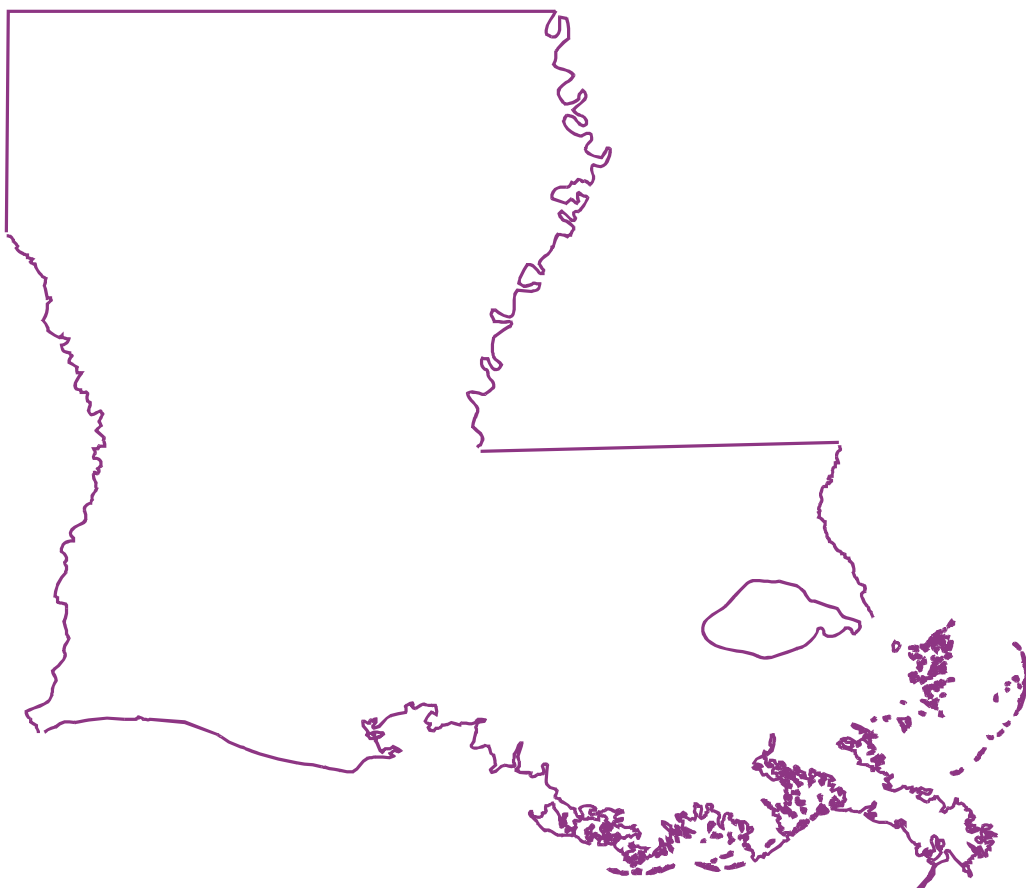


Water Resources Data Louisiana Water Year 2004

Water-Data Report LA-04-1



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



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

Calendar for Water Year 2004

2003

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			
							30													

2004

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6
4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13
11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20
18	19	20	21	22	23	24	22	23	24	25	26	27	28	21	22	23	24	25	26	27
25	26	27	28	29	30	31	29							28	29	30	31			
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1			1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		

Water Resources Data Louisiana Water Year 2004

By T. Baumann, B.B. Goree, W.M. Lovelace, P.A. Montgomery, J.C. Resweber,
G.B. Ross, A.N. Ward, and D.J. Walters

Water-Data Report LA-04-1



U.S. DEPARTMENT OF THE INTERIOR
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2005

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 by area field offices. The following individuals supervised the collection, processing, and tabulation of the data:

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This report was prepared in cooperation with the State of Louisiana and with other agencies under the general supervision of Charles R. Demas, District Chief, Louisiana.

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Water resources data for the 2004 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report contains records for water discharge at 77 gaging stations; stage only for 86 gaging stations and 7 lakes; water quality for 60 surface-water stations (including 42 gaging stations) and 112 wells; and water levels for 304 observation wells. Also included are data for 158 crest-stage and flood-profile partial-record stations. Additional water data were collected at various sites not included in the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

14. SUBJECT TERMS

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

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[Letter after station name designates type of data: (d) discharge, (g) gage height, (c) chemical, (t) water temperature, (s) sediment,
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Drainage Canal near Loyola Drive at Kenner (g)	300003090163500	548
X-Road north northeast of Charenton (g)	300310091324600	549
Arm of Grand Lake near Crook Chene Cove (g)	300312091320000	550
Drainage Canal at I-55/I-10 Junction at LaPlace (g)	3005160902620	551
Little Irish Bayou at State Hwy. 11 near Slidell (g)	300830089515000	552
Rigolets at State Highway 90 near Slidell (g)	301001089442600	553
Pass Manchac at Turtle Cove near Ponchatoula (g)	301748090200900	555
Selsers Creek at I-55 near Ponchatoula (g)	3024260902559	557
<u>MERMENTAU RIVER BASIN</u>		
Bayou des Cannes (head of Mermentau River):		
Bayou des Cannes near Eunice (d,g)	08010000	558
Bayou Plaquemine Brulé at Church Point (g)	08010200	560
Bayou Nezpique near Basile (d,g)	08012000	561
Mermentau River at Mermentau (d,g,k,t)	08012150	563
Bayou Lacassine near Lake Arthur (d,g)	08012470	568
<u>WESTERN GULF OF MEXICO BASINS</u>		
<u>CALCASIEU RIVER BASIN</u>		
Calcasieu River near Glenmora (d,g)	08013000	574
Calcasieu River near Oberlin (d,g)	08013500	576
Whisky Chitto Creek near Oberlin (d,g,k,t)	08014500	578
Calcasieu River near Kinder (d,g)	08015500	581
Calcasieu River at I-10 at Lake Charles (g,k,l,t)	08017044	583
North Calcasieu Lake near Hackberry (g,k,l,t)	08017095	591
Calcasieu River at Cameron (g,k,l,t)	08017118	599
<u>SABINE RIVER BASIN</u>		
Sabine River:		
Bayou Grand Cane near Stanley (d,g)	08023080	607
Bayou San Patricio near Benson (d,g)	08023400	609
Bayou Toro near Toro (d,g)	08025500	611
Bayou Anacoco near Rosepine (d,g)	08028000	613
Bayou Anacoco near Knight (c)	08028200	615

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

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

[Letters listed under type-of-data collected are: (d) discharge, (e) elevation (stage only), (s) stage only]

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY STATIONS

	Type of data	Station number	Drainage area (mi ²)	Period of record
Bogue Lusa Creek near Franklinton, LA	(d)	02490000	12.1	1948-68
Bogue Lusa Creek at State Highway 439, at Bogalusa, LA	(d)	02490105	72.7	1963-85
Bogue Chitto at Franklinton, LA	(d)	02491500	990	1928-31
	(d)		990	1938-57
Pearl River at Pearl River, LA	(d)	02492600	8,590	1963-70
Gum Bayou at Davis Landing Road near Slidell	(s)	02492649	--	2000-03
Chandeleur Sound at Door Point	(s)	3003010890628	--	1999-2002
Red River near Hosston, LA	(d)	07344400	57,041	1957-96
Paw Paw Bayou near Greenwood, LA	(d)	07344450	80.5	1955-87
Black Bayou near Hosston, LA	(d)	07346500	231	1943-44
Kelly Bayou near Hosston, LA	(d)	07347000	116	1944-69
Black Bayou near Gilliam, LA	(d)	07347500	364	1942-59
	(s)		364	1959-69
Black Bayou near Oil City, LA	(s)	07347700	370	1945-59
Twelvemile Bayou near Dixie, LA	(d)	07348000	3,137	1942-95
Flat Lick Bayou near Leton, LA	(d)	07348800	66.9	1956-77
Bayou Dorcheat near Gilark, LA	(s)	07348960	1,031	1953-79
Flat River near Curtis, LA	(d)	07349374	--	1980-88
Bodcau Bayou near Sarepta, LA	(d)	07349500	546	1938-92
Cypress Bayou above Benton, LA	(d)	07349795	88.9	1974-86
Cypress Bayou near Benton, LA	(d)	07349800	133	1955-68
	(d)		133	1969-74
Red Chute Bayou above U.S. Highway 80, near Shreveport, LA	(s)	07349848	--	1949-50
Red Chute Bayou near Elm Grove, LA	(d)	07349890	1,004	1977-79
Loggy Bayou near Ninock, LA	(d)	07350000	2,628	1943-60
	(s)		2,628	1961-85
Loggy Bayou near East Point, LA	(s)	07350020	2,648	1955-64
	(d)		2,648	1980-85
Red River near Crichton, LA	(s)	07350100	--	1945-46
Red River at Coushatta, LA	(d)	07350500	63,362	1938-52
Boggy Bayou near Keithville, LA	(d)	07351000	79	1938-82
Bayou Pierre below Caspiana, LA	(d)	07351571	--	1979-82
Bayou Pierre near Grand Bayou, LA	(d)	07351600	661	1977-84
	(s)		661	1984-85
Bayou Na Bonchasse near Mansfield, LA	(d)	07351700	19.5	1957-68
West Branch Dolet Bayou at Rambin, LA	(d)	07351748	32.3	1979-86
Chemard Lake near Evelyn, LA	(s)	07351749	43.8	1977-79
Bayou Dupont near Marthaville, LA	(s)	07351800	--	1957-69
Bayou Dupont near Robeline, LA	(d)	07351900	35.1	1957-69
Black Lake Bayou near Castor, LA	(d)	07352500	423	1940-57
Grand Bayou near Coushatta, LA	(d)	*07352800	93.9	1956-77,
				1979-96
Saline Bayou near Clarence, LA	(d)	07353000	1,386	1949-73
	(s)		1,386	1974-82
Nantachie Creek near Aloha, LA	(s)	07353522	--	1942-46
Youngs Bayou at Natchitoches, LA	(d)	07353800	40.1	1957-64
Little Sandy Creek at Kisatchie, LA	(d)	07354000	21.4	1949-79
Kisatchie Bayou at Lotus, LA	(d)	07354100	140	1979-92
	(s)			1992-02

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
Horsepen Creek near Provencal, LA	(d)	07354500	5.27	1949-68
Kisatchie Bayou at Cypress, LA	(s)	07354700	360	1944-49
Iatt Lake near Colfax, LA	(s)	07355300	238	1958-59
Hemphill Creek near Hot Wells, LA	(d)	07355000	18.0	1948-64
Dyer Creek near Hot Wells, LA	(d)	07355005	5.22	1955-64
Larto Lake at Dam, near Acme, LA	(s)	07355650	291	1968-76
	(e)		291	1076-90
Ouachita River at Alabama Landing, near Haile, LA	(s)	07364103	1,107	1958-80
Chemin-a-haut Bayou near Beekman, LA	(d)	07364300	271	1955-79
Chemin-a-haut Bayou east of Beekman, LA	(s)	07364320	--	1968-79
Bayou Bartholomew near Beekman, LA	(d)	07364500	1,645	1928-31
	(d)		1,645	1938-59
	(s)		1,645	1959-80
Bayou De Loutre near Laran, LA	(d)	07364700	141	1955-77
Bayou D'Arbonne near Hico, LA	(d)	07364890	254	1980-87
Bayou D'Arbonne near Dubach, LA	(d)	07365000	355	1940-69
Middle Fork Bayou D'Arbonne near Bernice, LA	(d)	07365500	178	1940-57
	(d)		178	1967-70
Corney Bayou near Lillie, LA	(d)	07366000	462	1940-57
Bayou Desiard at Monroe, LA	(s)	07366500	--	1939-59
Cheniere Lake near Bawcomville, LA	(d)	07367500	147	1943-45
Ouachita River at Columbia, LA	(s)	07367640	15,700	1975-81
Boeuf River near Chickasaw, LA	(s)	07367704	787	1959-69
Big Colewa Bayou near Oak Grove, LA	(d)	07368500	42	1949-77
Big Colewa Bayou near Pioneer, LA	(e)	07368505	--	1954-77
Turkey Creek at State Highway 15, at Winnsboro, LA	(s)	**07369205	28.8	1975-80
Lake Providence north of Lake Providence, LA	(e)	07369370	18.7	1967-77
	(d)		18.7	1984-86
Brushy Bayou at Tallulah, LA	(e)	**07369455	--	1974-80
Lower Roundaway Bayou Tributary near Tallulah, LA	(e)	**07369457	--	1974-81
Panola Bayou at Tallulah, LA	(e)	**07369468	--	1977-82
Lake St. Joseph near Newellton, LA	(e)	07369647	23.2	1959-61
	(e)		23.2	1977-87
Lake Bruin at Lake Bruin State Park, near 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
Dugdemonia River near Jonesboro, LA	(d)	*07371500	355	1938-57, 1977-96
Fouse Bayou at State Highway 155, near Danville, LA	(d)	07371540	1.5	1977-81
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
Hemphill Creek at Nebo, LA	(d)	*07373250	35.3	1978-96
Lake St. John near Waterproof, LA	(e)	07373278	14.81	1967-87
Lake Concordia near Ferriday, LA	(e)	07373280	8.91	1967-80
Lake Concordia at Ferriday, LA	(e)	073732805	8.91	1980-87
West Fork Thompson Creek near Wakefield, LA	(d)	07373500	35.3	1949-70
South Canal near Baker, LA	(d)	*07373965	--	1972-82
Monte Sano Bayou Tributary at Baton Rouge, LA	(s)	07373993	--	1985-86
Mississippi River near New Orleans, LA	(s)	07374500	1,125,900	1934-58
Cow Bayou at American Bay near Pointe a la Hache	(s)	073745258	--	1997-1998 1999-2002
California Bay near Sunrise Point near Nairn, LA	(s)	07374529	--	1992-93
Canal W-14 at Roberts Road, at Slidell, LA	(s)	07374570	--	1985-88

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
Canal W-14 at Daney Street, at Slidell, LA	(s)	07374572	--	1985-87
Canal W-14 at Kingspoint Boulevard, at Slidell, LA	(s)	07374573	--	1985-87
Bayou Bonfouca at West Hall Road at Slidell	(s)	07374577	--	1985-1987 1998-2002
Little Sandy Creek near Greenwell Springs, LA	(d)	07377240	28.2	1974-85
White Bayou East Diversion Channel near Baton Rouge, LA	(d)	**07377755	--	1972-84
White Bayou East Diversion Channel near Baker, LA	(d)	**07377842	--	1972-84
Beaver Bayou at Hooper Road, near Baton Rouge, LA	(s)	**07378083	--	1982-96
Amite River at 4-H Camp, near Denham Springs, LA	(s)	07378510	1,290	1945-77
Jones Creek at Monterrey Boulevard, at Baton Rouge, LA	(d)	07378597	--	1985-86
Bayou Braud near St. Gabriel, LA	(s)	07378740	--	1965-70
Elbow Bayou at Baton Rouge, LA	(s)	07378788	--	1980-83
Elbow Bayou Tributary at Baton Rouge, LA	(s)	07378790	--	1966-76
	(s)		--	1980-83
Elbow Bayou near Baton Rouge, LA	(s)	07378792	--	1980-83
Ward Creek at Government Street, at Baton Rouge, LA	(d)	**07379000	4.10	1954-67
Bayou Duplantier at City Park Lake, at Baton Rouge, LA	(d)	07379500	.81	1933-39
	(s)		.81	1940-41
Corporation Canal at Oklahoma Street, at Baton Rouge, LA	(e)	**07379502	.56	1970-80
Corporation Canal at Campus Drive, at Baton Rouge, LA	(e)	07379507	1.64	1970-85
Ward Creek at Siegen Lane, near Baton Rouge, LA	(d)	**07380000	40.0	1946-54
Bayou Manchac At Hope Villa, LA	(s)	07380100	138	1945-58
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
Bayou Jean LaCroix at Montegut, LA	(s)	07381316	--	1994-97
Bayou DuLarge near Theriot, LA	(s)	07381323	--	1994-97
Houma Navigation Canal at Houma, LA	(s)	07381325	--	1962-67
Mill Creek near Dulac (Inside), LA	(s)	07381329	--	1993-97
Mill Creek near Dulac (Outside), LA	(s)		--	1993-97
Atchafalaya River at Krotz Springs, LA	(d)	07381500	--	1934-63
	(s)		--	1964-68
Pipeline Canal 13.7 miles northeast of Loreauville, LA	(s)	0738153842	--	1993-97
Si-Bon Canal 9.3 miles northeast of Loreauville, LA	(s)	0738153843	--	1993-95
Milepoint Bayou 8.0 miles north of Loreauville, LA	(s)	073815668	--	1993-95
Bayou Raccourci near Theriot	(d)	0738165067	--	1999-2000 2000-2002
	(s)		--	1974-77
Elliot Jones Canal near Greenwood, LA	(e)	07381655	--	1972-76
Spring Creek near Melder, LA	(s)	07381768	--	1956-87
Spring Creek near Glenmora, LA	(d)	07381800	68.3	1959-80
Cocodrie Lake near Clearwater, LA	(s)	07381950	240	1945-84
Bayou Cocodrie near Lone Pine, LA	(s)	07382025	--	1968-76
Long Branch at Castor Plunge, near Alexandria, LA	(s)	07382238	10.7	1942-53
Chatlin Lake Canal near Lecompte, LA	(d)	07383000	75.9	1953-58
	(s)		75.9	1944-57
West Protection Levee Barrow Pit Channel near Plaucheville, LA	(d)	07384000	321	

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
Bayou Courtableau at Weir, near Krotz Springs, LA	(d)	07385000	--	1953-58
Bayou Teche at Franklin, LA	(d)	07385800	--	1984-92
Bayou Carencro near Sunset, LA	(d)	07386000	37.1	1942-61
Bayou Fusilier at State Highway 93, near Arnaudville, LA	(s)	07386202	--	1960-74
Bayou Bourbeau at Shuteston, LA	(d)	07386500	19.0	1942-70
Vermilion River near Carencro, LA	(s)	07386600	--	1948-67
Bayou des Cannes at State Highway 755, near Eunice, LA	(s)	08010010	140	1941-83
Long Point Gully near Crowley, LA	(d)	08010300	25.7	1949-59
	(s)		25.7	1959-67
Bayou Wikoff near Rayne, LA	(s)	08010500	51.3	1967-71
Bayou Plaquemine Brule near Crowley, LA	(d)	08011000	254	1942-47
	(s)		254	1975-79
Bayou Plaquemine Brule near Ebenezer, LA	(s)	08011005	--	1947-51
Bayou Plaquemine Brule at Estherwood, LA	(s)	08011020	--	1947-49
Boggy Bayou near Pine Prairie, LA	(d)	08011500	51.3	1948-51
	(d)		51.3	1965-79
Bayou Nezpique at Mamou Pumping Plant, near Basile, LA	(s)	08012020	542	1945-85
Bayou Queue de Tortue near Indian Bayou	(d)	08012285	--	1991-95
Bayou Queue de Tortue Southwest of Lyons Point, LA	(s)	08012295	158	1976-79
Bayou Queue de Tortue at Riceville, LA	(s)	08012300	--	1942-51
	(d)		--	1985-99
Mermentau River at Lake Arthur, LA	(s)	08012400	--	1984-94
Bayou Lacassine at Intercoastal Waterway, LA	(s)	08012500	--	1954-58
Sixmile Creek near Sugartown, LA	(d)	08014000	171	1956-65
Tenmile Creek near Elizabeth, LA	(d)	08014200	94.2	1949-65
Bundick Creek near De Ridder, LA	(d)	08014800	120	1956-79
Bundick Creek near Dry Creek, LA	(d)	08015000	238	1939-70
English Bayou near Lake Charles, LA	(s)	08016000	--	1954-69
Beckwith Creek near Dequincy, LA	(d)	08016400	148	1945-84
Hickory Branch at Kernan, LA	(d)	08016600	82.2	1945-57
Bayou Choupique near Sulphur, LA	(s)	08017007	--	1984-85
Bayou Castor near Funston, LA	(d)	08022765	91.5	1971-87
Bayou Castor near Logansport, LA	(d)	08023000	96.5	1955-71
	(s)		96.5	1971-85
Bayou San Patricio near Noble, LA	(d)	08023500	154	1951-67
Bayou San Miguel near Zwolle, LA	(d)	08024000	111	1948-67
Blackwell Creek at Many, LA	(d)	08024060	3.16	1959-68
Bayou La Nana near Zwolle, LA	(d)	08024200	130	1955-67
Bayou Anacoco near Leesville, LA	(d)	08027500	115	1948-64
Anacoco Lake near Leesville, LA	(s)	08027700	207	1958-68
Bayou Anacoco near Knight, LA	(d)	08028200	425	1969-73
Hoosier Creek near Merryville, LA	(d)	08028700	13.1	1955-81
Pipeline Canal 7.8 mi north of Charenton, LA		091294300	--	1996-97
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	(s)	091300000	--	1993-95
Grand Lake 4.0 miles north northeast of Charenton, LA	(s)	091303000	--	1993-97
Grand Lake 4.1 miles north of Charenton, LA	(s)	091303000	--	1994-97
Atchafalaya River Main Channel 11.3 miles east of Catahoula, LA	(s)	091312700	--	1994-97
Pipeline Canal near Bayou Crook Chene 13.0 miles northeast of Loreauville, LA	(s)	091324000	--	1993-97
Bayou Eugene Overbank area 14.6 miles north northwest of Charenton, LA	(s)	091325300	--	1994-97
Florida Gas Pipeline 10.3 miles northeast of Loreauville, LA	(s)	091343800	--	1993-97
Lower Bayou Grand Caillou south of Dulac, LA	(s)	291519090472700	--	2001-02

DISCONTINUED SURFACE-QUALITY-WATER STATIONS

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

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

Drainage area: A (drainage area not determined); B (approximately); C (22,240 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
Chandeleur Sound at Door Point	3003010890628	--	S.C., Temp.	1999-2002
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, 2000-01
Tangipahoa River at Robert, LA	07375500	646	S.C., Temp.	1980-82
Tangipahoa River at Lee Landing, LA	07375660	(A)	Temp.	1964
Comite River near Comite, LA	07378000	284	Temp.	1945
Amite River near Denham Springs, LA	07378500	1,280	S.C., Temp.	1968
Amite River, at 4H Camp, near Denham Springs, LA	07378510	1,290	S.C., Temp.	1973-81
Pass Manchac at Manchac, LA	07380230	3,204	Cl	1975-84
		3,204	Temp.	1977-84
Bayou Labranch at Fall Canal near Kenner, LA	073802311	(F)	S.C., Temp.	1992-93
Pipeline Canal at Labranch Wetland near Kenner, LA	073802312	(F)	S.C., Temp.	1992-93
Lake Ponchatrain at Lincoln Beach near Little Woods, La	0738023325	(F)	S.C., Temp.	1999-2000
			pH	
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 (wateryears)
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 Jean Lacroix at Montegut, LA	07381316	(F)	S.C., Temp.	1994-97
Bayou Terrebonne at Houma, LA	07381320	(F)	Cl	1975-80
Bayou DuLarge at Theriot, LA	07381323	(F)	S.C., Temp.	1995-97
Houma Navigation Canal at Houma, LA	07381325	(F)	S.C.	1978-81
		(F)	Temp.	1978, 1981
		(F)	S.C., Temp.	1994-2000
Bayou LaCarpe near Crozier, LA	07381326	(F)	S.C., Temp.	1994-2000
Houma Navigation Canal at Dulac, LA	07381328	(A)	S.C., Temp.	1974-75
			D.O.	
		(F)	S.C., Temp.	1993-97
Mill Creek near Dulac, LA	07381329	(F)	S.C.	1979-85
Company Canal at Lockport, LA	07381350	(F)	Temp.	1981-85
		(F)	S.C., Temp.	2000-01
		(F)	S.C., Temp.	1980-82
Bayou Grosse Tete at Rosedale, LA	07381440	(F)	S.C., Temp.	2000-01
Lower Grand River at Bayou Sorrel, LA	07381450	(F)	S.C., Temp.	1980-82
Bayou Bouef at Railroad Bridge at Amelia, LA	073814675	(F)	S.C., Temp.	2000-01
Atchafalaya River at Melville, LA	07381495	93,316	S.C., Temp.	1979-81
Atchafalaya River at Krotz Springs, LA	07381500	(F)	Temp.	1953-55
		(F)	S.C.	1967, 1969-71
		(A)	S.C., Temp.,	1993-95
Si-Bon Canal 9.3 miles northeast of	0738153843	(F)	S.C., Temp.	2000-01
Bayou DeCade at Lake DeCade near Theriot, LA	073816506	(F)	Temp.	1953-54
Bayou Cocodrie near Clearwater, LA	07382000	240	S.C., Temp.	1975-81
Bayou Teche at Keystone Lock, near St. Martinville, LA	07385700	(F)	Temp., D.O.	1974-80
		(F)	S.C.	1976-80
		(F)	pH	1977-80
Bayou Bourbeau at Shuteston, LA	07386500	(A)	Cl, Temp.,	1968
			S.C.	
		(F)	S.C., Temp.,	1971-81
Vermilion River, at State Highway 3073, near Lafayette, LA	07386935	(F)	D.O.	
		(F)	pH	1976-81
		(F)	S.C.	1966-78
Vermilion River at Perry, LA	07386980	(F)	Temp.	1949-62
Vermilion River at Bancker Ferry, near Abbeville, LA	07387000	(F)	S.C., Cl	1951-62
		(F)	S.C., Temp.	2001
			Sed.	
Mermentau River at Mermentau, LA	08012150	1,381	S.C., Temp.	1980-82
Mermentau River at Lake Arthur, LA	08012400	(F)	S.C.	1951-58, 1960-69
		(F)	Cl	1951-58, 1960-65, 1967-69
		(F)	Temp.	1959-69
Calcasieu River near Oberlin, LA	08013500	753	S.C., Temp.	1976-77, 1979
		753	pH, D.O.	1976-77
Calcasieu River near Kinder, LA	08015500	1,700	S.C., Temp.	1979-82

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi ²)	Type of record	Period of record (water years)
Calcasieu River near Lake Charles, LA	08015900	2,310	S.C., Temp.	1975-78
Bayou Castor near Logansport, LA	08023000	96.5	Sed.	1983-84
Bayou San Patricio near Benson, LA	08023400	80.2	Sed.	1981-85
Bayou Anacoco near Rosepine, LA	*08028000	365	S.C., CO	1971-72
Bayou Anacoco near Knight, LA	08028200	425	S.C., Temp., CO	1970-71
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	091300000	(A)	S.C., Temp., D.O., pH	1993-95
Red Eye Swamp 11.0 miles northeast of Loreauville, LA	091323200	(F)	S.C., Temp., pH, DO	1996-99
Overbank Area 14.6 miles north northwest of Charenton Lake, LA	091325300	(F)	S.C., Temp., D.O., pH	1994-97
Bayou Crook Chene above Bayou Eugene near Loreauville, LA	091344700	--	S.C., Temp., D.O., pH	1994-97
Lower Bayou Grand Caillou south of Dulac	291519090472700	(F)	S.C., Temp.	2001-02
Bayou Grand Caillou at Dulac, LA	292258090425500	(F)	Cl	1975-84
		(F)	Temp.	1978-84
Freshwater Canal near Forked Island, LA	293316092182000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Vermilion Bay, at Cypremort Point, near Louisiana, LA	294110091533000	(F)	Cl	1975-76, 1978-79, 1981-82
		(F)	Temp.	1978-79, 1981-82
Schooner Bayou near Forked Island, West	294528092154800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Schooner Bayou near Forked Island, East	294528092154801	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock East, near Intracoastal City, LA	294700092114000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock West, near Intracoastal City, LA	294705092115300	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, south of Control Structure, near Grand Chenier, LA	295146092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, north of Control Structure, near Grand Chenier, LA	295148092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway at Gibbstown, LA	295600093053000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Chef Menteur Pass at Chef Menteur, LA	300404089482500	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Lake Pontchartrain, at New Orleans, LA, at Little Woods, LA	300434089564000	(F)	Cl	1975-78
		(F)	Temp.	1977-78
Intracoastal Waterway at Calcasieu Lock	300514093172800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Rigolets near Lake Pontchartrain, near Slidell, LA	301002089441300	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Lake Pontchartrain, near North Shore, near Slidell, LA	301108089503600	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Calcasieu River and Pass near Lake Charles, LA	301305093151200	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Calcasieu River, at mile 36.0, at Lake Charles, LA	301425093145000	(F)	Temp., Cl	1982
Calcasieu River, east of barrier, at Lake Charles, LA	301513093130500	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82
Calcasieu River, west of barrier, at Lake Charles, LA	301513093130600	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82

WATER RESOURCES DATA - LOUISIANA, 2004

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 77 streamflow-gaging stations, stage only for 86 gaging stations, for 183 partial-record or miscellaneous streamflow stations, and for 38 crest-stage, partial-record streamflow stations; (2) stage records for 7 lakes; (3) water-quality records for 44 streamflow-gaging stations, for 10 ungaged stream sites, and for 112 wells; and (4) water-level records for 304 observation wells. Quality assurance data in the form of blanks, replicate samples, and percent recovery of organics data have been collected and are available upon request.

This series of annual reports for Louisiana began with the 1961 water year with a report that contained only data relating to the quantities of surface water. For the 1964 water year, a similar report was introduced that contained only data relating to water quality. Beginning with the 1975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground-water levels.

Prior to introduction of this series and for several water years concurrent with it, water-resources data for Louisiana were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States, Parts 2, 7, and 8." For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperatures, and suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from U. S. Geological Survey, Books and Open-File Reports Section, Federal Center, Building 810, Box 25425, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-02-1." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or in microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161.

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

WATER RESOURCES DATA - LOUISIANA, 2004

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, Johnny B. Bradberry, Secretary.

Louisiana Department of Wildlife and Fisheries, Dwight Landreneau, Jr, Secretary.

Louisiana Department of Environmental Quality, Mike McDaniel, Secretary.

Louisiana Department of Natural Resources, Scott Angelle, Secretary.

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

Parish of Ascension, Ronnie Hughes, Parish President; Department of Public Works,
Bill Roux, Director.

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

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

City of West Monroe, Dave Norris, Mayor; Water Department, Ronnie Turner, Director.

Capital Area Ground Water Conservation Commission, Joey Hebert, Chairman;
Don Dial, Director.

Sabine River Compact Administration, Vernon B. Sauer, Chairman.

Amite River Basin Drainage and Water Conservation District, Patrick Bell, President;
Dietmar Rietschier, Executive Director.

Lafayette Parish Bayou Vermilion District, Wayne LeJeune, President; Kerry Collins, Executive Director.

Bayou D'Arbonne Lake Watershed District, Trout Hunt, President.

Parish of St. Tammany, Kevin Davis, Parish President; Department of Public Works, David deGeneres, Director.

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

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

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

Concordia Parish Police Jury, Charlie Blaney, President.

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

Organizations that supplied data are acknowledged in the station descriptions.

WATER RESOURCES DATA - LOUISIANA, 2004

SUMMARY OF HYDROLOGIC CONDITIONS

Surface-Water Conditions

Throughout the upland non-coastal regions of Louisiana, streamflows are directly related to rainfall-runoff patterns. During the 2004 water year, the statewide annual average rainfall was 61.94 inches, which was 2.49 inches above the statewide 30-year average. This produced above-normal annual mean discharges at all four streamflow index stations. Four index stations were used to indicate flow conditions throughout the State during the past water year. The index stations are Pearl River near Bogalusa, Saline Bayou near Lucky, Amite River near Denham Springs, and Calcasieu River near Oberlin. Annual mean discharge at the Saline Bayou near Lucky, located in north-central Louisiana, was 4 percent above the period of record mean annual discharge (fig. 1a). The Pearl River near Bogalusa, located in southeast Louisiana, annual mean discharge was 14 percent above the period of record mean annual discharge (fig. 1a). The Amite River near Denham Springs, located near central Louisiana, annual mean discharge was 25 percent above the period of record mean annual discharge (fig. 1b). The largest variation from normal flow occurred at the Calcasieu River near Oberlin, located in southwest Louisiana, where the annual mean discharge was 41 percent above the period of record mean annual discharge (fig. 1b).

Although above normal rainfall occurred during the 2004 water year, dryer than normal rainfall conditions existed during portions of the water year. Three of the four index stations had peak monthly mean discharges in February. During February, Amite River near Denham Springs, Pearl River near bogalusa, and Saline Bayou near Lucky had peak monthly mean discharges more than twice the respective long-term monthly mean discharges (figs. 1a, 1b). The other index station, Calcasieu River near Oberlin, had it's peak monthly mean discharge in May, which was four times the long-term monthly mean discharge.

Period-of-record and streamflow statistics for water-year 2004 are listed below for the four index stations. Rainfall data are provided by the Louisiana Office of State Climatology.

Station identification number and name	Period of Record	Statistics of discharge during 2004 water year (cubic feet per second)			Statistics of discharge during period of record (cubic feet per second)		
		Maximum Minimum		Annual Mean	Maximum Minimum		Annual Mean
		Daily Mean	Daily Mean		Daily Mean	Daily Mean	
02489500 Pearl River near Bogalusa	1938-2004	68,900	1,950	11,430	127,000	1,020	10,050
07352000 Saline Bayou near Lucky	1940-2004	1,910	7.10	183	11,100	1.40	176
07378500 Amite River near Denham Springs	1939-2004	38,400	342	2,651	105,000	230	2,123
08013500 Calcasieu River near Oberlin	1923-2004	28,300	34.0	1,630	67,600	16.0	1,160

WATER RESOURCES DATA - LOUISIANA, 2004

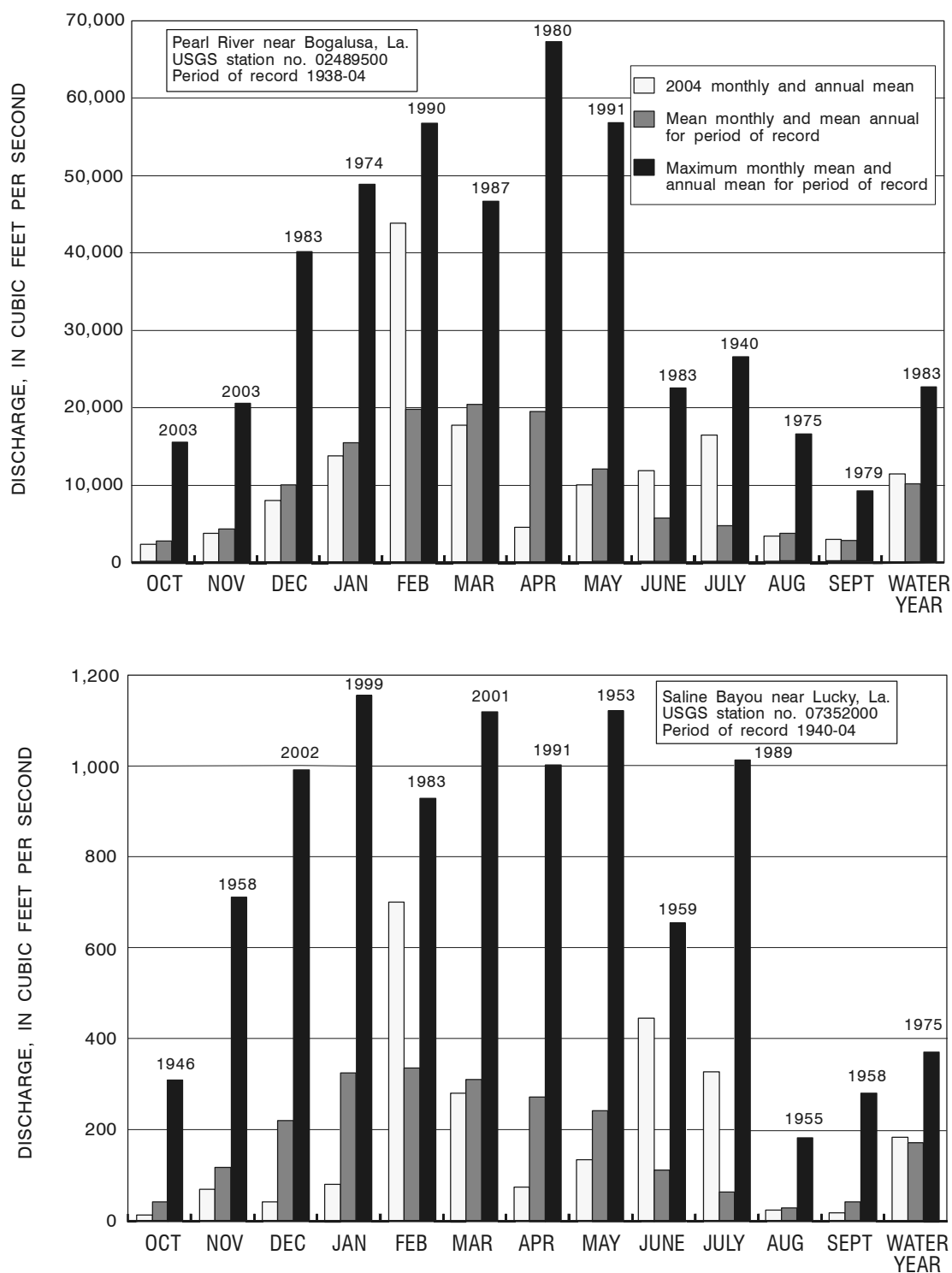


Figure 1a. Comparison of discharge during the 2004 water year with mean and maximum discharge for the period of record at representative gaging stations, Pearl River near Bogalusa, La and Saline Bayou near Lucky, La.

WATER RESOURCES DATA - LOUISIANA, 2004

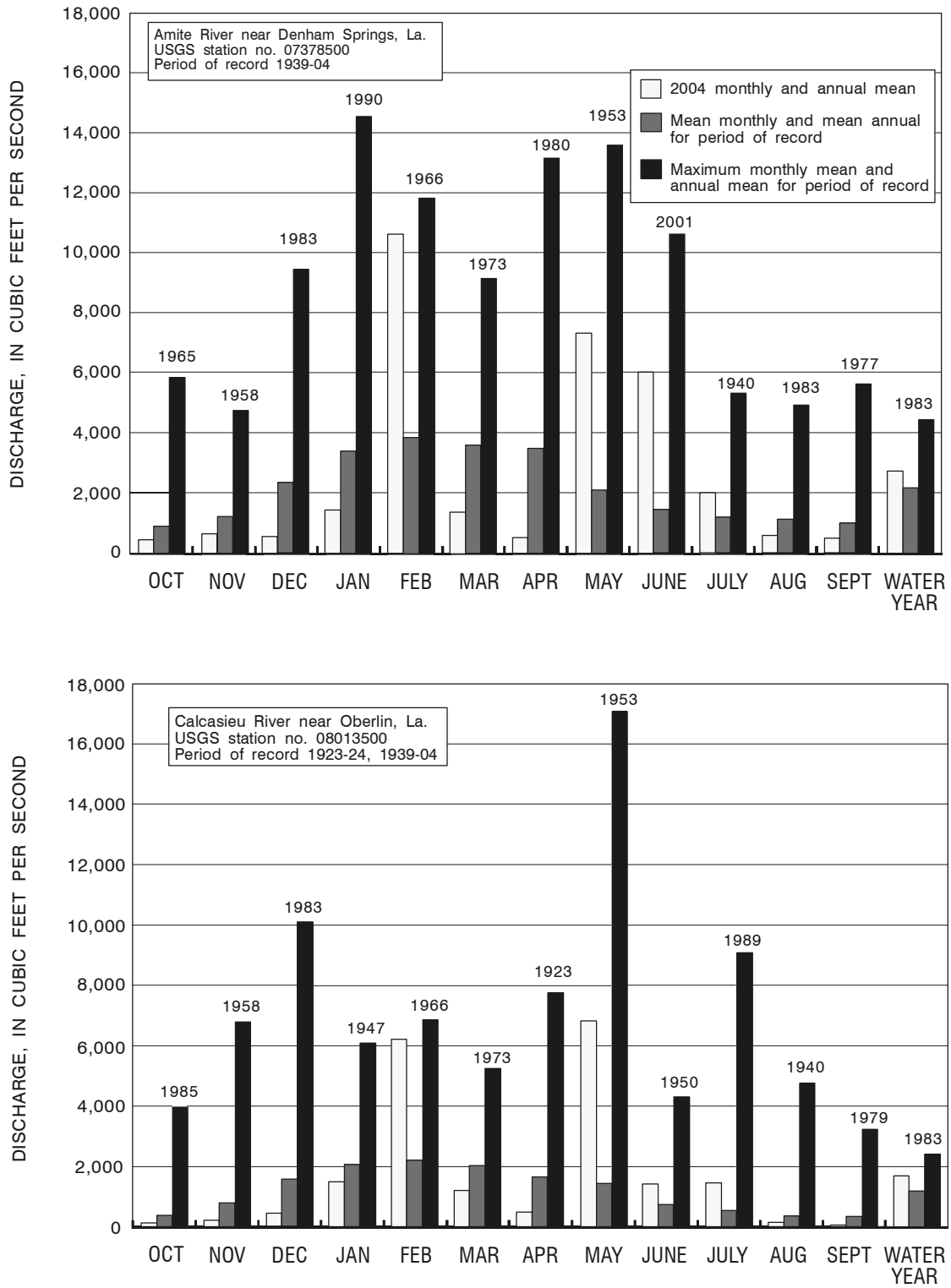


Figure 1b. Comparison of discharge during the 2004 water year with mean and maximum discharge for the period of record at representative gaging stations, Amite River near Denham Springs, La. and Calcasieu River near Oberlin, La.

WATER RESOURCES DATA - LOUISIANA, 2004

Surface-Water Quality

During the 2004 water year, water-quality samples generally were collected bimonthly or monthly at 18 sites along 10 streams and rivers throughout the State. Continuous records of temperature and specific conductance were collected at 42 sites. Suspended-sediment samples were collected on a bimonthly or monthly basis from the Mermentau, Mississippi, and Atchafalaya Rivers, Dawson and Whisky Chitto Creeks, and Bayou Lacassine (fig. 13).

Measured water temperatures during site visits ranged from 4.3 to 31.1 degrees Celsius; temperatures from continuous monitors ranged from 4.5 to 36.5 degrees Celsius. Dissolved-oxygen concentrations ranged from 1.1 to 12.3 mg/L and dissolved-solids concentrations in water samples ranged from 46 to 654 mg/L. Specific conductance values during site visits ranged from 11 to 1130 $\mu\text{S}/\text{cm}$; and values from continuous monitors ranged from 26 to 48,400 $\mu\text{S}/\text{cm}$. The pH of water-quality samples ranged from 5.4 to 8.4.

Suspended-sediment samples were collected at several sites along the Atchafalaya and Mississippi Rivers (fig. 13) by the U.S. Army Corps of Engineers and analyzed by the U.S. Geological Survey Louisiana District Sediment Laboratory. Suspended-sediment loads were calculated based on the sample concentrations and discharge data. The minimum sediment load was 7,020 T/day (tons per day) at the Wax Lake Outlet at Calumet, Louisiana, and the maximum sediment load was 1,750,000 T/day at the Mississippi River at Coochie, Louisiana.

Ground-Water Levels

During the 2004 water year, water levels were monitored in 304 network wells throughout Louisiana. Water levels in wells in many aquifers in Louisiana rise and fall during the year in response to seasonal climate patterns and in response to seasonal withdrawals such as for irrigation. Continuous long-term water-level declines (declines over several years) occur in aquifers with large sustained withdrawals. Water-level data from some wells may show seasonal fluctuations, long-term declines, or a combination of both. Water-level declines continued in some wells screened in the Sparta aquifer, the Chicot aquifer, and aquifers in southeastern Louisiana. The Chicot aquifer system in southwestern Louisiana, the Mississippi River alluvial aquifer, the Sparta aquifer in northern Louisiana, and aquifers in southeastern Louisiana were the most heavily pumped aquifers in the State.

Water levels in most wells completed in the Sparta aquifer declined 1 ft/yr or more during the 2004 water year. Water levels, as shown in hydrographs for wells Bi-144, Bienville Parish, and Ou-444, Ouachita Parish, are generally representative of long-term declines due to large water withdrawals from the Sparta aquifer. Water levels in the Sparta aquifer can fluctuate seasonally as shown in the hydrograph of well Wb-399, Webster Parish. During the 2004 water year, water levels in some wells screened in the Sparta aquifer continued to recover as shown in hydrographs for wells, Bi-166, Bienville Parish, Ou-80, Ouachita Parish, and CI-149, Claiborne Parish.

Water levels in the Chicot aquifer system showed little change or recovered in most of the area, including areas where the aquifer is heavily pumped for irrigation. Water-level fluctuations of 10 ft (feet) or more in the Chicot aquifer system were due mostly to seasonal pumpage for irrigation. In the Lake Charles area, water levels continued to recover in wells Cu-851 and Cu-959, Calcasieu Parish. Water levels in wells Be-430, Beauregard Parish, and JD-485A, Jefferson Davis Parish, reflect seasonal fluctuations and long-term recovery.

In East and West Baton Rouge, East and West Feliciana, and Pointe Coupee Parishes, water levels were monitored in 77 wells screened in locally named aquifers. Water levels declined 1 ft/yr or more in some of the wells monitored, including wells screened in the "1,200-foot", "1,500-foot", and "2,800-foot" sands of the Baton Rouge area (see hydrographs for wells EB-327, EB-392, EB-468, EB-917, EB-944 and EB-1000, East Baton Rouge Parish). Water levels have declined little or may be recovering in other wells, including those screened in the "400-foot", "600-foot", "2,000-foot", and "2,800-foot" sands of the Baton Rouge area. Hydrographs for wells EB-297, EB-367, EB-685, EB-824, and EB-825, East Baton Rouge Parish, indicate little if any water-level change during the 2004 water year. Hydrographs for wells EF-223, East Feliciana Parish and WF-274, West Feliciana Parish, indicate that water-levels changed slightly during the 2004 water year.

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

WATER RESOURCES DATA - LOUISIANA, 2004

Ground-Water Quality

During the 2004 water year, chloride concentrations were monitored in 112 network wells. Chloride concentrations in water from most wells completed in the Mississippi River alluvial aquifer in northern Louisiana remained unchanged or decreased slightly. However, chloride concentrations continued to increase in wells Co-205, Concordia Parish (fig. 2a), and Ri-124, Richland Parish (fig. 2a). At most monitor wells completed in the Sparta aquifer, chloride concentrations remained unchanged; however, in wells Ou-78, Ouachita Parish (fig. 2a), and W-144B, Winn Parish (fig. 2b), concentrations increased slightly.

Chloride concentrations in water from wells completed in the upper sand of the Chicot aquifer system along the freshwater-saltwater interface in southwestern Louisiana changed little during the water year. Slight long-term increase in chloride concentrations occurred in the Chicot aquifer in well SMn-108, St. Martin Parish (fig. 2b), and Ve-637L, Vermilion Parish (fig. 2b).

In the Baton Rouge area, chloride concentrations in water from most monitor wells remained constant or continued previous increasing trends. Chloride concentrations in wells EB-804B, EB-918, and EB-1150, East Baton Rouge Parish (fig. 2c), continued to increase. These wells are screened in some of the most heavily pumped aquifers in the Baton Rouge area.

