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
EAST BATON ROUGE PARISH--Continued								
EB- 733	S 81 T 7S R 1E	302647091083301	12220BR	2637	11-02-95	--	337	2.5
EB- 750	S 75 T 6S R 1W	303141091114801	12228BR	2643	11-02-95	--	716	56
EB- 771	S 81 T 7S R 1E	302646091083801	12115BR	1739	11-02-95	--	317	3.6
EB- 778	S 94 T 7S R 1E	302509091082701	12220BR	2586	01-09-96	10.58	1000	160
EB- 780A	S 94 T 7S R 1E	302509091082702	12112BR	1622	01-10-96	35.16	3090	880
EB- 781	S 94 T 7S R 1E	302535091090401	12220BR	2286	01-18-96	188.01	9940	3200
EB- 782A	S 94 T 7S R 1E	302535091090402	12110BR	1189	01-25-96	23.57	2190	550
EB- 783A	S 54 T 7S R 1W	302502091113601	12115BR	2179	01-19-96	64.32	866	160
EB- 783B	S 54 T 7S R 1W	302502091113602	12220BR	2675	02-07-96	+10.85	3410	790
EB- 789B	S 93 T 7S R 1E	302511091070402	12115BR	1721	01-09-96	45.19	8700	2800
EB- 792B	S 95 T 7S R 1E	302605091080602	12220BR	2286	01-25-96	--	386	2.3
EB- 793	S 71 T 7S R 1W	302719091103201	11206BR	687	01-11-96	52.17	332	3.3
EB- 794	S 52 T 7S R 1W	302559091110801	12224BR	2709	01-29-96	124.05	836	84
EB- 798	S 39 T 6S R 1W	303133091103101	12228BR	2647	11-02-95	--	1100	190
EB- 803B	S 5 T 8S R 2E	302306091022602	12220BR	2565	01-12-96	+12.90	2260	560
EB- 804A	S 70 T 7S R 1E	302428091035001	12117BR	1950	01-18-96	100.97	389	2.4
EB- 804B	S 70 T 7S R 1E	302428091035002	12224BR	2762	01-12-96	101.13	504	31
EB- 805	S 70 T 7S R 1E	202428091035003	12110BR	1072	01-12-96	68.51	23900	8500
EB- 807A	S 96 T 7S R 1E	302611091091201	12115BR	1713	01-23-96	131.37	11500	3900
EB- 807B	S 96 T 7S R 1E	302611091091202	12220BR	2264	01-23-96	--	457	26
EB- 825	S 96 T 7S R 1E	302553091092002	11204BR	475	01-10-96	38.56	275	3.8
EB- 870	S 44 T 7S R 1W	302729091100601	11206BR	692	01-10-96	67.89	292	3.0
EB- 879	S 61 T 7S R 2E	302402091005201	11206BR	664	02-08-96	--	302	2.9
EB- 917	S 95 T 7S R 1E	302614091083001	12115BR	1736	01-17-96	135.50	342	16
EB- 918	S 91 T 7S R 1E	302547091074401	12115BR	1834	01-22-96	126.11	439	36
EB-1000	S 69 T 6S R 1W	303251091115001	12228BR	2926	01-11-96	60.53	794	87
EB-1007	S 71 T 7S R 1W	302711091111501	12108BR	845	07-19-96	--	353	2.9
EB-1017C	S 57 T 7S R 2E	302406091021203	11204BR	567	11-02-95	--	309	3.4
EB-1028	S 53 T 7S R 1W	302605091100901	12220BR	2238	01-17-96	201.84	1100	230
EB-1150	S 74 T 7S R 1W	302653091103703	12220BR	2242	11-02-95	--	383	2.2
EB-1253	S 48 T 7S R 1W	302652091112410	12223BR	2687	11-02-95	--	420	2.8
EB-1259	S 62 T 7S R 1E	302534091054502	11204BR	515	02-06-96	--	268	3.6

FRANKLIN PARISH

R- 720	S 30 T14N R 8E	320941091411301	112MRVA	100	03-20-96	18.09	9980	3200
					09-12-96	18.36	10100	3100
FR- 721	S 25 T14N R 7E	320958091425501	112MRVA	77	03-30-96	10.83	1730	300
					09-12-96	11.32	1720	300