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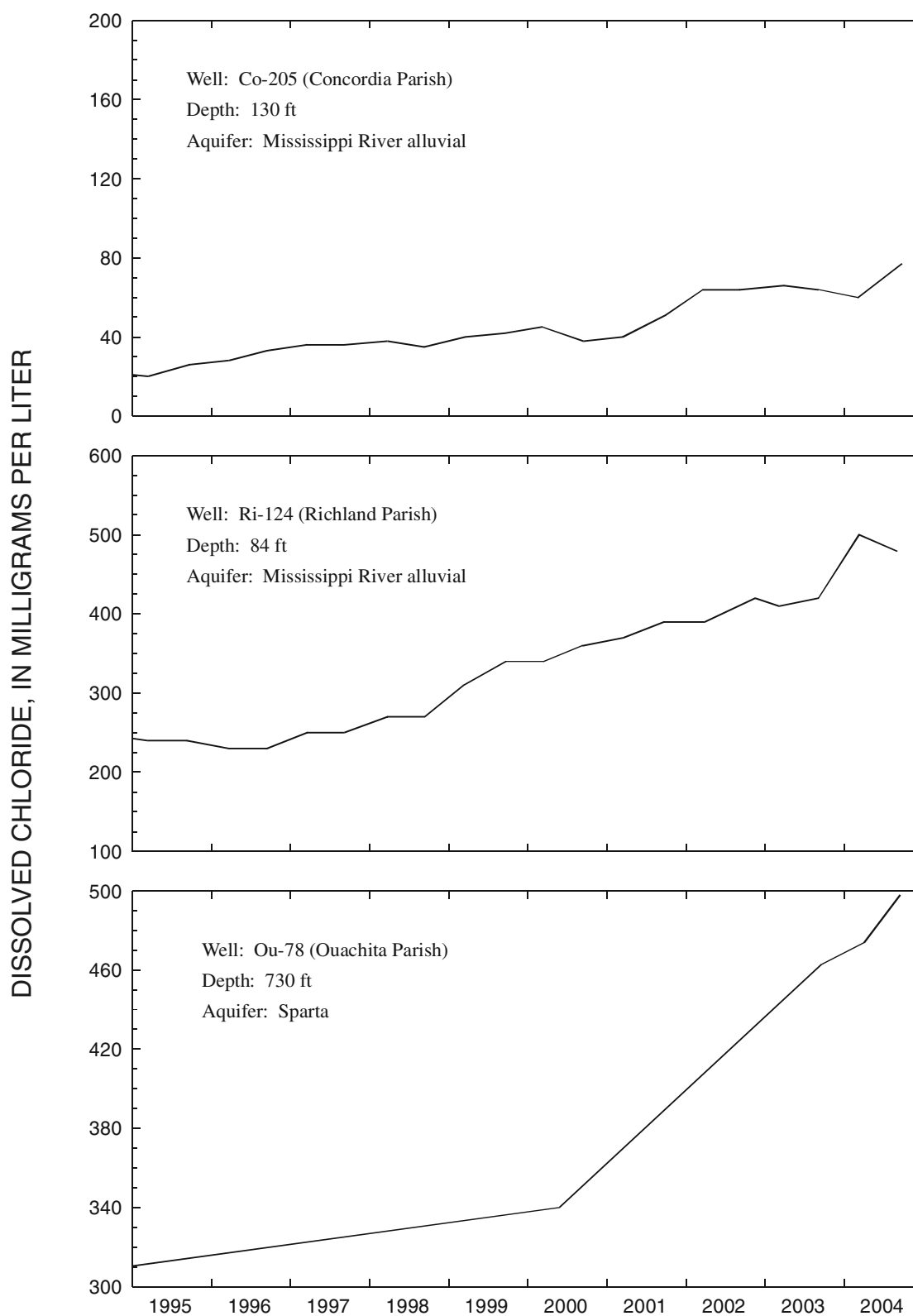


Figure 2a. Chloride concentrations in water from wells Co-205, Ri-124, and Ou-78.

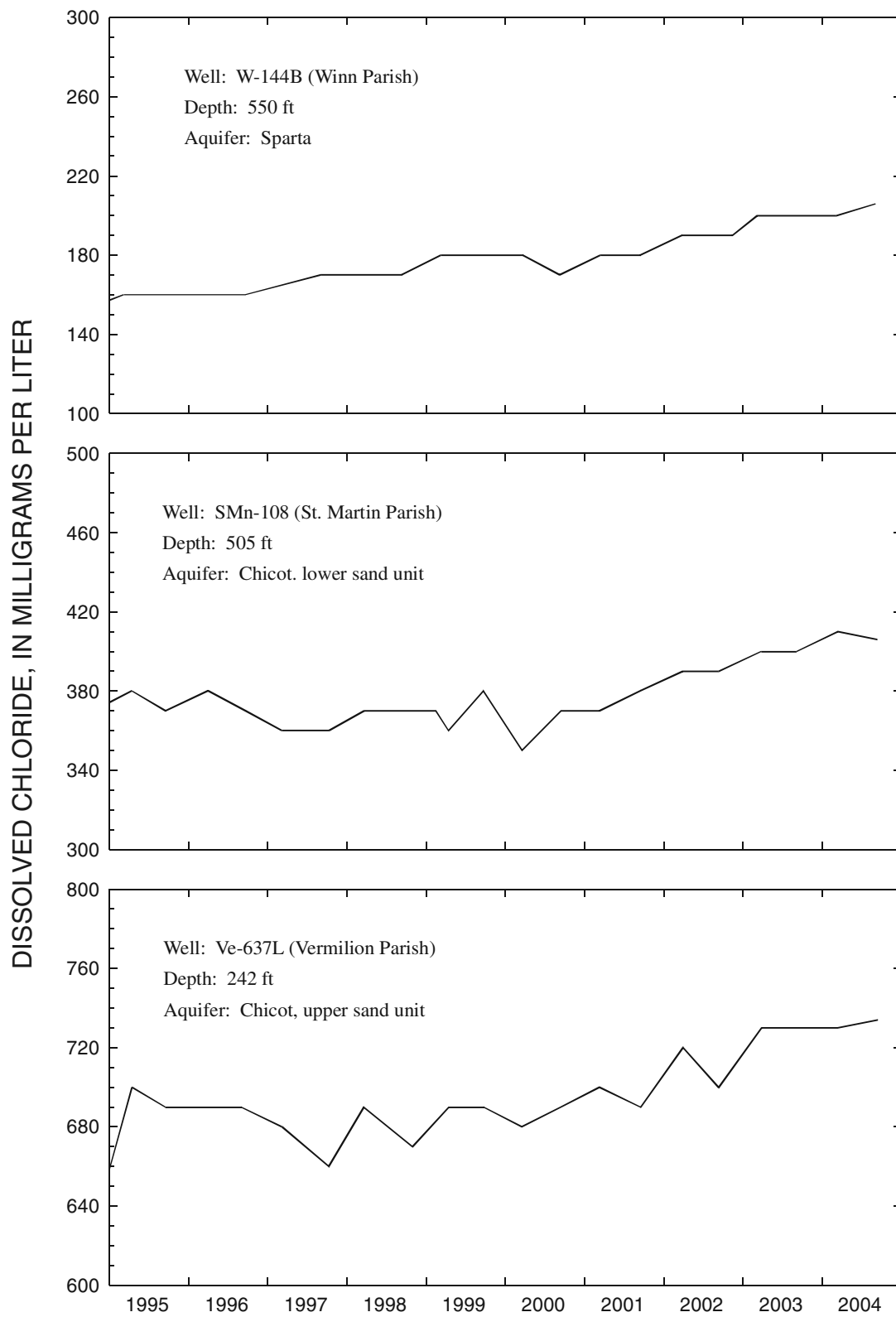
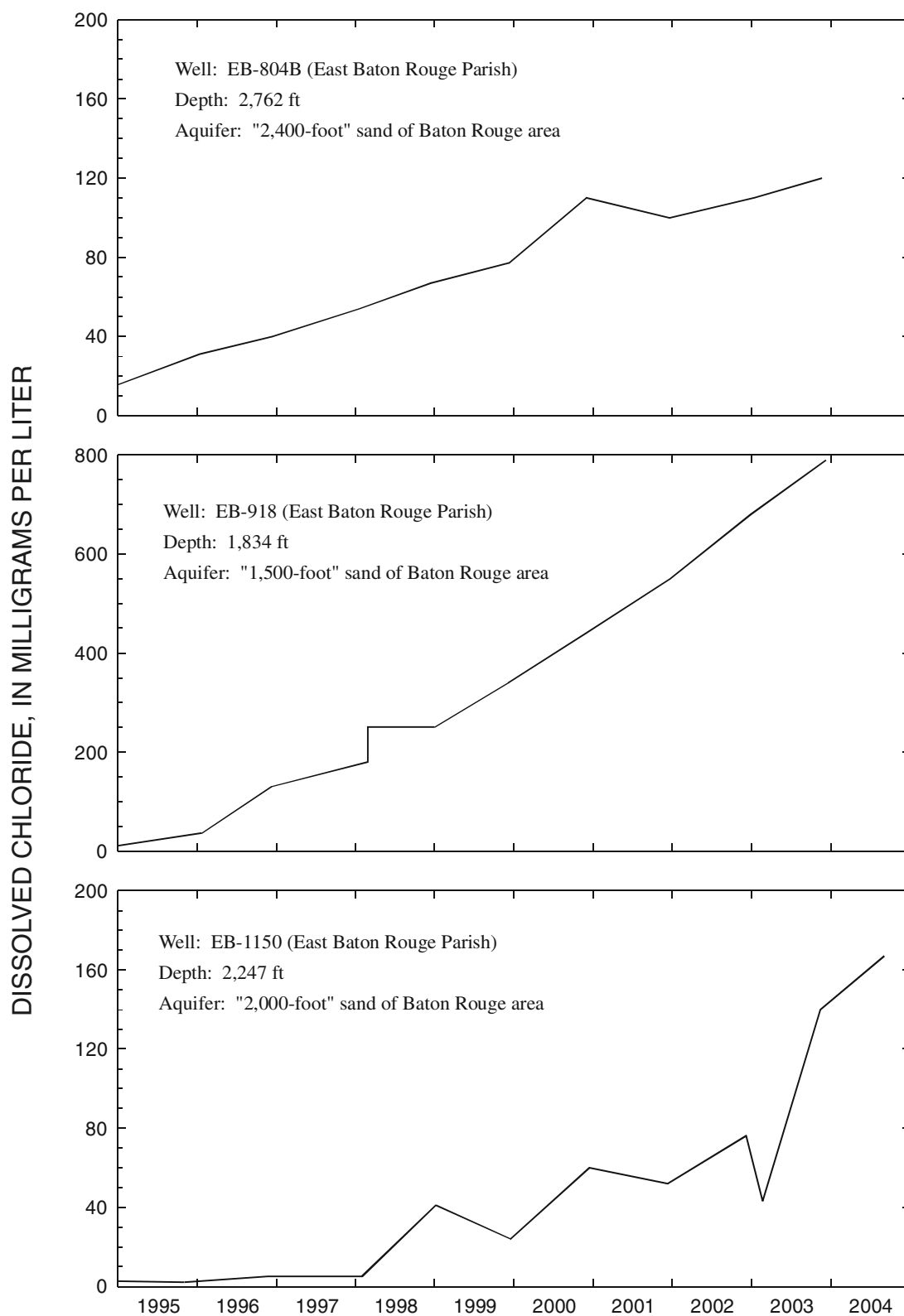


Figure 2b. Chloride concentrations in water from wells W-144B, SMn-108, and Ve-637L

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**Figure 2c.** Chloride concentrations in water from wells EB-804B, EB-918 and EB-1150.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, hydrologic-station records in USGS reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indentation in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These station numbers are in the same downstream order used in this report. In assigning a station number, 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 composed of both types of stations. Gaps are consecutive. The complete 8-digit (or 10-digit) number for each station such as 09004100, which appears just to the left of the station name, includes a 2-digit part number "09" plus the 6-digit (or 8-digit) downstream order number "004100." In areas of high station density, an additional two digits may be added to the station identification number to yield a 10-digit number. The stations are numbered in downstream order as described above between stations of consecutive 8-digit numbers. The 8-digit, downstream order station numbers are not assigned to miscellaneous sites where only random water-quality samples or discharge measurements are taken.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and miscellaneous site are the same, a sequential number such as "01," "02," and so forth, would be assigned as one would for wells (see fig. 3). 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. 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. The 8-digit, downstream order station numbers are not assigned to miscellaneous sites where only random water-quality samples or discharge measurements are taken.

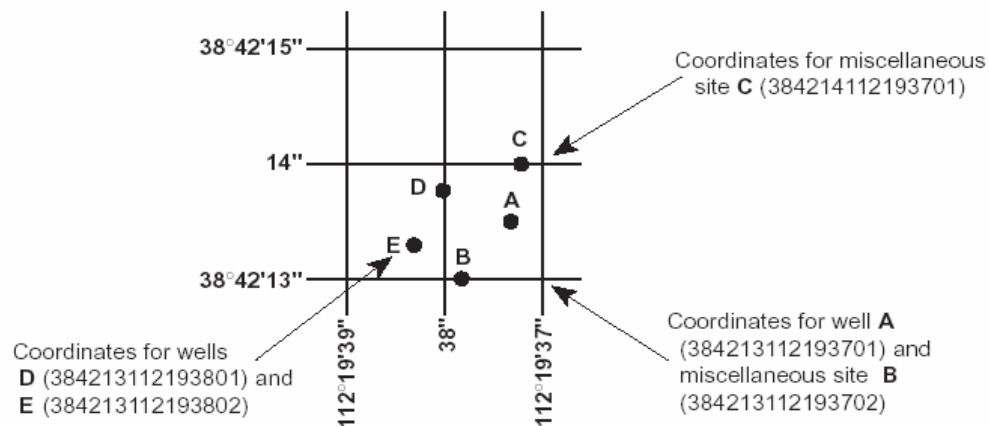


Figure 3. System for numbering wells and miscellaneous sites (latitude and longitude).

SPECIAL NETWORKS AND PROGRAMS

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

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

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

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

Assessment activities are being conducted in 42 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents is measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for water-resources managers to use in making decisions and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and Federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key Federal, State, and local water-resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities to collaborate efforts among the agencies. Additional information about the NAWQA Program may be accessed from <http://water.usgs.gov/nawqa/>.

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

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations (figs. 4-12) consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, land-line or cellular-phone modems, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the Techniques of Water-Resources Investigations of the United States Geological Survey (TWRIs), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2, which may be accessed from <http://water.usgs.gov/pubs/twri/>. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

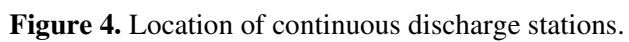
For stream-gaging stations, discharge-rating tables for any stage are prepared from stage-discharge curves. If extensions to the rating curves are necessary to express discharge greater than measured, the extensions are made on the basis of indirect measurements of peak discharge (such as slope-area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

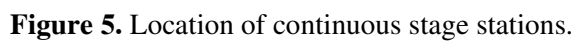
The stage-discharge relation at some stream-gaging stations is affected by backwater from reservoirs, tributary streams, or other sources. Such an occurrence necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage at some distance from the base gage.

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

At some stations, stage-discharge relation is affected by changing stage. At these stations, the rate of change in stage is used as a factor in computing discharge.

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





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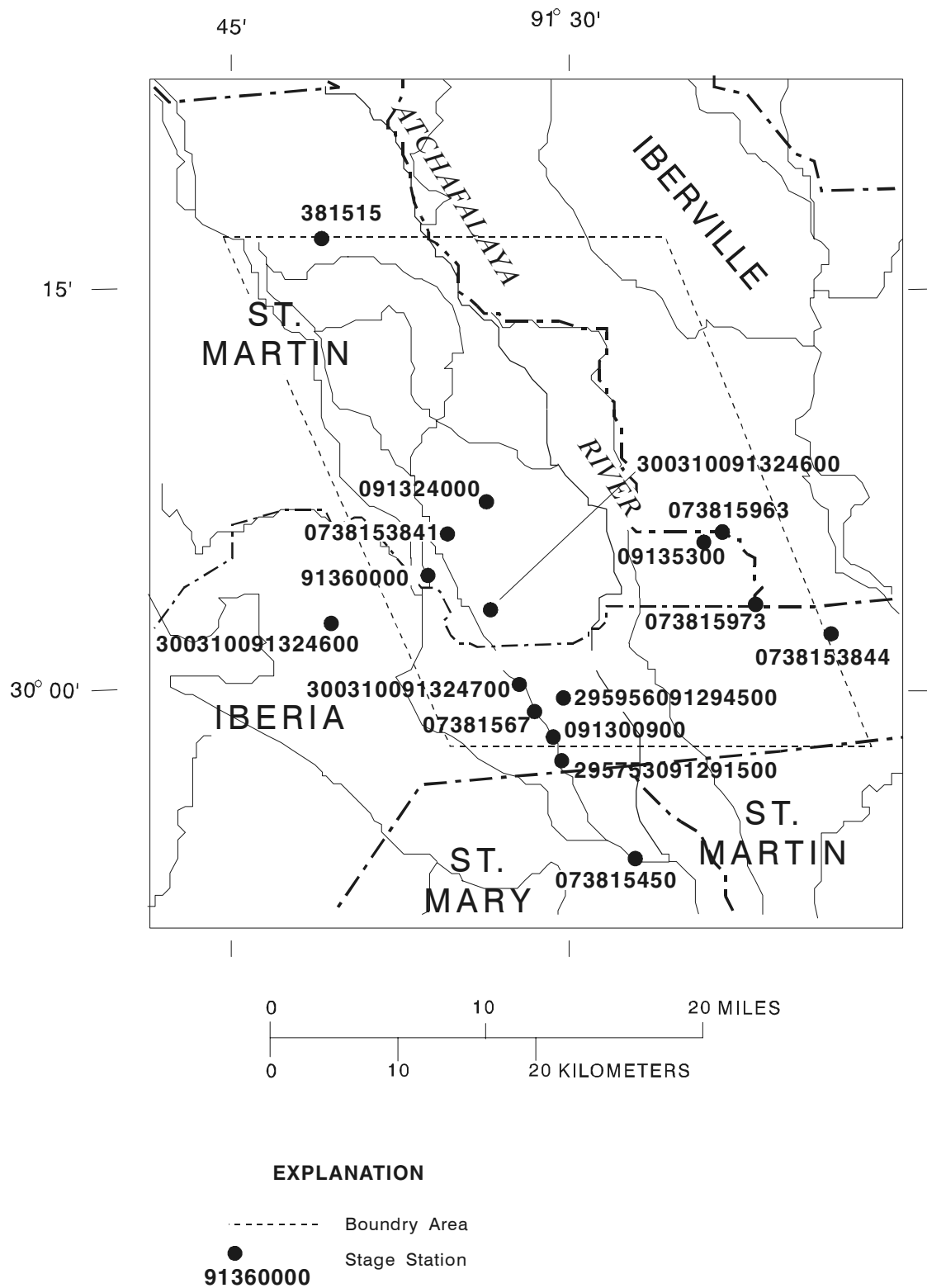
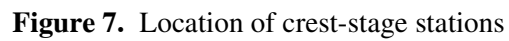
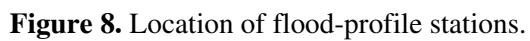
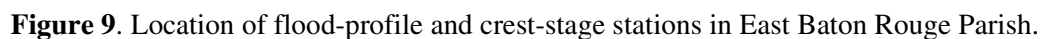


Figure 6. Location of stage stations in the Atchafalaya River Basin (shaded area of fig. 5).







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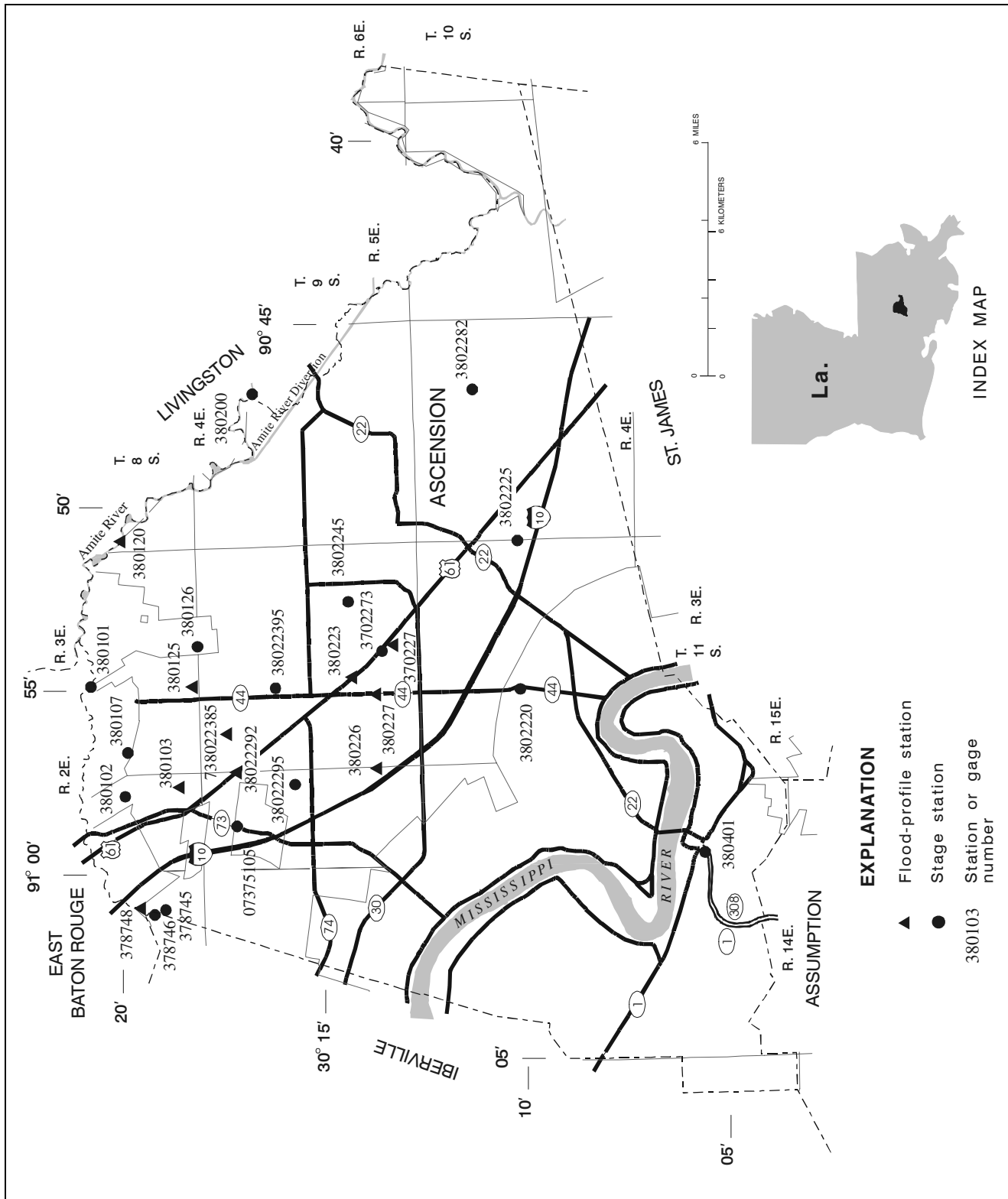


Figure 10. Location of continuous stage and flood-profile stations in Ascension Parish.

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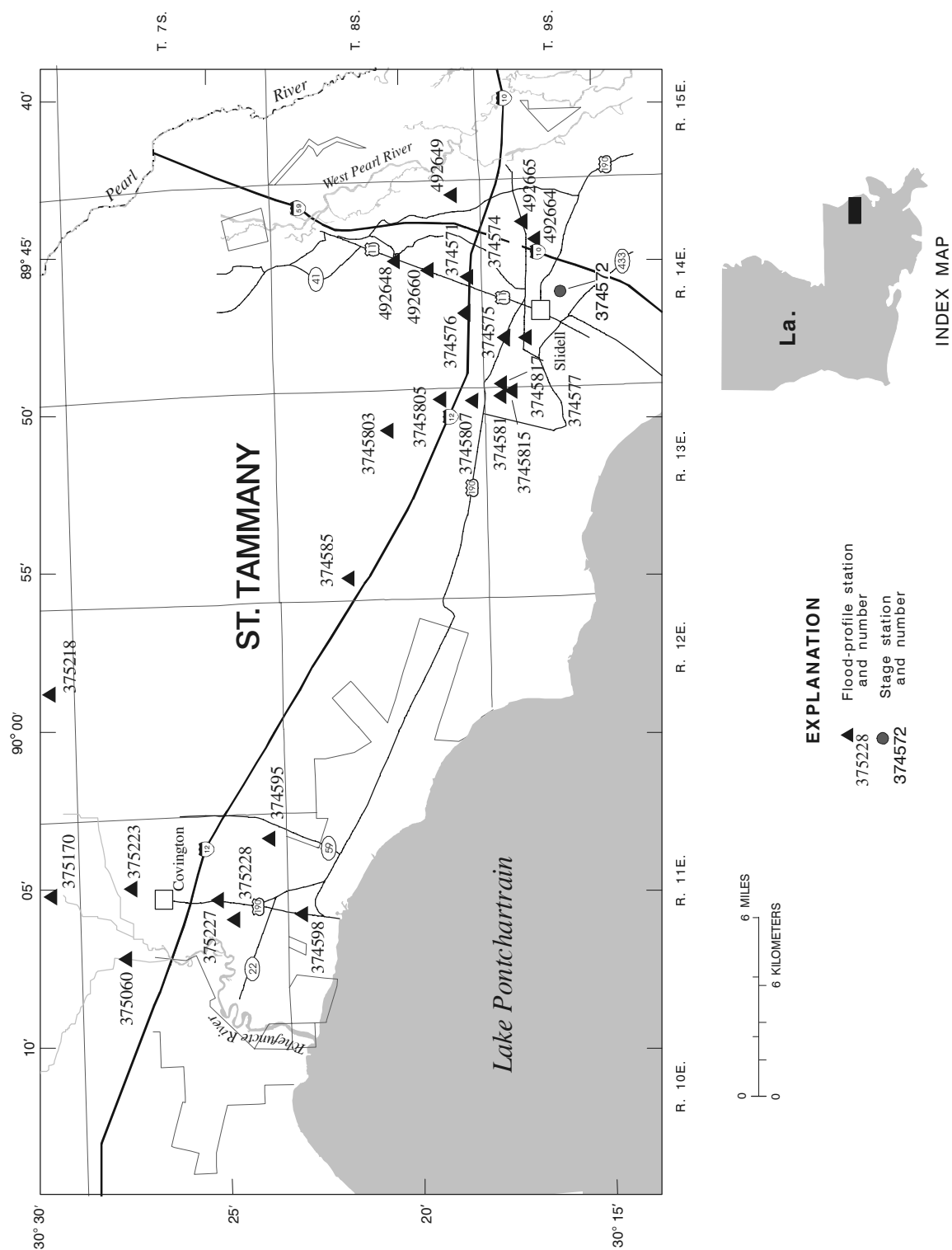


Figure 11. Location of flood-profile stations in St. Tammany Parish.

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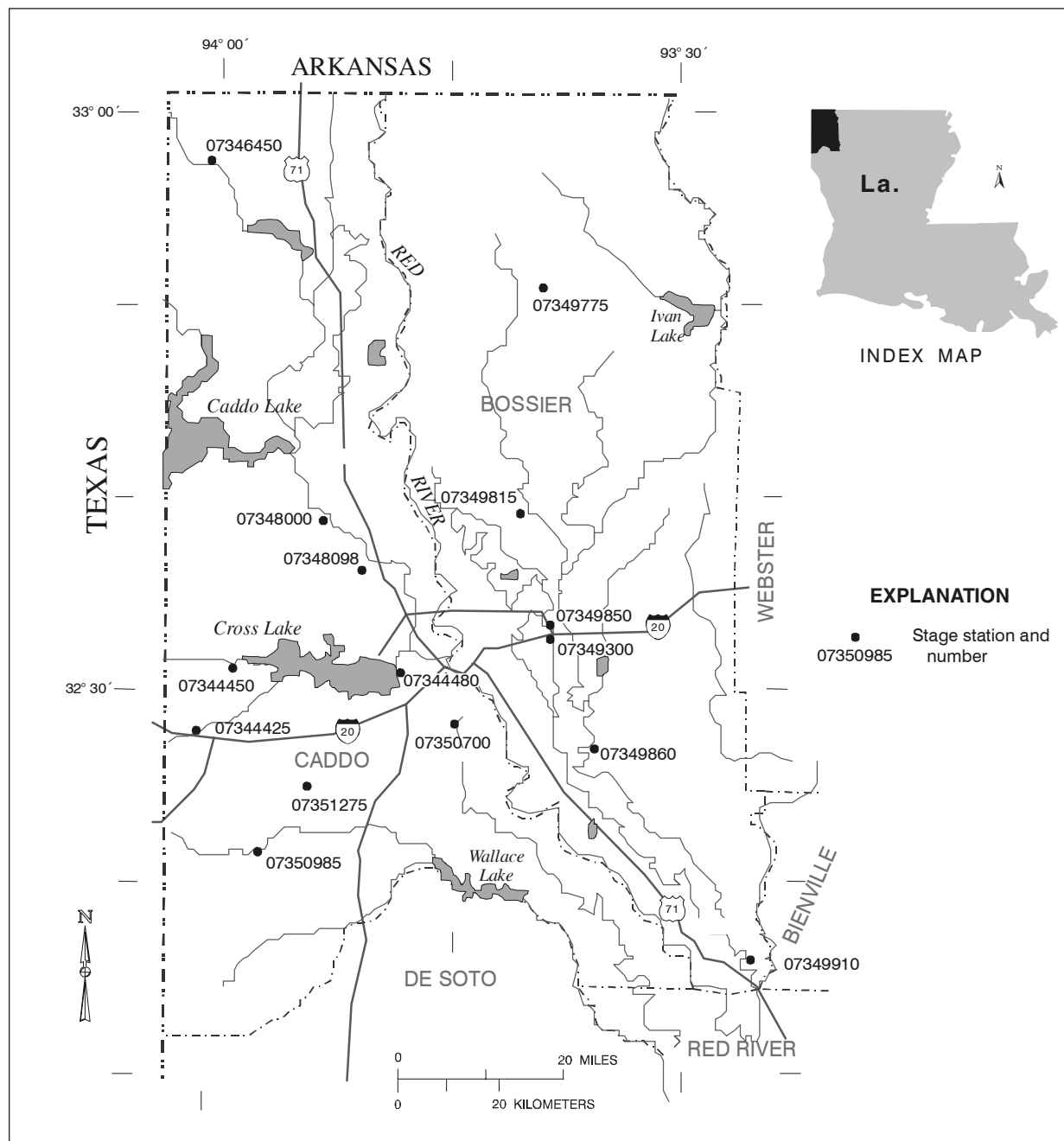


Figure 12. Location of stage stations in Caddo and Bossier Parishes.

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

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

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

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of four parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; and (4) a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration.

Station Manuscript

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

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

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

PERIOD OF RECORD.—This term indicates the time period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that its flow reasonably can be considered equivalent to flow at the present station.

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

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.—All periods of estimated daily discharge either will be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented relative to the accuracy of the records, to special methods of computation, and 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, the outlet works and spillway, and the purpose and use of the reservoir.

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

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

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

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

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

Peak Discharge Greater than Base Discharge

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

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Data Table of Daily Mean Values

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

Statistics of Monthly Mean Data

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

Summary Statistics

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

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

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The following summary statistics data are provided with each continuous record of discharge. Comments that follow clarify information presented under the various line headings of the SUMMARY STATISTICS table.

ANNUAL TOTAL.—The sum of the daily mean values of discharge for the year.

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

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

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

HIGHEST DAILY MEAN.—The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.—The minimum daily mean discharge for the year or for the designated period.

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

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

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

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

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

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

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

Inches (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.—The discharge that has been exceeded 10 percent of the time for the designated period.

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

90 PERCENT EXCEEDS.—The discharge that has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two tables. The first table lists annual maximum stage and discharge at crest-stage stations, and the second table lists discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified. This identification is shown either by flagging individual daily values with the letter “e” and noting in a table footnote, “e—Estimated,” or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

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

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

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft³/s; to the nearest tenths between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to 3 significant figures above 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharge values listed for partial-record stations.

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

Other Data Records Available

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

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

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

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

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

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

Water Analysis

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

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One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross-section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

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

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

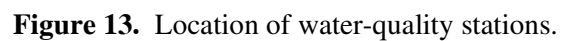
SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data are useful in the interpretation of surface-water quality. Records of surface-water quality in this report involve a variety of types of data and measurement frequencies.

Classification of Records

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

A careful distinction needs to be made between *continuous records* as used in this report and *continuous recordings* that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as 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 13.



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Accuracy of the Records

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

Rating classifications for continuous water-quality records

[\leq , less than or equal to; \pm , plus or minus value shown; $^{\circ}\text{C}$, degree Celsius; $>$, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical property	Rating			
	Excellent	Good	Fair	Poor
Water temperature	$\leq \pm 0.2^{\circ}\text{C}$	$> \pm 0.2$ to 0.5°C	$> \pm 0.5$ to 0.8°C	$> \pm 0.8^{\circ}\text{C}$
Specific conductance	$\leq \pm 3\%$	$> \pm 3$ to 10%	$> \pm 10$ to 15%	$> \pm 15\%$
Dissolved oxygen	$\leq \pm 0.3$ mg/L	$> \pm 0.3$ to 0.5 mg/L	$> \pm 0.5$ to 0.8 mg/L	$> \pm 0.8$ mg/L
pH	$\leq \pm 0.2$ unit	$> \pm 0.2$ to 0.5 unit	$> \pm 0.5$ to 0.8 unit	$> \pm 0.8$ unit
Turbidity	$\leq \pm 5\%$	$> \pm 5$ to 10%	$> \pm 10$ to 15%	$> \pm 15\%$

Arrangement of Records

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

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as water temperature, pH, and dissolved oxygen, must be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI's Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9, which may be accessed from <http://water.usgs.gov/pubs/twri/>. Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS District office (see address that is shown on the back of title page in this report).

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Water Temperature

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

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the District office.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

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

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

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

Laboratory Measurements

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. All other samples are analyzed in the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. These methods are consistent with ASTM standards and generally follow ISO standards.

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

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

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

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

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

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

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

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

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

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

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Remark Codes

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

Printed Output	Remark
E or 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).
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted).
D	Biological organism count equal to or greater than 15 percent (dominant).
V	Analyte was detected in both the environmental sample and the associated blanks.
&	Biological organism estimated as dominant.

Water-Quality Control Data

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

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

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

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

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Blank Samples

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

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

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

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

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

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

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

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

Reference Samples

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

Replicate Samples

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

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

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

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

Spike Samples

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

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

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

Site Identification Numbers

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

Data Collection and Computation

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

Most methods for collecting and analyzing water samples are described in the TWRI's referred to in the On-site Measurements and Sample Collection and the Laboratory Measurements sections in this report. In addition, TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in TWRI's Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1 through A9. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. The values in this report represent water-quality conditions at the time of sampling, as much as possible, and that are consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. Trained personnel collected all samples. The wells sampled were pumped long enough to ensure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported as daily mean values of depth to water level for the current water year with summary data.

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

Data Presentation

Water-level data are presented in alphabetical order by parish. The primary identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number, derived from the parish location (abbreviated) followed by a sequential number. Well locations are shown in figures 14-17; each well is identified on the map by its local well number.

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

The following comments clarify information presented in these various headings.

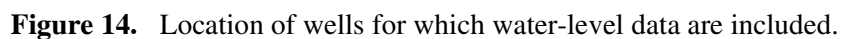
LOCATION.—This paragraph follows the well-identification number and reports the hydrologic-unit number and a geographic point of reference. Latitudes and longitudes used in this report are reported as North American Datum of 1927 unless otherwise specified.

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

WELL CHARACTERISTICS.—This entry describes the well in terms of depth, casing diameter and depth or screened interval, method of construction, use, and changes since construction.

INSTRUMENTATION.—Wells equipped with recorders include this paragraph which provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.—This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above the altitude datum; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so forth), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above National Geodetic Vertical Datum of 1929 (NGVD 29); it is reported with a precision depending on the method of determination.



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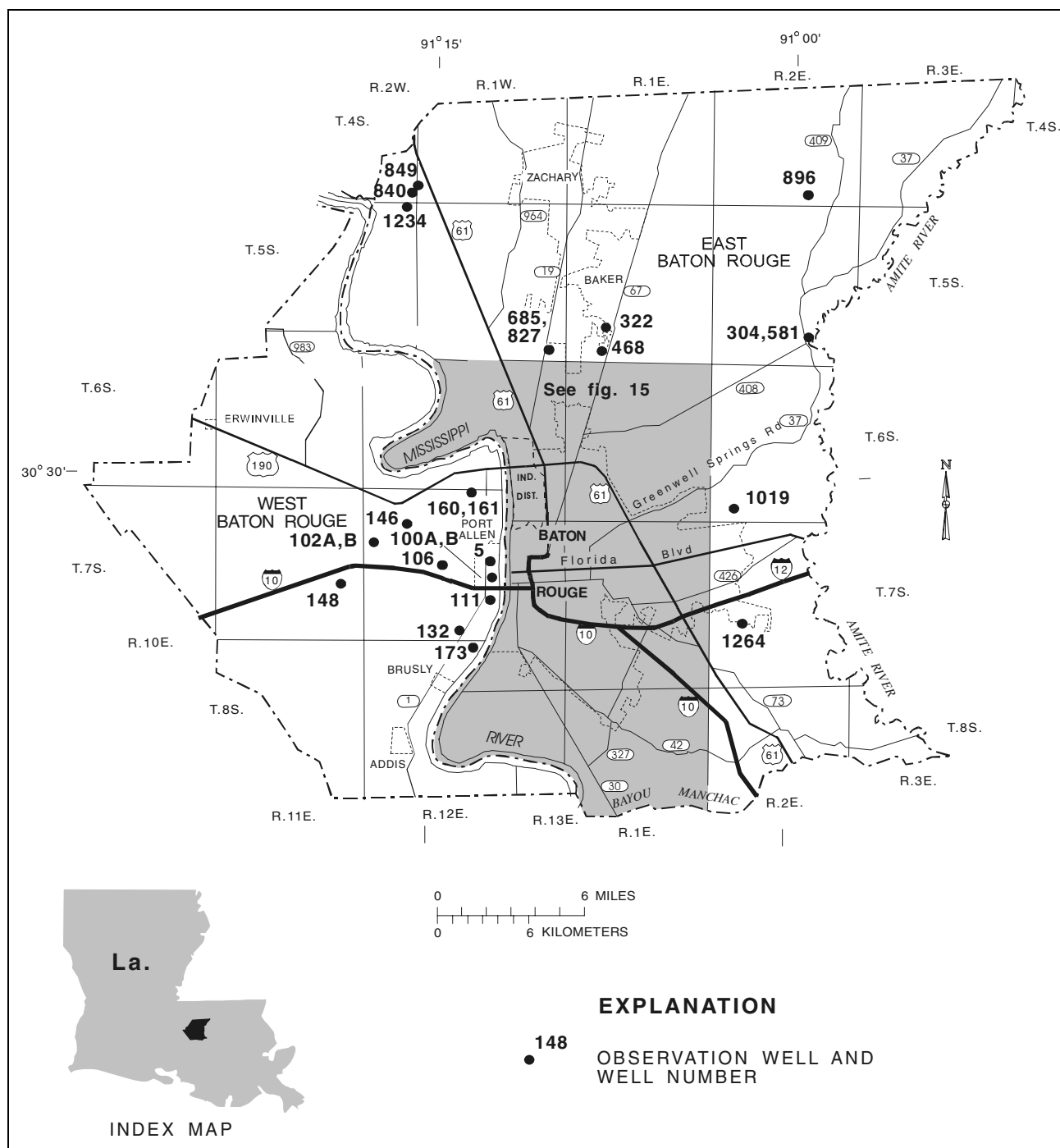


Figure 15. Location of wells for which water-level data are included in East and West Baton Rouge Parishes.

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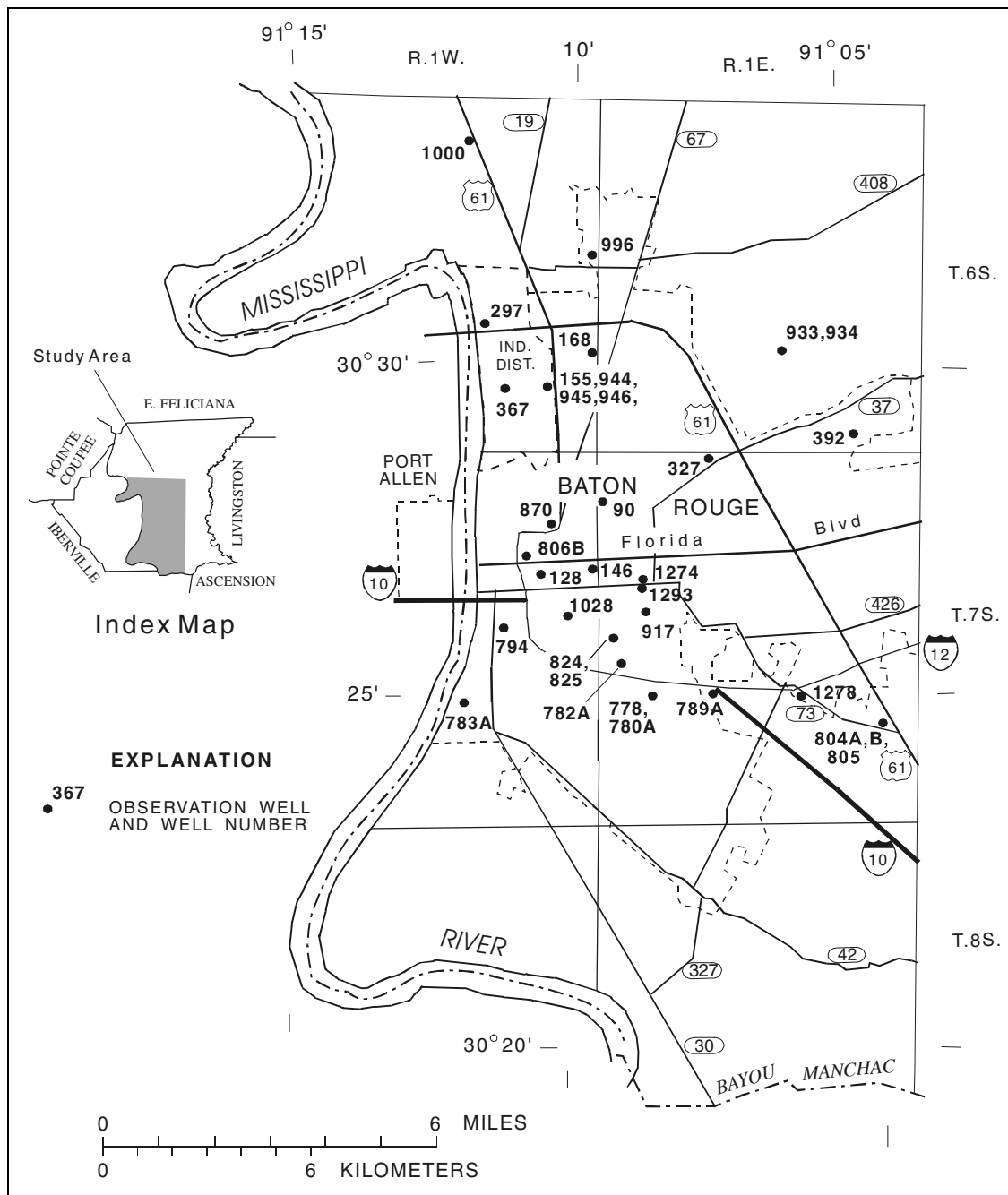


Figure 16. Location of wells for which water-level data are included in shaded area of figure 15.

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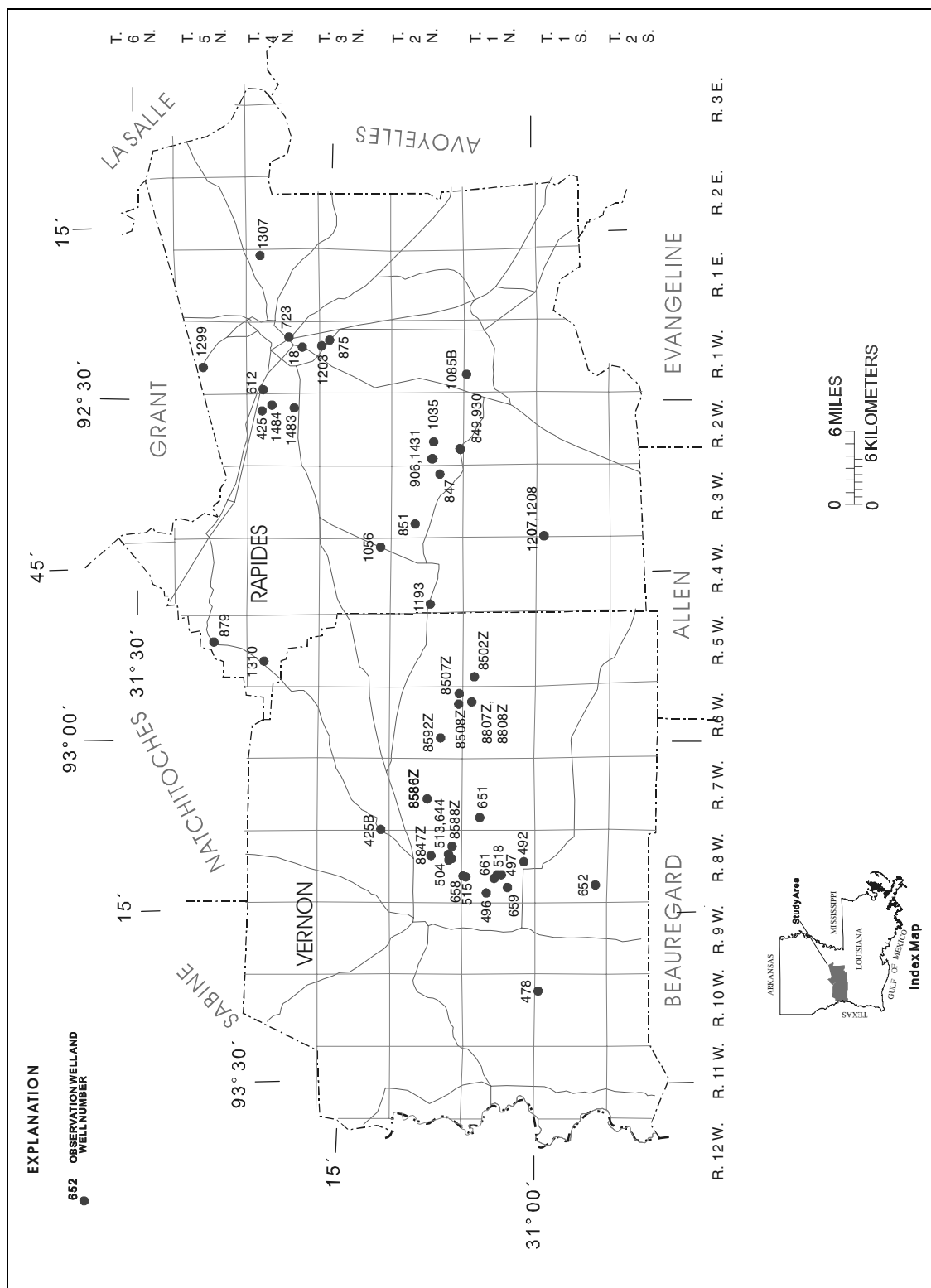


Figure 17. Location of wells for which water-level data are included in Vernon and Rapides Parishes.

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REMARKS.—This entry describes factors that may influence the water level in a well or the measurement of the water level, when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

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

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

Water-Level Tables

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

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

Hydrographs

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

GROUND-WATER-QUALITY DATA

Data Collection and Computation

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

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

Data Presentation

The records of ground-water quality are published in a section titled "QUALITY OF GROUND WATER" which immediately follows the ground-water-level records. Data for quality of ground water are listed alphabetically by parish, and are identified by well number. No descriptive statements are given for ground-water-quality records; however, the well number, station number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water. Well locations are shown in figures 18-20; each well is identified on the map by its local well number.

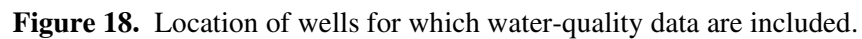
Laboratory Measurements

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance, and dissolved oxygen are performed on site. All other sample analyses are performed at the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used by the USGS laboratory are given in TWRI, Book 1, Chapter D2; and Book 5, Chapters A1, A3, and A4, which may be accessed from <http://water.usgs.gov/pubs/twri/>.

ACCESS TO USGS WATER DATA

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

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



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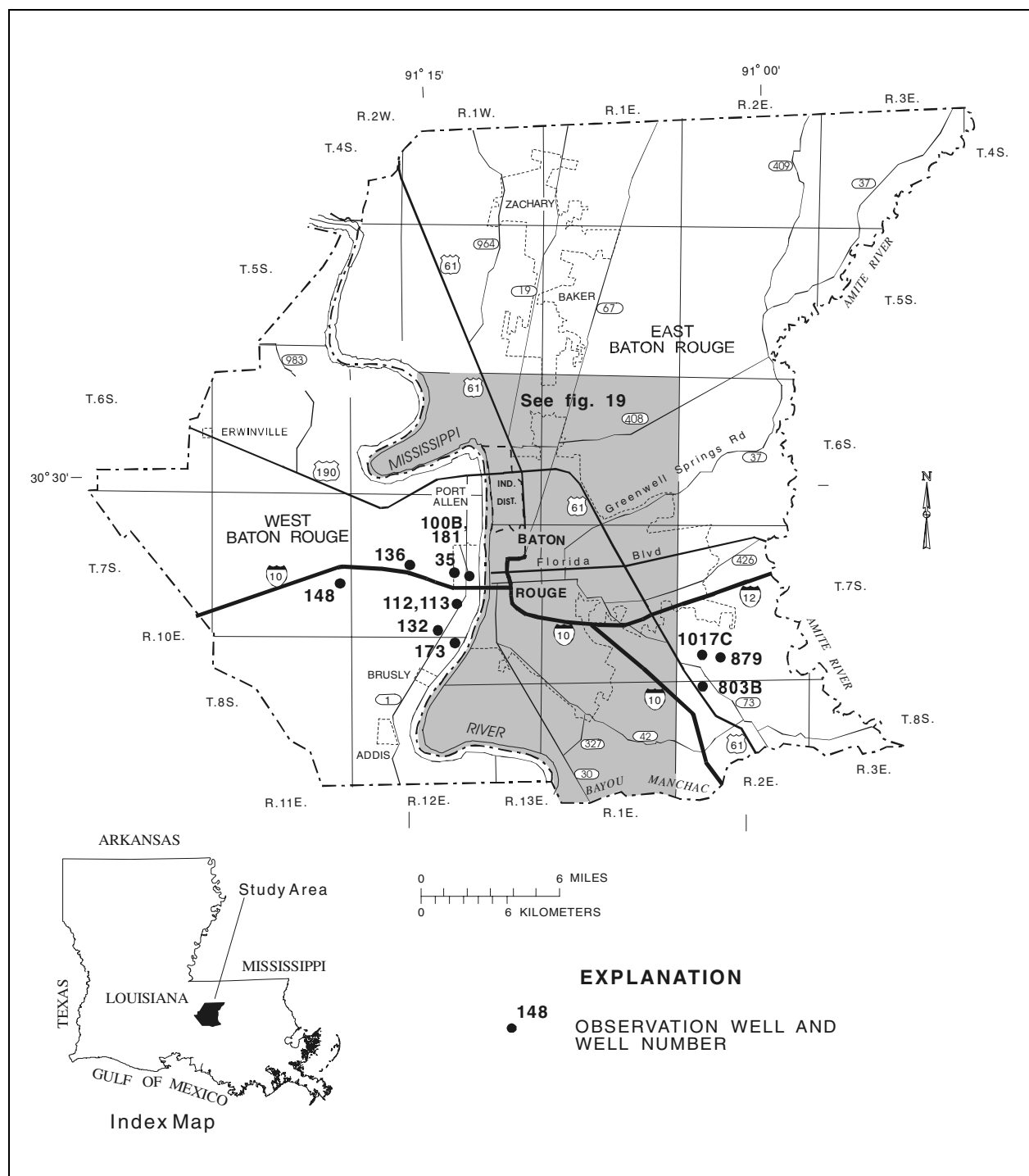


Figure 19. Location of wells for which water quality data are included in East and West Baton Rouge Parishes.

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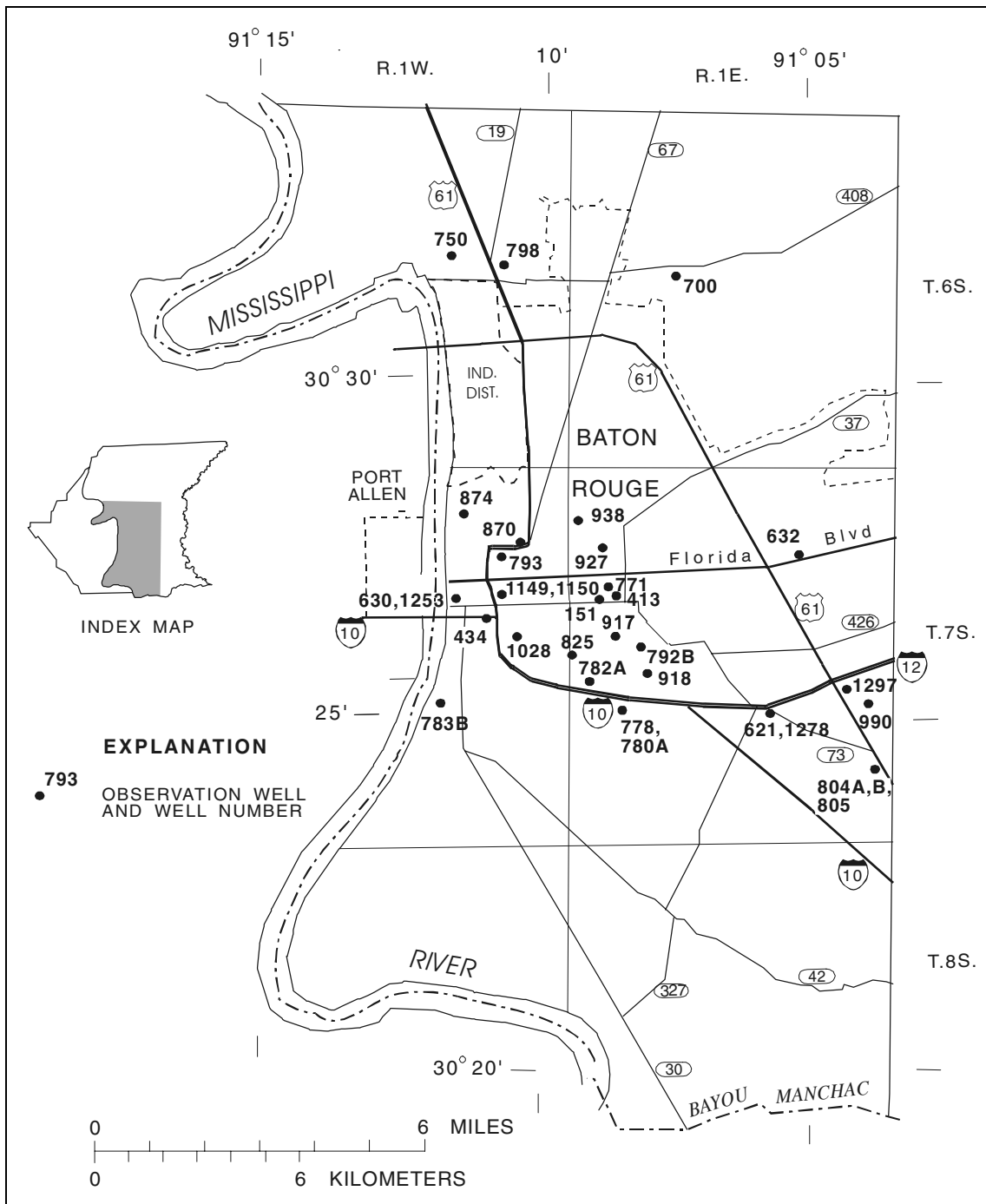


Figure 20. Location of wells for which water-quality data are included in shaded area of figure 19.

DEFINITION OF TERMS

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

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

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

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

Adjusted discharge is discharge data that have been mathematically adjusted (for example, to remove the effects of a daily tide cycle or reservoir storage).

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

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

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

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar year and the water year (October 1 through September 30). Most low-flow frequency analyses use a climatic year (April 1-March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day, 10-year low-flow statistic.)

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

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

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

Aspect is the direction toward which a slope faces with respect to the compass.

DEFINITION OF TERMS--Continued

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

Bankfull stage, as used in this report, is the stage at which a stream first overflows its natural banks formed by floods with 1- to 3-year recurrence intervals.

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

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

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

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

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

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

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

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

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

Blue-green algae (*Cyanophyta*) are a group of phytoplankton and periphyton organisms with a blue pigment in addition to a green pigment called chlorophyll. Blue-green algae can cause nuisance water-quality conditions in lakes and slow-flowing rivers; however, they are found commonly in streams throughout the year. The abundance of blue-green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of blue-green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also "Phytoplankton" and "Periphyton")

Bottom material (See "Bed material")

Bulk electrical conductivity is the combined electrical conductivity of all material within a doughnut-shaped volume surrounding an induction probe. Bulk conductivity is affected by different physical and chemical properties of the material including the dissolved-solids content of the pore water, and the lithology and porosity of the rock.

Canadian Geodetic Vertical Datum 1928 is a geodetic datum derived from a general adjustment of Canada's first order level network in 1928.

DEFINITION OF TERMS--Continued

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

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

pi (π) is the ratio of the circumference to the diameter of a circle; $\pi = 3.14159\dots$

From cell volume, total algal biomass expressed as biovolume ($\mu\text{m}^3/\text{mL}$) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes for all species.

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

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

Channel bars, as used in this report, are the lowest prominent geomorphic features higher than the channel bed.

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

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

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

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

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

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

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

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

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

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

DEFINITION OF TERMS--Continued

Cubic foot per second-day (CFS-DAY, Cfs-day, [(ft³/s)/d]) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily mean discharges reported in the daily value data tables numerically are equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, (ft³/s)/mi²] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also "Annual runoff")

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

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

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

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

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

Diatoms (*Bacillariophyta*) are unicellular or colonial algae with a siliceous cell wall. The abundance of diatoms in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter (µm³/mL). The abundance of diatoms in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter (µm³/cm²). (See also "Phytoplankton" and "Periphyton")

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

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

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

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

DEFINITION OF TERMS--Continued

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the “residue-on-evaporation” method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4917 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L CaCO₃) can be converted to carbonate concentration by multiplying by 0.60.

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

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

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

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

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

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

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

Embeddedness is the degree to which gravel-sized and larger particles are surrounded or enclosed by finer-sized particles. (See also “Substrate embeddedness class”)

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

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

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

DEFINITION OF TERMS--Continued

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

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

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

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

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

Filtered pertains to constituents in a water sample passed through a filter of specified pore diameter, most commonly 0.45 micrometer or less for inorganic analytes and 0.7 micrometer for organic analytes.

Filtered, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that has passed through a filter has been extracted. Complete recovery is not achieved by the extraction procedure and thus the analytical determination represents something less than 95 percent of the total constituent concentration in the sample. To achieve comparability of analytical data, equivalent extraction procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results.

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

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

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

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

DEFINITION OF TERMS--Continued

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

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

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

Geomorphic channel units, as used in this report, are fluvial geomorphic descriptors of channel shape and stream velocity. Pools, riffles, and runs are types of geomorphic channel units considered for National Water-Quality Assessment (NAWQA) Program habitat sampling.

Green algae (*Chlorophyta*) are unicellular or colonial algae with chlorophyll pigments similar to those in terrestrial green plants. Some forms of green algae produce mats or floating "moss" in lakes. The abundance of green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also "Phytoplankton" and "Periphyton")

Habitat, as used in this report, includes all nonliving (physical) aspects of the aquatic ecosystem, although living components like aquatic macrophytes and riparian vegetation also are usually included. Measurements of habitat typically are made over a wider geographic scale than are measurements of species distribution.

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

Hardness of water is a physical-chemical characteristic that commonly is recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate (CaCO₃).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. See NOAA Web site: <http://www.csc.noaa.gov/text/glossary.html> (see "High water")

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

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

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

Horizontal datum (See "Datum")

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

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

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

DEFINITION OF TERMS--Continued

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

International Boundary Commission Survey Datum refers to a geodetic datum established at numerous monuments along the United States-Canada boundary by the International Boundary Commission.

Island, as used in this report, is a mid-channel bar that has permanent woody vegetation, is flooded once a year, on average, and remains stable except during large flood events.

Laboratory reporting level (LRL) generally is equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a “less than” (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory (NWQL) collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current quality-control data and, therefore, may change. The LRL replaces the term ‘non-detection value’ (NDV).

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

Latent heat flux (often used interchangeably with latent heat-flux density) is the amount of heat energy that converts water from liquid to vapor (evaporation) or from vapor to liquid (condensation) across a specified cross-sectional area per unit time. Usually expressed in watts per square meter.

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

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

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

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

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

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

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. *See NOAA Web site:*
<http://www.csc.noaa.gov/text/glossary.html> (see “low Water”)

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

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

DEFINITION OF TERMS--Continued

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

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

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

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

Megahertz is a unit of frequency. One megahertz equals one million cycles per second.

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

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

Method code is a one-character code that identifies the analytical or field method used to determine a value stored in the National Water Information System (NWIS).

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

Method of Cubatures is a method of computing discharge in tidal estuaries based on the conservation of mass equation.

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

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

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

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

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

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

Minimum reporting level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method.

DEFINITION OF TERMS--Continued

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

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

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

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

National Geodetic Vertical Datum of 1929 (NGVD 29) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It formerly was called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations, it does not necessarily represent local mean sea level at any particular place. See NOAA Web site: <http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88> (See "North American Vertical Datum of 1988")

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

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

Nonfilterable refers to the portion of the total residue retained by a filter.

North American Datum of 1927 (NAD 27) is the horizontal control datum for the United States that was defined by a location and azimuth on the Clarke spheroid of 1866.

North American Datum of 1983 (NAD 83) is the horizontal control datum for the United States, Canada, Mexico, and Central America that is based on the adjustment of 250,000 points including 600 satellite Doppler stations that constrain the system to a geocentric origin. NAD 83 has been officially adopted as the legal horizontal datum for the United States by the Federal government.

North American Vertical Datum of 1988 (NAVD 88) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian, Mexican, and United States first-order terrestrial leveling networks.

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

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

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

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m²), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

WATER RESOURCES DATA - LOUISIANA, 2004

DEFINITION OF TERMS--Continued

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

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

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

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

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

Classification	Size (mm)	Method of analysis
Clay	>0.00024 - 0.004	Sedimentation
Silt	>0.004 - 0.062	Sedimentation
Sand	>0.062 - 2.0	Sedimentation/sieve
Gravel	>2.0 - 64.0	Sieve
Cobble	>64 - 256	Manual measurement
Boulder	>256	Manual measurement

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

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

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

Percent shading is a measure of the amount of sunlight potentially reaching the stream. A clinometer is used to measure left and right bank canopy angles. These values are added together, divided by 180, and multiplied by 100 to compute percentage of shade.

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

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

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

DEFINITION OF TERMS--Continued

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many dissolved chemical constituents found in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They usually are 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 commonly are known as algae. (See also "Plankton")

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

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

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

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

Pool, as used in this report, is a small part of a stream reach with little velocity, commonly with water deeper than surrounding areas.

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

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

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

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

Reach, as used in this report, is a length of stream that is chosen to represent a uniform set of physical, chemical, and biological conditions within a segment. It is the principal sampling unit for collecting physical, chemical, and biological data.

DEFINITION OF TERMS--Continued

Recoverable is the amount of a given constituent that is in solution after a representative water sample has been extracted or digested. Complete recovery is not achieved by the extraction or digestion and thus the determination represents something less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also "Bed material")

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

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

Return period (See "Recurrence interval")

Riffle, as used in this report, is a shallow part of the stream where water flows swiftly over completely or partially submerged obstructions to produce surface agitation.

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

Run, as used in this report, is a relatively shallow part of a stream with moderate velocity and little or no surface turbulence.

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

Salinity is the total quantity of dissolved salts, measured by weight in parts per thousand. Values in this report are calculated from specific conductance and temperature. Seawater has an average salinity of about 35 parts per thousand (for additional information, refer to: Miller, R.L., Bradford, W.L., and Peters, N.E., 1988, Specific conductance: theoretical considerations and application to analytical quality control: U.S. Geological Survey Water-Supply Paper 2311, 16 p.)

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

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

Sensible heat flux (often used interchangeably with latent sensible heat-flux density) is the amount of heat energy that moves by turbulent transport through the air across a specified cross-sectional area per unit time and goes to heating (cooling) the air. Usually expressed in watts per square meter.

DEFINITION OF TERMS--Continued

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

Shelves, as used in this report, are streambank features extending nearly horizontally from the flood plain to the lower limit of persistent woody vegetation.

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

Soil heat flux (often used interchangeably with soil heat-flux density) is the amount of heat energy that moves by conduction across a specified cross-sectional area of soil per unit time and goes to heating (or cooling) the soil. Usually expressed in watts per square meter.

Soil-water content is the water lost from the soil upon drying to constant mass at 105 °C; expressed either as mass of water per unit mass of dry soil or as the volume of water per unit bulk volume of soil.

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

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

Stage (See "Gage height")

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

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

Substrate is the physical surface upon which an organism lives.

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

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

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

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

DEFINITION OF TERMS--Continued

Surrogate is an analyte that behaves similarly to a target analyte, but that is highly unlikely to occur in a sample. A surrogate is added to a sample in known amounts before extraction and is measured with the same laboratory procedures used to measure the target analyte. Its purpose is to monitor method performance for an individual sample.

Suspended is the amount (concentration) of undissolved material in a water-sediment mixture. Most commonly refers to that material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer filter has been extracted or digested. Complete recovery is not achieved by the extraction or digestion procedures and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also "Suspended")

Suspended sediment is sediment carried in suspension by the turbulent components of the fluid or by the Brownian movement (a law of physics). (See also "Sediment")

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

Suspended-sediment discharge (tons/d) is the rate of sediment transport, as measured by dry mass or volume, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft³/s) x 0.0027. (See also "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

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

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

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

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

Taxa (Species) richness is the number of species (taxa) present in a defined area or sampling unit.

WATER RESOURCES DATA - LOUISIANA, 2004

DEFINITION OF TERMS--Continued

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>

Thalweg is the line formed by connecting points of minimum streambed elevation (deepest part of the channel).

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

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

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

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

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

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

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

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

DEFINITION OF TERMS--Continued

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

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

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

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

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

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

Transect, as used in this report, is a line across a stream perpendicular to the flow and along which measurements are taken, so that morphological and flow characteristics along the line are described from bank to bank. Unlike a cross section, no attempt is made to determine known elevation points along the line.

DEFINITION OF TERMS--Continued

Turbidity is an expression of the optical properties of a liquid that causes light rays to be scattered and absorbed rather than transmitted in straight lines through water. Turbidity, which can make water appear cloudy or muddy, is caused by the presence of suspended and dissolved matter, such as clay, silt, finely divided organic matter, plankton and other microscopic organisms, organic acids, and dyes (ASTM International, 2003, D1889–00 Standard test method for turbidity of water, *in* ASTM International, Annual Book of ASTM Standards, Water and Environmental Technology, v. 11.01: West Conshohocken, Pennsylvania, 6 p.). The color of water, whether resulting from dissolved compounds or suspended particles, can affect a turbidity measurement. To ensure that USGS turbidity data can be understood and interpreted properly within the context of the instrument used and site conditions encountered, data from each instrument type are stored and reported in the National Water Information System (NWIS) using parameter codes and measurement reporting units that are specific to the instrument type, with specific instruments designated by the method code. The respective measurement units, many of which also are in use internationally, fall into two categories: (1) the designations NTU, NTRU, BU, AU, and NTMU signify the use of a broad spectrum incident light in the wavelength range of 400-680 nanometers (nm), but having different light detection configurations; (2) The designations FNU, FNRU, FBU, FAU, and FNMU generally signify an incident light in the range between 780-900 nm, also with varying light detection configurations. These reporting units are equivalent when measuring a calibration solution (for example, formazin or polymer beads), but their respective instruments may not produce equivalent results for environmental samples. Specific reporting units are as follows:

NTU (Nephelometric Turbidity Units): white or broadband [400-680 nm] light source, 90 degree detection angle, one detector.

NTRU (Nephelometric Turbidity Ratio Units): white or broadband [400-680 nm] light source, 90 degree detection angle, multiple detectors with ratio compensation.

BU (Backscatter Units): white or broadband [400-680 nm] light source, 30 ± 15 degree detection angle (backscatter).

AU (Attenuation Units): white or broadband [400-680 nm] light source, 180 degree detection angle (attenuation).

NTMU (Nephelometric Turbidity Multibeam Units): white or broadband [400-680 nm] light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

FNU (Formazin Nephelometric Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, one detector.

FNRU (Formazin Nephelometric Ratio Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, multiple detectors, ratio compensation.

FBU (Formazin Backscatter Units): near infrared [780-900 nm] or monochrome light source, 30±15 degree detection angle.

FAU (Formazin Attenuation Units): near infrared [780-900 nm] light source, 180 degree detection angle.

FNMU (Formazin Nephelometric Multibeam Units): near infrared [780-900 nm] or monochrome light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

For more information please see http://water.usgs.gov/owq/FieldManual/Chapter6/6.7_contents.html.

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

Unconfined aquifer is an aquifer whose upper surface is a water table free to fluctuate under atmospheric pressure. (See “Water-table aquifer”)

Unfiltered pertains to the constituents in an unfiltered, representative water-suspended sediment sample.

Unfiltered, recoverable is the amount of a given constituent in a representative water-suspended sediment sample that has been extracted or digested. Complete recovery is not achieved by the extraction or digestion treatment and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results.

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DEFINITION OF TERMS--Continued

Vertical datum (See “Datum”)

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

Water table is that surface in a ground-water body at which the water pressure is equal to the atmospheric pressure.

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

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

Watershed (See “Drainage basin”)

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

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

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

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

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

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

TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS OF THE GEOLOGICAL SURVEY

The USGS publishes a series of manuals, the Techniques of Water-Resources Investigations, 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.

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

SURFACE WATER RECORDS

Surface water daily records are presented on the following pages.

02489500 PEARL RIVER NEAR BOGALUSA, LA

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

DRAINAGE AREA.--6,573 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 54.64 ft above NAVD 88. Prior to July 29, 1954, nonrecording gage at same site and datum.

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

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,280	2,910	17,400	12,500	20,800	37,700	4,710	9,370	4,220	27,900	3,650	5,100
2	2,210	2,840	18,000	14,200	17,900	31,300	4,580	7,750	7,670	30,400	3,500	5,150
3	2,160	2,650	17,800	14,400	14,100	e28,000	4,280	7,390	14,500	30,200	3,360	4,770
4	2,150	2,490	16,000	13,900	10,800	e25,500	3,930	7,480	20,100	30,200	3,590	4,060
5	2,160	2,540	13,400	13,500	8,910	e22,900	3,670	8,810	24,100	30,800	3,630	3,570
6	2,150	2,710	11,800	13,000	9,080	e22,300	3,560	8,300	26,800	32,100	3,330	3,120
7	2,130	2,630	10,500	12,800	18,200	e22,500	3,500	6,510	27,000	33,000	3,190	3,000
8	2,160	2,420	9,390	15,000	28,100	e22,800	3,480	5,530	21,500	33,500	e3,150	3,640
9	2,160	2,340	8,150	17,100	35,000	23,000	3,450	5,080	15,100	34,100	e3,100	3,830
10	2,230	2,380	6,900	17,200	41,000	26,000	3,420	4,520	12,400	34,100	e3,120	3,840
11	2,350	2,310	5,940	17,100	54,200	27,200	3,410	3,920	10,200	32,600	e3,140	3,590
12	2,450	2,190	5,160	17,900	60,400	26,600	3,420	3,800	7,910	27,300	3,180	3,150
13	2,420	2,110	4,860	18,100	63,500	25,600	3,460	6,110	6,170	19,100	3,490	2,780
14	2,450	2,100	4,970	17,200	65,800	26,500	3,550	7,980	5,460	13,900	3,200	2,590
15	2,970	2,110	5,500	15,100	68,700	24,500	3,780	8,230	5,110	11,300	2,880	2,690
16	3,010	2,090	5,740	12,500	68,900	20,900	4,030	10,300	5,450	9,250	2,790	2,820
17	2,890	2,060	5,750	10,800	66,500	17,800	4,010	15,000	6,200	7,330	2,860	2,580
18	2,850	2,170	5,480	9,830	63,500	15,300	4,180	19,400	7,260	6,310	2,910	2,420
19	3,170	2,460	5,190	8,900	59,400	12,700	4,190	23,000	8,990	5,950	2,890	2,310
20	3,590	2,870	5,180	9,250	56,800	10,600	3,970	23,900	8,940	5,830	2,830	2,220
21	3,340	3,570	5,090	10,600	52,100	9,070	4,010	22,700	8,110	5,800	2,800	2,180
22	2,940	4,180	4,780	10,200	45,600	7,520	3,950	21,200	7,420	5,440	2,970	2,130
23	2,650	4,110	4,660	9,230	41,400	6,600	3,610	18,000	6,600	e5,300	3,070	2,090
24	2,420	3,700	4,580	8,720	38,500	6,460	3,400	13,100	6,440	e4,960	2,960	2,080
25	2,330	3,520	4,520	7,790	40,900	6,270	3,450	9,530	8,060	e4,800	3,000	2,060
26	3,270	3,730	4,350	7,060	59,900	5,860	4,650	7,310	13,700	e4,500	3,020	2,040
27	4,340	4,300	4,910	11,000	58,200	5,370	6,750	5,750	15,600	e4,300	3,650	2,020
28	3,290	5,760	5,580	16,900	54,300	4,930	8,740	4,930	18,500	e4,290	4,840	1,990
29	2,720	11,600	5,520	20,500	45,700	4,710	11,000	4,400	22,000	e4,270	5,010	1,970
30	2,590	15,800	6,000	22,400	---	4,810	11,200	3,940	23,000	3,940	4,790	1,950
31	2,810	---	9,280	22,500	---	4,680	---	3,720	---	3,740	5,000	---
TOTAL	82,640	108,650	242,380	427,180	1,268,190	535,980	137,340	306,960	374,510	506,510	104,900	87,740
MEAN	2,666	3,622	7,819	13,780	43,730	17,290	4,578	9,902	12,480	16,340	3,384	2,925
MAX	4,340	15,800	18,000	22,500	68,900	37,700	11,200	23,900	27,000	34,100	5,010	5,150
MIN	2,130	2,060	4,350	7,060	8,910	4,680	3,400	3,720	4,220	3,740	2,790	1,950
CFSM	0.41	0.55	1.19	2.10	6.65	2.63	0.70	1.51	1.90	2.49	0.51	0.44
IN.	0.47	0.61	1.37	2.42	7.18	3.03	0.78	1.74	2.12	2.87	0.59	0.50

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

MEAN	3,145	4,425	9,795	15,310	19,930	20,790	18,940	11,830	5,714	4,825	3,860	3,040
MAX	15,690	20,760	40,080	48,900	56,830	46,670	67,290	56,770	22,540	26,570	16,710	12,220
(WY)	(2003)	(2003)	(1983)	(1974)	(1990)	(1987)	(1980)	(1991)	(1983)	(1940)	(1975)	(2001)
MIN	1,110	1,233	1,713	2,174	2,133	3,678	3,214	1,926	1,651	1,564	1,398	1,246
(WY)	(1964)	(1964)	(1955)	(1956)	(2000)	(2000)	(1963)	(1963)	(1963)	(1969)	(2000)	(1954)

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	4,713,620		4,182,980		10,050	
ANNUAL MEAN	12,910		11,430		22,560	
HIGHEST ANNUAL MEAN					3,412	
LOWEST ANNUAL MEAN					127,000	
HIGHEST DAILY MEAN	76,800	Feb 27	68,900	Feb 16	127,000	Apr 24, 1979
LOWEST DAILY MEAN	2,060	Nov 17	1,950	Sep 30	1,020	Oct 29, 1963
ANNUAL SEVEN-DAY MINIMUM	2,120	Nov 12	2,020	Sep 24	1,030	Oct 26, 1963
MAXIMUM PEAK FLOW			75,700	Feb 16	129,000	Apr 24, 1979
MAXIMUM PEAK STAGE			21.50	Feb 16	23.23	Apr 24, 1979
INSTANTANEOUS LOW FLOW			1,940	Sep 30	1,020	Oct 30, 1963
ANNUAL RUNOFF (CFSM)	1.96		1.74		1.53	
ANNUAL RUNOFF (INCHES)	26.68		23.67		20.77	
10 PERCENT EXCEEDS	31,500		27,500		27,800	
50 PERCENT EXCEEDS	6,030		5,460		4,600	
90 PERCENT EXCEEDS	2,630		2,420		1,850	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.14	9.09	17.73	16.23	18.49	20.31	11.12	14.72	10.82	19.49	10.12	11.87
2	8.03	8.98	17.88	16.88	17.85	19.83	10.98	13.75	13.87	19.75	9.92	11.93
3	7.95	8.70	17.84	16.97	16.85	---	10.62	13.52	16.95	19.73	9.73	11.47
4	7.93	8.45	17.39	16.78	15.69	---	10.19	13.58	18.34	19.74	10.03	10.62
5	7.96	8.53	16.59	16.63	14.73	---	9.87	14.40	19.06	19.79	10.09	10.01
6	7.93	8.79	15.92	16.43	14.81	---	9.73	14.09	19.38	19.91	9.69	9.40
7	7.91	8.66	15.31	16.37	17.85	---	9.65	12.88	19.40	19.99	9.49	9.21
8	7.96	8.34	14.62	17.13	19.50	---	9.61	12.03	18.60	20.04	---	10.10
9	7.95	8.24	13.77	17.66	20.15	18.89	9.57	11.56	17.13	20.08	---	10.35
10	8.06	8.28	12.80	17.70	20.53	19.29	9.53	10.91	16.30	20.08	---	10.36
11	8.24	8.18	11.87	17.66	20.80	19.42	9.52	10.18	15.39	19.96	---	10.03
12	8.39	8.00	11.10	17.85	20.96	19.35	9.53	10.03	14.13	19.42	9.47	9.44
13	8.35	7.88	10.75	17.90	21.03	19.24	9.59	12.47	12.87	18.11	9.91	8.90
14	8.40	7.85	10.88	17.70	21.10	19.35	9.71	13.90	12.24	16.80	9.51	8.61
15	9.17	7.87	11.44	17.16	21.21	19.10	10.0	14.05	11.88	15.90	9.05	8.75
16	9.24	7.85	11.66	16.37	21.21	18.49	10.31	15.18	12.22	14.91	8.90	8.96
17	9.06	7.80	11.67	15.70	21.12	17.82	10.28	17.02	12.90	13.75	9.01	8.59
18	8.99	7.96	11.42	15.22	21.03	17.13	10.49	18.19	13.70	13.00	9.09	8.35
19	9.46	8.41	11.13	14.74	20.93	16.29	10.50	18.89	14.78	12.69	9.05	8.18
20	10.04	9.03	11.12	14.92	20.87	15.40	10.24	19.05	14.75	12.58	8.97	8.05
21	9.70	10.01	11.01	15.60	20.75	14.55	10.29	18.85	14.25	12.55	8.93	7.99
22	9.14	10.77	10.65	15.40	20.62	13.60	10.21	18.56	13.82	12.22	9.18	7.91
23	8.70	10.70	10.51	14.92	20.52	13.02	9.79	17.87	13.24	---	9.33	7.85
24	8.35	10.19	10.41	14.63	20.40	12.85	9.50	16.53	13.11	---	9.16	7.83
25	8.22	9.95	10.34	14.06	20.50	12.69	9.56	15.06	14.19	---	9.23	7.80
26	9.56	10.23	10.14	13.58	20.95	12.33	11.05	13.74	16.73	---	9.26	7.76
27	10.96	10.91	10.80	15.66	20.91	11.88	13.04	12.50	17.29	---	10.09	7.72
28	9.63	12.45	11.51	17.61	20.81	11.38	14.35	11.67	17.99	---	11.56	7.68
29	8.80	15.92	11.46	18.41	20.60	11.13	15.58	11.04	18.72	---	11.76	7.64
30	8.61	17.35	11.93	18.79	---	11.24	15.69	10.48	18.89	10.48	11.51	7.59
31	8.93	---	14.50	18.80	---	11.09	---	10.21	---	10.23	11.74	---
MAX	10.96	17.35	17.88	18.80	21.21	---	15.69	19.05	19.40	---	---	11.93
MIN	7.91	7.80	10.14	13.58	14.73	---	9.50	10.03	10.82	---	---	7.59

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

AVERAGE DISCHARGE.--22 years (water years 1929-31, 1939-57), 1,596 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, 21,000 ft³/s, maximum gage height, 14.93 ft, Feb. 8; minimum gage height, 0.01 ft, Oct. 24, 25, Nov. 14, 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.09	0.09	1.55	2.48	1.68	2.90	0.73	1.03	---	7.06	0.69	0.91
2	0.08	0.08	0.78	1.40	1.35	2.58	0.71	1.77	---	8.17	0.69	0.66
3	0.07	0.08	0.53	0.98	1.06	---	0.69	1.87	---	8.15	1.04	0.61
4	0.08	0.07	0.42	0.76	0.86	---	0.67	1.86	---	7.34	0.81	0.58
5	0.07	0.07	0.35	0.70	0.90	---	0.66	1.28	---	5.14	0.66	0.52
6	0.07	0.07	0.29	0.79	6.49	---	0.64	0.98	---	3.33	0.64	0.53
7	0.12	0.07	0.26	1.11	12.58	---	0.64	0.83	---	2.73	0.69	0.54
8	0.13	0.06	0.24	1.05	14.38	---	0.64	0.74	---	2.83	0.65	0.47
9	0.10	0.06	0.24	1.29	8.12	---	0.61	0.67	---	3.42	0.60	---
10	0.17	0.05	0.27	2.18	3.83	---	0.60	0.62	---	2.94	0.60	---
11	0.19	0.05	0.25	2.19	3.35	---	0.60	0.60	---	2.77	0.60	---
12	0.17	0.06	0.22	1.44	9.27	---	0.75	1.75	---	2.11	1.93	---
13	0.14	0.05	0.29	1.01	13.89	---	0.79	5.49	---	1.67	1.35	---
14	0.12	0.02	0.59	0.81	13.33	---	0.67	4.19	---	1.43	0.74	---
15	0.09	0.02	0.66	0.69	8.81	1.55	0.62	8.59	0.86	1.28	0.59	0.44
16	0.07	0.04	0.55	0.61	5.71	1.49	0.59	11.42	0.87	1.16	0.52	0.53
17	0.07	0.06	0.39	0.56	4.20	1.40	0.56	11.02	0.85	1.14	0.49	0.44
18	0.07	0.22	0.30	0.82	3.03	1.28	0.54	9.26	0.88	1.10	0.46	0.43
19	0.06	0.62	0.26	1.12	2.57	1.18	0.52	6.35	0.89	1.02	0.45	0.42
20	0.05	0.53	0.23	1.56	2.55	1.10	0.51	4.51	1.31	0.94	0.46	0.42
21	0.04	0.43	0.22	1.04	2.55	1.03	0.50	3.50	1.06	0.88	0.64	0.41
22	0.04	0.26	0.21	0.76	2.54	0.97	0.49	2.59	0.83	0.85	0.83	0.41
23	0.03	0.19	0.23	0.62	3.41	0.92	0.48	2.10	1.06	0.87	0.75	0.41
24	0.02	0.30	0.34	0.55	9.92	0.89	0.47	---	2.14	0.93	0.73	---
25	0.02	0.37	0.44	0.59	13.81	0.87	0.84	---	4.89	0.84	0.59	---
26	0.58	0.34	0.35	3.02	13.41	0.85	4.90	---	6.83	0.87	0.52	---
27	0.45	0.45	0.29	4.41	8.19	0.83	3.16	---	6.65	0.92	0.49	---
28	0.27	2.41	0.26	4.34	5.46	0.81	2.43	---	7.61	0.85	0.54	---
29	0.20	3.23	0.58	2.85	3.80	0.80	1.36	---	6.39	0.82	1.20	---
30	0.13	2.64	3.03	1.76	---	0.79	1.02	---	6.76	0.74	1.10	---
31	0.10	---	3.77	1.80	---	0.77	---	---	---	0.69	1.31	---
MAX	0.58	3.23	3.77	4.41	14.38	---	4.90	---	---	8.17	1.93	---
MIN	0.02	0.02	0.21	0.55	0.86	---	0.47	---	---	0.69	0.45	---

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 NGVD 1929 (levels by Corps of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 9	1930	25,400	13.33	May 17	0500	22,300	12.89
Feb 15	0300	25,600	13.36	Jun 29	2000	13,000	11.41
Feb 27	0300	*26,200	*13.45	Jul 4	0400	11,200	11.07

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	789	815	2,430	3,320	2,000	5,670	1,100	1,400	997	9,860	995	1,280
2	781	800	1,700	2,440	1,850	3,870	1,070	1,470	2,020	9,390	977	1,080
3	773	789	1,260	1,680	1,630	3,080	1,060	1,880	2,310	10,700	976	963
4	771	780	1,090	1,390	1,440	2,630	1,040	1,850	2,440	11,200	1,110	958
5	773	775	1,010	1,310	1,350	2,360	1,020	1,750	2,240	10,500	1,010	931
6	769	774	959	1,360	1,860	2,250	1,010	1,400	1,710	7,820	972	884
7	770	769	921	1,370	4,850	2,710	1,000	1,200	1,420	4,470	943	879
8	802	764	902	1,480	11,700	3,210	1,000	1,100	1,500	3,240	951	869
9	813	759	890	1,550	23,200	3,440	985	1,030	1,710	3,190	935	832
10	832	756	898	1,780	18,800	3,400	968	986	1,560	3,790	1,020	809
11	913	752	905	2,180	7,140	2,510	969	960	1,210	3,540	987	793
12	901	754	890	2,100	4,670	1,990	987	1,120	1,000	2,920	1,020	783
13	861	751	911	1,660	7,970	1,780	1,070	3,560	880	2,280	1,720	785
14	829	740	1,020	1,400	20,600	1,660	1,080	6,090	832	1,850	1,360	783
15	809	730	1,140	1,270	24,400	1,640	1,010	6,480	881	1,620	1,040	798
16	790	733	1,140	1,180	17,000	1,890	971	13,000	974	1,480	936	817
17	777	741	1,060	1,160	8,990	1,880	945	21,200	906	1,380	890	849
18	772	775	970	1,240	5,320	1,700	925	18,300	832	1,380	861	789
19	769	926	920	1,330	3,660	1,560	909	16,200	804	1,320	843	759
20	766	1,070	891	1,500	2,790	1,470	896	11,500	877	1,250	840	744
21	760	1,010	872	1,620	2,400	1,390	885	6,240	1,090	1,190	920	734
22	754	944	863	1,370	2,130	1,330	874	3,740	909	1,140	1,040	728
23	752	865	887	1,200	2,200	1,280	864	2,370	871	1,150	1,080	732
24	751	841	942	1,120	3,780	1,240	852	1,770	1,070	1,170	1,020	739
25	748	898	978	1,090	9,230	1,220	919	1,460	2,360	1,160	976	743
26	841	926	993	1,200	21,600	1,200	1,740	1,270	5,800	1,120	912	736
27	1,660	984	941	2,850	24,400	1,180	3,640	1,130	11,700	1,530	872	728
28	1,380	1,310	908	3,810	15,700	e1,160	3,090	1,020	11,500	1,600	859	723
29	1,010	2,460	922	4,010	9,200	1,150	2,260	946	12,300	1,240	914	715
30	896	2,810	1,510	2,950	---	1,140	1,590	891	11,600	1,110	1,240	709
31	843	---	2,880	2,130	---	1,130	---	859	---	1,030	1,230	---
TOTAL	26,455	28,801	34,603	56,050	261,860	64,120	36,729	134,172	86,303	106,620	31,449	24,672
MEAN	853	960	1,116	1,808	9,030	2,068	1,224	4,328	2,877	3,439	1,014	822
MAX	1,660	2,810	2,880	4,010	24,400	5,670	3,640	21,200	12,300	11,200	1,720	1,280
MIN	748	730	863	1,090	1,350	1,130	852	859	804	1,030	840	709
CFSM	0.70	0.79	0.92	1.49	7.44	1.71	1.01	3.57	2.37	2.84	0.84	0.68
IN.	0.81	0.88	1.06	1.72	8.03	1.97	1.13	4.11	2.65	3.27	0.96	0.76

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

MEAN	984	1,257	2,122	2,874	3,526	3,334	3,175	2,096	1,449	1,309	1,139	1,054
MAX	4,774	4,298	7,751	10,020	10,240	9,284	14,640	8,770	5,387	4,305	3,024	3,140
(WY)	(2003)	(1962)	(1962)	(1998)	(1966)	(1943)	(1983)	(1991)	(1975)	(2003)	(1953)	(2002)
MIN	422	484	689	703	807	892	722	574	534	451	405	493
(WY)	(1969)	(1970)	(1940)	(1956)	(2000)	(2000)	(1963)	(2000)	(2000)	(2000)	(2000)	(2000)

02492000 BOGUE CHITTO NEAR BUSH, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1938 - 2004	
ANNUAL TOTAL	769,285		891,834		2,019	
ANNUAL MEAN	2,108		2,437		730	
HIGHEST ANNUAL MEAN					3,697	
LOWEST ANNUAL MEAN					1983	
HIGHEST DAILY MEAN	38,000	Feb 25	24,400	Feb 15	126,000	Apr 8, 1983
LOWEST DAILY MEAN	730	Nov 15	709	Sep 30	369	Oct 26, 1968
ANNUAL SEVEN-DAY MINIMUM	743	Nov 11	728	Sep 24	382	Oct 25, 1968
MAXIMUM PEAK FLOW			26,200	Feb 27	132,000	Apr 8, 1983
MAXIMUM PEAK STAGE			13.45	Feb 27	21.22	Apr 8, 1983
INSTANTANEOUS LOW FLOW			707	Sep 30	a366	Oct 22, 1968
INSTANTANEOUS LOW STAGE			3.07	Sep 30	b.70	Oct 1, 1937
ANNUAL RUNOFF (CFSM)	1.74		2.01		1.66	
ANNUAL RUNOFF (INCHES)	23.59		27.35		22.61	
10 PERCENT EXCEEDS	3,630		4,720		3,840	
50 PERCENT EXCEEDS	1,140		1,100		1,140	
90 PERCENT EXCEEDS	806		774		645	

a Also occurred Oct. 23, 26, 29, 1968

b Also occurred Oct 29-30, 1940; Oct 22-27, 1941.

c Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.43	3.49	6.72	7.90	5.99	9.52	4.18	4.83	4.84	10.78	3.94	4.54
2	3.41	3.46	5.43	6.71	5.70	8.41	4.12	4.96	6.91	10.67	3.89	4.08
3	3.39	3.43	4.53	5.39	5.30	7.61	4.08	5.77	7.44	10.95	3.89	3.80
4	3.38	3.40	4.17	4.80	4.92	7.03	4.04	5.72	7.61	11.05	4.21	3.78
5	3.38	3.39	3.98	4.63	4.74	6.61	4.00	5.52	7.30	10.93	3.98	3.71
6	3.37	3.39	3.85	4.75	5.68	6.42	3.96	4.82	6.35	10.27	3.88	3.59
7	3.38	3.37	3.76	4.78	8.99	7.12	3.96	4.42	5.78	8.82	3.81	3.58
8	3.46	3.36	3.71	5.01	11.10	7.77	3.95	4.19	5.95	7.81	3.82	3.55
9	3.49	3.35	3.68	5.13	13.01	8.04	3.91	4.03	6.36	7.75	3.78	3.45
10	3.54	3.34	3.70	5.57	12.40	7.99	3.87	3.92	6.06	8.35	3.99	3.39
11	3.74	3.33	3.72	6.31	10.36	6.83	3.88	3.85	5.33	8.13	3.91	3.34
12	3.71	3.34	3.68	6.16	9.46	5.97	3.92	4.20	4.86	7.41	3.98	3.31
13	3.61	3.33	3.74	5.34	10.58	5.58	4.12	7.97	4.57	6.48	5.45	3.32
14	3.53	3.30	3.99	4.84	12.66	5.35	4.13	9.73	4.45	5.71	4.72	3.31
15	3.48	3.27	4.27	4.55	13.19	5.31	3.97	9.90	4.57	5.27	4.02	3.35
16	3.43	3.28	4.28	4.36	12.14	5.78	3.88	11.32	4.80	4.99	3.77	3.39
17	3.40	3.30	4.09	4.32	10.85	5.77	3.82	12.73	4.63	4.79	3.65	3.47
18	3.38	3.39	3.88	4.50	9.79	5.44	3.77	12.29	4.45	4.80	3.58	3.32
19	3.37	3.77	3.76	4.69	8.67	5.16	3.73	11.95	4.37	4.67	3.53	3.23
20	3.37	4.10	3.68	5.03	7.71	4.97	3.70	11.12	4.56	4.51	3.52	3.19
21	3.35	3.98	3.64	5.28	7.13	4.82	3.67	10.0	5.07	4.38	3.72	3.16
22	3.33	3.82	3.62	4.76	6.68	4.69	3.64	8.82	4.64	4.28	4.01	3.15
23	3.33	3.62	3.68	4.41	6.78	4.58	3.62	7.47	4.55	4.29	4.11	3.15
24	3.33	3.56	3.81	4.23	8.71	4.50	3.59	6.46	5.00	4.34	3.96	3.17
25	3.32	3.70	3.90	4.16	10.84	4.45	3.75	5.87	7.35	4.31	3.85	3.18
26	3.55	3.77	3.93	4.40	12.80	4.40	5.40	5.46	9.77	4.22	3.69	3.16
27	5.34	3.91	3.81	7.25	13.19	4.37	8.23	5.15	11.16	5.08	3.59	3.13
28	4.78	4.63	3.73	8.39	11.87	---	7.62	4.91	11.13	5.22	3.55	3.11
29	3.97	6.73	3.76	8.53	10.62	4.29	6.43	4.73	11.27	4.49	3.68	3.09
30	3.70	7.28	5.01	7.42	---	4.28	5.22	4.60	11.14	4.20	4.45	3.07
31	3.56	---	7.34	6.22	---	4.24	---	4.52	---	4.02	4.44	---
MAX	5.34	7.28	7.34	8.53	13.19	---	8.23	12.73	11.27	11.05	5.45	4.54
MIN	3.32	3.27	3.62	4.16	4.74	---	3.59	3.85	4.37	4.02	3.52	3.07

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

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

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to January 2000, datum of gage is 0.05 ft. below NGVD of 1929 (levels by Corps of Engineers, Mobile District). Prior to September 1970, supplemental gage located on East Pearl River at different datum for the determination of daily mean discharge for the entire flood plain.