IBERIA PARISH

I- 93	S 5 T 12S R 7E	300035091443301	112CHCTU	585	03-29-96	17.89	811	67
					09-17-96	18.05	785	57

JEFFERSON PARISH

JF- 161	S 1 T13S R23E	295549090104101	112GZNO	772	05-28-96	--	1340	230
JF- 184	S 38 T12S R10E	295926090143201	112GZNO	704	05-09-96	--	742	100
					09-19-96	--	748	110

CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1995 TO SEPTEMBER 1996

WELL NO.	LOCATION SEC. T. R..	STATION NUMBER	GEO-LOGIC UNIT	DEPTH OF WELL (FEET)	DATE OF SAMPLE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE-CIFIC CON-DUCT-ANCE, FIELD (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JEFFERSON DAVIS PARISH								
JD- 491	S 14 T11S R 3W	300508092405601	112CHCTU	377	04-25-96	--	715	100
					09-18-96	--	716	100
LAFAYETTE PARISH								
LF- 524	S 7 T11S R 5E	300605091593502	112CHCTU	174	04-25-96	--	186	8.1
					09-18-96	--	196	6.9
MADISON PARISH								
MA- 64	S 23 T17N R12E	322614091122001	112MRVA	117	03-20-96	11.12	9840	2900
					09-12-96	11.91	9800	2900
MA- 65	S 34 T17N R12E	322428091130201	112MRVA	119	03-20-96	8.04	6450	1700
					09-12-96	8.84	6450	1700
MOREHOUSE PARISH								
MO- 65	S 25 T21N R 5E	324647091543801	124SPRT	564	09-11-96	--	1220	190
MO- 84	S 25 T21N R 5E	324654091545301	124SPRT	608	03-26-96	--	1220	180
					09-11-96	--	1210	190
MO- 342	S 19 T21N R 7E	324753091471201	124SPRT	620	03-19-96	89.19	2050	420
					09-11-96	90.05	2030	420
MO- 710	S 17 T23N R10E	325826091280401	112MRVA	130	03-19-96	15.49	2650	470
					09-11-96	16.34	2690	470
MO- 842	S 18 T22N R 9E	325359091344802	112MRVA	90	03-19-96	33.83	935	53
					09-11-96	35.38	931	58
ORLEANS PARISH								
OR- 130	S 29 T12S R12E	295738090021001	112GZNO	736	05-08-96	--	2020	410
					09-25-96	--	2020	--
OR- 195	S 38 T12SR12E	300054090012601	112GZNO	658	05-08-96	--	1030	100
					09-30-96	--	1030	100
OR- 203	S 30 T11S R13E	300349089562401	112GZNO	453	05-21-96	64.14	1730	380
					09-25-96	70.53	1740	370
OUACHITA PARISH								
OU- 402	S 16 T15N R 4E	321714092041401	124SPRT	750	03-21-96	54.54	3700	910
					09-16-96	54.65	3630	900
OU- 403	S 16 T15N R 4E	321714092041402	124SPRT	460	03-21-96	63.82	1770	280
					09-16-96	64.15	1760	280
OU- 405	S 30 T17N R 4E	322531092053901	124SPRT	775	03-26-96	127.51	2130	430
					09-13-96	128.47	2080	420
OU- 469	S 2 T16N R 4E	322425092020401	124SPRT	400	03-26-96	--	1030	130
					09-13-96	--	1030	130

CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1995 TO SEPTEMBER 1996

WELL NO.	LOCATION SEC. T. R..	STATION NUMBER	GEO-LOGIC UNIT	DEPTH OF WELL (FEET)	DATE OF SAMPLE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE-CIFIC CON-DUCT-ANCE, FIELD (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
RICHLAND PARISH								
RI- 112	S 24 T17N R 9E	322623091294901	112MRVA	67	04-28-96	35.10	a1470	330
					09-13-96	35.32	1430	320
RI- 114	S 24 T17N R 9E	322636091295702	112MRVA	66	03-19-96	30.71	1530	330
					09-13-96	30.96	1540	340
RI- 124	S 25 T17N R 9E	322605091301101	112MRVA	84	03-19-96	32.71	1480	230
					09-13-96	33.02	1440	230
ST. CHARLES PARISH								
SC- 159	S 23 T12S R20E	295926090273101	112NORC	440	05-28-96	--	1810	300
					09-19-96	--	2050	370
ST. JAMES PARISH								
SJ- 226	S190 T11S R 5E	300325090394201	112GRMC	248	05-07-96	--	855	140
					09-19-96	--	883	140
ST. JOHN THE BAPTIST PARISH								
SJB- 165	S 5 T10S R 8E	301247090245901	120CVGN	3000	05-22-96	+54.40	1000	84
					09-25-96	--	1010	82
SJB- 176	S 33 T 9S R 8E	301336090244101	120CVGN	2950	05-22-96	+52.44	829	37
					09-25-96	+51.60	831	36
SJB- 180	S 7 T10S R 8E	301143090260101	120CVGN	3091	05-22-96	+58.50	809	47
					09-25-96	+56.00	820	45
ST. MARTIN PARISH								
SMN- 108	S 36 T 9S R 7E	301304091424001	112CHCTu	505	03-29-96	4.36	2000	380
					09-18-96	6.60	1990	370
SMN- 109	S 36 T 9S R 7E	301304091424002	112CHCTU	375	03-29-96	4.89	1160	120
					09-18-96	7.12	1170	120
ST. MARY PARISH								
SM- 57U	S 27 T14S R 8E	294749091402301	112CHCTU	638	03-29-96	8.45	1160	200
					08-29-96	8.18	1170	190
VERMILION PARISH								
VE- 630L	S 10 T14S R 1E	295031092203203	112CHCTU	528	04-18-96	10.47	2240	530
					08-28-96	11.44	2250	530
VE- 637L	S 15 T13S R 3E	295345092100703	112CHCTU	243	04-18-96	10.79	2700	690
					08-29-96	11.89	2710	690
VE- 639	S 2 T16S R 1E	293845092264901	112CHCTU	608	04-17-96	9.07	1540	310
					09-17-96	9.44	1540	310

CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1995 TO SEPTEMBER 1996

WELL NO.	LOCATION SEC. T. R..	STATION NUMBER	GEO-LOGIC UNIT	DEPTH OF WELL (FEET)	DATE OF SAMPLE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE-CIFIC CON-DUCT-ANCE, FIELD (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
WEST BATON ROUGE PARISH								
WBR- 35	S 68 T 7S R12E	302657091124201	12112BR	1290	02-05-96	--	312	2.8
WBR- 100B	S 68 T 7S R12E	302652091121402	12224BR	2448	01-22-96	153.93	364	2.1
WBR- 112	S 70 T 7S R12E	302550091124102	12115BR	2205	10-13-95	--	616	79
					02-05-96	--	625	78
					08-19-96	--	614	79
					10-13-95	82.90	1080	190
WBR- 113	S 70 T 7S R12E	302547091123201	12115BR	2242	02-05-96	83.94	1090	190
					05-07-96	69.46	1060	180
					08-19-96	80.66	1100	200
					10-13-95	82.90	1080	190
WBR- 132	S 74 T 7S R12E	302505091132001	12115BR	2082	02-09-96	--	328	6.4
WBR- 136	S 21 T 7S R12E	302712091145701	12112BR	1305	02-05-96	--	292	3.4
WBR- 148	S 23 T 7S R11E	302702091185101	12112BR	1304	01-11-96	33.88	342	2.6
WBR- 173	S 74 T 8S R12E	302456091130202	12115BR	2194	02-09-96	--	328	4.0
WBR- 181	S 68 T 7S R12E	302644091121201	12117BR	1900	02-05-96	--	309	7.2
WINN PARISH								
W- 144B	S 19 T11N R 1W	315450092310102	124SPRT	550	03-14-96	36.65	1620	160
					09-16-96	37.37	1590	160
W- 179	S 29 T12N R 1W	315948092300301	124SPRT	585	03-21-96	108.14	1530	250
					09-16-96	108.53	1420	240

a Lab measurement.

GEOLOGIC UNIT (AQUIFER):

112CHCTU- Chicot aquifer, upper sand unit, Pleistocene age.
 112GRMC-Gramercy aquifer, 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 (Zone 2), 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.

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

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

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