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

AVERAGE DISCHARGE.--7 years (water years 1964-70) 9,470 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, 93,900 ft³/s, Feb. 16; maximum gage height, 17.60 ft, Feb. 16; minimum gage height, 4.85 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.89	10.92	9.64	13.35	16.52	7.73	11.03	7.47	15.18	7.15	8.00
2	---	5.95	11.77	10.74	13.34	15.95	7.68	10.99	8.03	15.05	7.18	8.11
3	---	5.93	12.08	11.36	13.11	15.21	7.63	10.46	9.76	15.19	6.94	8.08
4	---	5.81	12.17	11.63	12.60	14.45	7.47	9.99	11.31	15.40	6.76	7.97
5	---	5.67	12.12	11.69	11.93	13.91	7.20	9.74	12.50	15.44	6.83	7.55
6	---	5.57	11.80	11.72	11.25	13.59	6.95	9.78	13.32	15.46	7.00	7.04
7	---	5.63	11.29	11.59	11.06	13.38	6.82	9.85	13.71	15.44	6.82	6.58
8	---	5.66	10.81	11.45	11.97	13.26	6.69	9.41	13.95	15.34	6.59	6.26
9	---	5.52	10.36	11.61	13.72	13.30	6.59	8.68	13.94	15.31	6.44	6.47
10	---	5.40	9.85	12.00	15.42	13.52	6.53	8.55	13.36	15.39	6.43	6.75
11	---	5.38	9.22	12.34	16.27	13.84	6.49	8.77	12.41	15.51	6.64	6.82
12	---	5.36	8.57	12.49	16.53	14.06	6.49	8.10	11.53	15.48	6.73	6.75
13	---	5.24	8.00	12.51	16.73	14.12	6.45	9.76	10.67	15.21	6.67	6.48
14	---	5.14	7.66	12.51	16.94	14.07	6.48	10.76	9.91	14.43	7.15	6.15
15	5.56	5.10	7.62	12.47	17.27	14.04	6.52	11.67	9.32	13.23	6.93	5.93
16	5.80	5.09	7.82	12.27	17.53	14.10	6.60	12.34	8.88	12.11	6.45	6.12
17	6.01	5.09	7.98	11.95	17.52	13.92	6.77	13.21	8.76	11.23	6.17	6.04
18	5.95	5.17	7.97	11.71	17.34	13.39	6.82	14.73	8.87	10.48	6.08	5.87
19	5.89	5.21	7.86	11.29	17.12	12.77	6.88	15.13	9.15	9.69	6.09	5.65
20	6.01	5.45	7.64	10.81	16.91	12.14	6.94	15.14	9.66	9.15	6.09	5.50
21	6.35	5.91	7.53	10.56	16.70	11.45	6.84	15.01	10.10	8.85	6.11	5.41
22	6.37	6.40	7.47	10.65	16.50	10.74	6.73	14.62	10.19	8.72	6.17	5.36
23	6.09	6.87	7.35	10.77	16.41	10.07	6.72	14.14	10.20	8.54	6.33	5.39
24	5.80	7.03	7.29	10.60	16.41	9.45	6.57	13.63	10.02	8.16	6.43	5.34
25	5.54	6.87	7.21	10.36	16.30	9.09	6.66	12.85	10.27	7.74	6.35	5.22
26	5.40	6.73	7.17	10.12	16.43	8.91	9.16	11.79	11.48	7.40	6.26	5.14
27	6.08	6.91	7.06	9.89	16.88	8.71	10.14	10.65	12.72	7.27	6.23	5.02
28	7.70	7.48	7.16	10.52	17.15	8.44	10.77	9.60	13.94	7.66	6.44	4.93
29	7.34	8.23	7.66	11.71	16.96	8.15	10.65	8.71	14.50	8.06	7.17	4.89
30	6.44	9.65	7.94	12.73	---	7.89	10.68	8.11	15.05	7.85	7.74	4.86
31	5.95	---	8.47	13.21	---	7.79	---	7.65	---	7.42	7.99	---
MAX	---	9.65	12.17	13.21	17.53	16.52	10.77	15.14	15.05	15.51	7.99	8.11
MIN	---	5.09	7.06	9.64	11.06	7.79	6.45	7.65	7.47	7.27	6.08	4.86

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA

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

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 8.15 ft, Sep. 15, 2004, but may have been higher after gage was destroyed during Hurricane Ivan; minimum recorded gage height, 1.28 ft, Mar. 10, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 8.15 ft, Sept. 15; minimum gage height, 1.28 ft, Mar. 10.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.15	4.56	5.28	6.03	3.57	4.91	4.59	3.90	4.26	4.87	3.63	4.23
2	6.12	4.22	5.13	5.54	4.18	4.99	4.76	4.18	4.39	5.00	3.39	4.18
3	6.20	4.28	5.22	5.37	4.56	4.96	5.49	4.65	5.01	5.12	3.18	4.15
4	6.01	4.29	5.16	---	---	---	5.54	4.51	5.01	5.33	3.37	4.34
5	5.72	4.08	4.94	---	---	---	5.17	4.17	4.53	5.34	3.25	4.12
6	5.67	4.42	5.06	---	---	---	4.74	3.31	4.03	5.02	2.96	3.93
7	5.76	4.76	5.23	5.35	4.25	4.84	5.17	3.20	4.10	5.00	2.72	3.86
8	5.43	4.82	5.13	5.50	4.14	4.83	5.74	3.38	4.44	5.31	3.12	3.95
9	5.61	5.16	5.35	5.70	4.16	4.78	6.42	3.98	5.04	5.32	2.47	4.04
10	6.28	5.04	5.55	5.70	4.31	4.94	6.12	2.79	4.07	5.12	3.05	3.99
11	6.29	5.64	6.00	6.00	4.05	4.90	4.70	2.48	3.54	5.14	3.33	4.05
12	6.29	5.03	5.55	6.00	4.02	4.86	5.22	2.37	3.61	4.69	3.15	4.08
13	6.07	4.70	5.34	5.84	3.55	4.67	5.63	2.85	4.93	4.70	3.49	4.16
14	5.90	3.99	4.79	5.88	4.22	5.06	5.41	2.37	3.85	4.58	3.81	4.14
15	5.35	4.21	4.81	5.91	4.16	5.02	4.82	3.39	4.23	4.75	3.36	4.05
16	5.37	3.97	4.75	6.05	4.34	5.22	5.39	3.36	4.43	5.41	3.25	4.38
17	5.63	4.07	4.80	5.89	4.60	5.27	4.30	3.21	3.85	6.21	3.75	4.77
18	5.70	4.44	5.00	6.29	4.78	5.64	4.07	3.25	3.63	5.82	3.44	4.59
19	5.87	4.32	5.10	5.58	3.06	4.00	4.29	2.35	3.44	4.86	1.71	3.45
20	5.67	4.26	4.98	4.84	4.28	4.50	4.91	2.68	3.88	5.19	2.67	3.94
21	5.31	4.20	4.79	5.28	3.98	4.58	5.42	2.97	4.16	5.30	2.60	3.80
22	4.66	3.49	4.22	5.92	3.67	4.73	5.78	3.05	4.27	5.24	2.58	3.77
23	5.33	4.38	4.80	6.21	4.00	5.07	5.67	3.33	4.35	4.88	2.70	3.82
24	5.39	4.38	4.86	6.18	3.24	4.52	5.50	2.72	3.90	5.10	2.96	4.00
25	5.91	4.03	4.90	6.08	3.70	4.84	5.34	3.00	4.02	5.44	3.13	4.60
26	5.93	3.18	4.91	6.41	3.77	4.94	5.12	2.90	3.92	5.04	4.39	4.68
27	6.23	2.84	4.58	6.62	4.07	5.17	5.13	3.23	4.18	4.81	1.86	3.55
28	6.27	2.81	4.69	6.58	2.56	4.11	5.26	3.64	4.47	4.14	3.07	3.57
29	6.27	2.99	4.50	4.65	3.31	3.99	5.36	3.09	4.52	4.58	3.19	3.82
30	6.17	3.83	4.98	4.70	3.35	4.05	4.90	3.00	4.37	5.05	3.53	4.28
31	6.09	3.31	4.81	---	---	---	4.82	4.14	4.46	5.78	3.50	4.35
MONTH	6.29	2.81	5.01	---	---	---	6.42	2.35	4.22	6.21	1.71	4.09

PEARL RIVER BASIN

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.43	4.47	5.41	5.88	3.84	4.91	---	---	---	---	---	---
2	5.88	3.84	4.96	5.48	3.74	4.70	---	---	---	---	---	---
3	5.10	2.53	3.91	5.62	3.55	4.67	---	---	---	---	---	---
4	6.09	3.65	4.37	5.85	3.79	4.91	---	---	---	---	---	---
5	6.09	3.79	4.85	5.66	3.62	4.84	---	---	---	---	---	---
6	5.96	2.47	4.17	5.59	3.44	4.48	---	---	---	---	---	---
7	4.67	2.20	3.36	4.98	3.13	3.93	---	---	---	---	---	---
8	4.30	3.01	3.58	4.23	3.14	3.55	---	---	---	---	---	---
9	4.60	3.50	4.00	4.24	1.63	3.43	---	---	---	---	---	---
10	4.61	3.66	4.08	4.20	1.28	3.09	---	---	---	---	---	---
11	4.91	3.84	4.34	3.73	2.46	3.05	---	---	---	---	---	---
12	4.82	3.68	4.12	4.17	2.39	3.18	---	---	---	---	---	---
13	4.75	2.98	4.05	4.59	1.35	2.80	---	---	---	---	---	---
14	6.01	3.61	4.68	4.75	1.99	3.21	---	---	---	---	---	---
15	---	---	---	4.75	2.50	3.65	---	---	---	---	---	---
16	---	---	---	4.64	2.77	3.62	---	---	---	---	---	---
17	---	---	---	5.13	3.19	4.38	---	---	---	---	---	---
18	---	---	---	5.16	2.71	4.16	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	5.20	3.14	4.21	---	---	---	---	---	---	---	---	---
22	5.22	4.15	4.56	---	---	---	---	---	---	---	---	---
23	5.44	2.68	4.35	---	---	---	---	---	---	---	---	---
24	5.54	3.83	4.53	5.43	3.06	4.13	---	---	---	---	---	---
25	5.18	3.98	4.52	6.57	3.16	4.53	---	---	---	---	---	---
26	5.02	3.44	4.32	5.70	3.25	4.78	---	---	---	---	---	---
27	4.77	3.55	4.13	---	---	---	---	---	---	---	---	---
28	5.12	3.45	4.19	---	---	---	---	---	---	---	---	---
29	5.68	3.59	4.57	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	5.95	3.12	4.67	5.78	3.52	4.69	4.65	4.23	4.48
2	---	---	---	5.89	3.21	4.65	5.32	3.52	4.40	4.94	4.17	4.55
3	---	---	---	5.88	3.23	4.65	5.19	3.58	4.36	5.32	4.45	4.84
4	---	---	---	5.73	3.39	4.51	4.75	3.76	4.33	5.47	4.26	4.81
5	---	---	---	5.47	3.39	4.47	4.27	3.89	4.03	5.39	3.85	4.55
6	---	---	---	5.06	3.49	4.29	4.39	3.91	4.18	4.96	3.35	4.09
7	---	---	---	4.90	3.54	4.32	5.19	4.30	4.80	4.41	3.00	3.73
8	---	---	---	4.78	4.01	4.42	6.02	4.82	5.38	4.90	3.23	4.06
9	---	---	---	5.00	4.04	4.47	5.71	4.22	4.98	5.12	3.78	4.42
10	---	---	---	4.98	3.93	4.43	5.48	3.70	4.66	5.04	3.73	4.43
11	---	---	---	5.21	3.68	4.48	5.37	3.70	4.59	5.45	4.14	4.76
12	---	---	---	4.81	3.26	4.09	5.55	3.58	4.56	5.69	4.47	5.08
13	---	---	---	5.09	3.32	4.23	5.57	3.54	4.59	5.69	4.64	5.17
14	---	---	---	5.49	3.28	4.18	5.39	3.60	4.47	6.11	5.02	5.70
15	---	---	---	5.11	2.92	4.16	5.40	3.70	4.49	8.15	5.67	6.73
16	---	---	---	5.17	3.13	4.11	5.20	3.68	4.39	---	---	---
17	---	---	---	5.08	3.10	4.09	5.07	3.68	4.35	---	---	---
18	5.63	3.46	4.64	4.89	3.02	3.91	4.79	3.85	4.33	---	---	---
19	5.53	3.42	4.48	5.37	3.10	4.30	4.69	4.09	4.45	---	---	---
20	5.54	3.33	4.45	5.21	3.28	4.31	4.75	4.14	4.46	---	---	---
21	5.50	3.37	4.50	4.91	3.63	4.31	4.99	3.75	4.29	---	---	---
22	5.28	3.39	4.42	4.75	3.68	4.22	5.05	3.61	4.31	---	---	---
23	4.98	3.39	4.33	4.30	3.80	4.17	5.29	3.44	4.33	---	---	---
24	5.01	3.54	4.39	4.70	4.01	4.28	5.32	3.27	4.30	---	---	---
25	4.81	3.54	4.25	4.79	3.65	4.19	5.29	3.13	4.26	---	---	---
26	4.58	3.66	4.18	5.08	3.51	4.35	5.34	3.30	4.37	---	---	---
27	4.92	3.51	4.24	5.31	3.23	4.27	5.53	3.45	4.53	---	---	---
28	5.35	3.52	4.44	5.40	3.06	4.28	5.50	3.61	4.61	---	---	---
29	5.64	3.56	4.62	5.53	3.06	4.33	5.51	3.61	4.59	---	---	---
30	5.64	3.44	4.55	5.88	3.50	4.63	5.37	3.75	4.53	---	---	---
31	---	---	---	5.91	3.59	4.80	5.07	3.97	4.52	---	---	---
MONTH	---	---	---	5.95	2.92	4.34	6.02	3.13	4.49	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to current year.

SALINITY: October 2002 to September 2003.

WATER TEMPERATURE: June 1999 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent.

SALINITY: Records excellent.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 52,200 microsiemens/cm, Jan. 28, 2000; minimum recorded, 4,530 microsiemens/cm, Mar. 9, 2003.

SALINITY: Maximum, 31.1 ppt, Jan. 29, 2003; minimum, 2.4 ppt, Mar. 9, 2003.

WATER TEMPERATURE: Maximum recorded, 33.4°C, July 8, 2000; minimum recorded, 3.9°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 46,900 microsiemens/cm, Nov. 26; minimum recorded, 7,970 microsiemens/cm, July 9.

SALINITY: Maximum recorded, 30.4 ppt, Nov. 26, 27; minimum recorded, 4.4 ppt, July 9.

WATER TEMPERATURE: Maximum recorded, 33.1°C, July 25; minimum recorded, 9.0°C, Feb. 8.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	35,400	31,200	34,200	39,700	35,000	37,800	33,000	24,900	28,500	42,300	34,000	39,000
2	33,400	30,800	31,900	39,100	35,100	37,900	35,700	25,300	30,400	41,500	31,500	37,900
3	34,100	30,100	32,100	39,000	32,900	37,300	40,600	35,100	37,200	40,400	30,100	34,200
4	35,200	30,700	33,100	39,700	36,400	39,000	41,800	37,600	39,900	41,500	33,600	37,100
5	34,300	30,800	33,000	39,200	34,600	38,200	39,600	33,400	37,800	38,300	32,200	35,200
6	34,600	30,900	32,700	36,500	30,100	33,300	40,100	36,800	38,900	40,800	33,500	36,200
7	35,800	31,900	33,900	34,200	29,100	31,800	41,400	36,200	39,100	43,400	40,200	41,800
8	35,100	32,400	34,100	36,200	32,900	34,300	42,400	31,900	38,200	44,900	40,500	42,500
9	35,200	33,000	34,400	41,000	36,200	39,200	44,100	36,800	40,900	44,200	39,600	41,700
10	35,300	33,600	34,400	41,800	40,900	41,300	43,800	28,300	35,000	42,500	39,500	40,900
11	38,000	33,700	36,100	41,900	36,200	40,300	39,600	30,600	34,200	41,300	39,800	40,400
12	37,800	34,400	36,700	41,700	32,500	37,900	44,600	36,900	40,200	40,700	31,500	38,300
13	37,200	34,600	35,800	41,700	37,300	38,900	46,100	39,300	43,300	40,400	24,400	32,900
14	36,100	28,500	31,700	43,400	40,300	42,200	42,200	31,900	38,200	34,800	17,000	23,000
15	33,700	29,100	31,800	45,900	39,800	43,000	42,500	37,200	39,600	33,700	16,700	23,800
16	33,300	29,500	31,700	45,400	36,800	41,800	42,500	30,300	36,800	39,100	18,700	29,400
17	33,500	29,100	31,500	43,900	39,000	42,100	32,800	28,800	30,800	41,200	35,500	38,100
18	34,300	31,400	32,900	44,600	39,300	42,600	28,900	21,000	23,900	38,500	34,600	37,300
19	35,200	32,400	34,000	39,300	26,200	30,300	27,800	19,700	22,900	36,500	28,800	31,300
20	35,600	29,400	32,900	32,900	27,600	30,000	34,200	20,600	26,500	36,900	30,400	34,000
21	33,400	25,600	29,600	37,800	26,300	32,100	41,200	20,900	31,800	36,600	29,600	34,000
22	25,600	23,100	24,300	41,800	26,100	33,700	42,800	33,800	39,400	36,800	23,000	32,200
23	31,900	23,400	27,100	43,200	35,700	39,300	42,800	35,300	39,400	37,000	24,000	31,500
24	31,900	21,700	28,200	43,200	35,400	38,700	42,700	30,400	35,400	37,200	19,600	28,800
25	35,300	24,300	30,300	46,400	38,800	42,300	44,200	40,400	42,500	36,800	25,400	31,000
26	36,000	30,200	33,900	46,900	40,100	43,900	44,500	37,800	43,100	33,000	20,700	26,200
27	36,600	32,100	34,400	46,800	35,000	42,400	45,700	42,600	44,200	23,900	21,000	22,100
28	39,000	34,600	36,600	45,400	31,000	37,400	45,700	42,300	44,500	24,100	20,900	22,400
29	38,800	30,400	35,800	36,300	24,800	31,500	45,800	35,500	42,200	27,800	20,400	24,000
30	39,200	30,800	35,600	36,600	22,600	28,800	39,200	35,200	37,500	29,200	21,800	25,800
31	39,300	33,800	36,400	---	---	---	41,300	37,700	39,500	33,400	27,700	30,600
MONTH	39,300	21,700	32,900	46,900	22,600	37,600	46,100	19,700	36,800	44,900	16,700	33,000

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	34,400	32,900	33,800	---	---	---	---	---	---	---	---	---
2	34,200	27,800	32,000	---	---	---	---	---	---	---	---	---
3	27,900	24,100	26,200	---	---	---	---	---	---	---	---	---
4	29,500	27,000	28,100	---	---	---	---	---	---	---	---	---
5	29,300	27,000	28,300	---	---	---	---	---	---	---	---	---
6	28,400	21,300	23,300	---	---	---	---	---	---	---	---	---
7	22,800	14,000	17,800	---	---	---	---	---	---	---	---	---
8	20,200	14,600	17,100	---	---	---	---	---	---	---	---	---
9	21,500	18,800	20,100	---	---	---	---	---	---	---	---	---
10	20,300	15,900	18,800	---	---	---	---	---	---	---	---	---
11	22,700	17,900	19,900	---	---	---	---	---	---	---	---	---
12	19,900	14,000	15,900	---	---	---	---	---	---	---	---	---
13	16,900	12,800	14,500	---	---	---	---	---	---	---	---	---
14	18,900	13,800	16,400	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	28,800	17,200	24,200	37,600	28,700	34,800	38,600	34,500	36,700
2	---	---	---	28,800	17,100	23,500	36,300	25,400	29,500	36,700	32,400	34,900
3	---	---	---	28,600	16,600	23,000	33,500	23,900	28,700	39,100	35,200	37,300
4	---	---	---	26,600	16,600	21,200	31,200	18,400	26,300	40,000	36,600	38,600
5	---	---	---	24,500	14,600	19,400	26,900	17,600	19,700	40,000	31,100	37,000
6	---	---	---	21,400	13,300	17,800	25,000	18,400	20,500	38,700	29,900	34,300
7	---	---	---	22,000	12,200	16,300	42,200	24,800	36,400	34,400	27,100	30,000
8	---	---	---	19,000	8,260	13,100	43,600	41,400	42,600	33,800	27,800	30,800
9	---	---	---	20,200	7,970	14,600	44,200	40,600	42,600	37,300	31,900	35,200
10	---	---	---	18,600	8,970	13,300	43,100	23,200	35,600	38,200	34,000	37,000
11	---	---	---	18,800	11,000	13,800	36,800	27,600	32,600	40,400	37,900	39,200
12	---	---	---	16,100	9,840	12,900	35,800	28,600	32,500	41,000	39,100	40,300
13	---	---	---	15,700	8,180	11,800	39,500	29,100	36,800	41,000	39,000	40,200
14	---	---	---	21,500	8,180	13,300	40,300	37,700	39,300	41,700	39,200	40,700
15	---	---	---	22,800	11,700	17,300	42,000	38,400	40,600	45,700	41,700	43,700
16	---	---	---	25,900	12,700	18,200	41,500	39,300	40,700	---	---	---
17	---	---	---	21,200	10,900	15,200	41,300	36,000	39,500	---	---	---
18	33,300	25,900	30,300	21,600	10,400	12,900	40,200	32,700	37,500	---	---	---
19	33,900	24,900	29,500	31,400	10,700	19,400	39,400	32,300	36,700	---	---	---
20	33,200	24,900	29,500	31,000	11,700	24,400	40,300	29,000	34,100	---	---	---
21	33,700	24,200	29,900	33,400	18,100	29,200	34,700	24,800	29,200	---	---	---
22	31,800	22,800	27,400	30,500	13,100	24,900	35,600	22,500	27,700	---	---	---
23	27,100	21,300	24,300	30,400	12,800	20,000	37,600	23,300	28,700	---	---	---
24	27,300	17,900	23,700	26,800	13,800	22,600	36,800	28,000	31,500	---	---	---
25	24,100	17,800	21,500	26,300	11,000	21,000	37,400	29,300	32,700	---	---	---
26	20,600	15,800	18,900	32,000	21,800	27,600	37,400	31,000	34,100	---	---	---
27	23,500	16,300	18,900	30,500	20,600	26,200	38,100	31,800	35,600	---	---	---
28	26,500	13,600	20,200	33,200	20,800	28,500	38,800	31,800	36,400	---	---	---
29	28,100	18,000	24,200	35,800	19,700	29,000	40,000	32,400	37,000	---	---	---
30	28,000	19,000	24,300	36,800	21,100	32,300	39,300	33,100	36,600	---	---	---
31	---	---	---	37,800	28,400	34,800	38,500	33,800	36,400	---	---	---
MONTH	---	---	---	37,800	7,970	20,700	44,200	17,600	34,000	---	---	---

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.3	19.4	21.4	25.3	22.0	24.0	20.6	15.1	17.5	27.1	21.3	24.8
2	20.9	19.1	19.9	24.9	22.1	24.0	22.5	15.4	18.9	26.6	19.6	24.0
3	21.4	18.7	20.0	24.8	20.6	23.6	25.9	22.1	23.5	25.8	18.7	21.4
4	22.1	19.0	20.7	25.3	23.0	24.8	26.8	23.8	25.5	26.6	21.0	23.5
5	21.5	19.1	20.6	25.0	21.8	24.3	25.2	20.9	24.0	24.3	20.1	22.2
6	21.8	19.2	20.4	23.1	18.7	20.8	25.6	23.3	24.7	26.1	20.9	22.8
7	22.5	19.9	21.2	21.5	17.9	19.8	26.5	22.8	24.9	28.0	25.6	26.8
8	22.1	20.2	21.4	22.8	20.6	21.5	27.2	19.9	24.2	29.0	25.9	27.3
9	22.1	20.6	21.6	26.2	22.8	24.9	28.4	23.3	26.2	28.5	25.2	26.7
10	22.2	21.0	21.6	26.8	26.2	26.5	28.2	17.4	22.0	27.3	25.2	26.1
11	24.1	21.1	22.8	26.9	22.8	25.7	25.2	19.0	21.4	26.5	25.4	25.8
12	23.9	21.6	23.2	26.7	20.3	24.1	28.8	23.4	25.7	26.0	19.6	24.3
13	23.6	21.8	22.6	26.7	23.6	24.7	29.9	25.0	27.8	25.8	14.8	20.6
14	22.8	17.5	19.7	28.0	25.7	27.1	27.1	19.9	24.3	21.9	10.0	13.9
15	21.1	17.9	19.8	29.8	25.4	27.6	27.3	23.6	25.3	21.1	9.8	14.5
16	20.8	18.2	19.8	29.4	23.3	26.8	27.3	18.8	23.3	24.9	11.1	18.2
17	20.9	17.9	19.6	28.3	24.8	27.0	20.5	17.7	19.1	26.4	22.3	24.2
18	21.5	19.5	20.6	28.8	25.0	27.4	17.8	12.6	14.5	24.4	21.8	23.6
19	22.1	20.2	21.3	25.0	16.0	18.8	17.1	11.7	13.8	23.1	17.7	19.4
20	22.4	18.1	20.5	20.6	16.9	18.6	21.5	12.3	16.2	23.4	18.9	21.3
21	20.9	15.6	18.3	23.9	16.1	20.0	26.4	12.5	19.9	23.1	18.3	21.3
22	15.6	13.9	14.8	26.8	15.9	21.2	27.5	21.2	25.1	23.3	13.9	20.1
23	19.9	14.2	16.6	27.8	22.5	25.0	27.5	22.2	25.1	23.4	14.5	19.6
24	19.9	13.0	17.4	27.8	22.3	24.6	27.4	18.9	22.3	23.6	11.7	17.8
25	22.2	14.7	18.8	30.1	24.7	27.1	28.5	25.8	27.3	23.3	15.5	19.3
26	22.7	18.7	21.2	30.4	25.6	28.3	28.7	23.9	27.7	20.6	12.4	16.0
27	23.1	20.0	21.6	30.4	22.0	27.2	29.6	27.3	28.5	14.5	12.6	13.3
28	24.8	21.8	23.1	29.4	19.2	23.7	29.6	27.1	28.7	14.6	12.5	13.5
29	24.7	18.9	22.5	22.9	15.0	19.6	29.7	22.3	27.1	17.1	12.1	14.6
30	25.0	19.1	22.5	23.1	13.6	17.8	25.0	22.1	23.7	18.0	13.1	15.8
31	25.0	21.2	23.0	---	---	---	26.5	23.9	25.2	20.9	17.0	19.0
MONTH	25.0	13.0	20.6	30.4	13.6	23.9	29.9	11.7	23.3	29.0	9.8	20.7
	FEBRUARY			MARCH			APRIL			MAY		
1	21.6	20.6	21.1	---	---	---	---	---	---	---	---	---
2	21.5	17.1	20.0	---	---	---	---	---	---	---	---	---
3	17.2	14.6	16.0	---	---	---	---	---	---	---	---	---
4	18.2	16.5	17.3	---	---	---	---	---	---	---	---	---
5	18.1	16.5	17.4	---	---	---	---	---	---	---	---	---
6	17.5	12.8	14.1	---	---	---	---	---	---	---	---	---
7	13.7	8.1	10.5	---	---	---	---	---	---	---	---	---
8	12.0	8.5	10.0	---	---	---	---	---	---	---	---	---
9	12.9	11.1	12.0	---	---	---	---	---	---	---	---	---
10	12.1	9.3	11.1	---	---	---	---	---	---	---	---	---
11	13.7	10.5	11.9	---	---	---	---	---	---	---	---	---
12	11.8	8.1	9.3	---	---	---	---	---	---	---	---	---
13	9.9	7.4	8.4	---	---	---	---	---	---	---	---	---
14	11.2	7.9	9.6	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	17.7	10.1	14.7	23.8	17.7	21.9	24.5	21.7	23.2
2	---	---	---	17.7	10.1	14.2	22.9	15.5	18.3	23.2	20.2	22.0
3	---	---	---	17.6	9.7	13.9	20.9	14.5	17.7	24.9	22.1	23.6
4	---	---	---	16.3	9.7	12.7	19.4	10.9	16.1	25.5	23.1	24.5
5	---	---	---	14.8	8.5	11.5	16.4	10.4	11.7	25.5	19.3	23.4
6	---	---	---	12.9	7.6	10.5	15.2	10.9	12.2	24.6	18.5	21.5
7	---	---	---	13.2	7.0	9.5	27.1	15.0	23.0	21.6	16.6	18.6
8	---	---	---	11.3	4.6	7.6	28.1	26.5	27.4	21.2	17.1	19.1
9	---	---	---	12.0	4.4	8.5	28.5	25.9	27.3	23.6	19.9	22.2
10	---	---	---	11.0	5.0	7.7	27.7	14.0	22.5	24.2	21.3	23.4
11	---	---	---	11.1	6.2	8.0	23.3	16.9	20.4	25.8	24.0	24.9
12	---	---	---	9.4	5.5	7.4	22.5	17.6	20.3	26.2	24.9	25.7
13	---	---	---	9.1	4.5	6.7	25.2	17.9	23.3	26.2	24.8	25.7
14	---	---	---	12.9	4.5	7.7	25.7	23.9	25.0	26.7	25.0	26.0
15	---	---	---	13.7	6.6	10.2	26.9	24.4	25.9	29.6	26.7	28.2
16	---	---	---	15.8	7.3	10.8	26.6	25.0	26.0	---	---	---
17	---	---	---	12.7	6.2	8.9	26.5	22.7	25.1	---	---	---
18	20.8	15.8	18.7	13.0	5.9	7.4	25.6	20.4	23.8	---	---	---
19	21.2	15.1	18.2	19.5	6.1	11.6	25.1	20.2	23.2	---	---	---
20	20.7	15.1	18.2	19.2	6.6	14.8	25.7	17.9	21.4	---	---	---
21	21.1	14.7	18.5	20.9	10.7	18.0	21.8	15.0	18.1	---	---	---
22	19.8	13.7	16.8	18.9	7.5	15.2	22.4	13.5	17.0	---	---	---
23	16.6	12.8	14.7	18.9	7.4	11.9	23.8	14.1	17.7	---	---	---
24	16.7	10.5	14.4	16.4	7.9	13.6	23.3	17.2	19.6	---	---	---
25	14.6	10.5	12.9	16.1	6.2	12.6	23.7	18.1	20.4	---	---	---
26	12.3	9.2	11.2	19.9	13.1	16.9	23.7	19.2	21.4	---	---	---
27	14.2	9.5	11.2	18.9	12.3	16.0	24.1	19.8	22.4	---	---	---
28	16.2	7.8	12.1	20.7	12.4	17.6	24.7	19.8	23.0	---	---	---
29	17.3	10.6	14.6	22.5	11.7	17.9	25.5	20.2	23.4	---	---	---
30	17.2	11.3	14.8	23.3	12.6	20.1	25.0	20.7	23.1	---	---	---
31	---	---	---	23.9	17.5	21.9	24.4	21.2	23.0	---	---	---
MONTH	---	---	---	23.9	4.4	12.5	28.5	10.4	21.3	---	---	---

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

[illegible]

PEARL RIVER BASIN

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.6	28.6	29.0	31.9	30.1	30.9	31.0	28.9	29.7
2	---	---	---	29.4	28.2	28.9	31.9	30.2	30.8	30.8	29.3	30.1
3	---	---	---	30.6	28.3	29.4	31.2	29.9	30.7	30.2	29.7	29.9
4	---	---	---	30.6	29.1	29.9	32.1	30.1	31.0	31.0	29.4	30.0
5	---	---	---	31.0	29.3	30.2	32.0	30.9	31.4	31.1	29.4	30.1
6	---	---	---	31.0	29.8	30.4	31.6	30.3	30.9	30.3	29.0	29.6
7	---	---	---	31.2	29.7	30.4	30.7	27.9	28.9	29.8	28.6	29.2
8	---	---	---	30.5	29.4	30.1	29.3	28.5	29.0	29.7	27.4	28.7
9	---	---	---	30.4	29.1	29.9	29.2	28.5	28.8	29.6	28.4	29.0
10	---	---	---	30.6	29.4	30.0	30.8	28.6	29.4	30.1	29.0	29.4
11	---	---	---	32.5	30.0	30.7	30.1	29.2	29.7	30.1	29.0	29.5
12	---	---	---	31.6	30.2	30.7	29.6	28.6	29.2	29.4	28.8	29.1
13	---	---	---	31.6	29.7	30.4	28.6	26.6	27.2	29.1	28.0	28.5
14	---	---	---	31.6	29.4	30.3	26.6	25.0	25.6	28.5	27.8	28.1
15	---	---	---	31.3	29.4	30.2	26.2	23.9	25.2	28.1	27.3	27.5
16	---	---	---	30.2	29.3	29.7	26.5	24.5	25.4	---	---	---
17	---	---	---	29.7	29.0	29.3	27.0	25.3	26.2	---	---	---
18	31.1	29.3	30.2	29.7	28.5	29.0	27.7	26.3	26.9	---	---	---
19	31.3	29.9	30.6	30.1	27.7	28.6	28.9	26.9	27.7	---	---	---
20	31.3	28.9	30.3	29.3	27.7	28.6	29.2	27.8	28.5	---	---	---
21	31.7	29.9	30.6	29.6	28.1	28.8	30.2	28.0	29.1	---	---	---
22	30.8	29.5	30.1	30.6	28.5	29.2	30.8	28.7	29.7	---	---	---
23	29.7	28.8	29.3	31.6	29.2	30.2	31.5	29.6	30.5	---	---	---
24	29.4	28.5	29.0	32.7	30.1	31.0	31.3	30.2	30.8	---	---	---
25	28.9	28.0	28.3	33.1	30.9	31.5	31.7	30.5	30.9	---	---	---
26	28.6	27.3	28.0	31.3	29.9	30.6	31.6	30.6	31.1	---	---	---
27	28.7	27.6	28.0	31.1	29.3	30.0	31.7	30.7	31.2	---	---	---
28	28.6	27.5	27.9	30.9	29.2	30.0	31.6	30.6	31.0	---	---	---
29	28.6	27.7	28.1	31.8	29.8	30.7	31.3	30.1	30.5	---	---	---
30	29.3	27.8	28.5	31.5	30.4	31.0	30.8	29.4	29.9	---	---	---
31	---	---	---	31.5	30.3	30.8	30.4	28.5	29.4	---	---	---
MONTH	---	---	---	33.1	27.7	30.0	32.1	23.9	29.3	---	---	---

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

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

DRAINAGE AREA.--1,124,900 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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspnd. sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					
09...	1000	291,000	79	136	107,000
NOV					
06...	1000	209,000	88	154	86,700
DEC					
04...	1200	548,000	72	389	513,000
18...	1000	438,000	66	331	275,000
JAN					
08...	1030	477,000	66	223	287,000
14...	1000	568,000	69	270	415,000
FEB					
11...	1200	600,000	80	375	607,000
19...	1100	862,000	53	320	745,000
MAR					
04...	1100	524,000	64	236	334,000
17...	1200	700,000	81	455	971,000
APR					
08...	1100	532,000	73	273	392,000
22...	1100	458,000	75	211	260,000
MAY					
06...	1100	690,000	74	180	322,000
20...	1200	619,000	87	311	521,000
JUN					
09...	1300	724,000	77	486	950,000
17...	1100	784,000	79	296	614,000
JUL					
08...	1200	738,000	77	247	492,000
AUG					
13...	1100	327,000	85	169	149,000
SEP					
09...	1100	465,000	82	236	233,000

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS—Continued

SUSPENDED SEDIMENT DISCHARGE, TONS PER DAY
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81,000	91,000	524,000	280,000	536,000	383,000	474,000	372,000	451,000	550,000	161,000	123,000
2	90,000	88,000	537,000	282,000	517,000	357,000	437,000	374,000	502,000	554,000	154,000	129,000
3	97,000	85,000	550,000	286,000	487,000	343,000	416,000	371,000	594,000	553,000	146,000	137,000
4	102,000	83,000	575,000	293,000	457,000	334,000	401,000	365,000	671,000	546,000	140,000	151,000
5	105,000	84,000	573,000	297,000	435,000	346,000	393,000	351,000	720,000	539,000	141,000	167,000
6	107,000	87,000	564,000	294,000	504,000	355,000	389,000	339,000	775,000	528,000	138,000	186,000
7	108,000	88,000	550,000	289,000	507,000	372,000	392,000	354,000	842,000	502,000	141,000	206,000
8	110,000	91,000	537,000	287,000	501,000	387,000	391,000	363,000	899,000	492,000	146,000	223,000
9	106,000	98,000	500,000	295,000	511,000	403,000	392,000	374,000	949,000	493,000	152,000	233,000
10	106,000	101,000	460,000	309,000	540,000	426,000	387,000	383,000	907,000	470,000	155,000	223,000
11	102,000	102,000	446,000	327,000	606,000	477,000	384,000	391,000	865,000	459,000	151,000	215,000
12	98,000	103,000	423,000	348,000	664,000	517,000	380,000	387,000	828,000	436,000	149,000	200,000
13	97,000	102,000	399,000	371,000	713,000	606,000	382,000	409,000	784,000	397,000	143,000	184,000
14	98,000	102,000	363,000	414,000	723,000	687,000	385,000	436,000	740,000	367,000	145,000	170,000
15	99,000	103,000	326,000	439,000	734,000	778,000	375,000	490,000	698,000	344,000	145,000	156,000
16	98,000	109,000	303,000	458,000	742,000	909,000	365,000	513,000	650,000	323,000	143,000	148,000
17	96,000	120,000	286,000	481,000	769,000	970,000	345,000	524,000	613,000	294,000	136,000	141,000
18	92,000	148,000	273,000	513,000	756,000	1,011,000	332,000	509,000	611,000	279,000	129,000	141,000
19	87,000	167,000	265,000	540,000	744,000	1,023,000	313,000	518,000	607,000	263,000	122,000	147,000
20	84,000	178,000	265,000	562,000	745,000	1,048,000	289,000	519,000	597,000	253,000	116,000	160,000
21	79,000	188,000	270,000	579,000	742,000	1,065,000	276,000	485,000	580,000	242,000	109,000	182,000
22	77,000	199,000	276,000	604,000	736,000	1,055,000	260,000	462,000	566,000	232,000	105,000	207,000
23	77,000	221,000	276,000	614,000	719,000	1,040,000	248,000	443,000	535,000	223,000	100,000	228,000
24	75,000	257,000	284,000	614,000	708,000	1,002,000	249,000	434,000	531,000	214,000	96,000	242,000
25	77,000	295,000	290,000	616,000	660,000	909,000	251,000	425,000	536,000	205,000	98,000	252,000
26	81,000	334,000	292,000	624,000	588,000	845,000	272,000	411,000	544,000	199,000	97,000	258,000
27	84,000	369,000	295,000	636,000	540,000	760,000	299,000	393,000	545,000	189,000	93,000	267,000
28	86,000	430,000	294,000	587,000	494,000	695,000	333,000	384,000	551,000	180,000	90,000	279,000
29	87,000	457,000	291,000	588,000	432,000	621,000	345,000	385,000	550,000	177,000	92,000	313,000
30	89,000	486,000	286,000	584,000	---	569,000	350,000	395,000	553,000	165,000	99,000	333,000
31	91,000	---	280,000	565,000	---	513,000	---	416,000	---	165,000	108,000	---
TOTAL	2,866,000	5,366,000	11,853,000	14,973,000	17,810,000	20,806,000	10,517,000	12,975,000	19,794,000	10,837,000	3,940,000	6,001,000
MEAN	92,500	179,000	382,000	451,000	610,000	670,000	351,000	439,000	650,000	350,000	127,000	200,000
MAX	110,000	486,000	575,000	636,000	683,000	1,060,000	474,000	514,000	949,000	554,000	161,000	333,000
MIN	75,000	83,000	265,000	280,000	432,000	334,000	248,000	339,000	451,000	165,000	90,000	123,000

Results were revised 2013
Please refer to USGS Scientific Investigations Report 2018-5141
<https://doi.org/10.3133/sir2018-5141>
Please direct inquiries to:
gs-w-lmg_mssediment@usgs.gov

07344370 RED RIVER AT SPRING BANK, AR

LOCATION.--Lat. 33° 04'50", Long. 93° 51'42", in SW 1/4 NW 1/4 sec.24, T.19 S., R.27 W., Lafayette County, near right bank on downstream side of bridge on State highway 160, 0.1 mi downstream from Sulphur river, 4.5 mi upstream from Arkansas-Louisiana State line, and 2.5 mi east of intersection of U.S. Highway 71 and State Highway 160 at Doddridge, AR.

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

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

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,500	1,950	4,620	4,350	12,400	14,700	5,980	22,200	7,060	40,300	8,530	4,110
2	3,790	1,900	4,420	4,390	12,300	15,800	6,060	23,100	8,370	37,100	8,690	4,380
3	3,900	1,850	3,930	4,030	11,600	14,400	6,000	23,900	11,900	32,100	8,730	4,410
4	4,000	1,750	e3,490	3,490	9,220	12,400	5,970	25,000	12,500	28,100	8,340	4,420
5	3,890	1,670	e3,190	3,220	8,460	12,800	5,590	26,500	11,000	29,800	8,420	4,380
6	3,310	1,700	e2,950	3,130	10,800	15,600	5,440	26,100	8,680	29,600	9,540	3,950
7	3,080	1,810	e3,840	3,310	16,900	19,000	4,870	25,300	10,000	28,800	8,940	3,790
8	3,490	1,860	e4,090	3,560	19,500	18,700	4,640	23,800	11,900	30,700	6,910	4,080
9	3,820	1,840	3,870	e3,480	19,900	20,200	4,220	21,000	15,000	27,800	7,770	e3,970
10	3,980	1,860	2,840	e3,120	23,300	25,500	4,010	20,200	13,900	21,700	9,750	e3,750
11	3,990	1,860	2,680	e2,880	27,100	27,700	4,230	18,400	10,100	17,000	10,000	3,770
12	3,500	2,680	3,350	e2,720	27,300	27,400	4,090	14,900	7,120	16,000	10,100	3,450
13	2,930	4,050	3,530	2,680	22,800	24,100	4,290	13,600	5,790	17,700	9,770	2,950
14	2,650	4,840	3,790	2,790	19,900	19,400	6,950	13,000	5,510	21,100	8,350	2,690
15	2,740	4,950	3,810	3,070	20,100	16,100	9,130	11,500	7,150	21,700	7,350	2,660
16	2,850	4,230	3,440	3,050	19,400	14,300	8,920	9,410	12,300	20,500	8,210	3,090
17	3,010	3,700	2,910	3,090	19,100	14,800	6,980	8,310	15,000	18,900	e9,370	3,450
18	3,290	3,480	2,910	2,970	19,400	14,900	5,480	7,740	18,300	16,500	8,890	3,550
19	3,310	3,940	3,140	2,780	21,100	13,600	4,580	6,660	22,900	14,700	8,150	3,400
20	3,100	6,460	3,310	2,630	19,900	10,800	4,280	6,200	26,700	12,100	6,950	2,960
21	2,880	7,720	3,970	3,210	17,000	8,450	4,260	6,030	27,100	9,510	5,550	2,770
22	2,900	10,000	4,040	7,450	15,800	7,550	3,860	5,790	27,500	8,740	4,740	3,160
23	3,110	10,700	3,770	11,600	16,100	7,120	3,580	4,810	28,500	8,200	4,210	3,610
24	3,080	10,200	3,450	13,100	15,700	6,660	3,570	4,160	28,500	7,260	4,310	3,890
25	2,890	9,250	3,570	14,100	14,400	5,890	3,590	4,180	32,000	6,820	4,760	4,050
26	e2,570	6,910	3,500	15,000	13,600	5,700	3,690	5,250	38,300	7,250	5,020	3,590
27	e2,250	4,100	3,290	15,200	14,200	5,890	5,130	5,530	43,800	7,900	5,020	2,990
28	e2,020	3,610	3,090	15,300	14,400	5,610	15,000	4,880	45,400	8,250	4,650	2,760
29	1,990	3,590	2,940	14,800	13,100	5,380	20,700	4,780	43,100	8,150	3,870	3,280
30	2,060	4,370	3,050	14,200	---	5,330	22,000	5,600	41,700	7,930	3,380	3,870
31	2,010	---	3,710	13,400	---	5,710	---	6,180	---	7,940	3,460	---
TOTAL	95,890	128,830	108,490	202,100	494,780	421,490	197,090	404,010	597,080	570,150	221,730	107,180
MEAN	3,093	4,294	3,500	6,519	17,060	13,600	6,570	13,030	19,900	18,390	7,153	3,573
MAX	4,000	10,700	4,620	15,300	27,300	27,700	22,000	26,500	45,400	40,300	10,100	4,420
MIN	1,990	1,670	2,680	2,630	8,460	5,330	3,570	4,160	5,510	6,820	3,380	2,660
AC-FT	190,200	255,500	215,200	400,900	981,400	836,000	390,900	801,400	1,184,000	1,131,000	439,800	212,600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	8,498	10,110	22,490	32,530	30,050	40,390	33,050	19,280	17,510	11,630	6,204	5,669
MAX	20,320	34,920	48,070	87,290	56,960	106,200	104,700	31,490	31,770	18,390	7,257	9,104
(WY)	(2002)	(2001)	(2002)	(1998)	(2001)	(2001)	(2002)	(2002)	(2000)	(2004)	(2002)	(2001)
MIN	2,518	2,183	3,500	4,203	5,312	11,020	5,739	8,051	6,655	4,176	4,614	3,573
(WY)	(2000)	(2000)	(2004)	(2000)	(2000)	(2000)	(2003)	(2003)	(1998)	(1998)	(1998)	(2004)

RED RIVER BASIN

07344370 RED RIVER AT SPRING BANK, AR—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1998 - 2004		
ANNUAL TOTAL	3,588,170			3,548,820			19,740		
ANNUAL MEAN	9,831			9,696			34,790		
HIGHEST ANNUAL MEAN							2001		
LOWEST ANNUAL MEAN							2004		
HIGHEST DAILY MEAN	52,300	Jan	4	45,400	Jun	28	138,000	Mar	14, 2001
LOWEST DAILY MEAN	1,670	Nov	5	1,670	Nov	5	1,670	Nov	5, 2003
ANNUAL SEVEN-DAY MINIMUM	1,780	Nov	3	1,780	Nov	3	1,780	Nov	3, 2003
MAXIMUM PEAK FLOW				46,200	Jun	28	140,000	Mar	14, 2001
MAXIMUM PEAK STAGE				25.57	Jun	28	34.05	Jan	12, 1998
INSTANTANEOUS LOW FLOW				1,650	Nov	5	1,650	Nov	5, 2003
INSTANTANEOUS LOW STAGE				11.20	Nov	5	11.20	Nov	5, 2003
ANNUAL RUNOFF (AC-FT)	7,117,000			7,039,000			14,300,000		
10 PERCENT EXCEEDS	24,200			22,400			48,000		
50 PERCENT EXCEEDS	5,820			5,890			10,000		
90 PERCENT EXCEEDS	3,080			2,910			3,550		

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.60	11.47	13.55	13.37	17.29	18.15	14.36	20.52	14.94	24.53	15.42	13.21
2	12.79	11.43	13.42	13.40	17.25	18.51	14.41	20.76	15.58	23.93	15.50	13.39
3	12.85	11.38	13.09	13.16	16.96	18.04	14.37	20.98	17.08	22.93	15.52	13.42
4	12.91	11.29	---	12.77	15.97	17.31	14.36	21.29	17.33	22.07	15.33	13.43
5	12.84	11.22	---	12.57	15.63	17.44	14.14	21.68	16.74	22.47	15.37	13.39
6	12.48	11.24	---	12.50	16.64	18.43	14.05	21.57	15.73	22.43	15.90	13.10
7	12.33	11.35	---	12.64	18.88	19.57	13.71	21.37	16.33	22.26	15.61	12.99
8	12.60	11.39	---	12.83	19.71	19.46	13.56	20.94	17.11	22.66	14.59	13.19
9	12.80	11.37	13.05	---	19.83	19.91	13.29	20.16	18.23	21.99	15.04	---
10	12.90	11.39	12.26	---	20.79	21.43	13.14	19.91	17.83	20.27	15.99	---
11	12.90	11.39	12.14	---	21.83	21.99	13.29	19.35	16.35	18.80	16.12	12.98
12	12.60	12.03	12.67	---	21.89	21.92	13.20	18.21	14.97	18.47	16.14	12.74
13	12.23	12.94	12.80	12.14	20.68	21.04	13.33	17.75	14.26	19.03	16.00	12.36
14	12.02	13.38	13.00	12.22	19.85	19.69	14.86	17.53	14.09	20.11	15.33	12.14
15	12.09	13.44	13.00	12.46	19.89	18.61	15.94	16.94	14.94	20.29	14.83	12.12
16	12.17	13.04	12.74	12.43	19.68	18.00	15.84	16.06	17.22	19.95	15.26	12.47
17	12.28	12.73	12.33	12.47	19.58	18.17	14.89	15.56	18.21	19.42	---	12.74
18	12.47	12.59	12.32	12.37	19.68	18.23	14.07	15.28	19.30	18.62	15.62	12.82
19	12.48	12.86	12.51	12.22	20.19	17.74	13.52	14.73	20.68	17.99	15.31	12.70
20	12.34	14.19	12.64	12.09	19.84	16.64	13.32	14.48	21.73	17.00	14.74	12.37
21	12.19	14.75	13.11	12.54	18.91	15.62	13.31	14.39	21.83	15.88	14.00	12.21
22	12.21	15.67	13.17	15.10	18.51	15.19	13.04	14.25	21.93	15.52	13.56	12.53
23	12.35	15.96	12.98	16.99	18.61	14.97	12.84	13.67	22.20	15.26	13.26	12.87
24	12.33	15.87	12.74	17.56	18.49	14.73	12.83	13.25	22.19	14.78	13.34	13.06
25	12.19	15.64	12.84	17.92	18.04	14.31	12.85	13.26	22.93	14.54	13.64	13.17
26	---	14.69	12.78	18.24	17.75	14.20	12.92	13.93	24.16	14.77	13.80	12.85
27	---	13.17	12.62	18.33	17.97	14.31	13.80	14.11	25.15	15.11	13.80	12.39
28	---	12.86	12.47	18.36	18.03	14.15	18.17	13.71	25.43	15.29	13.57	12.20
29	11.50	12.85	12.35	18.17	17.57	14.02	20.08	13.65	25.03	15.23	13.04	12.61
30	11.56	13.38	12.44	17.97	---	13.99	20.45	14.15	24.77	15.13	12.69	13.04
31	11.52	---	12.93	17.69	---	14.21	---	14.47	---	15.13	12.75	---
MAX	12.91	15.96	13.55	18.36	21.89	21.99	20.45	21.68	25.43	24.53	---	13.43
MIN	---	11.22	12.14	12.09	15.63	13.99	12.83	13.25	14.09	14.54	12.69	12.12

07344480 CROSS LAKE AT SHREVEPORT, LA

LOCATION.--Lat 32° 30'47", long 93° 47'55", in NE 1/4 SW 1/4 sec.34, T.18 N., R.14 W., Caddo Parish, Hydrologic Unit 11140304. Located about 400 yards north of Shreveport Water and Sewage Treatment Plant on spillway guard structure. From April 4, 1996 to December 5, 2002 located on bottom floor of the pump intake building at southwest corner of Shreveport Water and Sewage Treatment Plant.

DRAINAGE AREA.--33.1 mi².

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 171.76 ft, June 6; minimum gage height, 167.88 ft, Jan. 16.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	169.64	168.94	168.43	168.14	168.62	171.11	171.01	171.44	171.48	171.38	170.76	170.62
2	169.59	168.92	168.40	168.14	168.66	171.11	170.98	171.52	171.54	171.44	170.73	170.62
3	169.57	168.90	168.39	168.12	168.63	171.08	170.97	171.48	171.43	171.38	170.73	170.62
4	169.54	168.87	168.38	168.14	168.59	171.02	170.95	171.50	171.43	171.40	170.73	170.61
5	169.53	168.85	168.36	168.12	168.72	171.17	170.91	171.49	171.40	171.39	170.72	170.62
6	169.54	168.84	168.32	168.08	168.78	171.19	170.90	171.48	171.67	171.37	170.69	170.63
7	169.52	168.78	168.29	168.04	168.79	---	170.90	171.45	171.59	171.35	170.67	170.61
8	169.50	168.76	168.27	168.04	168.75	---	170.89	171.42	171.53	171.32	170.67	170.58
9	169.50	168.73	168.31	168.04	168.77	---	170.87	171.40	171.55	171.28	170.67	170.53
10	169.49	168.71	168.35	168.01	168.81	171.08	170.86	171.37	171.43	171.26	170.67	170.49
11	169.47	168.69	168.26	167.99	168.91	171.09	170.83	171.34	171.51	171.24	170.66	170.46
12	169.44	168.68	168.22	167.97	169.19	171.08	170.87	171.38	171.42	171.21	170.64	170.42
13	169.42	168.63	168.33	167.97	169.36	171.06	170.91	171.42	171.36	171.18	170.62	170.39
14	169.41	168.59	168.31	167.96	169.55	171.07	170.89	171.44	171.34	171.14	170.61	170.34
15	169.36	168.58	168.29	167.93	169.73	171.02	170.88	171.34	171.38	171.11	170.60	170.31
16	169.33	168.57	168.32	167.90	169.83	171.05	170.87	171.32	171.42	171.08	170.60	170.28
17	169.31	168.56	168.26	167.97	169.93	171.07	170.85	171.31	171.46	171.05	170.59	170.24
18	---	168.77	168.24	168.01	169.98	171.06	170.83	171.29	171.42	171.02	170.59	170.19
19	169.25	168.71	168.22	168.00	170.00	171.03	170.80	171.27	171.38	170.98	170.62	170.13
20	169.23	168.67	168.19	167.98	170.02	171.03	170.79	171.25	171.41	170.95	170.73	170.09
21	169.20	168.65	168.16	168.01	170.01	171.04	170.76	171.22	171.41	170.91	170.74	170.04
22	169.18	168.62	168.15	168.04	170.00	171.00	170.74	171.19	171.41	170.87	170.73	170.00
23	169.14	168.63	168.17	168.06	170.00	170.99	170.71	171.16	171.37	170.84	170.71	169.96
24	169.12	168.60	168.13	168.20	170.00	170.96	170.72	171.12	171.35	170.83	170.70	170.19
25	169.10	168.55	168.10	168.51	170.25	170.95	170.84	171.09	171.33	170.83	170.68	170.59
26	169.09	168.53	168.08	168.66	170.60	170.95	170.99	171.09	171.33	170.81	170.65	170.70
27	169.07	168.56	168.07	168.68	170.83	170.94	171.05	171.09	171.46	170.79	170.65	170.69
28	169.03	168.52	168.08	168.67	170.95	170.94	171.06	171.09	171.41	170.78	170.65	170.67
29	169.00	168.47	168.20	168.66	171.01	171.05	171.12	171.17	171.42	170.79	170.65	170.64
30	168.97	168.45	168.17	168.67	---	171.07	171.25	171.18	171.41	170.81	170.63	170.61
31	168.95	---	168.16	168.63	---	171.04	---	171.24	---	170.78	170.62	---
MAX	169.64	168.94	168.43	168.68	171.01	171.19	171.25	171.52	171.67	171.44	170.76	170.70
MIN	168.95	168.45	168.07	167.90	168.59	170.94	170.71	171.09	171.33	170.78	170.59	169.96

07346450 BLACK BAYOU AT RODESSA, LA

LOCATION.--Lat 32° 57' 31", long 93° 59' 38", in NE $\frac{1}{4}$ sec. 26, T. 23 N., R. 16 W., Caddo Parish, Hydrologic Unit 11140304. Located near right back on downstream side of bridge on U.S. Hwy. 1, 1.0 miles south of intersection of La. Hwy. 168 and La. Hwy. 1, approximately 5 miles north of Myrtis Mill Creek, and 35 miles north of Shreveport, La.

DRAINAGE AREA.--approximately 173.7 mi².

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.10 ft, June 19; minimum gage height, 10.57 ft, Sept. 23.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.68	10.69	10.82	11.30	11.80	12.81	11.81	12.13	11.46	12.70	11.24	10.91
2	10.67	10.69	10.82	11.33	11.76	12.78	11.77	12.51	11.58	12.70	11.22	10.89
3	10.65	10.69	10.83	11.37	11.73	12.57	11.73	12.53	11.67	12.64	11.21	10.89
4	10.64	10.68	10.82	11.38	11.71	12.45	11.70	12.58	11.66	12.57	11.19	10.87
5	10.74	10.67	10.81	11.37	11.77	12.54	11.68	12.54	11.65	12.43	11.16	10.86
6	10.81	10.67	10.82	11.37	11.78	12.47	11.65	12.40	11.91	12.24	11.14	10.85
7	10.81	10.67	10.83	11.38	11.77	12.40	11.64	12.24	12.09	12.10	11.12	10.84
8	10.81	10.67	10.83	11.39	11.81	12.35	11.67	12.07	12.07	11.98	11.09	10.82
9	10.82	10.67	10.84	11.39	11.83	12.25	11.66	11.95	12.15	11.89	11.08	10.81
10	10.82	10.67	10.83	11.40	11.86	12.15	11.68	11.85	12.15	11.82	11.07	10.79
11	10.82	10.67	10.86	11.41	11.95	12.05	11.76	11.79	12.07	11.75	11.05	10.78
12	10.81	10.67	10.87	11.41	12.16	11.96	11.86	11.81	11.97	11.70	11.03	10.76
13	10.82	10.66	10.92	11.41	12.17	11.89	12.01	11.79	11.90	11.65	11.01	10.75
14	10.80	10.65	10.94	11.42	12.23	11.94	12.02	11.76	11.86	11.61	10.99	10.74
15	10.79	10.66	10.97	11.43	12.32	12.04	11.99	11.73	11.98	11.57	10.97	10.72
16	10.79	10.67	10.96	11.44	12.31	12.05	11.93	11.70	12.61	11.54	10.95	10.70
17	10.77	10.70	10.97	11.52	12.27	12.07	11.87	11.67	12.55	11.51	10.93	10.69
18	---	10.78	10.98	11.53	12.21	12.04	11.82	11.64	12.78	11.48	10.92	10.67
19	10.75	10.78	10.99	11.54	12.15	11.98	11.76	11.62	13.06	11.46	10.94	10.65
20	10.75	10.79	11.00	11.55	12.05	11.93	11.72	11.59	13.02	11.43	11.00	10.63
21	10.74	10.80	11.02	11.54	11.98	11.87	11.69	11.57	12.79	11.41	11.00	10.62
22	10.73	10.81	11.03	11.54	11.91	11.82	11.66	11.54	12.58	11.39	11.01	10.60
23	10.72	10.81	11.06	11.54	11.86	11.78	11.63	11.51	12.36	11.37	11.03	10.59
24	10.72	10.82	11.09	11.62	11.84	11.74	11.63	11.49	12.22	11.35	11.04	10.67
25	10.72	10.83	11.10	11.95	12.07	11.73	11.72	11.47	12.11	11.32	11.03	10.81
26	10.73	10.83	11.11	11.93	12.32	11.71	11.81	11.45	12.01	11.30	11.02	10.81
27	10.72	10.82	11.13	11.87	12.34	11.70	11.80	11.43	12.01	11.29	11.00	10.79
28	10.71	10.81	11.14	11.90	12.34	11.70	11.80	11.44	12.17	11.27	10.98	10.79
29	10.71	10.82	11.22	11.91	12.33	11.85	11.82	11.44	12.37	11.26	10.97	10.77
30	10.71	10.82	11.25	11.89	---	11.88	11.87	11.42	12.58	11.26	10.95	10.76
31	10.70	---	11.27	11.85	---	11.84	---	11.41	---	11.25	10.93	---
MAX	10.82	10.83	11.27	11.95	12.34	12.81	12.02	12.58	13.06	12.70	11.24	10.91
MIN	10.64	10.65	10.81	11.30	11.71	11.70	11.63	11.41	11.46	11.25	10.92	10.59

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA

LOCATION.--Lat 32° 38'45", Long 93° 52'40", in NW 1/4 NW 1/4 sec.14, T.19 N., R.15 W., Caddo Parish, Hydrologic Unit 11140304, near right bank on downstream side of pier of bridge on State Highway 173, 0.1 mi downstream from Cottonwood Bayou, 4.2 mi southwest of Dixie, 5.5 mi downstream from Caddo Lake, and 17.3 mi upstream from mouth.

DRAINAGE AREA.--3,137 mi².

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.44 ft, Mar. 5; minimum gage height, 9.18 ft, Nov. 28.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.69	9.70	9.82	9.80	10.79	18.79	10.94	13.85	10.62	18.88	9.93	10.02
2	9.74	9.76	9.74	10.0	10.87	20.88	10.88	16.18	10.52	18.67	9.90	10.16
3	9.85	9.79	9.70	10.01	10.64	20.53	10.82	15.61	10.95	18.37	9.92	9.99
4	9.91	9.75	9.66	9.94	10.50	19.68	10.63	15.09	11.15	17.76	9.90	9.91
5	9.94	9.65	9.47	9.67	10.54	21.09	10.40	14.77	11.02	17.25	9.87	9.98
6	9.98	9.57	9.49	9.50	10.62	20.86	10.32	14.69	12.66	17.19	9.87	9.96
7	10.03	9.56	9.65	9.72	11.12	19.89	10.33	14.63	14.61	17.02	9.97	10.04
8	10.02	9.52	9.90	9.90	11.56	18.88	10.27	14.49	14.87	16.53	10.01	10.09
9	10.08	9.60	10.15	9.82	11.74	17.93	10.20	14.23	16.31	16.05	9.75	10.04
10	10.01	9.73	9.73	9.63	11.83	17.00	10.16	13.96	16.79	15.28	9.94	9.88
11	9.91	9.79	9.51	9.62	13.02	17.03	10.01	13.70	16.56	14.12	10.44	9.85
12	9.77	9.74	9.71	9.66	14.69	16.69	10.27	13.63	16.37	13.13	10.20	9.92
13	9.66	9.75	9.97	9.70	14.85	16.22	10.56	13.32	16.09	12.48	9.93	9.94
14	9.62	9.98	9.95	9.75	14.12	15.80	10.52	13.50	16.10	12.33	10.13	9.95
15	9.63	10.21	9.97	9.75	14.28	15.79	10.77	13.03	16.62	12.33	10.01	9.89
16	9.64	10.13	9.73	9.85	14.24	15.41	10.79	12.60	18.22	12.01	9.79	9.91
17	9.56	9.71	9.68	10.00	14.32	14.86	10.52	12.25	18.83	11.77	9.80	10.08
18	9.55	9.66	9.60	9.88	14.29	14.54	10.18	11.92	18.56	11.28	10.04	10.07
19	9.58	9.48	9.56	9.78	14.32	14.13	10.27	11.59	18.35	10.91	10.23	10.06
20	9.60	9.63	9.69	9.68	14.65	13.68	10.35	11.14	18.44	10.62	10.07	10.10
21	9.65	9.95	9.82	9.62	14.44	12.88	10.26	10.64	18.35	10.28	9.63	10.09
22	9.61	10.11	10.00	9.70	13.92	12.46	10.14	10.55	18.10	10.24	9.84	9.95
23	9.59	10.03	9.79	10.29	13.80	12.33	9.93	10.43	17.85	10.21	10.07	9.89
24	9.63	9.83	9.64	10.73	13.63	12.17	9.98	10.16	17.73	10.03	10.08	10.11
25	9.79	9.85	9.67	11.19	15.10	11.91	10.54	10.02	17.46	9.63	9.99	10.00
26	9.88	10.07	9.72	11.45	16.84	11.45	10.82	10.10	17.17	9.79	10.08	9.81
27	9.98	9.92	9.76	11.42	16.58	11.24	10.67	10.20	18.30	10.16	9.95	9.92
28	9.96	9.44	9.71	11.11	16.18	11.31	10.73	10.09	19.54	10.16	9.79	9.96
29	9.81	9.62	9.74	11.21	15.61	11.26	11.62	9.82	18.97	10.15	9.67	9.93
30	9.65	9.96	9.58	11.17	---	11.19	11.67	9.83	18.46	10.11	9.75	9.99
31	9.57	---	9.59	10.89	---	11.04	---	10.06	---	9.99	9.82	---
MAX	10.08	10.21	10.15	11.45	16.84	21.09	11.67	16.18	19.54	18.88	10.44	10.16
MIN	9.55	9.44	9.47	9.50	10.50	11.04	9.93	9.82	10.52	9.63	9.63	9.81

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 U.S. Highway 371 and State highway 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 NGVD 1929.

REMARKS.--Records good above 200 ft³/s, fair below, except for discharges less than 50 ft³/s and estimated record, which are poor. Satellite telemetry and raingage at site.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Mar 3	0530	*8,830	*15.54	Jul 3	0800	3,480	14.06
Jun 21	1100	5,350	14.90				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2.7	e4.7	e8.0	89	309	3,100	925	491	e40	2,560	e6.6	e6.8
2	e2.5	e5.1	e8.0	92	315	5,690	1,080	838	104	3,030	e5.4	e5.4
3	e2.4	e5.3	e7.9	71	302	8,090	1,080	981	250	3,420	e4.7	e4.0
4	e2.2	e4.9	e7.5	59	221	5,380	903	1,120	339	3,000	e4.1	e3.2
5	e2.7	e4.5	e7.3	55	211	4,480	612	1,180	377	2,370	e3.5	e2.6
6	e4.3	e4.4	e7.4	e49	214	3,620	355	1,110	492	1,860	e2.8	e2.1
7	e3.2	e4.5	e7.6	e40	221	3,100	233	957	638	1,500	e2.4	e4.3
8	e2.7	e4.8	e7.9	e35	300	2,940	197	728	763	1,190	e2.3	e3.8
9	e3.0	e5.0	e8.8	e32	347	2,610	164	461	958	993	e2.3	e1.5
10	e5.5	e5.1	e12	e28	363	2,210	221	250	1,110	848	e2.2	e0.65
11	e3.8	e5.3	e12	e26	421	1,850	341	137	1,320	707	e2.6	e0.45
12	e3.5	e5.2	e11	e25	822	1,490	350	156	1,400	533	e6.4	e0.53
13	e3.5	e6.2	e16	e25	830	1,140	300	257	1,280	350	e6.7	e0.43
14	e3.5	e5.9	e21	e24	835	905	284	735	1,050	204	e4.8	e0.24
15	e3.4	e6.1	e19	e23	1,040	754	352	1,180	854	124	e3.3	e0.40
16	e3.4	e6.7	e17	e22	1,160	645	381	1,410	986	82	e2.5	e1.0
17	e3.5	e7.3	e17	e27	1,170	678	326	1,230	1,230	58	e2.0	e0.62
18	e3.5	e22	e17	e35	1,150	739	252	850	1,910	e41	e1.7	e0.25
19	e3.4	e13	e16	e39	1,120	758	197	453	2,290	e31	e2.3	e0.17
20	e3.4	e7.8	e15	e44	1,080	718	151	245	3,380	e25	e19	e0.15
21	e3.8	e12	e16	e46	961	636	113	170	5,210	e20	e28	e0.13
22	e3.9	e26	e16	e42	796	545	85	129	4,780	e17	e13	e0.14
23	e3.6	e21	e19	e37	644	484	69	96	3,800	e14	e7.9	e0.14
24	e3.5	e16	e21	51	610	486	64	72	3,110	e12	e16	e0.52
25	e3.6	e13	e19	236	675	483	126	56	2,500	e9.8	e25	e4.2
26	e4.1	e11	e20	242	905	414	205	e42	2,030	e7.7	e16	e2.0
27	e4.3	e9.4	e24	275	939	325	200	e33	2,140	e6.6	e13	e0.65
28	e4.4	e8.6	e24	350	990	267	309	e29	1,960	e5.8	e9.0	e0.27
29	e4.5	e8.3	59	391	1,050	286	382	e25	1,780	e6.6	e9.5	e0.20
30	e4.5	e8.3	54	381	---	458	443	e22	1,930	e11	e11	e0.25
31	e4.5	---	54	332	---	715	---	e22	---	e7.3	e8.7	---
TOTAL	110.8	267.4	569.4	3,223	20,001	55,996	10,700	15,465	50,011	23,043.8	244.7	47.09
MEAN	3.57	8.91	18.4	104	690	1,806	357	499	1,667	743	7.89	1.57
MAX	5.5	26	59	391	1,170	8,090	1,080	1,410	5,210	3,420	28	6.8
MIN	2.2	4.4	7.3	22	211	267	64	22	40	5.8	1.7	0.13
AC-FT	220	530	1,130	6,390	39,670	111,100	21,220	30,670	99,200	45,710	485	93
CFSM	0.01	0.01	0.03	0.17	1.14	2.99	0.59	0.82	2.76	1.23	0.01	0.00
IN.	0.01	0.02	0.04	0.20	1.23	3.44	0.66	0.95	3.08	1.42	0.02	0.00

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

MEAN	160	256	840	956	1,241	1,297	1,188	792	422	196	58.6	92.9
MAX	2,375	1,351	4,911	3,061	4,176	5,036	4,646	3,707	3,262	2,937	553	2,533
(WY)	(2002)	(1975)	(2002)	(1991)	(2001)	(2001)	(1991)	(1991)	(1974)	(1989)	(1996)	(1974)
MIN	0.99	1.34	12.2	11.8	31.6	96.4	149	22.3	3.10	1.58	0.78	0.89
(WY)	(2001)	(1996)	(2000)	(2000)	(1996)	(1996)	(1987)	(1988)	(1988)	(1964)	(2000)	(2000)

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1958 - 2004		
ANNUAL TOTAL	147,707			179,679			622		
ANNUAL MEAN	405			491			1,551		1974
HIGHEST ANNUAL MEAN							129		1967
LOWEST ANNUAL MEAN							35,000		Apr 28, 1958
HIGHEST DAILY MEAN	6,020	Feb 25		8,090	Mar 3		a0.00		Oct 10, 1957
LOWEST DAILY MEAN	2.2	Oct 4		e0.13	Sep 21		0.07		Oct 8, 1957
ANNUAL SEVEN-DAY MINIMUM	2.6	Sep 29		0.21	Sep 18		36,700		Apr 6, 1997
MAXIMUM PEAK FLOW				8,830	Mar 3		22.79		Apr 28, 1958
MAXIMUM PEAK STAGE				15.54	Mar 3		a0.00		Oct 10, 1957
INSTANTANEOUS LOW FLOW				*			*		
INSTANTANEOUS LOW STAGE				b3.85	Sep 21				
ANNUAL RUNOFF (AC-FT)	293,000			356,400			450,600		
ANNUAL RUNOFF (CFSM)	0.669			0.811			1.03		
ANNUAL RUNOFF (INCHES)	9.08			11.05			13.97		
10 PERCENT EXCEEDS	1,130			1,240			1,690		
50 PERCENT EXCEEDS	47			40			128		
90 PERCENT EXCEEDS	4.4			2.7			2.7		

a Also occurred Oct. 11-14, 1957

b Also occurred September 23

c Estimated

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.96	4.13	4.35	6.22	8.25	13.42	11.07	9.10	5.16	13.45	4.23	4.24
2	3.93	4.16	4.35	6.26	8.28	14.64	11.48	10.66	6.19	13.78	4.18	4.18
3	3.92	4.17	4.34	5.95	8.20	15.34	11.48	11.18	7.64	14.02	4.15	4.13
4	3.88	4.14	4.32	5.76	7.58	14.57	10.90	11.59	8.28	13.75	4.13	4.09
5	3.95	4.12	4.30	5.69	7.50	14.26	9.72	11.72	8.51	13.30	4.11	4.06
6	4.09	4.10	4.31	5.57	7.53	13.87	8.36	11.58	9.14	12.83	4.07	4.04
7	4.00	4.11	4.32	5.39	7.59	13.59	7.51	11.10	9.85	12.34	4.05	4.13
8	3.95	4.14	4.34	5.26	8.18	13.50	7.21	10.22	10.37	11.77	4.05	4.12
9	3.98	4.15	4.39	5.19	8.50	13.29	6.90	8.97	11.10	11.22	4.04	4.00
10	4.19	4.16	4.57	5.09	8.59	13.00	7.40	7.63	11.56	10.71	4.04	3.96
11	4.06	4.17	4.52	5.03	8.91	12.68	8.29	6.62	12.03	10.14	4.06	3.95
12	4.03	4.17	4.50	5.01	10.80	12.24	8.35	6.79	12.19	9.35	4.22	3.95
13	4.03	4.23	4.71	5.00	10.84	11.62	8.01	7.66	11.95	8.33	4.24	3.95
14	4.03	4.22	4.89	4.99	10.85	11.01	7.90	10.23	11.39	7.27	4.16	3.93
15	4.02	4.23	4.80	4.96	11.44	10.45	8.35	11.71	10.73	6.48	4.10	3.94
16	4.02	4.27	4.74	4.92	11.72	9.95	8.53	12.17	11.19	5.94	4.05	3.97
17	4.03	4.30	4.76	5.06	11.74	10.12	8.19	11.82	11.84	5.53	4.03	3.96
18	4.03	4.91	4.75	5.27	11.69	10.40	7.66	10.69	12.86	5.21	4.01	3.93
19	4.02	4.57	4.70	5.36	11.65	10.48	7.22	8.92	13.24	4.97	4.04	3.90
20	4.02	4.33	4.68	5.47	11.54	10.30	6.78	7.61	13.97	4.80	4.61	3.87
21	4.06	4.52	4.71	5.51	11.24	9.91	6.35	6.96	14.85	4.66	4.87	3.86
22	4.06	5.05	4.71	5.43	10.71	9.47	5.98	6.54	14.69	4.56	4.44	3.87
23	4.04	4.89	4.81	5.33	10.05	9.15	5.73	6.14	14.23	4.47	4.28	3.86
24	4.03	4.70	4.90	5.56	9.90	9.16	5.65	5.78	13.83	4.40	4.55	3.95
25	4.04	4.59	4.83	7.68	10.18	9.14	6.42	5.50	13.40	4.33	4.81	4.13
26	4.08	4.48	4.84	7.76	11.08	8.75	7.28	5.23	13.01	4.26	4.56	4.03
27	4.10	4.42	4.99	8.00	11.18	8.19	7.24	5.01	13.11	4.22	4.46	3.96
28	4.11	4.38	4.99	8.51	11.33	7.77	8.07	4.90	12.93	4.20	4.32	3.94
29	4.11	4.36	5.73	8.77	11.46	7.91	8.54	4.79	12.73	4.23	4.33	3.93
30	4.11	4.36	5.67	8.70	---	8.99	8.89	4.71	12.90	4.38	4.37	3.93
31	4.11	---	5.66	8.39	---	10.28	---	4.71	---	4.26	4.31	---
MAX	4.19	5.05	5.73	8.77	11.74	15.34	11.48	12.17	14.85	14.02	4.87	4.24
MIN	3.88	4.10	4.30	4.92	7.50	7.77	5.65	4.71	5.16	4.20	4.01	3.86

07349000 BAYOU DORCHEAT NEAR MINDEN, LA

LOCATION.--Lat 32° 35'55", long 93° 19'59", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ 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 NGVD of 1929 (levels by Corps of Engineers). Prior to Mar. 1, 1940, nonrecording gage at same site and datum. July 29, 1953, to Sept. 30, 1979, supplementary water-stage recorder 4.6 mi upstream from base gage at different datum.

REMARKS.--Gage heights affected by Lake Bistineau.

AVERAGE DISCHARGE.--46 years (water years 1929-31, 1937-79), 1,111 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; maximum gage height, 25.12 ft., Apr. 8, 1997; no flow at times in 1954, 1956, 1964, 1969, 1972, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 9,930 ft³/s, gage height, 18.06 ft, Mar. 6; minimum gage height, 0.73 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.10	7.01	7.30	7.35	7.82	11.45	9.17	8.91	7.65	14.39	3.44	1.49
2	7.08	7.00	7.27	7.37	7.84	12.35	9.09	10.05	8.37	14.19	3.23	1.39
3	7.08	7.00	7.28	7.38	7.79	13.17	9.10	10.61	8.95	14.01	3.02	1.32
4	7.07	6.99	7.26	7.39	7.74	15.17	9.13	10.88	8.97	13.85	2.83	1.25
5	7.07	6.99	7.23	7.38	8.45	17.57	9.15	10.93	8.61	13.73	2.64	1.20
6	7.09	6.97	7.22	7.33	8.70	17.98	9.13	10.88	8.46	13.65	2.42	1.15
7	7.09	6.95	7.24	7.33	8.62	17.43	9.00	10.71	8.53	13.54	2.27	1.12
8	7.08	6.94	7.24	7.34	8.52	16.62	8.66	10.43	8.56	13.30	2.13	1.07
9	7.10	6.93	7.28	7.33	8.43	15.85	8.21	10.04	8.98	12.89	1.99	1.04
10	7.09	6.94	7.29	7.32	8.41	15.09	7.96	9.55	9.22	12.36	1.87	1.02
11	7.09	6.96	7.26	7.32	8.47	14.41	8.07	8.96	9.29	11.68	1.77	0.99
12	7.08	6.96	7.25	7.31	9.12	13.81	8.17	8.50	9.28	10.79	1.88	0.96
13	7.08	6.90	7.30	7.30	9.33	13.26	8.39	8.16	9.35	9.83	1.79	0.93
14	7.07	6.92	7.33	7.31	9.66	12.74	8.46	8.07	9.92	9.03	1.60	0.90
15	7.07	6.93	7.36	7.29	10.27	12.20	8.40	8.03	10.16	8.45	1.48	0.87
16	7.06	7.04	7.32	7.29	10.68	11.57	8.27	8.19	10.57	7.94	1.39	0.84
17	7.03	7.09	7.31	7.35	10.93	10.87	8.15	8.56	10.94	7.48	1.31	0.83
18	7.02	7.33	7.29	7.34	11.04	10.22	8.07	8.95	11.01	7.09	1.25	0.81
19	7.02	7.27	7.27	7.33	11.07	9.67	7.98	9.20	10.76	6.75	1.22	0.80
20	7.01	7.29	7.27	7.32	11.03	9.28	7.88	9.27	11.04	6.44	1.33	0.79
21	7.01	7.29	7.28	7.31	10.87	9.25	7.78	9.02	11.09	6.13	1.41	0.78
22	7.00	7.29	7.28	7.31	10.60	9.12	7.70	8.40	11.25	5.83	1.68	0.77
23	6.98	7.30	7.29	7.31	10.31	8.97	7.62	7.93	11.80	5.54	2.07	0.77
24	6.99	7.29	7.27	7.46	9.99	8.78	7.58	7.73	12.71	5.24	2.15	0.79
25	7.00	7.29	7.26	7.98	9.88	8.57	7.69	7.63	13.69	4.94	2.21	0.77
26	7.02	7.29	7.26	8.01	10.16	8.39	7.80	7.56	14.24	4.65	2.26	0.77
27	7.04	7.41	7.26	7.95	10.29	8.27	7.85	7.51	14.41	4.39	2.18	0.77
28	7.04	7.37	7.27	7.96	10.41	8.20	8.01	7.45	14.56	4.14	2.05	0.76
29	7.04	7.36	7.33	7.95	10.57	9.26	8.16	7.44	14.68	3.90	1.91	0.75
30	7.04	7.34	7.34	7.90	---	9.43	8.38	7.43	14.51	3.68	1.77	0.74
31	7.02	---	7.34	7.85	---	9.35	---	7.44	---	3.50	1.61	---
MAX	7.10	7.41	7.36	8.01	11.07	17.98	9.17	10.93	14.68	14.39	3.44	1.49
MIN	6.98	6.90	7.22	7.29	7.74	8.20	7.58	7.43	7.65	3.50	1.22	0.74

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 at station. Datum of gage is 130.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.93 ft, Mar. 7; minimum gage height, 3.54 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.96	10.83	11.12	11.10	11.32	12.06	11.74	11.56	11.26	12.60	---	4.39
2	10.93	10.82	11.10	11.10	11.33	12.19	11.67	11.76	11.43	12.53	---	4.32
3	10.90	10.82	11.07	11.10	11.34	12.23	11.62	11.83	11.60	12.41	6.70	4.26
4	10.89	10.81	11.07	11.12	11.34	12.22	11.59	11.84	11.66	12.30	6.52	4.22
5	10.90	10.80	11.07	11.20	11.67	12.53	11.56	11.83	11.63	12.22	6.36	4.16
6	10.92	10.82	11.04	11.17	11.79	12.79	11.54	11.80	11.60	12.16	6.23	4.12
7	10.92	10.80	11.02	11.12	11.74	12.91	11.53	11.77	11.58	12.12	6.05	4.10
8	10.92	10.79	11.00	11.12	11.64	12.84	11.54	11.74	11.60	12.08	5.89	4.04
9	10.92	10.77	11.01	11.14	11.58	12.72	11.49	11.71	11.67	12.06	5.76	3.98
10	10.93	10.76	11.08	11.12	11.64	12.56	11.44	11.66	11.67	12.03	5.63	3.95
11	10.93	10.74	11.06	11.10	11.69	12.43	11.45	11.61	11.65	11.97	5.54	3.91
12	10.93	10.74	11.07	11.09	11.89	12.32	11.45	11.62	11.62	11.90	5.51	3.87
13	10.91	10.78	11.13	11.09	11.91	12.20	11.47	11.59	11.62	11.82	5.37	3.83
14	10.92	10.73	11.12	11.07	11.91	12.14	11.46	11.60	11.73	11.72	5.26	3.79
15	10.89	10.71	11.08	11.08	11.94	12.07	11.44	11.54	11.74	11.57	5.16	3.77
16	10.86	10.84	11.12	11.07	11.91	12.01	11.43	11.46	11.80	11.23	5.05	3.76
17	10.88	10.88	11.09	11.11	11.90	11.91	11.41	11.42	11.87	10.93	4.95	3.71
18	10.86	11.03	11.09	11.14	11.87	11.84	11.38	11.43	11.92	10.68	4.86	3.68
19	10.84	11.09	11.08	11.15	11.82	11.76	11.37	11.46	11.95	10.36	4.79	3.66
20	10.82	11.07	11.07	11.13	11.84	11.68	11.32	11.48	12.03	10.05	4.79	3.64
21	10.81	11.05	11.04	11.11	11.82	11.70	11.31	11.49	11.99	9.75	4.76	3.63
22	10.81	11.04	11.04	11.10	11.80	11.63	11.28	11.46	11.96	9.45	4.76	3.61
23	10.81	11.09	11.08	11.09	11.81	11.57	11.27	11.41	12.09	9.16	4.75	3.60
24	10.79	11.12	11.08	11.16	11.81	11.54	11.27	11.35	12.15	8.88	4.69	3.63
25	10.80	11.07	11.06	11.49	11.91	11.52	11.34	11.30	12.13	8.60	4.67	3.67
26	10.89	11.08	11.05	11.54	11.97	11.49	11.40	11.25	12.18	8.32	4.63	3.66
27	10.85	11.24	11.03	11.50	11.94	11.45	11.37	11.20	12.29	8.04	4.60	3.63
28	10.84	11.20	11.04	11.43	11.88	11.42	11.33	11.19	12.41	7.78	4.62	3.60
29	10.82	11.15	11.12	11.39	11.83	11.71	11.35	11.15	12.46	7.53	4.66	3.58
30	10.80	11.12	11.12	11.40	---	11.84	11.39	11.11	12.49	---	4.63	3.55
31	10.82	---	11.11	11.35	---	11.83	---	11.19	---	---	4.51	---
MAX	10.96	11.24	11.13	11.54	11.97	12.91	11.74	11.84	12.49	12.60	---	4.39
MIN	10.79	10.71	11.00	11.07	11.32	11.42	11.27	11.11	11.26	---	4.51	3.55

07349300 FLAT RIVER NEAR SHREVEPORT, LA

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

DRAINAGE AREA.--approximately 51.4 mi².

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.67 ft, June 28; minimum gage height, 5.16 ft, Oct. 22.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.36	5.29	5.26	5.77	5.87	13.47	6.55	11.13	9.60	13.49	5.43	5.30
2	5.34	5.32	5.25	5.61	5.90	12.45	6.32	12.88	11.24	11.50	5.40	5.29
3	5.28	5.34	5.26	5.52	5.84	10.26	6.14	10.07	10.39	9.50	5.38	5.30
4	5.32	5.31	5.26	5.57	5.80	9.29	5.99	8.87	9.13	8.55	5.41	5.30
5	5.42	5.25	5.27	5.54	8.86	12.61	5.88	8.05	8.13	7.84	5.44	5.29
6	5.46	5.23	5.28	5.44	8.85	10.42	5.80	7.44	11.39	7.33	5.34	5.38
7	5.39	5.28	5.29	5.41	7.92	8.94	5.79	7.00	11.78	6.95	5.33	5.44
8	5.37	5.32	5.29	5.41	7.34	8.14	5.89	6.66	9.76	6.66	5.32	5.44
9	5.40	5.32	5.67	5.39	6.92	7.56	5.81	6.41	12.48	6.41	5.30	5.34
10	5.37	5.33	5.94	5.37	6.90	7.07	5.77	6.21	10.64	6.23	5.31	5.30
11	5.37	5.33	5.57	5.34	7.36	6.78	5.91	6.06	9.14	6.11	5.35	5.31
12	5.38	5.34	5.43	5.32	10.49	6.54	6.25	6.20	8.24	5.98	5.40	5.31
13	5.36	5.32	6.47	5.27	9.08	6.38	6.45	6.65	7.97	5.86	5.38	5.29
14	5.36	5.30	6.30	5.25	8.88	6.64	6.28	6.81	9.61	5.79	5.34	5.25
15	5.36	5.31	5.88	5.30	9.47	6.59	6.05	6.71	9.58	5.72	5.32	5.25
16	5.36	5.41	5.58	5.34	8.48	6.36	5.90	6.46	13.13	5.65	5.31	5.29
17	5.33	5.44	5.40	5.77	8.06	6.15	5.78	6.28	10.90	5.62	5.31	5.29
18	---	---	5.39	5.89	7.79	6.15	5.82	6.11	9.01	5.59	5.31	5.30
19	5.33	---	5.46	5.84	7.27	6.13	5.99	5.99	8.35	5.56	5.43	5.30
20	5.32	5.73	5.44	5.71	6.94	6.05	5.95	5.89	8.11	5.53	5.67	5.29
21	5.21	5.46	5.41	5.54	6.67	6.98	5.81	5.81	7.70	5.52	5.59	5.22
22	5.20	5.35	5.35	5.48	6.42	6.65	5.78	5.72	7.34	5.49	6.08	5.22
23	5.25	5.32	5.48	5.46	6.20	6.26	5.79	5.66	7.06	5.64	6.13	5.24
24	5.30	5.33	5.38	7.18	6.04	6.17	5.77	5.62	7.04	5.98	6.15	5.58
25	5.33	5.29	5.34	10.97	9.46	6.15	6.76	5.59	7.06	5.79	5.99	6.42
26	5.52	5.28	5.31	9.04	10.37	---	7.91	5.44	7.26	5.87	5.73	5.67
27	5.39	5.32	5.30	7.96	8.80	---	7.17	5.41	13.32	5.69	5.55	5.47
28	5.36	5.25	5.42	7.27	8.00	---	6.65	5.44	16.42	5.51	5.43	5.34
29	5.34	5.26	7.94	6.76	7.59	---	7.23	5.50	12.37	5.49	5.36	5.30
30	5.24	5.27	7.12	6.40	---	7.42	8.80	5.49	11.50	5.72	5.31	5.29
31	5.24	---	6.18	6.11	---	6.82	---	5.74	---	5.56	5.30	---
MAX	5.52	---	7.94	10.97	10.49	13.47	8.80	12.88	16.42	13.49	6.15	6.42
MIN	5.20	5.23	5.25	5.25	5.80	---	5.77	5.41	7.04	5.49	5.30	5.22

07349500 BODCAU BAYOU NEAR SAREPTA, LA

LOCATION.--Lat 32° 54' 18", long 93° 28' 58", in NE $\frac{1}{4}$ 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 NGVD of 1929 (levels by Corps of Engineers).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 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 of 1905 may have reached a stage of 27 ft from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.04 ft, Mar. 3; minimum gage height not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.51	---	2.73	3.18	3.08	13.12	7.69	7.17	4.07	13.80	3.95	5.08
2	2.55	---	2.73	3.03	3.17	14.91	7.25	9.03	4.40	13.96	3.92	5.02
3	2.56	---	2.74	2.96	3.23	15.96	6.65	9.93	4.48	14.16	3.88	4.96
4	2.52	---	2.75	2.91	3.28	15.77	6.19	10.23	4.50	13.98	3.85	4.89
5	2.59	---	2.75	2.90	3.98	15.51	5.88	9.88	4.54	13.56	4.52	4.83
6	2.68	---	2.74	2.86	4.41	15.13	5.58	8.98	6.45	13.03	5.32	4.84
7	2.68	---	2.72	2.81	4.55	14.96	5.31	8.07	8.55	12.47	5.44	4.91
8	2.61	---	2.70	2.79	4.11	14.70	5.25	7.55	10.59	11.95	5.40	4.95
9	2.61	---	2.76	2.79	3.86	14.21	5.20	7.40	12.44	11.49	5.34	4.81
10	2.70	---	2.88	2.79	4.24	13.49	5.18	7.39	13.48	11.04	5.28	4.74
11	2.69	---	2.89	2.77	5.19	12.73	5.21	7.30	13.77	10.57	5.22	5.50
12	2.65	---	2.83	2.74	7.62	12.00	5.53	7.18	13.63	10.02	5.16	6.07
13	2.62	---	3.03	2.74	8.39	11.38	6.01	6.97	13.28	9.35	5.11	6.19
14	---	---	3.08	2.73	8.55	11.04	6.16	6.95	12.89	8.52	5.05	6.17
15	---	---	3.04	2.74	8.33	10.94	5.85	6.73	12.52	7.57	4.97	6.09
16	---	2.71	2.95	2.74	8.00	10.97	5.27	6.53	12.46	6.65	4.90	5.99
17	---	2.80	2.89	2.93	8.05	10.93	4.82	6.17	12.38	5.87	4.84	5.91
18	---	3.31	2.87	3.11	7.96	10.59	4.59	5.72	12.13	5.27	4.78	5.84
19	---	3.33	2.86	3.16	7.79	9.92	4.47	5.29	11.69	4.88	4.85	5.74
20	---	3.13	2.84	3.06	7.71	9.15	4.37	5.01	11.66	4.54	5.55	5.63
21	---	2.96	2.81	2.93	7.65	8.56	4.33	4.76	11.81	4.22	5.86	5.55
22	---	2.86	2.79	2.82	7.73	8.15	4.24	4.55	12.78	4.02	5.81	5.47
23	---	2.84	2.87	2.73	7.84	7.83	4.16	4.32	13.18	3.91	5.71	5.38
24	---	2.86	2.86	3.10	7.93	7.34	4.13	4.10	13.15	3.84	5.63	5.34
25	---	2.82	2.86	4.88	8.90	7.03	4.92	3.98	13.01	3.80	5.57	5.44
26	---	2.80	2.83	5.24	10.08	6.77	6.26	3.91	12.52	3.76	5.50	5.50
27	---	2.83	2.81	4.59	10.87	6.53	6.32	3.86	12.17	3.74	5.43	5.35
28	---	2.79	2.82	3.81	11.29	6.33	5.58	3.82	12.37	3.48	5.35	5.22
29	---	2.75	3.43	3.43	11.13	6.79	5.53	3.81	13.11	2.96	5.29	5.13
30	---	2.73	3.55	3.28	---	7.17	6.03	3.80	13.55	3.25	5.23	5.06
31	---	---	3.40	3.14	---	7.68	---	3.80	---	3.84	5.16	---
MAX	---	---	3.55	5.24	11.29	15.96	7.69	10.23	13.77	14.16	5.86	6.19
MIN	---	---	2.70	2.73	3.08	6.33	4.13	3.80	4.07	2.96	3.85	4.74

07349815 CYPRESS BAYOU LAKE NEAR BENTON, LA

LOCATION.--Lat 32° 39'07", long 93° 40'11", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.86 ft, Mar. 5; minimum gage height, 8.35 ft, Nov. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.76	8.54	8.50	8.74	9.38	10.44	9.89	10.32	9.65	10.19	9.25	8.91
2	8.73	8.53	8.49	8.75	9.41	10.56	9.86	10.49	9.82	10.15	9.24	8.89
3	8.71	8.52	8.48	8.75	9.42	10.69	9.82	10.46	9.83	10.12	9.21	8.87
4	8.69	8.52	8.48	8.78	9.43	10.68	9.78	10.41	9.77	10.08	9.20	8.86
5	8.72	8.51	8.48	8.79	9.55	10.82	9.74	10.31	9.72	9.99	9.18	8.85
6	8.77	8.51	8.46	8.77	9.59	10.68	9.71	10.17	9.80	9.90	9.16	8.86
7	8.76	8.49	8.44	8.74	9.60	10.58	9.69	10.04	9.83	9.82	9.12	8.90
8	8.75	8.48	8.43	8.74	9.60	10.45	9.70	9.94	9.87	9.77	9.09	8.86
9	8.75	8.47	8.47	8.76	9.62	10.33	9.68	9.86	10.02	9.72	9.07	8.84
10	8.75	8.46	8.51	8.75	9.64	10.19	9.69	9.81	10.00	9.68	9.06	8.82
11	8.75	8.45	8.48	8.74	9.69	10.08	9.73	9.76	9.98	9.65	9.05	8.80
12	8.74	8.45	8.48	8.74	9.82	9.99	9.79	9.79	9.92	9.62	9.05	8.79
13	8.73	8.45	8.57	8.74	9.87	9.91	9.85	9.79	9.85	9.60	9.02	8.77
14	8.75	8.41	8.57	8.74	9.95	9.91	9.88	9.82	9.79	9.58	8.99	8.75
15	8.72	8.40	8.56	8.75	9.98	9.90	9.88	9.82	9.86	9.56	8.97	8.73
16	8.70	8.42	8.59	8.74	9.96	9.93	9.84	9.80	10.07	9.54	8.95	8.73
17	8.70	8.43	8.58	8.80	9.95	9.93	9.80	9.76	10.11	9.52	8.93	8.70
18	8.68	8.59	8.58	8.85	9.90	9.92	9.75	9.74	10.11	9.50	8.91	8.68
19	8.67	8.59	8.58	8.87	9.83	9.87	9.73	9.71	10.10	9.47	8.91	8.66
20	8.65	8.56	8.57	8.87	9.82	9.83	9.69	9.69	10.01	9.45	8.96	8.63
21	8.64	8.55	8.55	8.87	9.77	9.88	9.67	9.66	9.95	9.43	8.99	8.61
22	8.63	8.54	8.55	8.88	9.74	9.82	9.65	9.64	9.94	9.41	9.03	8.58
23	8.63	8.56	8.60	8.89	9.72	9.78	9.63	9.62	9.90	9.39	9.04	8.57
24	8.61	8.55	8.59	8.99	9.70	9.75	9.65	9.60	9.85	9.37	9.03	8.64
25	8.60	8.53	8.58	9.19	9.90	9.74	9.76	9.58	9.81	9.36	9.01	8.73
26	8.62	8.52	8.57	9.27	10.06	9.73	9.85	9.56	9.80	9.33	9.00	8.74
27	8.59	8.56	8.57	9.32	10.11	9.71	9.90	9.54	10.02	9.30	8.99	8.75
28	8.57	8.53	8.60	9.33	10.12	9.71	9.91	9.54	10.15	9.28	8.98	8.74
29	8.55	8.51	8.73	9.35	10.10	9.82	9.96	9.52	10.12	9.26	8.97	8.73
30	8.53	8.50	8.73	9.38	---	9.83	10.04	9.50	10.15	9.27	8.96	8.73
31	8.54	---	8.74	9.38	---	9.88	---	9.53	---	9.27	8.93	---
MAX	8.77	8.59	8.74	9.38	10.12	10.82	10.04	10.49	10.15	10.19	9.25	8.91
MIN	8.53	8.40	8.43	8.74	9.38	9.71	9.63	9.50	9.65	9.26	8.91	8.57

07349850 RED CHUTE BAYOU NEAR SHREVEPORT, LA

LOCATION.--Lat 32° 33' 15", long 93° 38' 27", in NW $\frac{1}{4}$ sec. 16, T. 18 N., R. 12 W., Bossier Parish, Hydrologic Unit 11140204, on left downstream side of bridge on U.S. Highway 80, 1.0 mile east of intersection Hwy. 80 and Interstate 220, approximately 5.2 miles upstream from confluence with Bayou Fifi, and approximately 7 miles east of Bossier City, La.

DRAINAGE AREA.--approximately 949 mi².

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

REVISED RECORDS.--None.

GAGE.--Water-stage recorder at station. Datum of gage is 137.03 ft above NGVD of 1929 (levels by Corps of Engineers, Vicksburg District).

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.10 ft, Mar. 9 and July 1; minimum not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.86	---	---	7.62	9.57	16.41	18.53	13.44	11.49	20.83	14.00	8.95
2	---	---	---	7.55	9.60	17.25	18.28	13.97	12.05	20.82	13.62	8.91
3	---	---	---	7.54	9.53	18.17	17.96	14.78	12.17	20.75	13.22	8.90
4	---	---	6.80	7.52	9.43	18.79	17.65	15.24	12.15	20.60	12.78	8.88
5	---	7.00	---	7.55	10.23	19.84	17.33	15.54	12.02	20.45	---	8.86
6	---	6.90	---	7.57	10.18	20.25	16.99	15.74	13.21	20.31	---	8.86
7	---	---	---	7.54	10.28	20.71	16.63	15.80	12.66	20.14	11.41	8.98
8	---	---	---	7.52	10.28	20.96	16.26	15.74	12.57	19.98	10.96	8.91
9	---	---	---	7.51	10.22	21.06	15.85	15.64	12.77	19.87	10.52	8.80
10	---	---	---	7.48	10.27	21.08	15.48	15.48	12.84	19.75	10.11	8.71
11	6.87	---	---	7.44	10.50	21.04	15.17	15.30	13.03	19.62	---	8.65
12	6.87	---	6.89	7.41	11.18	20.97	14.96	15.20	13.18	19.48	9.33	8.64
13	6.86	---	7.15	7.38	11.31	20.87	14.74	15.10	13.36	19.34	8.95	8.63
14	---	---	7.29	7.37	11.70	20.88	14.52	15.05	13.63	19.17	8.71	8.60
15	---	---	7.27	7.35	12.07	20.80	14.32	14.89	14.68	19.02	8.58	8.57
16	---	---	7.19	7.35	12.31	20.71	14.14	14.74	15.29	18.86	8.59	---
17	6.73	7.18	7.07	7.44	12.64	20.65	13.93	14.59	15.56	18.69	8.57	---
18	6.73	7.35	7.02	7.52	12.84	20.53	13.73	14.41	16.14	18.53	8.53	8.57
19	---	7.30	6.97	7.59	13.04	20.41	13.49	14.22	16.61	18.32	8.56	8.61
20	---	7.18	6.93	7.60	13.16	20.29	13.23	14.02	17.33	18.08	8.72	8.68
21	---	7.03	6.89	7.56	13.25	20.45	12.94	13.78	17.62	17.83	8.73	8.78
22	---	6.92	6.85	7.53	13.31	20.19	12.65	13.52	17.77	17.55	9.07	8.90
23	---	6.85	7.00	7.50	13.32	20.02	12.33	13.23	17.85	17.23	9.18	9.00
24	---	---	7.08	8.10	13.32	19.83	12.02	12.92	17.87	16.88	---	9.16
25	---	---	7.14	9.28	13.93	19.61	12.02	12.58	17.92	16.48	---	9.30
26	---	---	7.26	9.65	13.95	19.42	11.88	12.24	18.14	16.05	8.90	9.36
27	---	---	7.22	9.74	14.16	19.23	11.81	11.88	19.31	15.61	8.89	9.40
28	---	---	7.22	9.52	14.48	19.02	11.79	11.49	20.11	15.22	8.91	9.43
29	---	---	7.73	9.39	14.81	19.21	12.20	11.19	20.59	14.91	9.00	9.45
30	---	---	7.84	9.47	---	18.94	12.29	10.85	20.48	14.63	9.02	9.46
31	---	---	7.77	9.56	---	18.76	---	10.56	---	14.35	9.02	---
MAX	---	---	---	9.74	14.81	21.08	18.53	15.80	20.59	20.83	14.00	9.46
MIN	---	---	---	7.35	9.43	16.41	11.79	10.56	11.49	14.35	8.53	---

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

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	7.3	13	63	223	1,590	1,810	920	547	2,900	866	170
2	16	7.0	12	54	231	1,760	1,730	1,090	733	2,790	807	164
3	15	7.1	12	49	229	1,960	1,630	1,230	800	2,660	747	162
4	13	8.3	13	48	216	2,030	1,560	1,290	827	2,490	687	160
5	12	15	14	51	379	2,330	1,490	1,300	774	2,370	627	158
6	13	17	14	50	388	2,390	1,420	1,280	903	2,270	567	155
7	14	15	13	49	389	2,440	1,340	1,240	919	2,180	506	161
8	14	12	13	47	376	2,450	1,270	1,190	910	2,100	444	160
9	14	11	14	46	351	2,430	1,190	1,170	941	2,050	388	150
10	13	9.8	18	44	347	2,390	1,110	1,140	888	2,020	334	142
11	14	9.1	17	42	389	2,330	1,050	1,110	871	1,980	285	135
12	16	8.7	17	40	613	2,280	1,020	1,110	845	1,940	250	130
13	16	8.4	41	39	609	2,240	994	1,090	814	1,910	200	125
14	16	7.7	38	38	664	2,250	956	1,110	842	1,880	170	121
15	14	7.6	36	37	718	2,270	920	1,070	1,080	1,840	152	117
16	13	10	35	36	726	2,230	881	1,040	1,430	1,810	145	113
17	12	20	31	41	748	2,210	846	1,000	1,430	1,770	145	112
18	11	94	28	46	759	2,170	813	965	1,500	1,730	140	114
19	10	39	26	50	768	2,130	777	931	1,550	1,700	140	117
20	9.9	32	25	64	762	2,110	738	906	1,700	1,630	153	122
21	10	27	24	64	758	2,180	695	864	1,750	1,580	154	130
22	11	23	23	48	757	2,130	652	819	1,780	1,530	170	140
23	11	21	23	45	763	2,090	608	776	1,780	1,460	190	151
24	10	19	23	95	763	2,030	566	730	1,750	1,400	188	167
25	10	17	25	265	906	1,970	569	683	1,720	1,320	179	180
26	11	15	28	307	980	1,930	578	635	1,720	1,240	172	180
27	11	17	31	354	1,020	1,880	565	589	2,150	1,160	168	184
28	11	17	31	301	1,050	1,830	553	542	2,650	1,080	168	187
29	9.9	15	59	231	1,070	1,940	609	495	2,910	1,020	172	188
30	8.7	13	72	225	---	1,910	670	447	2,770	975	176	189
31	7.9	---	72	226	---	1,880	---	413	---	927	176	---
TOTAL	385.4	530.0	841	3,095	17,952	65,760	29,610	29,175	41,284	55,712	9,666	4,484
MEAN	12.4	17.7	27.1	99.8	619	2,121	987	941	1,376	1,797	312	149
MAX	18	94	72	354	1,070	2,450	1,810	1,300	2,910	2,900	866	189
MIN	7.9	7.0	12	36	216	1,590	553	413	547	927	140	112
AC-FT	764	1,050	1,670	6,140	35,610	130,400	58,730	57,870	81,890	110,500	19,170	8,890

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

MEAN	163	426	985	1,518	1,894	2,168	1,929	1,340	1,011	665	221	103
MAX	724	2,001	2,200	3,757	3,802	5,021	4,827	4,244	2,567	3,288	2,130	419
(WY)	(1985)	(1985)	(2001)	(2001)	(2001)	(2001)	(1997)	(1991)	(1989)	(1989)	(1989)	(1989)
MIN	6.97	17.7	27.1	66.3	79.8	44.6	152	71.7	14.5	21.8	14.1	4.24
(WY)	(1989)	(2004)	(2004)	(2000)	(1996)	(1996)	(1996)	(1982)	(1988)	(1988)	(1987)	(1987)

07349860 RED CHUTE BAYOU AT SLIGO, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1980 - 2004	
ANNUAL TOTAL	248,509			258,494			1,031	
ANNUAL MEAN	681			706			2,068	1997
HIGHEST ANNUAL MEAN							206	1982
LOWEST ANNUAL MEAN							6,630	Apr 15, 1991
HIGHEST DAILY MEAN	3,010	Feb 23		2,910	Jun 29		2.2	Oct 5, 1982
LOWEST DAILY MEAN	7.0	Nov 2		7.0	Nov 2		2.8	Sep 30, 1982
ANNUAL SEVEN-DAY MINIMUM	8.0	Oct 29		8.0	Oct 29		6,800	Apr 14, 1991
MAXIMUM PEAK FLOW				2,960	Jun 29		38.26	Apr 14, 1991
MAXIMUM PEAK STAGE				30.00	Jun 29		*	
INSTANTANEOUS LOW FLOW				a7.0	Nov 2		*	
INSTANTANEOUS LOW STAGE				a14.86	Nov 2		*	
ANNUAL RUNOFF (AC-FT)	492,900			512,700			747,300	
10 PERCENT EXCEEDS	2,430			1,970			2,690	
50 PERCENT EXCEEDS	188			384			510	
90 PERCENT EXCEEDS	13			13			24	

a Also occurred Nov. 3

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.32	14.88	14.97	16.16	17.96	25.41	26.32	22.25	19.94	29.80	21.65	17.48
2	15.27	14.86	14.96	15.99	18.02	26.12	26.01	23.18	21.06	29.45	21.33	17.44
3	15.21	14.86	14.95	15.89	18.01	26.90	25.61	23.81	21.44	29.01	21.00	17.42
4	15.14	14.93	14.99	15.87	17.90	27.17	25.29	24.09	21.58	28.45	20.66	17.42
5	15.11	15.23	15.03	15.94	19.09	28.25	24.99	24.11	21.29	28.00	20.31	17.41
6	15.14	15.28	15.02	15.91	19.17	28.48	24.68	24.04	21.96	27.66	19.94	17.38
7	15.17	15.20	14.99	15.89	19.17	28.66	24.36	23.86	22.06	27.31	19.56	17.45
8	15.20	15.12	14.97	15.85	19.09	28.69	24.03	23.61	22.01	27.02	19.19	17.45
9	15.18	15.05	15.02	15.83	18.92	28.63	23.66	23.50	22.16	26.86	18.84	17.36
10	15.15	15.01	15.17	15.81	18.89	28.49	23.30	23.36	21.88	26.73	18.51	17.29
11	15.19	14.97	15.12	15.77	19.16	28.28	22.98	23.19	21.78	26.58	18.18	17.23
12	15.25	14.95	15.12	15.73	20.57	28.09	22.85	23.18	21.63	26.43	17.95	17.19
13	15.25	14.94	15.74	15.70	20.55	27.96	22.70	23.10	21.45	26.33	17.58	17.15
14	15.24	14.90	15.67	15.68	20.88	28.00	22.51	23.18	21.60	26.18	17.33	17.12
15	15.19	14.89	15.64	15.65	21.21	28.06	22.32	22.99	22.74	26.04	17.17	17.08
16	15.13	14.98	15.62	15.63	21.25	27.93	22.11	22.80	24.42	25.91	17.12	17.04
17	15.11	15.27	15.52	15.75	21.38	27.85	21.93	22.61	24.43	25.75	17.12	17.03
18	15.04	16.60	15.45	15.84	21.44	27.68	21.74	22.43	24.73	25.61	17.08	17.05
19	15.01	15.69	15.40	15.91	21.49	27.56	21.54	22.25	24.93	25.49	17.10	17.09
20	15.01	15.55	15.37	16.16	21.46	27.45	21.32	22.10	25.56	25.22	17.23	17.15
21	15.02	15.43	15.34	16.17	21.43	27.72	21.07	21.88	25.75	25.00	17.24	17.23
22	15.07	15.32	15.31	15.88	21.43	27.56	20.81	21.63	25.83	24.76	17.40	17.33
23	15.05	15.25	15.31	15.83	21.46	27.39	20.54	21.38	25.83	24.49	17.58	17.43
24	15.02	15.20	15.32	16.50	21.46	27.16	20.27	21.11	25.71	24.19	17.57	17.58
25	15.02	15.12	15.38	18.29	22.23	26.95	20.30	20.83	25.58	23.86	17.50	17.69
26	15.04	15.07	15.44	18.59	22.63	26.78	20.35	20.53	25.57	23.49	17.45	17.69
27	15.06	15.14	15.53	18.94	22.81	26.59	20.27	20.24	27.20	23.11	17.43	17.73
28	15.06	15.11	15.51	18.55	22.99	26.39	20.19	19.93	28.96	22.75	17.43	17.75
29	15.01	15.04	16.07	18.03	23.10	26.82	20.54	19.63	29.83	22.44	17.48	17.76
30	14.95	15.00	16.31	17.98	---	26.73	20.91	19.34	29.37	22.20	17.52	17.77
31	14.91	---	16.30	17.99	---	26.60	---	19.12	---	21.97	17.53	---
MAX	15.32	16.60	16.31	18.94	23.10	28.69	26.32	24.11	29.83	29.80	21.65	17.77
MIN	14.91	14.86	14.95	15.63	17.90	25.41	20.19	19.12	19.94	21.97	17.08	17.03

07349910 RED CHUTE BAYOU AT HIGH ISLAND, LA

LOCATION.--Lat 32° 33' 15", long 93° 38' 27", in NW $\frac{1}{4}$ sec. 16, T. 18 N., R. 12 W., Bossier Parish, Hydrologic Unit 11140204, near center span on downstream side of wooden bridge on Poole Rd., 4.6 miles east of Intersection of Hwy. 71 and Poole Rd., 1.8 miles upstream from confluence with Loggy Bayou, and approximately 25 miles south of Bossier City, La.

DRAINAGE AREA.--approximately 1,124 mi².

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

REVISED RECORDS.--None.

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.72 ft, July 1; minimum gage height, 7.13 ft, Dec. 11.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.61	7.35	7.75	7.57	8.56	13.92	11.43	11.12	8.63	20.57	9.05	7.51
2	7.51	7.55	7.57	7.78	8.50	15.55	11.01	14.09	10.07	20.30	8.78	7.68
3	7.59	7.69	7.54	7.78	8.46	15.31	10.86	13.28	10.09	19.27	8.63	7.78
4	7.72	7.64	7.43	7.62	8.40	14.70	10.62	12.81	10.00	17.91	8.63	7.67
5	7.74	7.49	7.41	7.75	10.73	15.96	10.34	12.46	10.01	16.56	8.48	7.71
6	7.61	7.35	7.30	7.51	10.48	17.30	10.07	12.38	9.83	15.58	8.36	7.77
7	7.50	7.39	7.37	7.50	9.62	17.40	9.93	12.44	11.33	15.07	8.31	7.47
8	7.55	7.44	7.61	7.67	9.91	17.96	9.83	12.24	10.77	14.77	8.24	7.49
9	7.60	7.33	7.69	7.67	10.29	17.94	9.52	11.82	10.91	14.38	8.09	7.71
10	7.70	7.43	7.66	7.53	10.91	17.41	9.34	11.17	11.63	14.06	7.81	7.52
11	7.80	7.59	7.39	7.46	11.39	17.03	9.13	10.84	11.00	13.21	8.03	7.49
12	7.77	7.70	7.28	7.55	13.93	16.80	9.21	11.13	10.17	12.47	8.32	7.68
13	7.61	7.60	7.61	7.66	13.78	16.27	9.36	10.61	9.60	11.85	7.93	7.75
14	7.38	7.58	7.72	7.66	12.97	15.54	9.24	11.17	10.27	11.63	7.91	7.58
15	7.46	7.72	7.62	7.57	12.53	14.74	9.07	10.51	10.47	11.81	7.89	7.56
16	7.54	7.92	7.60	7.49	12.11	13.83	9.34	9.81	12.20	12.34	7.86	7.42
17	7.53	7.60	7.45	7.56	11.87	13.12	9.08	9.46	12.91	12.14	7.81	7.41
18	---	8.03	7.33	7.68	11.70	12.77	8.81	9.25	12.75	11.69	7.76	7.71
19	7.62	7.65	7.40	7.50	11.42	12.66	8.52	9.19	12.48	11.47	7.80	7.77
20	7.61	7.41	7.46	7.51	11.43	12.20	8.48	9.17	13.59	11.09	8.07	7.63
21	7.51	7.57	7.52	7.38	11.47	12.21	8.44	8.91	13.89	10.82	7.88	7.56
22	7.47	8.04	7.58	7.41	10.87	11.89	8.37	8.77	13.92	10.51	7.59	7.59
23	7.50	8.03	7.81	7.89	10.67	11.54	8.28	8.79	14.97	10.39	7.82	7.50
24	7.61	7.87	7.32	8.35	11.04	11.27	8.06	8.51	15.19	10.21	7.72	7.44
25	---	7.63	7.35	10.91	11.32	11.19	8.42	8.26	14.78	10.04	7.59	7.97
26	---	7.77	7.54	10.11	12.91	11.17	8.70	8.15	14.96	9.63	7.60	7.61
27	---	8.03	7.72	9.47	11.79	10.80	8.37	8.10	16.38	9.64	7.77	7.52
28	7.59	7.61	7.68	9.24	11.53	10.74	8.25	8.26	19.18	9.54	7.67	7.61
29	7.73	7.35	7.75	8.77	11.34	12.06	9.33	8.07	19.62	9.29	7.54	7.67
30	7.66	7.57	7.84	9.11	---	12.25	10.09	7.88	19.64	9.24	7.46	7.70
31	7.45	---	7.48	8.82	---	11.78	---	8.03	---	9.26	7.55	---
MAX	7.80	8.04	7.84	10.91	13.93	17.96	11.43	14.09	19.64	20.57	9.05	7.97
MIN	7.38	7.33	7.28	7.38	8.40	10.74	8.06	7.88	8.63	9.24	7.46	7.41

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.

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

Date	Time	Color, water, ftrd, Pt-Co units (00080)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calcium water, ftrd, mg/L (00915)	Magnes- ium, water, ftrd, mg/L (00925)	Potas- sium, water, ftrd, mg/L (00935)	Sodium, water, ftrd, mg/L (00930)	Alka- linity, wat ftr inc tit field, mg/L as CaCO ₃ (39086)	Chlor- ide, water, ftrd, mg/L (00940)
OCT 30...	1235	40d	--	7.9	1,070	21.9	250	65.8	21.5	5.31	120	161	158
NOV 19...	1300	75d	--	8.1	891	18.2	230	60.9	18.7	4.88	85.5	164	117
DEC 17...	1015	75d	--	7.2	--	10.1	150	39.9	11.6	3.87	58.3	122	72.1
JAN 30...	0850	88d	7.1	7.6	325	9.4	90	24.7	6.76	3.41	30.7	65	35.3
FEB 25...	1100	100d	--	7.8	386	11.0	81	23.2	5.58	4.16	47.0	59	43.9
MAR 25...	1215	125d	--	7.5	248	22.4	66	18.9	4.54	2.86	24.1	52	26.2
APR 27...	1040	150d	7.7	7.8	495	22.3	120	34.0c	9.28c	3.40c	48.6	90	64.9
MAY 25...	1110	200d	7.0	7.2	363	29.0	85	24.2	5.94	3.40	37.6	66	40.4
JUN 29...	1340	250d	4.2	7.2	225	27.3	63	19.1	3.74	2.70	16.6	63	20.8
JUL 20...	1445	75d	5.2	7.6	613	31.1	130	36.2	10.2	3.43	62.6	63	95.5
AUG 23...	1420	25	6.6	7.5	1,130	30.3	240	61.9	21.0	4.76	124	113	197
SEP 23...	1220	35d	5.0	7.7	1,080	27.2	240	61.0	20.9	4.77	118	133	160

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

Date	Fluor- ide, water, ftrd, mg/L (00950)	Sulfate water, ftrd, mg/L (00945)	Residue water, ftrd, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat ftr mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)	Fecal strep- tococci KF MF, col/ 100 mL (31673)	Total coli- form, M-Endo, immed, col/ 100 mL (31501)
OCT 30...	.2	130	604	643	<10	.70	.08	11.9	--	30	10k	12k	25k
NOV 19...	.2	95.0	485	514	<10	.82	.14	8.9	--	50	220	527	634k
DEC 17...	.2	61.7	325	324	43	.74	.08	8.4	--	20	190k	17k	13k
JAN 30...	<.2	32.2	178	188	40	.93	.17	8.2	--	20	250	172	1400k
FEB 25...	<.2	51.8	218	241	<20d	.77	.13	10.6	--	30	47k	89k	268
MAR 25...	<.2	25.5	137	155	<20d	.68	.10	13.4	3.0	30	60k	48k	315
APR 27...	<.2	51.9	268	290	12	.78	.08	10.0	4.0	10	34k	30k	146
MAY 25...	<.2	36.7	188	195	17	.69	.08	11.1	3.0	20	48k	--	45k
JUN 29...	<.2	17.9	125	130	52d	.86	.16	12.4	1.0	20	--	--	--
JUL 20...	<.2	72.9	300	358	23d	.57	.07	10.2	--	30	20k	20k	72k
AUG 23...	.2	144	624	654	<10	.50	.09	8.5	4.0	20	9k	<4	600
SEP 23...	.2	123	574	620	<10	.76	.11	7.8	2.9	20	1,300	4	54

07350500 RED RIVER AT COUSHATTA, LA—Continued

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

Date	Arsenic water unfltrd ug/L (01002)	Beryll- ium, water, unfltrd recover- able, ug/L (01012)	Cadmium water, unfltrd ug/L (01027)	Chrom- ium, water, unfltrd recover- able, ug/L (01034)	Copper, water, unfltrd recover- able, ug/L (01042)	Cyanide water unfltrd mg/L (00720)	Iron, water, unfltrd recover- able, ug/L (01045)	Lead, water, unfltrd recover- able, ug/L (01051)	Mangan- ese, water, unfltrd recover- able, ug/L (01055)	Mercury water, unfltrd recover- able, ug/L (71900)	Nickel, water, unfltrd recover- able, ug/L (01067)	Selen- ium, water, unfltrd ug/L (01147)	Zinc, water, unfltrd recover- able, ug/L (01092)
OCT 30...	2	<.60	<.2	<.8	11.0	<.01	100	1.9	119	<.02	E1.7n	<3	4
NOV 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 30...	E1n	<.60	<.2	.8	3.2	<.01	1,620	1.3	98.7	<.02	2.6	<3	6
FEB 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 27...	E1n	<.60	<.2	<.8	1.8	<.01	390	<1.0	90.4	<.02	E1.1n	<3	12
MAY 25...	--	--	--	--	--	--	--	--	--	<.02	--	--	--
JUN 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 20...	E2n	<.60	<.2	E.5n	2.3	Mn	460	E.7n	71.5	<.02	<2.0	<3	E3n
AUG 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 23...	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Date	Oil and grease, water, unfltrd freon extract mg/L (00556)	Phen- olic com- pounds, water, unfltrd ug/L (32730)
OCT 30...	E4n	<16
NOV 19...	--	--
DEC 17...	--	--
JAN 30...	<7	<16
FEB 25...	--	--
MAR 25...	--	--
APR 27...	<7	<16
MAY 25...	<7	--
JUN 29...	--	--
JUL 20...	<7	<16
AUG 23...	--	--
SEP 23...	--	--

Remark codes used in this table:

< -- Less than
E -- Estimated value
M -- Presence verified, not
quantified

Value qualifier codes used in this table:

c -- See laboratory comment
d -- Diluted sample: method hi
range exceeded
k -- Counts outside acceptable
range
n -- Below the LRL and above
the LT-MDL

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA

LOCATION.--Lat 32° 18'00", long 93° 49'40", in SW $\frac{1}{4}$ 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 NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Records fair above 50 ft³/s and poor below, except for periods of estimated record, which are poor. Satellite telemetry and rain gage at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Mar 1	1630	3,140	10.92	May 2	0430	*3,520	*11.03

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.08	0.02	9.7	23	26	1,770	18	717	5.1	605	15	7.4
2	0.05	0.01	8.5	17	44	e1,090	6.5	2,420	13	438	5.8	5.5
3	0.03	0.01	11	13	83	350	3.0	370	74	74	4.3	5.4
4	0.01	0.01	14	12	46	167	1.8	77	54	32	2.0	5.8
5	0.01	0.01	14	23	407	1,270	1.1	42	15	18	1.2	6.6
6	0.01	0.01	16	26	741	934	0.83	27	12	10	1.2	8.0
7	0.01	0.01	18	17	130	161	0.87	19	47	6.1	1.5	12
8	0.01	0.00	19	12	61	72	5.1	15	44	3.6	1.0	11
9	0.01	0.00	22	13	43	47	5.6	11	444	2.6	1.1	7.7
10	0.02	0.00	35	14	478	32	1.6	9.0	208	1.7	1.5	6.2
11	0.02	0.00	33	11	760	22	1.0	7.4	38	1.5	1.6	4.8
12	0.03	0.00	27	9.0	1,770	16	27	29	18	1.3	1.8	4.5
13	0.02	0.00	104	8.1	831	11	161	52	9.1	0.99	3.6	4.8
14	0.02	0.00	101	7.5	326	23	75	212	5.2	0.72	5.2	5.0
15	0.02	0.00	34	7.1	734	106	20	90	57	0.55	5.6	5.0
16	0.02	8.4	21	7.0	251	65	6.8	37	776	0.51	5.4	5.0
17	0.01	19	15	55	117	37	1.9	21	395	e0.56	5.7	4.9
18	0.01	138	9.8	138	144	21	0.65	14	68	e5.3	6.3	4.7
19	0.01	61	8.4	91	85	12	0.36	9.0	29	e2.3	6.6	4.8
20	0.01	3.4	7.1	52	64	7.2	0.27	6.2	54	1.3	8.3	5.0
21	0.01	0.40	6.0	21	47	84	0.31	6.4	31	1.1	11	5.1
22	0.01	0.20	6.5	8.1	32	75	0.30	5.2	15	1.5	10	5.1
23	0.00	0.75	7.6	3.7	32	24	0.26	4.8	52	1.5	12	5.2
24	0.00	2.1	9.7	17	76	9.0	0.31	4.2	74	1.5	13	13
25	0.00	5.4	11	735	799	5.0	1.9	3.7	39	1.3	12	167
26	0.00	14	8.8	687	1,240	4.4	64	3.7	99	1.1	9.9	19
27	0.01	190	7.6	95	257	3.4	20	3.6	215	0.91	8.7	0.01
28	0.03	70	7.5	50	91	2.6	2.1	3.8	1,270	0.91	9.2	0.00
29	0.02	25	191	34	68	324	94	3.5	366	1.0	18	0.00
30	0.02	14	148	32	---	275	299	3.3	131	1.2	17	0.01
31	0.02	---	37	36	---	49	---	4.2	---	6.0	10	---
TOTAL	0.53	551.73	968.2	2,274.5	9,783	7,068.6	820.56	4,231.0	4,657.4	1,224.05	215.5	338.52
MEAN	0.02	18.4	31.2	73.4	337	228	27.4	136	155	39.5	6.95	11.3
MAX	0.08	190	191	735	1,770	1,770	299	2,420	1,270	605	18	167
MIN	0.00	0.00	6.0	3.7	26	2.6	0.26	3.3	5.1	0.51	1.0	0.00
AC-FT	1.1	1,090	1,920	4,510	19,400	14,020	1,630	8,390	9,240	2,430	427	671
CFSM	0.00	0.28	0.47	1.11	5.11	3.45	0.41	2.07	2.35	0.60	0.11	0.17
IN.	0.00	0.31	0.55	1.28	5.51	3.98	0.46	2.38	2.63	0.69	0.12	0.19

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

MEAN	24.3	45.9	107	173	196	138	128	105	53.6	15.8	17.7	4.16
MAX	370	437	534	1,014	452	388	603	517	436	196	454	106
(WY)	(1950)	(1941)	(1941)	(1999)	(1990)	(1997)	(1997)	(1953)	(1986)	(1989)	(1955)	(1996)
MIN	0.00	0.00	0.00	3.26	5.73	4.57	5.19	0.52	0.00	0.00	0.00	0.00
(WY)	(1940)	(1940)	(1957)	(1956)	(1943)	(1986)	(1943)	(2003)	(1998)	(1954)	(1943)	(1939)

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	19,139		32,133			
ANNUAL MEAN	52.4		87.8		84.1	
HIGHEST ANNUAL MEAN					168	1941
LOWEST ANNUAL MEAN					3.59	1943
HIGHEST DAILY MEAN	3,860	Feb 22	2,420	May 2	16,600	Jan 29, 1999
LOWEST DAILY MEAN	0.00	Oct 23	a0.00		b0.00	
ANNUAL SEVEN-DAY MINIMUM	0.00	Nov 8	a0.00		b0.00	
MAXIMUM PEAK FLOW			3,520	May 2	27,200	Jan 29, 1999
MAXIMUM PEAK STAGE			11.03	May 2	13.62	Aug 3, 1955
INSTANTANEOUS LOW FLOW			a0.00		b0.00	
INSTANTANEOUS LOW STAGE			*		*	
ANNUAL RUNOFF (AC-FT)	37,960		63,740		60,910	
ANNUAL RUNOFF (CFSM)	0.795		1.33		1.27	
ANNUAL RUNOFF (INCHES)	10.79		18.11		17.31	
10 PERCENT EXCEEDS	61		190		117	
50 PERCENT EXCEEDS	1.5		9.1		5.0	
90 PERCENT EXCEEDS	0.02		0.02		0.00	

a Several days

b At times most years

c Estimated

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.65	3.67	3.26	3.59	3.24	9.76	3.06	7.25	2.00	8.80	2.31	2.95
2	3.65	3.66	3.22	3.43	3.59	---	2.74	10.59	2.25	7.52	2.03	2.91
3	3.64	3.64	3.29	3.34	4.34	7.37	2.56	6.93	3.63	3.64	1.96	2.93
4	3.64	3.62	3.35	3.31	3.67	5.58	2.45	3.71	3.23	2.75	1.77	2.98
5	3.65	3.61	3.37	3.59	7.15	9.37	2.36	2.99	2.32	2.40	1.67	3.04
6	3.66	3.59	3.41	3.65	9.05	9.32	2.31	2.64	2.23	2.19	1.65	3.11
7	3.65	3.58	3.46	3.44	5.02	5.43	2.31	2.43	3.10	2.05	1.71	3.24
8	3.64	3.57	3.49	3.33	3.96	4.16	2.64	2.30	2.94	1.91	1.65	3.24
9	3.66	3.57	3.56	3.33	3.62	3.70	2.69	2.23	8.06	1.83	1.70	3.18
10	3.69	3.56	3.85	3.36	7.74	3.38	2.42	2.16	5.54	1.74	1.80	3.16
11	3.70	3.56	3.81	3.30	9.32	3.15	2.34	2.11	2.90	1.70	1.85	3.13
12	3.70	3.55	3.69	3.24	10.31	3.00	3.20	2.64	2.40	1.68	1.92	3.14
13	3.69	3.54	4.86	3.21	9.11	2.88	5.48	3.21	2.16	1.63	2.10	3.19
14	3.69	3.52	4.90	3.19	7.11	3.15	4.18	5.78	2.00	1.57	2.24	3.22
15	3.68	3.51	3.84	3.18	9.26	4.73	3.11	3.94	2.98	1.52	2.30	3.25
16	3.67	3.88	3.54	3.17	6.37	4.03	2.74	2.88	9.14	1.51	2.32	3.25
17	3.66	4.04	3.37	4.06	4.89	3.49	2.45	2.48	7.18	---	2.37	3.25
18	3.65	5.38	3.26	5.41	5.28	3.12	2.26	2.28	3.52	---	2.43	3.24
19	3.63	4.25	3.22	4.81	4.38	2.91	2.16	2.16	2.69	---	2.48	3.24
20	3.62	2.95	3.18	4.18	4.02	2.77	2.12	2.06	3.25	1.67	2.58	3.25
21	3.60	2.58	3.14	3.54	3.69	4.22	2.14	2.06	2.73	1.65	2.69	3.26
22	3.59	2.48	3.15	3.20	3.38	4.19	2.14	2.01	2.32	1.71	2.71	3.25
23	3.57	2.68	3.19	3.01	3.38	3.18	2.12	1.99	3.13	1.71	2.79	3.26
24	3.55	2.89	3.26	3.29	4.24	2.82	2.14	1.95	3.63	1.70	2.85	3.44
25	3.55	3.10	3.29	8.81	8.19	2.68	2.35	1.92	2.93	1.67	2.85	5.75
26	3.57	3.36	3.23	8.65	9.87	2.65	4.00	1.92	4.06	1.64	2.83	3.42
27	3.60	5.87	3.19	4.53	6.41	2.59	3.10	1.91	5.33	1.61	2.83	2.26
28	3.71	4.44	3.19	3.75	4.48	2.53	2.47	1.93	9.95	1.61	2.87	1.98
29	3.69	3.63	5.78	3.42	4.10	6.74	3.90	1.91	6.87	1.63	3.12	2.05
30	3.68	3.37	5.43	3.37	---	6.42	6.80	1.89	4.57	1.66	3.13	2.28
31	3.67	---	3.90	3.46	---	3.73	---	1.95	---	1.98	3.00	---
MAX	3.71	5.87	5.78	8.81	10.31	---	6.80	10.59	9.95	8.80	3.13	5.75
MIN	3.55	2.48	3.14	3.01	3.24	2.53	2.12	1.89	2.00	---	1.65	1.98

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

REMARKS.--Records fair above 300 ft³/s and poor below, except for periods of estimated record, which are poor. Satellite telemetry at station.

AVERAGE DISCHARGE.--24 years, 1053 ft³/s, 762,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,700 ft³/s, Feb. 2, 1999, gage height, 30.86 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, 9,430 ft³/s, Feb. 15, gage height, 21.62 ft; maximum gage height, 21.92 ft, Feb. 14; minimum discharge not determined, minimum gage height, 4.77 ft., Nov. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	121	80	485	840	2,060	5,010	e1,770	e1,280	e248	5,350	286	146
2	115	70	376	683	1,720	6,980	e1,520	e3,170	e884	6,400	339	124
3	127	81	298	591	1,580	e7,770	e1,190	e4,860	e1,480	6,410	261	123
4	102	64	245	505	1,430	e7,800	e858	e5,610	e1,820	5,470	219	141
5	99	72	227	440	3,980	e7,190	e648	e5,150	e1,610	4,060	217	162
6	128	48	224	636	6,540	e6,720	e456	e3,760	e1,240	2,630	220	133
7	139	43	178	590	6,880	e6,790	e330	e2,430	e1,000	1,590	185	123
8	136	76	179	454	6,220	e6,380	e311	e1,520	e923	1,060	167	113
9	127	71	181	436	4,800	e5,230	e327	e1,140	e997	900	155	110
10	104	70	163	466	5,150	e4,040	e299	e1,030	e1,020	815	188	106
11	98	68	256	380	6,420	e2,950	e284	e847	e1,150	818	178	112
12	104	63	269	318	7,670	e1,980	e302	e1,210	e1,430	760	134	102
13	105	75	288	281	8,480	e1,600	e605	e1,890	e1,480	713	161	116
14	84	85	527	235	9,000	e1,290	e827	e3,200	e1,690	549	194	108
15	82	79	774	252	9,340	e1,420	e834	e3,960	e1,720	381	169	117
16	84	261	678	252	8,770	e1,590	e653	e3,910	e1,770	369	184	148
17	e82	1,300	567	257	7,870	e1,430	e611	e3,070	e1,580	344	125	145
18	e51	4,450	461	357	6,720	e1,200	e450	e2,070	e1,370	431	129	122
19	80	5,470	392	649	5,400	e940	e314	e1,640	e1,230	390	130	95
20	66	4,690	337	804	4,070	e928	e291	e1,170	e2,310	398	138	127
21	68	3,420	279	833	2,880	e904	e207	e937	e3,210	370	193	130
22	81	2,410	251	775	2,150	e1,040	e157	e730	e2,870	371	247	120
23	52	1,710	240	506	3,010	e1,040	e127	e528	e2,860	293	217	104
24	43	1,240	322	561	4,440	e922	e116	e394	e5,580	242	225	143
25	81	1,090	300	2,510	5,380	e710	e151	e271	e7,730	214	192	107
26	70	748	278	4,220	5,890	e634	e634	e215	8,020	326	180	171
27	89	588	274	4,620	6,240	e611	e1,040	e171	7,100	251	171	257
28	79	843	272	4,220	5,950	e468	e931	e132	5,310	263	165	212
29	65	772	404	3,310	4,630	e542	e620	e164	4,440	216	146	191
30	70	549	729	2,680	---	e1,390	e531	e159	4,260	192	171	179
31	71	---	989	2,310	---	e1,790	---	e130	---	167	171	---
TOTAL	2,803	30,586	11,443	35,971	154,670	89,289	17,394	56,748	78,332	42,743	5,857	4,087
MEAN	90.4	1,020	369	1,160	5,333	2,880	580	1,831	2,611	1,379	189	136
MAX	139	5,470	989	4,620	9,340	7,800	1,770	5,610	8,020	6,410	339	257
MIN	43	43	163	235	1,430	468	116	130	248	167	125	95
AC-FT	5,560	60,670	22,700	71,350	306,800	177,100	34,500	112,600	155,400	84,780	11,620	8,110
CAL YR	2003	TOTAL 298,553	MEAN 818	MAX 10600	MIN 43	AC-FT 592200						
WTR YR	2004	TOTAL 529,923	MEAN 1448	MAX 9340	MIN 43	AC-FT 1051000						

e Estimated

RED RIVER BASIN

07351750 BAYOU PIERRE NEAR LAKE END, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.22	5.00	5.67	5.99	9.67	15.23	9.78	10.16	5.85	18.48	5.61	5.10
2	5.24	4.95	5.49	5.94	8.76	18.28	9.00	15.14	7.23	19.57	5.66	5.21
3	5.15	5.03	5.28	5.94	8.18	19.55	7.79	17.67	8.63	19.27	5.39	5.31
4	5.26	5.22	5.29	5.67	7.87	19.36	7.10	18.54	9.47	17.60	5.22	5.17
5	5.25	5.18	5.28	5.56	14.27	18.41	6.63	17.72	9.34	15.18	5.17	5.07
6	5.04	4.86	5.13	5.82	17.51	18.24	6.25	15.59	8.57	12.87	5.14	5.11
7	5.06	4.85	5.31	5.66	17.74	18.30	6.10	13.36	7.87	11.34	5.15	5.14
8	5.04	4.97	5.41	5.58	16.84	17.84	6.06	11.57	8.12	10.62	5.16	4.95
9	5.07	5.10	5.41	5.69	15.03	16.58	5.99	10.38	7.95	10.19	5.17	5.02
10	5.15	5.14	5.33	5.69	16.30	14.86	5.89	9.30	8.44	10.08	5.13	5.34
11	5.17	5.20	5.24	5.44	17.81	13.36	6.04	8.58	9.13	9.21	5.14	5.20
12	5.10	5.21	5.17	5.27	20.00	12.64	5.93	10.32	8.89	8.16	5.51	5.27
13	5.09	5.12	5.30	5.17	21.09	11.90	6.42	12.18	8.82	7.40	5.30	5.17
14	4.96	5.08	5.82	5.35	21.67	11.19	6.77	14.53	9.08	7.04	5.16	5.26
15	5.16	5.14	6.09	5.37	21.50	10.68	6.74	15.84	9.33	7.26	5.42	5.16
16	5.19	5.69	5.75	5.26	20.55	10.26	6.88	15.21	9.60	7.40	5.12	5.04
17	---	7.17	5.69	5.23	19.38	9.58	6.73	13.38	9.79	7.32	5.22	5.02
18	---	13.31	5.58	5.48	17.76	9.03	6.21	11.06	9.82	7.32	5.23	5.12
19	5.01	14.77	5.56	5.80	15.84	8.78	6.05	9.36	9.60	6.75	5.22	5.26
20	5.17	13.62	5.39	6.02	14.08	8.39	5.97	8.07	11.71	6.46	5.45	5.14
21	5.17	11.66	5.34	6.10	12.65	8.02	5.71	7.30	13.73	6.17	5.38	4.99
22	5.06	9.71	5.39	5.90	11.29	7.79	5.58	6.64	13.40	5.72	5.20	5.15
23	4.89	8.21	5.47	5.72	12.33	7.53	5.58	6.41	13.39	5.75	5.30	5.29
24	4.85	7.30	5.46	6.00	14.67	7.15	5.45	6.16	16.85	5.61	5.43	5.10
25	5.05	6.58	5.31	11.40	16.05	6.94	5.69	5.76	19.35	5.57	5.33	5.20
26	5.14	6.17	5.34	13.83	16.82	6.87	6.58	5.61	19.81	5.45	5.32	5.29
27	5.07	5.86	5.51	14.17	17.09	6.50	7.13	5.48	19.00	5.48	5.19	5.28
28	4.98	6.01	5.58	13.57	16.41	6.30	7.04	5.45	17.93	5.67	5.12	5.31
29	4.99	5.87	5.65	12.19	14.72	6.69	7.02	5.72	17.57	5.48	5.19	5.25
30	5.35	5.82	5.89	11.62	---	8.68	7.71	5.59	17.28	5.35	5.04	5.19
31	5.27	---	6.20	10.80	---	9.54	---	5.56	---	5.55	5.06	---
MAX	5.35	14.77	6.20	14.17	21.67	19.55	9.78	18.54	19.81	19.57	5.66	5.34
MIN	---	4.85	5.13	5.17	7.87	6.30	5.45	5.45	5.85	5.35	5.04	4.95

LOCATION.--Lat 30° 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 7	2000	1,580	7.62	Jun 25	1700	1,690	7.68
Feb 14	1900	1,100	7.17	Jul 1	1200	*2,040	*7.96
Mar 3	2300	1,160	7.23				

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	16	39	45	82	643	454	100	214	1,910	49	15
2	7.1	15	36	43	75	863	441	320	487	1,790	45	14
3	7.2	13	33	40	68	1,030	218	405	617	1,870	35	14
4	7.6	13	32	37	63	1,070	100	389	654	1,280	30	15
5	7.9	14	31	39	694	849	68	269	699	819	26	15
6	9.9	14	31	39	1,310	604	52	92	718	440	27	14
7	12	14	31	37	1,380	482	45	41	477	202	23	15
8	13	16	30	42	1,350	436	59	26	181	124	21	15
9	13	16	34	56	923	328	42	21	101	92	19	14
10	14	15	47	52	759	213	33	16	77	154	17	14
11	13	15	45	45	782	158	35	16	71	149	16	13
12	13	15	40	41	979	126	52	114	66	127	19	14
13	13	16	47	40	1,030	105	92	242	53	85	20	15
14	13	15	51	39	1,040	99	115	458	87	59	19	17
15	13	16	48	36	1,070	101	127	534	147	45	17	17
16	13	84	44	34	931	98	77	495	225	37	15	17
17	12	65	38	44	799	92	46	424	168	36	14	17
18	12	530	37	51	708	82	33	205	115	49	13	17
19	12	428	35	50	513	71	25	85	78	51	14	17
20	12	230	33	45	319	62	21	58	85	55	22	17
21	12	120	32	41	219	71	18	56	107	50	24	18
22	11	60	32	38	165	95	16	38	196	35	36	18
23	11	41	45	35	246	139	15	25	375	28	58	19
24	12	46	53	40	380	114	18	19	677	25	46	24
25	13	42	47	238	608	76	41	15	1,360	27	42	24
26	26	38	40	366	855	64	73	13	1,390	109	31	24
27	24	44	37	352	870	57	67	11	1,010	159	24	22
28	20	48	35	290	894	51	55	9.2	862	140	21	21
29	16	54	59	159	743	79	33	9.4	953	69	20	20
30	14	46	62	122	---	172	27	9.0	1,340	44	18	19
31	14	---	51	99	---	369	---	46	---	47	17	---
TOTAL	397.8	2,099	1,255	2,635	19,855	8,799	2,498	4,560.6	13,590	10,107	798	515
MEAN	12.8	70.0	40.5	85.0	685	284	83.3	147	453	326	25.7	17.2
MAX	26	530	62	366	1,380	1,070	454	534	1,390	1,910	58	24
MIN	7.1	13	30	34	63	51	15	9.0	53	25	13	13
AC-FT	789	4,160	2,490	5,230	39,380	17,450	4,950	9,050	26,960	20,050	1,580	1,020
CFSM	0.08	0.45	0.26	0.55	4.45	1.84	0.54	0.96	2.94	2.12	0.17	0.11
IN.	0.10	0.51	0.30	0.64	4.80	2.13	0.60	1.10	3.28	2.44	0.19	0.12

MEAN	42.8	117	219	325	343	313	265	240	115	65.4	30.9	39.5
MAX	310	713	994	1,154	925	1,163	999	1,122	652	1,010	177	280
(WY)	(1946)	(1958)	(2002)	(1999)	(1983)	(2001)	(1991)	(1953)	(1959)	(1989)	(1955)	(1958)
MIN	5.73	11.9	25.0	24.4	24.7	42.4	27.3	14.3	12.0	5.60	4.17	4.45
(WY)	(1968)	(1944)	(1944)	(2000)	(2000)	(1996)	(1978)	(1988)	(1985)	(1966)	(2000)	(1982)

07352000 SALINE BAYOU NEAR LUCKY, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1941 - 2004	
ANNUAL TOTAL	41,360		67,109		176	
ANNUAL MEAN	113		183		371	1975
HIGHEST ANNUAL MEAN					34.7	1963
LOWEST ANNUAL MEAN					11,100	Jan 1, 1945
HIGHEST DAILY MEAN	1,660	Feb 24	1,910	Jul 1	1.4	Sep 6, 2000
LOWEST DAILY MEAN	7.1	Sep 30	d7.1	Oct 1	1.9	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	7.4	Sep 29	8.4	Oct 1	a13,500	Jan 1, 1945
MAXIMUM PEAK FLOW			2,040	Jul 1	12.90	Jan 1, 1945
MAXIMUM PEAK STAGE			7.96	Jul 1	4.4	Sep 10, 1998
INSTANTANEOUS LOW FLOW			6.9	Oct 1	b1.66	Aug 7, 1964
INSTANTANEOUS LOW STAGE			c2.82	Aug 18	127,100	
ANNUAL RUNOFF (AC-FT)	82,040		133,100		1.14	
ANNUAL RUNOFF (CFSM)	0.736		1.19		15.48	
ANNUAL RUNOFF (INCHES)	9.99		16.21		437	
10 PERCENT EXCEEDS	291		661		60	
50 PERCENT EXCEEDS	32		45		11	
90 PERCENT EXCEEDS	13		14			

a From rating curve extended above 6,400 ft³/s, on basis of record from Black Bayou near Castor and Dugdemona River near Jonesboro.

b Also occurred Aug 8, 1964

c Also occurred Aug 19 and Sep 11

d Also occurred Oct 2

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.16	3.59	3.88	3.99	4.58	6.61	6.38	4.93	5.51	7.86	3.83	2.93
2	3.16	3.55	3.80	3.96	4.50	6.90	6.35	6.08	6.37	7.76	3.76	2.89
3	3.17	3.50	3.75	3.89	4.40	7.10	5.70	6.30	6.56	7.82	3.53	2.89
4	3.19	3.50	3.73	3.84	4.31	7.14	5.04	6.26	6.58	7.28	3.40	2.90
5	3.21	3.51	3.71	3.88	6.44	6.90	4.70	5.92	6.60	6.74	3.28	2.90
6	3.33	3.52	3.69	3.87	7.38	6.56	4.48	4.98	6.60	6.04	3.32	2.89
7	3.46	3.54	3.69	3.84	7.44	6.34	4.37	4.32	6.12	5.24	3.21	2.91
8	3.48	3.61	3.69	3.93	7.42	6.24	4.61	3.99	5.10	4.74	3.13	2.90
9	3.48	3.59	3.75	4.21	6.98	5.96	4.33	3.81	4.53	4.45	3.05	2.86
10	3.52	3.57	4.03	4.13	6.78	5.58	4.15	3.66	4.26	4.96	2.98	2.85
11	3.50	3.56	4.00	4.00	6.81	5.31	4.20	3.63	4.18	4.94	2.94	2.84
12	3.48	3.56	3.91	3.93	7.04	5.10	4.51	5.08	4.10	4.78	3.05	2.86
13	3.48	3.59	4.04	3.90	7.10	4.94	5.02	5.85	3.91	4.36	3.09	2.91
14	3.50	3.55	4.11	3.87	7.11	4.88	5.22	6.41	4.38	4.00	3.07	2.98
15	3.49	3.60	4.07	3.82	7.14	4.90	5.31	6.56	4.85	3.75	3.01	3.00
16	3.47	4.65	3.97	3.78	6.99	4.88	4.85	6.50	5.36	3.57	2.93	3.01
17	3.46	4.52	3.86	3.97	6.83	4.83	4.42	6.34	5.06	3.57	2.88	3.01
18	3.44	6.37	3.83	4.12	6.71	4.72	4.14	5.68	4.67	3.83	2.85	3.01
19	3.43	6.20	3.80	4.09	6.38	4.59	3.95	4.94	4.27	3.87	2.88	3.00
20	3.44	5.60	3.74	4.00	5.91	4.47	3.82	4.60	4.36	3.94	3.17	3.01
21	3.43	4.97	3.72	3.93	5.57	4.61	3.72	4.57	4.60	3.85	3.23	3.02
22	3.41	4.26	3.72	3.85	5.31	4.90	3.65	4.25	5.21	3.53	3.55	3.03
23	3.40	3.93	4.00	3.78	5.65	5.27	3.60	3.96	5.86	3.35	3.98	3.06
24	3.42	4.03	4.15	3.90	6.08	5.09	3.72	3.75	6.52	3.27	3.77	3.22
25	3.49	3.94	4.04	5.58	6.54	4.71	4.28	3.60	7.35	3.32	3.68	3.24
26	3.90	3.86	3.89	6.04	6.90	4.56	4.82	3.50	7.40	4.60	3.43	3.23
27	3.83	3.98	3.82	6.01	6.92	4.46	4.73	3.40	6.98	5.00	3.24	3.18
28	3.73	4.07	3.79	5.83	6.95	4.37	4.56	3.32	6.80	4.86	3.14	3.12
29	3.60	4.18	4.24	5.24	6.76	4.76	4.15	3.33	6.91	4.14	3.10	3.10
30	3.52	4.02	4.30	5.00	---	5.44	4.01	3.30	7.36	3.73	3.05	3.08
31	3.53	---	4.12	4.78	---	6.17	---	4.25	---	3.78	2.98	---
MAX	3.90	6.37	4.30	6.04	7.44	7.14	6.38	6.56	7.40	7.86	3.98	3.24
MIN	3.16	3.50	3.69	3.78	4.31	4.37	3.60	3.30	3.91	3.27	2.85	2.84

07352895 BLACK LAKE BAYOU NEAR CLARENCE, LA

LOCATION.--Lat 31° 52'24", long 92° 58'00", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ 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 NGVD of 1929. 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. Satellite telemetry at station.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.96 ft, Feb. 15; minimum gage height, 8.84 ft, Sept. 23, 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.27	8.97	9.46	9.39	10.13	11.06	9.61	9.78	9.39	11.48	9.31	9.14
2	9.25	8.97	9.42	9.38	10.12	11.10	9.60	10.01	9.41	11.48	9.29	9.13
3	9.24	8.96	9.39	9.37	10.08	11.27	9.62	10.04	9.50	11.43	9.27	9.12
4	9.24	8.96	9.39	9.38	10.06	11.43	9.65	10.04	9.49	11.36	9.26	9.11
5	9.24	8.95	9.39	9.39	10.53	11.52	9.69	10.07	9.51	11.25	9.25	9.10
6	9.25	8.96	9.34	9.35	10.88	11.49	9.78	10.07	9.56	11.13	9.25	9.10
7	9.25	8.95	9.31	9.32	11.11	11.40	9.89	10.05	9.61	11.00	9.22	9.10
8	9.23	8.93	9.30	9.34	11.19	11.29	9.97	10.00	9.66	10.85	9.20	9.08
9	9.21	8.93	9.32	9.37	11.18	11.21	9.98	9.94	9.72	10.73	9.19	9.07
10	9.22	8.91	9.38	9.35	11.47	11.08	9.95	9.88	9.77	10.69	9.17	9.06
11	9.20	8.90	9.31	9.34	11.80	10.94	9.94	9.83	9.86	10.52	9.16	9.05
12	9.18	8.92	9.30	9.35	12.26	10.80	9.91	9.98	9.99	10.37	9.15	9.03
13	9.17	8.92	9.36	9.35	12.61	10.66	9.86	10.02	10.04	10.22	9.11	9.02
14	9.16	8.89	9.35	9.35	12.84	10.53	9.79	10.13	10.15	10.08	9.09	9.00
15	9.12	8.89	9.31	9.34	12.94	10.42	9.74	10.25	10.38	9.95	9.07	8.99
16	9.10	9.01	9.37	9.33	12.84	10.33	9.71	10.35	10.61	9.83	9.06	8.99
17	9.10	9.08	9.34	9.35	12.65	10.21	9.69	10.40	10.68	9.75	9.04	8.97
18	---	9.42	9.33	9.38	12.38	10.12	9.67	10.41	10.70	9.69	9.02	8.95
19	9.07	9.51	9.33	9.38	12.07	10.04	9.66	10.36	10.66	9.60	9.02	8.92
20	9.05	9.58	9.31	9.36	11.80	9.96	9.64	10.28	10.65	9.53	9.06	8.90
21	9.05	9.68	9.29	9.36	11.53	9.93	9.65	10.18	10.61	9.47	9.08	8.88
22	9.04	9.77	9.29	9.35	11.28	9.86	9.64	10.09	10.55	9.41	9.11	8.86
23	9.03	9.86	9.34	9.35	11.17	9.80	9.63	9.99	10.53	9.37	9.14	8.88
24	9.01	9.86	9.32	9.36	11.20	9.76	9.60	9.89	10.56	9.33	9.18	8.91
25	9.01	9.77	9.30	9.67	11.36	9.75	9.63	9.79	10.66	9.31	9.19	8.93
26	9.02	9.70	9.30	9.82	11.43	9.74	9.63	9.69	10.82	9.39	9.20	8.91
27	9.00	9.69	9.29	9.85	11.37	9.71	9.60	9.60	10.99	9.35	9.20	8.90
28	8.99	9.62	9.30	9.88	11.25	9.69	9.56	9.53	11.10	9.34	9.20	8.88
29	8.98	9.53	9.41	9.95	11.12	9.71	9.57	9.47	11.12	9.33	9.20	8.87
30	8.96	9.48	9.40	10.12	---	9.69	9.60	9.41	11.18	9.33	9.18	8.85
31	8.97	---	9.40	10.14	---	9.65	---	9.41	---	9.33	9.16	---
MAX	9.27	9.86	9.46	10.14	12.94	11.52	9.98	10.41	11.18	11.48	9.31	9.14
MIN	8.96	8.89	9.29	9.32	10.06	9.65	9.56	9.41	9.39	9.31	9.02	8.85

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 NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

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

AVERAGE DISCHARGE.--9 years (water years 1970-72, 1974-79), 72.6 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, 4.66 ft, Feb. 12; minimum gage height, 2.57 ft, Nov. 15, 16.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.87	2.70	3.27	3.31	3.87	3.63	3.27	3.30	3.24	3.91	3.09	3.03
2	2.85	2.70	3.21	3.27	3.76	3.56	3.24	3.57	3.24	3.84	3.14	3.02
3	2.83	2.69	3.17	3.23	3.60	3.55	3.21	3.66	3.55	3.74	3.13	3.01
4	2.81	2.68	3.15	3.21	3.50	3.56	3.19	3.67	3.56	3.61	3.11	3.00
5	2.80	2.68	3.13	3.20	4.02	3.58	3.17	3.55	3.47	3.51	3.10	3.00
6	2.80	2.68	3.10	3.16	4.44	3.55	3.15	3.42	3.37	3.47	3.09	2.99
7	2.80	2.66	3.08	3.13	4.31	3.51	3.15	3.33	3.29	3.40	3.07	2.98
8	2.79	2.65	3.07	3.14	4.05	3.47	3.15	3.27	3.25	3.34	3.06	2.96
9	2.79	2.64	3.09	3.20	3.81	3.43	3.14	3.23	3.21	3.29	3.04	2.94
10	2.84	2.62	3.13	3.19	3.84	3.37	3.13	3.20	3.18	3.27	3.04	2.93
11	2.84	2.62	3.10	3.18	4.20	3.34	3.19	3.18	3.16	3.24	3.02	2.91
12	2.84	2.62	3.09	3.17	4.61	3.32	3.29	3.58	3.14	3.23	3.01	2.90
13	2.83	2.61	3.15	3.16	4.49	3.30	3.41	3.87	3.12	3.21	2.98	2.88
14	2.83	2.59	3.14	3.15	4.30	3.30	3.44	4.08	3.12	3.19	2.96	2.87
15	2.81	2.57	3.13	3.14	4.17	3.32	3.41	4.12	3.23	3.17	2.94	2.86
16	2.80	2.73	---	3.13	4.01	3.31	3.35	3.94	3.32	3.15	2.92	2.85
17	2.79	2.88	3.11	3.17	3.90	3.29	3.29	3.83	3.42	3.16	2.90	2.83
18	2.78	3.10	3.10	3.27	3.79	3.28	3.24	3.71	3.48	3.20	2.89	2.81
19	2.76	3.24	3.10	3.30	3.67	3.27	3.21	3.58	3.43	3.18	2.88	2.79
20	2.75	3.23	3.08	3.28	3.59	3.26	3.17	3.49	3.37	3.15	2.92	2.77
21	2.74	3.21	3.07	3.26	3.53	3.28	3.15	3.42	3.35	3.13	2.99	2.75
22	2.74	3.18	3.07	3.23	3.47	3.27	3.14	3.36	3.36	3.12	3.04	2.73
23	2.73	3.18	3.12	3.20	3.91	3.24	3.13	3.31	3.37	3.11	3.14	2.74
24	2.72	3.19	3.12	3.19	4.18	3.22	3.13	3.28	3.44	3.09	3.18	2.79
25	2.71	3.14	3.11	3.75	4.29	3.22	3.17	3.26	3.57	3.08	3.16	2.81
26	2.75	3.13	3.10	4.08	4.27	3.22	3.22	3.23	3.60	3.12	3.14	2.80
27	2.74	3.45	3.10	3.90	4.10	3.20	3.22	3.21	3.61	3.10	3.12	2.79
28	2.72	3.56	3.09	3.71	3.93	3.20	3.19	3.20	3.75	3.08	3.10	2.78
29	2.72	3.44	3.30	3.54	3.75	3.32	3.17	3.18	3.86	3.07	3.09	2.76
30	2.70	3.34	3.40	3.79	---	3.39	3.16	3.16	3.82	3.06	3.07	2.75
31	2.70	---	3.36	3.93	---	3.33	---	3.20	---	3.07	3.05	---
MAX	2.87	3.56	3.40	4.08	4.61	3.63	3.44	4.12	3.86	3.91	3.18	3.03
MIN	2.70	2.57	3.07	3.13	3.47	3.20	3.13	3.16	3.12	3.06	2.88	2.73

07355500 RED RIVER AT ALEXANDRIA, LA

LOCATION.--Lat 31° 18'46", long 92° 26'34", in SE $\frac{1}{4}$ 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 TEMPERATURE: October 1952 to September 1963, June 1973 to September 1984.

CHLORIDE: October 1974 to September 1984.

SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 2,020 micromhos Oct. 8, 1956; minimum daily, 133 micromhos June 24, 1953.

WATER TEMPERATURE: Maximum daily, 34.0 oC Aug. 2, 8, 10, 1956; minimum daily, 0.0 oC Dec. 24, 25, 1983.

CHLORIDE: Maximum daily, 420 mg/L Oct. 12, 1978; minimum daily, 8.6 mg/L Apr. 7, 1977.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,495,000 tons Dec. 9, 1973; minimum daily, 1,000 tons Oct. 10-22, 1972, Oct. 1 to Nov. 7, 1978, Sept. 27-30, Oct. 1-4, 1980, Jan. 30-31, Apr. 24-25, Oct. 1-6, 1981.

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

Date	Time	Color, water, ftrd, Pt-Co units (00080)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calcium water, ftrd, mg/L (00915)	Magnes- ium, water, ftrd, mg/L (00925)	Potas- sium, water, ftrd, mg/L (00935)	Sodium, water, ftrd, mg/L (00930)	Alka- linity, wat ftr inc tit field, mg/L as CaCO ₃ (39086)	Chlor- ide, water, ftrd, mg/L (00940)
OCT 30...	1015	20	--	7.9	886	22.2	210	55.4	18.2	4.41	100	127	138
NOV 19...	0940	62d	--	7.3	835	19.1	210	53.8	17.4	4.50	82.2	147	116
DEC 17...	1430	62d	--	7.5	560	12.0	150	39.7	12.5	3.88	58.2	111	75.7
JAN 28...	1545	75d	7.2	7.6	492	10.4	140	36.4	11.7	3.84	53.0	96	64.5
FEB 23...	1100	125d	--	7.3	208	10.9	45	13.0c	3.00c	2.80c	21.9c	39	18.7
MAR 25...	0945	125d	--	7.4	209	19.3	61	17.6	4.24	2.64	16.5	50	17.6
APR 27...	1430	50d	7.7	7.8	458	24.5	120	31.8	8.94	3.12	44.3	88	56.1
MAY 26...	1140	250d	6.8	6.8	222	28.5	62	17.8	4.26	2.66	17.8	47	19.6
JUN 29...	1045	250d	4.8	6.5	218	28.1	56	16.8	3.46	2.75	18.0	44	21.6
JUL 20...	1200	125d	4.4	7.5	260	31.1	70	20.5	4.58	2.82	22.9	52	26.9
AUG 23...	1230	25	6.4	7.2	1,010	30.0	210	54.8	18.7	4.35	107	104	170
SEP 23...	1420	25	5.8	7.8	1,080	26.9	230	58.2	20.0	4.34	118	126	170

07355500 RED RIVER AT ALEXANDRIA, LA—Continued

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

Date	Fluoride, water, fltrd, mg/L (00950)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)	Fecal strep-tococci KF MF, col/ 100 mL (31673)	Total coli-form, M-Endo, immed. col/ 100 mL (31501)
OCT 30...	.2	105	499	535	<10	.66	.09	8.1	4.0	20	11k	12k	23k
NOV 19...	.2	90.8	458	477	24	.71	.13	8.1	--	30	210	490	928k
DEC 17...	.2	64.1	325	329	<10	.86	.10	7.9	--	20	--	120	567
JAN 28...	<.2	56.3	289	303	40	.85	.18	9.7	--	20	370	533	2,200
FEB 23...	<.2	26.2	116	125	<20d	.72	.12	10.5	2.0	30	8k	10k	--
MAR 25...	<.2	19.5	114	130	20d	--	--	--	2.0	30	10k	23k	188
APR 27...	<.2	46.2	247	266	21	.69	.07	9.9	5.0	20	52k	14k	332
MAY 26...	<.2	20.3	114	138	11	.62	.10	10.4	4.0	20	--	--	--
JUN 29...	<.2	19.9	113	132	66d	.85	.16	12.0	4.0	20	--	--	--
JUL 20...	<.2	24.6	137	155	20d	.64	.09	9.7	--	30	70k	45k	128
AUG 23...	.2	126	545	587	15	.73	.08	8.4	2.0	20	50k	8k	533
SEP 23...	.2	129	579	606	<10	.67	.17	7.7	3.5	20	48	14k	195

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

[illegible]

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED[illegible]

07355500 RED RIVER AT ALEXANDRIA, LA—Continued

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

Date	PCBs, water, unfltrd ug/L (39516)	Phen- olic com- pounds, water, unfltrd ug/L (32730)	Phorate water unfltrd ug/L (39023)	Silvex, water, unfltrd ug/L (39760)	Toxa- phene, water, unfltrd ug/L (39400)	Tribu- phos, water, unfltrd ug/L (39040)
OCT 30...	--	<16	--	--	--	--
NOV 19...	--	--	--	--	--	--
DEC 17...	<.1	--	<.02	<.02	<1	<.02
JAN 28...	--	<16	--	--	--	--
FEB 23...	<.1	--	<.02	<.02	<1	<.02
MAR 25...	--	--	--	--	--	--
APR 27...	<.1	--	<.02	<.02	<1	<.02
MAY 26...	--	--	--	--	--	--
JUN 29...	--	--	--	--	--	--
JUL 20...	--	<16	--	--	--	--
AUG 23...	<.1	--	<.02	<.02	<1	<.02
SEP 23...	--	--	--	--	--	--

Remark codes used in this table:

< -- Less than

E -- Estimated value

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 33° 01'55", 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 NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder with telemetry for Ouachita River at Sterlington (station 07364535) used as auxiliary gage for this station. Prior to Oct. 1, 1980, water-stage recorder for Ouachita River at Alabama Landing near Haile (station 07364103) was used as auxiliary gage for this station.

REMARKS.--Records poor. Indefinite stage-discharge relationship April 8 to May 31. Discharge computed for stages below bankfull, about 19 ft. Considerable regulation by 5 reservoirs in Arkansas, combined capacity, 3,107,880 acre-ft and a series of navigation locks and dams. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.04 ft, May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 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, 27.01 ft, Mar. 26; minimum daily discharge, 687 ft³/s, Oct. 23; minimum gage height 7.48 ft, Oct. 25.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,130	1,100	1,320	6,650				e8,530			7,760	1,990
2	1,050	1,080	1,360	5,890				e9,380			7,050	2,120
3	1,040	1,040	1,360	7,670							6,270	2,690
4	981	1,100	1,460	7,950							4,530	2,570
5	898	1,040	1,490	6,910							3,240	2,200
6	883	1,060	1,480	3,360							4,630	2,010
7	895	1,050	e1,460	e2,150							5,010	1,420
8	891	1,140	1,490	3,340			e9,450				4,680	1,370
9	891	990	1,550	6,680			e9,040				3,460	1,750
10	834	1,350	1,510	4,780			e8,760				1,670	2,560
11	818	2,030	e1,540	e4,240			e8,640	e13,400			1,310	2,070
12	805	2,050	1,430	4,360			e8,530	e13,100			1,910	1,980
13	809	1,210	1,300	3,190			e9,400				2,530	1,940
14	767	955	1,400	1,780			e10,000				2,130	1,600
15	821	1,050	1,560	4,030							2,280	1,540
16	828	1,120	1,470	5,980							2,260	1,700
17	736	991	e1,500	6,680							1,770	2,050
18	746	1,170	1,410	7,300							1,010	2,120
19	739	1,050	1,400	e6,500			e9,710				1,570	1,980
20	726	2,140	e1,560	e5,080			e9,160				2,590	2,010
21	722	4,170	e1,740	e4,470			e8,000				2,960	1,640
22	691	1,730	1,870	7,860			e6,470				4,990	1,170
23	687	2,310	1,990	8,840			e5,370	e13,800			6,700	1,180
24	708	e4,720	1,780	9,930			e4,840	e12,200			5,010	1,010
25	692	e3,080	e1,820	13,300			e4,910	e10,400			3,460	1,050
26	714	2,530	1,930	15,000			e4,630	e8,610			3,160	1,210
27	840	1,500	1,970				e5,030	e7,170			3,220	1,220
28	916	1,700	2,040				e5,800	e5,250	12,200		4,560	989
29	985	e1,460	2,150				e6,860	e3,280	10,900		4,560	926
30	1,090	e1,420	e1,930				e7,900	e5,950	9,430		4,020	957
31	1,090	---	3,050				---	e11,200		8,350	2,970	---
TOTAL	26,423	49,336	51,320								113,270	51,022
MEAN	852	1,645	1,655								3,654	1,701
MAX	1,130	4,720	3,050								7,760	2,690
MIN	687	955	1,300								1,010	926

e Estimated

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.98	8.26	7.94	11.78	20.08	24.12	22.18	16.69	17.89	22.35	14.26	8.93
2	7.90	8.22	7.97	11.31	19.83	24.27	21.85	17.61	19.66	22.97	13.70	9.04
3	7.89	8.16	7.98	12.42	18.87	24.54	21.56	18.58	20.54	23.57	13.10	9.54
4	7.84	8.26	8.17	12.64	18.15	24.96	21.13	19.53	21.25	24.10	11.86	9.40
5	7.76	8.17	8.22	12.03	19.26	25.41	20.53	20.09	21.81	24.52	10.83	9.14
6	7.76	8.23	8.17	9.69	19.83	25.81	19.88	20.32	22.20	24.84	11.76	8.97
7	7.80	8.18	---	---	20.64	26.14	19.12	20.47	22.44	25.08	12.05	8.42
8	7.82	8.26	8.13	9.49	21.23	26.42	18.56	20.42	22.60	25.27	11.82	8.40
9	7.84	8.03	8.20	11.81	21.60	26.65	17.50	20.15	22.72	25.41	10.88	8.80
10	7.79	8.35	8.22	10.63	21.77	26.80	17.15	19.29	22.82	25.49	9.36	9.48
11	7.79	9.04	---	---	21.90	26.92	16.87	18.65	22.88	25.50	8.97	9.07
12	7.76	9.06	8.08	10.31	22.12	26.99	16.71	18.54	22.88	25.43	9.52	8.97
13	7.76	8.26	7.90	9.51	22.25	27.01	17.53	19.00	22.81	25.29	10.11	8.98
14	7.70	7.95	8.03	8.37	22.40	26.97	18.41	19.83	22.67	25.05	9.75	8.70
15	7.76	8.12	8.20	9.96	22.64	26.86	18.99	20.33	22.49	24.71	9.85	8.63
16	7.76	8.25	8.16	11.37	22.86	26.66	19.35	20.60	22.20	24.30	9.84	8.77
17	7.64	8.01	---	11.79	23.08	26.37	19.46	20.76	21.83	23.96	9.43	9.07
18	7.65	8.29	8.04	12.21	23.31	26.05	19.16	20.79	21.49	23.67	8.67	9.11
19	7.63	8.15	8.00	---	23.51	25.70	18.89	20.67	21.20	23.34	9.13	8.98
20	7.61	8.87	---	---	23.71	25.30	18.50	20.42	20.98	22.98	9.88	9.03
21	7.60	10.23	---	---	23.87	24.99	17.82	19.91	20.73	22.58	10.12	8.70
22	7.56	8.39	8.51	12.47	23.98	24.73	16.83	19.20	20.53	22.12	11.40	8.23
23	7.55	8.75	8.63	13.16	24.07	24.53	15.42	18.55	20.42	21.61	12.45	8.26
24	7.57	---	8.33	13.84	24.09	24.37	14.29	17.85	20.57	21.01	11.34	8.05
25	7.55	---	---	15.90	24.10	24.19	14.33	16.84	20.69	20.27	10.15	8.13
26	7.63	8.95	8.50	16.93	24.12	24.00	13.30	15.71	20.84	19.55	9.89	8.31
27	7.81	8.19	8.50	18.16	24.09	23.78	13.40	14.54	21.09	18.66	9.94	8.33
28	7.94	8.27	8.58	19.32	24.04	23.49	14.23	13.51	21.34	17.68	10.89	8.00
29	8.05	---	8.75	19.48	24.02	23.28	15.04	12.61	21.58	16.73	10.95	7.92
30	8.19	---	---	20.40	---	22.92	16.10	13.09	21.93	15.65	10.53	7.97
31	8.22	---	9.21	20.22	---	22.56	---	15.89	---	14.79	9.73	---
MAX	8.22	10.23	9.21	20.40	24.12	27.01	22.18	20.79	22.88	25.50	14.26	9.54
MIN	7.55	---	---	8.37	18.15	22.56	13.30	12.61	17.89	14.79	8.67	7.92

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA

LOCATION.--Lat 32° 59'25", long 91° 39'20", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 NGVD of 1929 (levels by Corps of Engineers). Water-stage recorder for Bayou Bartholomew northwest of Jones (station 07364203) used as auxiliary gage for this station since Oct. 1, 1959. See WSP 2120 for history of changes prior to Dec. 7, 1966.

REMARKS.--Records fair except for estimated discharge which is poor. Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf river basins by way of interconnecting system of bayous and drainage ditches and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (07368000). Other flow bypasses station and re-enters the basin 5 miles downstream by way of Overflow Creek. Satellite telemetry and raingage at station.

AVERAGE DISCHARGE.--47 years, (water years 1958 to current) 1,290 ft³/s, 972,400 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, 5,080 ft³/s, Mar. 13, gage height, 23.58 ft; maximum gage height, 23.60 ft, Mar 13; minimum discharge, 7.1 ft³/s, Oct. 24, gage height, -0.12 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	46	299	103	783	4,190	2,900	998	918	1,720	1,800	126
2	46	39	317	133	778	4,240	2,720	963	883	2,080	1,630	109
3	38	36	320	163	780	4,280	2,560	917	864	2,490	1,480	98
4	32	31	312	176	784	4,340	2,420	873	884	2,860	1,340	90
5	28	26	298	178	959	4,410	2,280	838	954	3,160	1,210	84
6	26	23	278	168	1,130	4,500	2,140	822	1,050	3,390	1,100	75
7	27	21	258	152	1,230	4,600	2,010	832	1,140	3,560	1,000	68
8	26	19	237	139	1,390	4,700	1,890	847	1,210	3,690	918	62
9	26	17	217	133	1,580	4,800	1,770	857	1,260	3,790	850	58
10	24	15	205	129	1,830	4,910	1,670	855	1,300	3,860	789	55
11	21	14	186	124	2,130	4,980	1,590	838	1,310	3,900	736	52
12	20	13	166	122	2,490	5,020	1,520	847	1,320	3,920	685	49
13	20	12	149	121	2,750	5,050	1,450	893	1,320	3,920	639	45
14	20	12	141	119	2,980	5,050	1,370	910	1,300	3,900	598	42
15	20	15	139	118	3,280	5,050	1,330	931	1,280	3,870	556	40
16	18	21	134	117	3,510	5,040	1,310	961	1,270	3,840	520	38
17	17	24	129	118	3,700	4,990	1,310	1,020	1,250	3,900	472	36
18	16	90	125	118	3,860	4,920	1,320	1,120	1,200	3,910	421	31
19	15	123	118	116	e3,960	4,850	1,320	1,220	1,130	3,820	368	26
20	13	106	108	112	e4,040	4,750	1,310	1,280	1,060	3,720	332	25
21	9.6	86	97	109	4,070	4,650	1,290	1,310	990	3,640	364	23
22	9.1	92	87	110	4,090	4,510	1,260	1,330	931	3,530	354	22
23	8.2	115	81	110	4,100	4,390	1,240	1,340	971	3,400	291	20
24	7.4	134	77	115	e4,080	4,250	1,210	1,330	1,080	3,250	262	21
25	8.5	145	75	306	4,110	4,110	1,190	1,280	1,140	3,070	237	23
26	9.8	145	73	426	4,140	3,960	1,160	1,230	1,130	2,920	212	24
27	9.8	169	69	497	4,120	3,780	1,130	1,170	1,190	2,710	196	25
28	13	184	66	589	4,120	3,610	1,090	1,100	1,260	2,520	184	26
29	22	214	81	676	4,140	3,460	1,050	1,030	1,360	2,330	173	28
30	37	261	93	740	---	3,280	1,030	948	1,500	2,150	160	27
31	47	---	95	776	---	3,090	---	943	---	1,970	145	---
TOTAL	687.4	2,248	5,030	7,113	80,914	137,760	47,840	31,833	34,455	100,790	20,022	1,448
MEAN	22.2	74.9	162	229	2,790	4,444	1,595	1,027	1,148	3,251	646	48.3
MAX	53	261	320	776	4,140	5,050	2,900	1,340	1,500	3,920	1,800	126
MIN	7.4	12	66	103	778	3,090	1,030	822	864	1,720	145	20
AC-FT	1,360	4,460	9,980	14,110	160,500	273,200	94,890	63,140	68,340	199,900	39,710	2,870
CAL YR	2003	TOTAL	416,557.4	MEAN	1141	MAX	5000	MIN	7.4	AC-FT	826200	
WTR YR	2004	TOTAL	470,140.4	MEAN	1285	MAX	5050	MIN	7.4	AC-FT	932500	

e Estimated

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.05	0.88	4.36	1.96	8.74	22.41	18.65	9.75	9.83	14.72	14.32	2.28
2	0.88	0.74	4.53	2.44	8.71	22.53	18.06	9.59	9.79	15.76	13.50	2.01
3	0.70	0.65	4.56	2.86	8.67	22.58	17.47	9.33	9.60	16.97	12.68	1.84
4	0.57	0.54	4.49	3.02	8.71	22.63	16.88	9.05	9.58	18.11	11.91	1.71
5	0.48	0.42	4.35	3.06	10.28	22.72	16.32	8.84	9.83	19.06	11.19	1.61
6	0.43	0.33	4.17	2.92	11.35	22.85	15.74	8.71	10.26	19.76	10.51	1.44
7	0.43	0.28	3.96	2.71	11.84	23.00	15.17	8.73	10.69	20.25	9.88	1.30
8	0.43	0.22	3.74	2.52	12.51	23.16	14.63	8.79	11.03	20.59	9.32	1.20
9	0.42	0.16	3.51	2.43	13.38	23.30	14.07	8.84	11.26	20.81	8.88	1.12
10	0.36	0.12	3.38	2.36	14.46	23.43	13.57	8.83	11.38	20.94	8.49	1.06
11	0.29	0.07	3.16	2.29	15.59	23.53	13.11	8.72	11.42	21.02	8.12	1.01
12	0.27	0.05	2.89	2.25	16.97	23.57	12.71	8.79	11.42	21.04	7.76	0.94
13	0.26	0.04	2.67	2.24	17.87	23.58	12.37	9.33	11.39	21.01	7.40	0.86
14	0.26	0.04	2.56	2.22	18.63	23.53	12.01	9.71	11.31	20.95	7.08	0.80
15	0.26	0.12	2.53	2.20	19.65	23.53	11.76	10.0	11.25	20.87	6.75	0.76
16	0.21	0.28	2.45	2.19	20.40	23.50	11.63	10.21	11.28	20.78	6.44	0.72
17	0.16	0.36	2.37	2.20	20.99	23.43	11.58	10.63	11.25	21.41	6.04	0.67
18	0.14	1.69	2.31	2.20	21.41	23.33	11.56	11.32	11.00	21.78	5.56	0.56
19	0.11	2.28	2.20	2.17	21.74	23.20	11.52	11.80	10.64	21.71	5.05	0.43
20	0.07	2.00	2.05	2.10	21.94	23.03	11.46	12.07	10.31	21.65	4.65	0.41
21	-0.04	1.67	1.87	2.07	22.04	22.85	11.36	12.21	9.91	21.50	4.91	0.36
22	-0.05	1.77	1.69	2.07	22.03	22.61	11.22	12.30	9.54	21.21	5.20	0.32
23	-0.08	2.14	1.58	2.08	22.02	22.34	11.08	12.28	9.86	20.78	4.52	0.29
24	-0.11	2.45	1.50	2.16	21.94	22.06	10.92	12.14	10.94	20.23	4.05	0.30
25	-0.07	2.61	1.47	4.69	21.98	21.76	10.80	11.89	11.55	19.58	3.68	0.37
26	-0.03	2.62	1.43	5.95	22.10	21.44	10.66	11.57	11.71	18.98	3.39	0.39
27	-0.03	2.93	1.36	6.48	22.07	21.07	10.49	11.21	12.26	18.27	3.21	0.41
28	0.07	3.13	1.29	7.18	22.12	20.64	10.28	10.77	12.95	17.52	3.07	0.45
29	0.32	3.48	1.58	7.87	22.24	20.25	10.05	10.28	13.62	16.73	2.93	0.50
30	0.69	3.99	1.80	8.41	---	19.77	9.90	9.75	14.11	15.93	2.77	0.48
31	0.92	---	1.83	8.69	---	19.22	---	9.73	---	15.13	2.57	---
MAX	1.05	3.99	4.56	8.69	22.24	23.58	18.65	12.30	14.11	21.78	14.32	2.28
MIN	-0.11	0.04	1.29	1.96	8.67	19.22	9.90	8.71	9.54	14.72	2.57	0.29

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 NGVD of 1929 (levels by Louisiana Department of Transportation and Development).

REMARKS.--Reservoir is formed by an earthfill dam, containing an uncontrolled concrete drop inlet spillway near the left end of dam. Outflow below spillway elevation is controlled by two 8- by 8-ft sluice gates in upstream face of drop inlet. Invert of sluice gates at -24.75 ft, gage datum, capacity, 100,000 acre-ft to 9.0 ft, gage datum. Dam completed and storage began in 1966. Reservoir is used for flood control and conservation. Satellite telemetry, telephony, and rain gage at station.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.59 ft, Mar. 2; minimum not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.91	8.68	8.90	9.10	9.54	10.36	9.97	9.66	9.75	10.14	9.31	9.16
2	8.88	8.68	8.89	9.11	9.57	10.57	9.91	9.75	10.0	10.12	9.30	9.14
3	8.86	8.68	8.89	9.12	9.55	10.53	9.86	9.73	10.26	10.04	9.29	9.13
4	8.85	8.67	8.90	9.15	9.53	10.42	9.81	9.69	10.23	9.97	9.28	9.12
5	8.85	8.66	8.91	9.19	9.88	10.44	9.76	9.66	10.13	9.89	9.26	9.10
6	8.86	8.66	8.88	9.17	10.05	10.44	9.73	9.63	10.05	9.83	9.23	9.10
7	8.85	8.64	8.87	9.16	10.00	10.35	9.70	9.60	9.98	9.77	9.20	9.05
8	8.85	8.63	8.86	9.17	9.93	10.23	9.69	9.57	9.92	9.72	9.18	8.68
9	8.84	8.61	8.90	9.19	9.88	10.14	9.66	9.54	9.87	9.67	9.17	8.23
10	8.84	8.60	8.97	9.19	9.89	10.03	9.63	9.52	9.82	9.64	9.16	7.81
11	8.84	8.60	8.92	9.19	9.90	9.97	9.63	9.50	9.77	9.61	9.15	7.39
12	8.84	8.60	8.92	9.19	10.11	9.90	9.70	9.59	9.72	9.58	9.15	6.96
13	8.83	8.58	8.98	9.20	10.13	9.85	9.74	9.65	9.70	9.54	9.12	6.53
14	8.84	8.56	9.00	9.21	10.14	9.83	9.71	9.69	9.74	9.52	9.10	6.10
15	8.81	8.55	8.99	9.21	10.24	9.82	9.69	9.68	9.72	9.49	9.07	5.85
16	8.79	8.62	9.03	9.20	10.21	9.81	9.66	9.65	9.68	9.46	9.05	5.63
17	8.78	8.65	9.01	9.25	10.14	9.77	9.64	9.62	9.67	9.44	9.04	5.40
18	---	8.88	9.01	9.28	10.07	9.74	9.61	9.60	9.65	9.46	9.03	5.17
19	8.75	8.89	9.01	9.28	10.00	9.72	9.59	9.58	9.70	9.43	9.03	4.93
20	8.74	8.87	9.00	9.28	9.95	9.70	9.57	9.56	10.13	9.40	9.08	4.68
21	8.74	8.86	8.99	9.28	9.89	9.72	9.55	9.53	10.21	9.38	9.12	4.44
22	8.73	8.86	8.99	9.28	9.84	9.69	9.54	9.51	10.18	9.37	9.15	4.20
23	8.72	8.90	9.04	9.29	9.83	9.67	9.52	9.48	10.17	9.35	9.20	3.98
24	8.71	8.92	9.03	9.37	9.82	9.65	9.52	9.45	10.15	9.34	9.21	3.79
25	8.72	8.89	9.03	9.59	9.97	9.63	9.57	9.43	10.10	9.31	9.21	3.56
26	8.75	8.89	9.03	9.65	10.12	9.63	9.61	9.41	10.03	9.29	9.20	3.33
27	8.73	8.95	9.03	9.62	10.10	9.61	9.60	9.39	10.01	9.26	9.19	3.10
28	8.72	8.94	9.04	9.58	10.04	9.60	9.56	9.39	10.11	9.24	9.20	---
29	8.70	8.91	9.10	9.57	9.99	10.00	9.55	9.39	10.15	9.22	9.21	---
30	8.69	8.90	9.09	9.58	---	10.11	9.58	9.38	10.13	9.23	9.19	---
31	8.69	---	9.10	9.56	---	10.04	---	9.49	---	9.27	9.17	---
MAX	8.91	8.95	9.10	9.65	10.24	10.57	9.97	9.75	10.26	10.14	9.31	9.16
MIN	8.69	8.55	8.86	9.10	9.53	9.60	9.52	9.38	9.65	9.22	9.03	---

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, fair between 100 cfs and 50 cfs, and poor below, except for estimated record, which is poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 15	1600	1,590	7.78	Jun 27	2300	1,860	7.77
Mar 3	1100	*5,700	*10.20	Jul 1	0900	2,360	8.17
Jun 3	1900	1,610	7.58				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.65	3.4	35	52	49	1,330	441	236	726	2,190	108	9.0
2	0.55	3.1	33	46	44	1,990	435	517	665	1,510	98	7.0
3	0.52	3.3	32	42	44	4,970	288	701	1,440	930	44	5.7
4	0.49	4.0	31	40	43	2,930	104	833	1,400	611	27	4.9
5	0.59	3.6	31	43	331	1,720	70	738	996	486	20	4.3
6	0.61	3.2	31	44	671	1,260	58	584	729	347	15	4.1
7	0.53	3.2	31	39	737	1,040	52	289	609	127	11	4.2
8	0.73	3.4	31	37	593	1,100	52	66	433	55	8.2	4.3
9	0.93	3.5	33	37	578	886	57	43	213	42	6.5	3.9
10	1.1	4.0	41	39	537	602	83	37	153	35	5.1	3.5
11	1.5	4.4	47	39	432	370	146	37	160	30	6.0	2.8
12	1.9	5.2	46	37	557	165	254	136	171	26	7.6	2.6
13	2.2	4.3	47	35	772	99	279	345	100	24	11	2.1
14	2.5	3.8	55	34	1,010	95	260	409	55	21	15	1.8
15	2.6	3.9	54	34	1,490	155	247	534	43	18	13	1.5
16	2.4	4.1	50	33	1,290	178	244	1,070	63	16	8.9	1.3
17	2.2	11	46	34	886	186	177	862	97	18	7.7	1.0
18	e1.9	31	42	41	776	201	83	576	88	22	8.3	0.91
19	1.7	61	39	42	727	186	58	279	58	20	9.3	0.77
20	1.6	80	36	41	578	128	48	81	120	18	10	0.56
21	1.7	68	34	39	386	136	44	52	183	17	14	0.47
22	1.7	48	33	37	181	215	41	43	94	15	25	0.37
23	1.6	40	33	34	95	275	38	37	146	14	38	0.30
24	1.5	40	36	38	89	333	36	33	263	12	72	0.34
25	1.5	43	42	156	246	297	42	29	614	12	96	0.33
26	3.7	40	44	242	670	143	61	26	967	43	51	0.39
27	5.4	42	42	252	764	88	84	23	1,470	120	30	0.34
28	4.6	42	39	238	736	75	120	21	1,500	135	29	0.40
29	3.8	39	38	215	798	239	152	27	1,140	80	21	0.58
30	3.3	37	45	114	---	380	112	37	1,390	38	14	0.70
31	3.2	---	54	60	---	417	---	397	---	41	11	---
TOTAL	59.20	682.4	1,231	2,214	16,110	22,189	4,166	9,098	16,086	7,073	840.6	70.46
MEAN	1.91	22.7	39.7	71.4	556	716	139	293	536	228	27.1	2.35
MAX	5.4	80	55	252	1,490	4,970	441	1,070	1,500	2,190	108	9.0
MIN	0.49	3.1	31	33	43	75	36	21	43	12	5.1	0.30
AC-FT	117	1,350	2,440	4,390	31,950	44,010	8,260	18,050	31,910	14,030	1,670	140
CFSM	0.01	0.11	0.19	0.34	2.67	3.44	0.67	1.41	2.58	1.10	0.13	0.01
IN.	0.01	0.12	0.22	0.40	2.88	3.97	0.75	1.63	2.88	1.26	0.15	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2004, BY WATER YEAR (WY)

MEAN	51.8	141	287	341	426	408	394	240	158	72.2	28.8	39.2
MAX	660	977	1,333	1,140	1,256	1,222	2,764	852	1,391	985	202	464
(WY)	(1985)	(1958)	(2002)	(1974)	(1975)	(2001)	(1991)	(1991)	(1974)	(1989)	(1996)	(1974)
MIN	0.14	8.88	20.7	34.4	45.4	48.3	49.8	11.5	3.40	1.19	1.49	0.00
(WY)	(2001)	(1996)	(1957)	(2000)	(2000)	(1966)	(1981)	(1988)	(1966)	(1988)	(1956)	(2000)

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1956 - 2004	
ANNUAL TOTAL	68,078		79,819		214	
ANNUAL MEAN	187		218		502	1958
HIGHEST ANNUAL MEAN					52.3	1967
LOWEST ANNUAL MEAN					20,000	Apr 28, 1958
HIGHEST DAILY MEAN	5,870	Feb 23	4,970	Mar 3	0.00	Aug 18, 1956
LOWEST DAILY MEAN	0.48	Sep 20	0.30	Sep 23	0.00	Sep 21, 1956
ANNUAL SEVEN-DAY MINIMUM	0.56	Oct 1	0.35	Sep 22	24,000	Jun 9, 1974
MAXIMUM PEAK FLOW			5,700	Mar 3	17.54	Jun 9, 1974
MAXIMUM PEAK STAGE			10.20	Mar 3	a0.00	
INSTANTANEOUS LOW FLOW			b0.28	Sep 23		
INSTANTANEOUS LOW STAGE			2.37	Aug 10		
ANNUAL RUNOFF (AC-FT)	135,000		158,300		155,300	
ANNUAL RUNOFF (CFSM)	0.897		1.05		1.03	
ANNUAL RUNOFF (INCHES)	12.18		14.28		14.00	
10 PERCENT EXCEEDS	501		726		548	
50 PERCENT EXCEEDS	39		42		50	
90 PERCENT EXCEEDS	2.4		1.9		4.3	

a Many days several years.

b Also occurred Sep 25.

c Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.94	3.40	3.48	3.87	3.81	7.37	5.92	5.00	6.57	8.03	4.36	2.89
2	2.91	3.38	3.43	3.74	3.71	7.89	5.90	6.12	6.45	7.48	4.27	2.82
3	2.90	3.40	3.40	3.66	3.70	9.82	5.39	6.53	7.42	6.88	3.45	2.78
4	2.88	3.45	3.38	3.61	3.68	8.57	4.33	6.77	7.39	6.34	3.08	2.76
5	2.91	3.42	3.38	3.67	5.66	7.66	3.90	6.60	6.97	6.04	2.90	2.75
6	2.93	3.39	3.36	3.70	6.75	7.26	3.69	6.28	6.58	5.62	2.76	2.77
7	2.90	3.39	3.37	3.59	6.89	7.02	3.59	5.34	6.34	4.47	2.65	2.81
8	2.97	3.41	3.37	3.54	6.59	7.10	3.59	3.82	5.88	3.64	2.54	2.85
9	3.03	3.42	3.41	3.54	6.56	6.83	3.68	3.40	5.08	3.35	2.50	2.84
10	3.07	3.46	3.63	3.57	6.46	6.32	4.08	3.23	4.74	3.18	2.44	2.84
11	3.16	3.48	3.78	3.57	6.19	5.69	4.67	3.23	4.79	3.06	2.50	2.80
12	3.24	3.53	3.76	3.53	6.51	4.80	5.28	4.38	4.86	2.95	2.59	2.80
13	3.29	3.48	3.77	3.49	6.95	4.28	5.38	5.62	4.26	2.87	2.76	2.76
14	3.32	3.44	3.94	3.46	7.26	4.24	5.30	5.83	3.65	2.78	2.92	2.75
15	3.33	3.45	3.91	3.45	7.70	4.75	5.25	6.15	3.40	2.71	2.81	2.72
16	3.31	3.46	3.85	3.43	7.54	4.90	5.24	7.06	3.77	2.62	2.65	2.69
17	3.29	3.62	3.76	3.46	7.12	4.95	4.87	6.79	4.26	2.69	2.59	2.66
18	---	3.95	3.65	3.63	6.96	5.03	4.08	6.26	4.14	2.82	2.62	2.65
19	3.21	4.32	3.57	3.65	6.87	4.94	3.70	5.32	3.70	2.77	2.67	2.64
20	3.19	4.37	3.51	3.63	6.55	4.55	3.49	4.04	4.41	2.70	2.70	2.60
21	3.20	4.16	3.46	3.59	6.03	4.61	3.41	3.59	4.91	2.67	2.87	2.59
22	3.20	3.78	3.42	3.52	5.18	5.10	3.33	3.39	4.23	2.60	3.23	2.58
23	3.19	3.61	3.43	3.46	4.53	5.37	3.25	3.24	4.66	2.53	3.60	2.57
24	3.16	3.61	3.51	3.54	4.45	5.58	3.21	3.13	5.31	2.46	4.25	2.59
25	3.16	3.67	3.66	5.01	5.32	5.45	3.36	3.03	6.31	2.43	4.58	2.59
26	3.41	3.62	3.70	5.51	6.66	4.65	3.76	2.93	6.94	3.33	3.88	2.61
27	3.55	3.65	3.65	5.56	6.82	4.15	4.11	2.84	7.44	4.48	3.45	2.59
28	3.49	3.66	3.57	5.50	6.74	3.98	4.49	2.80	7.47	4.61	3.46	2.61
29	3.44	3.59	3.57	5.38	6.81	5.10	4.73	2.95	7.14	4.01	3.24	2.69
30	3.40	3.52	3.71	4.68	---	5.74	4.38	3.25	7.38	3.26	3.05	2.73
31	3.39	---	3.92	4.03	---	5.85	---	5.57	---	3.32	2.94	---
MAX	3.55	4.37	3.94	5.56	7.70	9.82	5.92	7.06	7.47	8.03	4.58	2.89
MIN	2.88	3.38	3.36	3.43	3.68	3.98	3.21	2.80	3.40	2.43	2.44	2.57

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 NGVD of 1929 (levels by Corps of Engineers).

REMARKS.--Reservoir is formed by an earthfill dam containing a 799-ft uncontrolled concrete spillway at left end. Capacity, 130,000 acre-ft at spillway crest, 39.60 ft, gage datum. There is no dead storage. Outflow below spillway crest controlled by four 5- by 5-ft sluice gates at outlet. Invert elevation of sluice gates at 17.6 ft gage datum. Dam complete and storage began in 1964. Reservoir is used for flood control, conservation, and recreation. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 50.38 ft, April 30, 1991.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1925, 45.71 ft, April 30, 1958, (from Corps of Engineers records).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 42.77 ft, Mar. 5; minimum gage height, 35.29 ft, Sept. 29, 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.74	39.63	---	40.08	40.47	41.37	40.99	40.45	---	---	40.13	39.94
2	39.72	39.63	39.99	40.09	40.43	41.51	41.02	40.59	---	41.76	40.12	39.92
3	39.71	39.63	39.98	40.10	40.36	41.65	40.99	40.69	41.83	41.77	40.10	39.91
4	39.70	39.62	39.98	40.11	---	41.97	40.92	---	41.97	41.74	40.08	39.90
5	39.70	39.62	39.96	40.13	---	42.61	40.84	---	41.95	41.58	40.05	39.89
6	39.70	39.61	39.93	40.11	41.28	42.73	40.76	40.76	41.86	41.37	40.00	39.88
7	39.74	39.59	39.93	40.10	41.43	42.46	40.68	40.74	41.70	41.16	39.97	39.79
8	39.76	39.58	39.92	40.11	41.47	42.13	40.60	40.70	41.50	---	39.94	39.46
9	39.77	39.57	39.95	40.12	41.45	41.85	40.53	40.64	41.29	---	39.93	39.13
10	39.78	39.56	39.97	40.11	41.39	41.66	40.49	40.55	41.11	40.72	39.91	38.84
11	39.78	39.56	39.94	40.10	41.30	41.52	40.45	---	40.96	40.62	39.90	38.60
12	39.77	39.56	39.95	40.09	41.36	41.36	40.49	40.53	40.84	40.53	39.87	38.39
13	39.77	39.54	39.99	40.08	41.36	41.18	40.58	40.70	40.74	40.44	39.85	38.19
14	39.77	39.53	39.99	40.09	41.40	41.03	40.64	40.82	40.68	40.36	39.82	37.99
15	39.74	39.52	40.00	40.07	41.52	40.92	40.67	40.86	40.65	40.29	39.81	37.80
16	39.74	39.56	40.02	40.07	41.58	40.83	40.66	40.87	40.64	40.24	39.79	37.62
17	39.72	39.58	39.99	40.09	41.61	40.75	40.64	40.91	40.61	40.28	39.78	37.41
18	39.71	---	39.99	40.10	41.60	40.69	40.60	40.96	40.55	40.29	39.77	37.15
19	39.70	39.94	39.98	40.10	41.55	40.65	40.56	40.99	---	40.25	39.77	36.87
20	39.70	39.98	39.97	40.09	41.47	40.61	---	40.95	---	40.22	39.88	36.58
21	39.69	40.01	39.97	40.09	41.34	40.60	---	40.86	---	40.18	---	36.28
22	39.68	40.02	39.97	40.08	41.22	---	40.40	40.71	41.24	40.14	---	35.99
23	39.67	40.04	40.00	40.08	41.15	---	40.36	40.58	41.62	40.10	---	35.73
24	39.66	40.03	39.99	---	41.10	40.59	40.32	40.46	41.96	40.08	40.05	35.62
25	39.66	40.01	39.99	---	41.15	40.59	---	40.37	41.96	40.10	40.05	35.52
26	39.67	40.01	39.99	---	41.26	40.58	---	40.30	41.84	40.21	40.05	35.42
27	39.66	40.06	39.99	40.64	41.30	40.55	40.31	40.24	41.85	40.22	40.04	35.34
28	39.65	40.05	---	40.62	41.30	40.51	40.30	40.20	41.85	40.20	40.03	35.31
29	39.65	---	---	40.58	41.28	---	40.31	40.18	41.77	40.18	40.01	35.30
30	39.63	---	40.08	40.56	---	---	40.35	40.16	---	40.16	39.98	35.30
31	39.63	---	40.08	40.52	---	40.90	---	40.36	---	40.15	39.96	---
MAX	39.78	40.06	40.08	---	41.61	42.73	41.02	40.99	41.96	41.77	40.13	39.94
MIN	39.63	39.52	39.92	---	---	---	40.30	40.16	---	40.08	39.77	35.30

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 NGVD of 1929.

REMARKS.--Satellite telemetry at station.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.05 ft, June 3; minimum gage height, 30.51 ft, Sept. 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.67	30.60	30.67	30.94	31.92	33.39	30.89	31.02	32.91	32.22	31.28	30.81
2	30.67	30.60	30.63	30.89	31.70	33.45	30.83	31.26	32.93	34.69	31.24	30.80
3	30.67	30.59	30.64	30.83	31.51	33.37	30.78	30.94	34.92	34.34	31.22	30.78
4	30.68	30.62	30.63	30.80	31.50	33.37	30.74	30.80	34.61	34.07	31.21	30.78
5	30.69	30.65	30.62	30.82	32.89	33.49	30.72	30.75	34.16	33.93	31.18	30.76
6	30.68	30.73	30.63	30.78	32.53	33.75	30.69	30.73	33.86	33.83	31.15	30.76
7	30.82	30.69	30.62	30.72	32.25	34.06	30.67	30.73	33.66	33.73	30.91	30.77
8	30.84	30.62	30.61	30.91	32.18	34.29	30.68	30.73	33.43	33.62	30.78	30.73
9	30.75	30.62	30.70	31.15	32.17	34.40	30.64	30.72	33.19	33.46	30.76	30.70
10	30.67	30.62	30.89	31.00	32.63	34.42	30.62	30.78	32.93	33.27	30.77	30.77
11	30.66	30.62	30.77	30.91	32.59	34.39	30.72	30.77	32.66	33.05	30.77	31.12
12	30.67	30.62	30.72	30.87	32.92	34.33	30.94	31.69	32.20	32.80	30.76	31.20
13	30.66	30.61	30.84	30.95	32.69	34.24	31.25	31.70	31.59	32.51	30.76	31.17
14	30.66	30.61	30.83	30.83	32.95	34.14	31.17	31.58	31.21	32.20	30.75	30.95
15	30.65	30.63	30.76	30.79	33.31	34.01	31.27	31.54	31.08	31.84	30.74	30.72
16	30.64	30.66	30.78	30.74	33.14	33.84	31.25	31.48	31.07	31.20	30.74	30.64
17	30.63	30.68	30.78	30.91	33.07	33.61	30.95	31.74	31.13	32.45	30.75	30.58
18	---	31.52	30.74	31.13	33.02	33.33	30.76	31.72	31.08	33.15	30.72	30.61
19	30.61	31.08	30.71	31.10	32.98	33.01	30.71	31.59	31.02	32.64	30.73	30.61
20	30.58	30.83	30.69	30.99	32.93	32.62	30.68	31.47	31.00	32.16	31.14	30.60
21	30.61	30.71	30.67	30.89	32.85	32.25	30.67	31.35	30.99	31.88	31.06	30.56
22	30.63	30.69	30.67	30.83	32.74	31.86	30.65	31.23	31.03	31.76	31.01	30.67
23	30.62	30.76	30.79	30.79	32.94	31.51	30.64	31.14	31.20	31.63	31.01	30.70
24	30.62	30.95	30.73	31.04	33.26	31.16	30.62	31.07	31.23	31.55	31.09	30.59
25	30.59	30.78	30.68	32.90	33.53	30.95	30.73	31.04	31.24	31.49	30.96	30.54
26	30.64	30.75	30.64	32.34	---	30.77	30.74	30.99	31.23	31.52	30.89	30.55
27	30.64	30.97	30.63	32.19	---	30.64	30.73	30.94	31.31	31.48	30.83	30.54
28	30.66	30.80	30.62	32.18	33.37	30.62	30.69	31.04	31.43	31.46	30.81	30.58
29	30.67	30.72	31.30	32.17	33.25	31.22	30.66	31.23	31.43	31.43	30.82	30.65
30	30.65	30.70	31.23	32.16	---	31.24	30.65	31.16	31.41	31.40	30.82	30.66
31	30.63	---	31.04	32.15	---	31.01	---	32.49	---	31.35	30.79	---
MAX	30.84	31.52	31.30	32.90	---	34.42	31.27	32.49	34.92	34.69	31.28	31.20
MIN	30.58	30.59	30.61	30.72	31.50	30.62	30.62	30.72	30.99	31.20	30.72	30.54

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 3,950 ft³/s only).

GAGE.--Water-stage recorder. Datum of gage is 72.11 ft above NGVD of 1929 (levels by Corps of Engineers). Prior to Dec. 31, 1957, nonrecording gage, Dec. 31, 1957 to Oct. 1, 1961, water-stage recorder on left bank 300 ft upstream. Prior to Oct. 1, 1978, datum 2.00 ft higher. May 4, 1959 to Dec. 4, 1962, auxiliary nonrecording gage and Dec. 5, 1962 to Apr. 6, 1969, auxiliary water-stage recorder 1.7 mi downstream from base gage at datum 74.35 ft above NGVD of 1929.

REMARKS.--Records fair except for daily discharges below 200 ft³/s and above 3000 ft³/s, which are poor. Lowest recordable stage is approximately 1.5 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). Satellite telemetry at station.

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, 19.56 ft, Feb. 6; minimum gage height not determined.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	323	630	470		223	32			356	6.4
2	0.00	0.00	214	415	417		113	550			339	0.60
3	0.00	0.00	138	282	362		51	1,290	1,210		206	0.02
4	0.00	0.00	96	217	341		19	636	647		46	0.13
5	0.00	0.00	65	260			4.2	264	329	2,110	44	0.22
6	0.00	0.00	41	470		2,080	0.40	55	134	1,050	75	0.01
7	0.00	0.00	23	361		1,440	0.32	2.0	29	561	234	0.00
8	0.00	0.00	19	250		915	0.16	0.03	0.00	825	195	0.00
9	0.00	0.00	17	402		706	162	0.00	0.00	2,330	121	0.00
10	0.00	0.00	498	375		608	128	0.00	0.00	870	94	0.00
11	0.00	0.00	660	283		517	83	0.00	0.00	487	140	0.00
12	0.00	0.00	425	186		448	1,460	384	0.00	344	351	0.00
13	0.00	0.00	472	122		351		2,930	0.00	166	341	0.00
14	0.00	0.00	1,090	76		265			0.00	26	391	0.00
15	0.00	0.00	660	45		220	1,020		0.00	0.06	392	0.00
16	0.00	0.00	427	28		202	451		0.00	0.00	274	0.00
17	0.00	0.00	293	63		200	249	1,950	35	538	111	0.00
18	0.00		200	238		184	177	3,260	8.1	3,350	17	0.00
19	0.00		132	551	1,360	390	105	2,210	9.7	2,020	26	0.00
20	0.00		81	493	1,220	848	34	912	724	881	331	0.00
21	0.00	1,710	55	309	1,000	687	7.9	445	514	415	753	0.00
22	0.00	781	44	184	784	1,220	1.8	228	165	128	774	0.00
23	0.00	484	40	114	1,070	500	0.96	90		9.2	509	0.00
24	0.00	625	65	202	1,620	268	0.08	23		0.02	312	0.00
25	0.00	995	194			171	0.00	0.05		6.2	219	0.00
26	0.00	691	144			126	0.21	0.00	2,170	512	178	0.00
27	83	1,320	84			93	0.00	0.00		819	119	0.00
28	144	1,920	60			70	0.00	0.00		579	78	0.00
29	18	953	853	1,220	1,170	109	0.00	0.00		367	60	0.00
30	0.00	498	2,380	714	---	224	0.08	3.0		280	59	0.00
31	0.00	---	1,190	546	---	404	---	1,490		269	26	---
TOTAL	245.00	---	10,983				---	---	---		7,171	7.38
MEAN	7.90	---	354				---	---	---		231	0.25
MAX	144	---	2,380				---	774	6.4			
MIN	0.00	---	17				---	17	0.00			
CFSM	0.01	---	0.45				---	---			0.29	0.00
IN.	0.01	---	0.52				---	---			0.34	0.00

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.27	3.45	5.19	5.72	5.45	7.19	5.14	4.75	10.80	18.38	5.43	4.67
2	4.21	3.04	5.00	5.35	5.35	12.58	4.94	5.71	9.64	19.22	5.40	4.56
3	4.16	2.63	4.86	5.12	5.26	13.71	4.81	6.83	6.71	18.01	5.16	4.50
4	4.12	2.22	4.78	5.00	5.22	12.11	4.70	5.88	5.90	13.56	4.85	4.51
5	4.07		4.71	5.08	11.61	10.28	4.59	5.26	5.38	7.87	4.84	4.54
6	4.05		4.66	5.45	19.07	7.82	4.51	4.86	5.03	6.51	4.90	4.49
7	4.04		4.59	5.26	18.84	6.97	4.48	4.58	4.72	5.77	5.21	4.45
8	4.03		4.57	5.06	15.13	6.23	4.41	4.43	4.21	6.13	5.14	4.38
9	4.03		4.56	5.33	7.75	5.90	5.02	4.25	4.01	8.15	5.01	4.34
10	3.99		5.48	5.28	8.43	5.75	4.97	4.21	3.58	6.23	4.96	4.28
11	3.96		5.77	5.12	9.79	5.61	4.88	4.17	3.27	5.65	5.04	4.26
12	3.94		5.37	4.95	15.20	5.50	7.00	5.22	3.10	5.41	5.42	4.28
13	3.91		5.45	4.83	15.11	5.34	10.30	8.86	3.06	5.09	5.40	4.27
14	3.91		6.46	4.74	9.69	5.20	8.95	9.40	2.99	4.75	5.49	4.23
15	3.90		5.78	4.67	15.44	5.12	6.42	14.06	3.39	4.45	5.49	4.21
16	3.78		5.37	4.61	17.93	5.10	5.55	10.45	3.95	4.26	5.29	4.21
17	3.71		5.14	4.71	14.58	5.10	5.20	7.67	4.74	5.48	4.98	4.21
18	3.76		4.97	5.04	8.39	5.07	5.08	9.23	4.65	9.34	4.74	4.22
19	3.83	11.73	4.85	5.59	6.85	5.42	4.95	8.00	4.48	7.75	4.77	4.24
20	3.87	10.07	4.75	5.49	6.65	6.18	4.78	6.30	6.02	6.26	5.38	4.25
21	3.90	7.32	4.69	5.17	6.33	5.92	4.65	5.58	5.69	5.52	6.07	4.25
22	3.91	5.97	4.66	4.94	5.99	6.70	4.59	5.20	5.09	5.01	6.10	4.26
23	3.91	5.48	4.65	4.81	6.40	5.62	4.56	4.95	7.90	4.66	5.68	4.28
24	3.91	5.72	4.71	4.97	7.20	5.22	4.48	4.75	11.82	4.46	5.35	4.29
25	3.92	6.32	4.96	13.51	9.38	5.05	4.45	4.49	10.99	4.60	5.19	4.30
26	4.01	5.83	4.87	18.62	16.04	4.97	4.52	4.26	7.94	5.67	5.11	4.32
27	4.50	6.77	4.76	16.61	15.12	4.91	4.47	3.82	11.75	6.17	5.00	4.33
28	4.88	7.62	4.70	10.74	9.11	4.86	4.42	3.67	15.22	5.79	4.92	4.34
29	4.54	6.24	5.98	6.64	6.57	4.93	4.30	4.33	19.00	5.45	4.88	4.35
30	4.17	5.50	8.21	5.87	---	5.14	4.49	4.40	18.88	5.30	4.88	4.34
31	3.82	---	6.59	5.58	---	5.46	---	7.00	---	5.28	4.78	---
MAX	4.88	11.73	8.21	18.62	19.07	13.71	10.30	14.06	19.00	19.22	6.10	4.67
MIN	3.71		4.56	4.61	5.22	4.86	4.30	3.67	2.99	4.26	4.74	4.21

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 NGVD of 1929 (levels by Corps of Engineers). Prior to Nov. 3, 1955, nonrecording gage at sites within 200 ft upstream. Prior to Oct. 1, 1966, at datum 2.20 ft higher. Prior to Oct. 1, 2000, water-stage recorder for Boeuf River southwest of Rayville (station 07368040) used as auxiliary gage for this station. Nov. 20, 1962, to Sept. 30, 1974, at datum 0.60 ft lower. See WSP 2120 for changes prior to Nov. 20, 1962.

REMARKS.--Records fair above 30 ft³/s, and poor below. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from Bayou Bartholomew basin passes this station. Low level dam of steel sheet piles with concrete cap located approximately 7 miles downstream, pool stage 55 ft, since Dec 1991. Satellite telemetry at station.

AVERAGE DISCHARGE.--66 years (water years 1939 to 2004), 169 ft³/s, 207,400 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 discharge, 1,570 ft³/s, July 2, gage height, 15.24 ft; minimum discharge, no flow at times in October and November; minimum gage height, 6.29 ft, June 19.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e21	0.10	111	192	112	356	48	45	610	1,110	74	40
2	e20	0.17	75	140	71	201	48	55	749	1,540	61	37
3	e18	0.30	55	97	52	239	47	59	1,010	1,520	53	36
4	e16	0.42	44	72	43	378	44	65	787	1,370	46	37
5	e14	0.71	37	60	317	437	43	71	491	1,140	45	37
6	e12	0.92	33	53	535	406	41	64	268	791	42	36
7	e90	0.88	31	49	737	306	39	55	161	441	39	33
8	37	0.56	29	60	868	198	37	47	110	212	40	30
9	10	0.47	29	96	873	131	35	41	80	115	42	28
10	3.1	0.21	36	104	797	98	35	37	62	109	43	27
11	1.2	0.14	32	96	630	80	42	89	52	125	41	27
12	0.60	0.09	35	78	632	69	47	111	45	97	41	28
13	0.40	0.03	50	63	678	62	75	116	39	73	43	28
14	0.24	0.00	54	53	782	57	166	329	35	58	45	28
15	0.09	0.00	56	46	833	54	245	584	35	48	45	27
16	0.03	0.01	64	42	805	50	190	661	38	44	44	26
17	0.01	0.02	65	43	842	48	115	674	36	281	42	27
18	0.01	28	53	50	834	47	76	540	32	486	41	30
19	0.01	46	46	54	650	50	56	385	32	586	40	27
20	0.01	164	42	60	376	49	47	278	41	564	59	25
21	0.01	296	36	62	207	51	43	185	65	399	126	24
22	0.00	261	33	60	137	54	39	116	344	226	349	24
23	0.00	170	64	55	230	59	37	78	499	131	352	24
24	0.01	109	69	57	314	64	34	59	507	89	222	24
25	0.01	75	59	319	413	58	35	49	565	67	166	24
26	0.01	69	48	517	479	51	36	43	640	92	113	24
27	0.01	216	40	721	594	46	35	39	603	211	80	23
28	0.02	185	35	816	680	43	34	37	617	262	63	22
29	0.02	190	123	727	593	62	34	44	686	196	52	22
30	0.02	162	175	462	---	61	36	44	813	134	48	22
31	0.08	---	207	221	---	51	---	214	---	97	44	---
TOTAL	243.89	1,976.03	1,866	5,525	15,114	3,916	1,839	5,214	10,052	12,614	2,541	847
MEAN	7.87	65.9	60.2	178	521	126	61.3	168	335	407	82.0	28.2
MAX	90	296	207	816	873	437	245	674	1,010	1,540	352	40
MIN	0.00	0.00	29	42	43	43	34	37	32	44	39	22
AC-FT	484	3,920	3,700	10,960	29,980	7,770	3,650	10,340	19,940	25,020	5,040	1,680

e Estimated

07368000 BOEUF RIVER NEAR GIRARD, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6.43	7.35	8.00	7.36	8.92	6.51	6.47	10.41	13.06	6.80	6.49
2	---	6.44	7.03	7.59	6.99	7.85	6.51	6.59	11.25	15.09	6.67	6.45
3	---	6.46	6.83	7.23	6.80	8.13	6.50	6.62	12.58	15.02	6.58	6.44
4	---	6.47	6.72	7.01	6.71	9.08	6.47	6.69	11.44	14.31	6.51	6.45
5	---	6.49	6.64	6.89	8.78	9.45	6.46	6.75	9.77	13.22	6.49	6.44
6	---	6.50	6.59	6.81	10.13	9.26	6.43	6.68	8.34	11.46	6.47	6.43
7	---	6.49	6.56	6.77	11.22	8.60	6.41	6.58	7.54	9.46	6.44	6.40
8	6.94	6.48	6.54	6.89	11.88	7.83	6.39	6.50	7.12	7.93	6.45	6.37
9	6.64	6.47	6.54	7.22	11.90	7.30	6.37	6.44	6.83	7.16	6.48	6.36
10	6.55	6.45	6.63	7.30	11.50	7.00	6.36	6.39	6.66	7.11	6.48	6.34
11	6.51	6.44	6.58	7.23	10.59	6.84	6.44	6.91	6.55	7.24	6.47	6.34
12	6.48	6.43	6.62	7.06	10.60	6.73	6.50	7.13	6.48	7.00	6.46	6.34
13	6.47	6.41	6.78	6.92	10.86	6.66	6.79	7.15	6.41	6.76	6.48	6.34
14	6.45	6.38	6.83	6.82	11.42	6.61	7.57	8.74	6.37	6.61	6.51	6.34
15	6.43	6.37	6.84	6.74	11.69	6.57	8.18	10.33	6.36	6.51	6.51	6.34
16	6.41	6.40	6.93	6.69	11.54	6.54	7.77	10.76	6.40	6.46	6.51	6.34
17	6.40	6.41	6.94	6.70	11.74	6.52	7.15	10.84	6.38	8.30	6.49	6.35
18	6.39	6.83	6.81	6.78	11.70	6.50	6.80	10.07	6.33	9.75	6.47	6.38
19	6.39	7.00	6.74	6.83	10.70	6.53	6.59	9.12	6.32	10.34	6.46	6.35
20	6.39	7.90	6.69	6.88	9.06	6.52	6.50	8.41	6.44	10.21	6.66	6.32
21	6.39	8.74	6.63	6.91	7.90	6.54	6.45	7.73	6.66	9.21	7.28	6.32
22	6.38	8.49	6.59	6.89	7.34	6.58	6.42	7.17	8.85	8.04	8.92	6.32
23	6.37	7.83	6.92	6.83	8.04	6.63	6.38	6.82	9.83	7.29	8.94	6.31
24	6.39	7.33	6.98	6.85	8.66	6.68	6.36	6.63	9.88	6.92	8.04	6.32
25	6.39	7.04	6.88	8.85	9.29	6.62	6.37	6.53	10.22	6.72	7.62	6.32
26	6.39	6.97	6.76	10.08	9.71	6.54	6.37	6.46	10.64	6.95	7.18	6.32
27	6.40	8.17	6.68	11.21	10.38	6.49	6.36	6.41	10.44	7.93	6.88	6.31
28	6.40	7.95	6.62	11.70	10.87	6.45	6.35	6.39	10.52	8.31	6.72	6.30
29	6.40	7.98	7.43	11.24	10.37	6.65	6.35	6.47	10.90	7.83	6.60	6.30
30	6.41	7.77	7.87	9.76	---	6.65	6.38	6.47	11.58	7.33	6.56	6.30
31	6.43	---	8.12	8.20	---	6.55	---	7.90	---	7.01	6.52	---
MAX	---	8.74	8.12	11.70	11.90	9.45	8.18	10.84	12.58	15.09	8.94	6.49
MIN	6.37	6.37	6.54	6.69	6.71	6.45	6.35	6.39	6.32	6.46	6.44	6.30

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA

LOCATION.--Lat 32° 29'55", long 91° 55'05", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ 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 NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 10, 1944, nonrecording gage, Aug. 10, 1944, to June 5, 1952, water-stage recorder, and June 6 to September 30, 1952, nonrecording gage, all at same site at datum 19.00 ft higher. Water-stage recorder for Bayou Lafourche near Alto (station 07369050) used as auxiliary gage for this station since Oct. 1, 1957.

REMARKS.--Records fair, except for estimated days and discharges below 20 cfs, which are poor. Small diversions above station for irrigation.

Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from the Bayou Bartholomew basin passes this station. Satellite telemetry at station.

AVERAGE DISCHARGE.--66 years, (water years 1939 to current) 2,110 ft/s, 1,373,300 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, 17,300 ft³/s, July 3, gage height, 25.44 ft; minimum daily discharge, e0.59 ft³/s, Nov. 13; minimum gage height not determined.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	139	e5.1	e1,030	1,740	1,180	1,860	e335	122	9,490	14,600	1,050	154
2	106	e3.5	e471	1,080	1,020	5,160	e248	525	12,500	16,800	987	128
3	e62	e3.1	e358	535	913	7,360	e192	1,060	12,400	17,000	874	110
4	e38	e2.3	e358	362	752	7,190	e162	1,640	7,190	15,700	790	98
5	e42	e4.4	e200	358	5,570	6,130	e135	1,050	2,890	11,200	680	107
6	e47	e3.2	138	564	13,200	4,410	e118	540	911	4,510	376	107
7	e52	e1.8	107	641	14,100	2,490	e109	139	636	1,340	395	81
8	43	e1.0	88	610	12,300	1,540	e86	71	579	674	444	65
9	25	e0.82	79	1,020	8,390	1,090	87	50	616	1,990	387	52
10	20	e0.82	169	811	5,990	e932	102	39	565	2,270	319	29
11	17	e0.73	635	527	7,300	e737	180	154	490	765	315	27
12	e14	e0.72	585	373	10,100	e564	496	1,310	421	507	473	30
13	e13	e0.59	426	267	11,700	e552	e4,000	4,920	353	430	546	29
14	e11	1.2	764	197	9,720	e487	4,810	7,430	303	389	501	25
15	11	1.2	954	164	11,300	e466	2,670	10,600	313	371	443	e24
16	10	2.1	608	134	13,000	e439	1,030	9,500	298	471	389	e23
17	e11	3.0	402	140	11,700	e452	511	6,270	371	5,780	328	e25
18	e11	512	274	404	8,270	e464	309	e5,540	380	13,900	246	e27
19	9.7	4,440	187	643	4,030	e437	227	e5,280	364	13,000	190	e25
20	9.6	6,270	142	606	2,250	633	169	3,000	1,170	8,930	258	e23
21	9.1	3,970	109	462	1,760	668	125	1,070	1,830	4,530	885	e23
22	8.4	1,760	128	317	1,390	887	100	705	2,320	2,260	2,050	e22
23	5.7	802	303	228	2,300	1,020	83	570	5,020	1,200	1,600	e20
24	4.6	792	275	215	4,590	e639	78	452	10,400	850	1,230	e19
25	4.5	890	92	6,450	4,780	e449	82	354	14,000	683	935	15
26	4.3	948	100	13,100	e10,200	e384	85	226	10,800	3,560	587	14
27	4.8	e1,840	98	14,100	10,500	e342	82	119	8,100	5,340	389	15
28	4.2	e4,520	85	10,900	8,180	e293	71	119	11,400	3,270	277	13
29	3.8	e4,020	963	5,630	3,870	e346	63	669	13,300	2,130	218	11
30	3.7	e2,330	3,790	2,430	---	e410	72	330	14,100	1,510	191	e10
31	4.0	---	3,130	1,480	---	e389	---	3,950	---	1,220	178	---
TOTAL	748.4	33,129.58	17,048	66,488	200,355	49,220	16,817	67,804	143,510	157,180	18,531	1,352
MEAN	24.1	1,104	550	2,145	6,909	1,588	561	2,187	4,784	5,070	598	45.1
MAX	139	6,270	3,790	14,100	14,100	7,360	4,810	10,600	14,100	17,000	2,050	154
MIN	3.7	0.59	79	134	752	293	63	39	298	371	178	10
AC-FT	1,480	65,710	33,810	131,900	397,400	97,630	33,360	134,500	284,700	311,800	36,760	2,680
CAL YR	2003	TOTAL	517,649.98	MEAN	1418	MAX	18300	MIN	0.59	AC-FT	1027000	
WTR YR	2004	TOTAL	772,182.98	MEAN	2110	MAX	17000	MIN	0.59	AC-FT	1532000	

e Estimated

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.93	---	3.16	7.98	8.43	13.26	3.10	1.09	18.27	23.60	4.84	1.09
2	0.77	---	2.33	5.66	6.98	15.33	2.72	3.11	21.73	25.15	4.39	0.97
3	0.44	---	2.01	3.26	5.87	17.48	2.41	4.52	22.62	25.39	3.95	0.87
4	---	---	1.91	2.18	4.74	17.53	2.13	6.23	20.04	25.08	3.60	0.80
5	---	---	1.34	2.03	12.70	16.53	1.92	4.77	15.20	23.74	3.19	0.85
6	---	---	1.09	2.74	21.64	14.88	1.71	2.97	12.04	20.50	2.11	0.85
7	---	---	0.95	3.01	22.69	12.61	1.55	1.22	10.39	16.94	2.16	0.69
8	0.32	---	0.85	2.94	21.92	11.12	1.29	0.81	8.85	15.00	2.33	0.56
9	0.10	---	0.80	4.42	19.26	10.10	1.07	0.64	7.44	14.80	2.14	0.44
10	0.02	---	1.25	3.96	17.27	9.30	1.09	0.53	6.14	14.50	1.89	0.17
11	-0.03	---	2.95	2.88	18.34	8.47	1.44	1.12	5.02	12.87	1.88	0.14
12	---	---	2.82	2.15	20.42	7.67	2.59	5.00	4.12	11.86	2.43	0.18
13	---	---	2.27	1.69	21.62	7.10	---	11.81	3.40	10.92	2.67	0.17
14	---	-0.56	3.34	1.40	20.73	6.58	12.24	15.89	2.84	9.99	2.52	0.11
15	-0.15	-0.56	4.12	1.25	21.58	6.25	9.47	19.45	2.79	9.06	2.33	---
16	-0.18	-0.48	2.99	1.11	22.45	5.94	5.50	19.47	2.73	8.15	2.15	---
17	-0.16	-0.41	2.19	1.14	21.99	5.96	3.19	17.40	3.48	13.83	1.93	---
18	-0.16	2.13	1.72	2.18	19.82	5.87	2.08	16.78	3.89	22.53	1.60	---
19	-0.19	9.86	1.35	3.15	15.94	5.66	1.63	16.22	3.91	22.35	1.37	---
20	-0.19	13.61	1.15	3.03	13.56	5.82	1.37	13.12	7.24	19.73	1.65	---
21	-0.19	11.01	0.98	2.46	12.40	5.81	1.15	9.69	8.87	15.09	3.67	---
22	-0.22	6.75	1.06	1.88	11.38	6.08	1.01	7.69	9.96	11.62	6.95	---
23	-0.31	3.70	1.83	1.53	12.76	6.46	0.90	6.02	13.96	9.32	6.89	---
24	-0.36	3.36	1.71	1.46	15.91	5.59	0.86	4.51	19.03	7.62	6.57	---
25	-0.36	3.57	0.89	13.05	16.08	4.91	0.89	3.17	22.29	6.09	5.39	-0.09
26	-0.36	3.79	0.94	21.37	20.11	4.37	0.91	1.91	21.02	9.90	3.59	-0.12
27	-0.34	6.02	0.92	22.58	20.90	3.77	0.89	1.11	19.05	13.38	2.35	-0.08
28	-0.37	9.47	0.84	21.13	19.48	3.31	0.82	1.01	21.40	11.01	1.68	-0.13
29	-0.38	8.20	3.62	16.79	15.79	3.56	0.75	3.19	22.47	8.88	1.40	-0.18
30	-0.39	5.21	10.80	12.42	---	3.66	0.82	1.98	22.96	7.13	1.27	---
31	-0.37	---	10.70	10.08	---	3.29	---	9.61	---	5.79	1.22	---
MAX	0.93	13.61	10.80	22.58	22.69	17.53	12.24	19.47	22.96	25.39	6.95	1.09
MIN	---	---	0.80	1.11	4.74	3.29	0.75	0.53	2.73	5.79	1.22	---

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 NGVD of 1929. Prior to July 11, 1944, nonrecording gage at site 1,000 ft upstream at same datum. July 11, 1944 to Sept. 14, 1954, nonrecording gage at same site and datum. Water-stage recorder for Tensas River southeast of Tendal (07369515) used as auxiliary gage for this station since Oct. 1, 1957. See WSP 1711 and 1731 for history of changes prior to Oct. 1, 1957.

REMARKS.--Records fair except for periods of estimated daily discharge, which are poor. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Satellite telemetry at station.

AVERAGE DISCHARGE.--69 years (water years 1936 to current), 355 ft³/s, 256,900 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, 1.1 ft³/s, Sep. 20, 2000, but may have been less during period of indefinite stage-discharge relationship in October 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 15, 1927 (affected by overflow from Mississippi River) reached a stage of 34.02 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,920 ft³/s, July 2, gage height, 21.96 ft; maximum gage height, 22.14 ft, July 3; minimum discharge, 2.3 ft³/s, Oct. 30, gage height, 5.23 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	3.2	e260	544	410	415	40	38	899	1,650	95	41
2	5.8	3.3	e193	415	347	708	35	92	1,320	1,910	86	38
3	5.7	3.4	138	323	296	846	32	89	1,560	1,880	95	31
4	5.5	3.4	96	255	248	662	31	68	1,500	1,820	88	31
5	5.4	3.5	62	204	901	600	33	50	1,300	1,760	76	32
6	8.0	3.9	38	155	1,560	1,380	43	38	1,080	1,680	63	24
7	9.8	4.2	25	107	1,530	1,440	42	32	872	1,570	62	20
8	15	4.3	19	85	1,330	1,210	37	28	706	1,420	56	17
9	26	4.4	16	297	1,090	942	30	26	584	1,250	47	13
10	22	4.4	15	390	1,060	708	25	25	485	1,070	37	9.7
11	17	4.8	13	317	1,170	547	25	35	407	894	31	8.3
12	14	5.5	13	249	1,410	438	31	201	339	739	27	7.9
13	11	6.1	14	193	1,360	355	145	261	281	623	34	6.8
14	e8.0	4.6	16	138	1,210	298	236	498	e228	528	37	6.3
15	e6.2	4.1	22	95	1,290	251	208	1,500	187	447	e30	6.5
16	e5.0	5.9	23	65	1,200	203	169	1,680	149	380	e24	6.7
17	e4.2	6.9	20	57	1,000	158	132	1,660	163	339	e18	5.8
18	e3.6	12	18	170	816	116	97	1,570	184	319	13	5.7
19	e3.4	18	16	256	659	87	63	1,480	161	278	16	5.8
20	e3.2	20	14	216	556	69	41	1,230	153	228	25	6.6
21	3.0	17	11	162	484	61	32	988	134	182	30	6.7
22	2.9	15	11	114	423	54	28	775	152	142	49	6.6
23	2.9	13	30	79	540	48	26	618	415	125	58	6.3
24	2.7	15	62	86	e876	44	21	507	833	101	68	6.2
25	3.2	16	64	744	e905	45	20	427	1,070	80	71	5.9
26	4.2	18	52	1,260	974	43	23	352	1,090	78	60	6.3
27	3.6	146	40	1,180	845	35	25	295	1,050	78	43	5.6
28	3.4	460	31	949	663	32	28	248	1,150	81	31	5.4
29	3.2	454	e478	741	513	32	26	216	1,160	83	61	5.5
30	3.0	e335	e741	585	---	33	27	200	1,320	80	52	5.4
31	3.2	---	700	484	---	38	---	326	---	90	38	---
TOTAL	220.5	1,614.9	3,251	10,915	25,666	11,898	1,751	15,553	20,932	21,905	1,521	383.0
MEAN	7.11	53.8	105	352	885	384	58.4	502	698	707	49.1	12.8
MAX	26	460	741	1,260	1,560	1,440	236	1,680	1,560	1,910	95	41
MIN	2.7	3.2	11	57	248	32	20	25	134	78	13	5.4
AC-FT	437	3,200	6,450	21,650	50,910	23,600	3,470	30,850	41,520	43,450	3,020	760
CAL YR	2003	TOTAL	111,987.1	MEAN	307	MAX	2380	MIN	2.7	AC-FT	222100	
WTR YR	2004	TOTAL	115,610.4	MEAN	316	MAX	1910	MIN	2.7	AC-FT	229300	

e Estimated

07369500 TENSAS RIVER AT TENDAL, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.38	5.28	---	12.99	12.31	13.10	6.05	6.01	14.96	20.45	7.01	6.06
2	5.36	5.28	---	11.74	11.35	14.45	5.96	6.97	17.91	21.91	6.86	6.01
3	5.36	5.29	7.72	10.55	10.45	15.60	5.91	6.91	19.36	22.13	7.01	5.88
4	5.36	5.29	7.03	9.49	9.60	14.76	5.89	6.55	19.52	22.05	6.90	5.89
5	5.36	5.29	6.43	8.67	14.70	14.26	5.92	6.23	18.81	21.83	6.69	5.90
6	5.40	5.31	6.01	7.97	19.22	18.44	6.09	6.02	17.80	21.46	6.45	5.74
7	5.44	5.32	5.77	7.22	19.59	19.11	6.09	5.90	16.73	20.95	6.45	5.67
8	5.55	5.32	5.65	6.85	18.95	18.26	5.99	5.83	15.70	20.26	6.34	5.61
9	5.79	5.33	5.60	9.70	17.93	16.97	5.87	5.79	14.70	19.43	6.16	5.54
10	5.71	5.33	5.57	11.00	17.70	15.66	5.76	5.76	13.66	18.48	6.00	5.48
11	5.60	5.34	5.55	10.40	18.24	14.48	5.77	5.96	12.59	17.46	5.88	5.45
12	5.53	5.36	5.53	9.46	19.34	13.32	5.87	8.58	11.47	16.46	5.80	5.45
13	5.47	5.37	5.56	8.54	19.32	12.14	7.78	9.35	10.38	15.51	5.94	5.42
14	---	5.33	5.61	7.71	18.74	11.04	9.05	11.54	---	14.53	5.97	5.41
15	---	5.32	5.72	7.01	19.04	10.01	8.71	18.48	8.53	13.50	5.84	5.41
16	---	5.37	5.72	6.50	18.71	9.01	8.17	19.81	7.89	12.45	5.72	5.42
17	---	5.39	5.68	6.36	17.80	8.08	7.63	20.06	8.35	11.58	5.62	5.40
18	---	5.50	5.64	8.15	16.78	7.36	7.04	19.86	8.73	10.99	5.54	5.39
19	---	5.63	5.60	9.32	15.80	6.87	6.45	19.41	8.44	10.24	5.59	5.40
20	---	5.65	5.55	8.88	14.86	6.56	6.06	18.48	8.54	9.37	5.76	5.42
21	5.27	5.61	5.50	8.07	13.96	6.42	5.89	17.29	8.85	8.50	5.85	5.42
22	5.27	5.56	5.50	7.34	13.03	6.29	5.83	16.11	9.03	7.78	6.20	5.42
23	5.26	5.52	5.86	6.74	13.49	6.18	5.78	15.04	11.65	7.52	6.38	5.41
24	5.26	5.56	6.44	6.86	---	6.11	5.69	14.00	15.22	7.11	6.55	5.41
25	5.28	5.58	6.47	13.41	---	6.13	5.68	12.98	16.80	6.75	6.60	5.40
26	5.32	5.61	6.26	17.40	16.72	6.11	5.73	11.85	17.16	6.72	6.41	5.41
27	5.30	7.66	6.05	17.43	16.23	5.96	5.77	10.75	17.14	6.72	6.09	5.39
28	5.29	11.40	5.88	16.44	15.25	5.90	5.82	9.73	17.76	6.78	5.88	5.38
29	5.28	11.69	---	15.31	14.18	5.89	5.79	8.96	17.95	6.81	6.41	5.39
30	5.27	---	---	14.26	---	5.91	5.82	8.60	18.75	6.76	6.27	5.38
31	5.28	---	14.01	13.27	---	6.01	---	10.05	---	6.93	6.01	---
MAX	5.79	11.69	14.01	17.43	19.58	19.11	9.05	20.06	19.52	22.13	7.01	6.06
MIN	5.27	5.28	5.50	6.36	9.59	5.89	5.68	5.76	7.89	6.72	5.54	5.38

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 NGVD of 1929 (levels by Corps of Engineers). Prior to Mar. 14, 1949, nonrecording gage; Mar. 14, 1949 to Oct. 1, 1963, water-stage recorder; all gages within 2,000 ft downstream at same datum. Auxiliary water-stage recorder 7.7 mi downstream from base gage at datum 46.05 ft above sea level. Prior to Mar. 9, 1972, auxiliary gages at different sites and datum. See WDR LA-76-1 for history of changes prior to Mar. 9, 1972.

REMARKS.--Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined.

AVERAGE DISCHARGE.--57 years (water years 1935-1992), 975 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, 6,200 ft³/s, gage height, 20.82; maximum gage height, 20.98 ft, July 3; minimum gage height, 6.38 ft, Nov. 6, 7.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.63	6.58	7.41	7.94	7.37	7.97	6.88	7.08	11.12	18.05	6.83	6.86
2	6.61	6.56	7.08	7.42	7.24	7.91	6.89	7.58	13.70	20.48	6.81	6.71
3	6.60	6.56	6.93	7.16	7.12	8.15	6.86	7.62	14.76	20.84	6.82	6.68
4	6.62	6.53	6.83	7.02	7.01	8.07	6.83	7.17	14.08	20.09	6.79	6.72
5	6.63	6.47	6.75	6.97	9.77	8.03	6.79	6.91	11.73	18.87	6.72	6.75
6	6.65	6.40	6.73	6.92	14.04	8.65	6.78	6.77	9.01	17.39	6.72	6.74
7	6.70	6.40	6.72	6.85	14.94	7.96	6.78	6.70	7.55	15.66	6.70	6.75
8	6.69	6.46	6.69	6.95	13.93	7.56	6.80	6.62	7.14	13.73	6.68	6.73
9	6.67	6.48	6.66	8.27	11.71	7.39	6.79	6.55	6.90	12.04	6.70	6.69
10	6.67	6.49	6.68	8.22	10.42	7.25	6.77	6.59	6.71	10.83	6.68	6.66
11	6.66	6.43	6.69	7.61	11.04	7.13	6.82	6.71	6.65	9.34	6.71	6.62
12	6.65	6.43	6.70	7.23	12.50	7.08	7.38	8.33	6.66	8.48	6.90	6.59
13	6.65	6.48	6.78	7.01	13.24	7.03	8.64	9.03	6.65	8.14	7.17	6.57
14	6.65	6.45	6.84	6.90	12.56	7.07	8.73	9.96	6.95	8.02	7.12	6.55
15	6.62	6.49	6.91	6.84	13.41	7.02	8.04	13.10	7.35	8.05	6.90	6.56
16	6.60	6.60	7.04	6.82	13.94	6.96	7.53	14.66	7.29	8.01	6.74	6.59
17	6.62	6.62	6.97	6.85	13.09	6.86	7.22	14.34	7.23	8.14	6.65	6.59
18	6.60	6.77	6.85	7.43	11.46	6.83	7.06	12.78	7.17	8.19	6.59	6.58
19	6.60	7.14	6.77	7.68	9.50	6.81	6.96	10.53	7.08	8.03	6.54	6.57
20	6.60	7.72	6.71	7.31	8.38	6.81	6.87	8.60	7.28	7.87	6.75	6.57
21	6.60	7.97	6.68	7.02	8.06	6.92	6.82	7.80	8.02	7.58	7.32	6.56
22	6.60	7.74	6.68	6.86	7.84	6.96	6.80	7.48	8.25	7.35	7.57	6.55
23	6.57	7.38	6.80	6.78	8.56	6.97	6.76	7.29	8.76	7.53	7.35	6.54
24	6.57	7.20	6.94	6.84	9.93	6.97	6.67	7.14	10.44	7.23	7.12	6.56
25	6.59	7.20	6.88	9.95	9.61	6.96	6.69	7.01	13.35	7.07	7.19	6.57
26	6.62	7.08	6.80	12.69	10.63	6.94	6.78	6.88	14.85	8.38	7.11	6.60
27	6.65	8.30	6.75	12.66	10.32	6.92	6.78	6.88	15.41	7.99	6.89	6.59
28	6.73	8.64	6.73	10.85	9.08	6.91	6.76	6.93	16.67	7.52	6.78	6.57
29	6.75	8.17	8.08	8.61	8.32	6.98	6.78	7.39	16.91	7.24	7.06	6.55
30	6.70	7.83	9.63	7.82	---	7.03	6.88	7.43	17.13	7.04	7.16	6.54
31	6.65	---	8.84	7.54	---	6.96	---	8.74	---	6.92	7.10	---
MAX	6.75	8.64	9.63	12.69	14.94	8.65	8.73	14.66	17.13	20.84	7.57	6.86
MIN	6.57	6.40	6.66	6.78	7.01	6.81	6.67	6.55	6.65	6.92	6.54	6.54

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA

LOCATION.--Lat 32° 12'25", Long 92° 48'05", in SW $\frac{1}{4}$, 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 September 1996, continuous stage and discharge. November 1957 to September 1977 (annual maximum, daily gage heights, and miscellaneous discharge measurements only), October 1996 to present, continuous stage and peak discharge only.

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

GAGE.--Water-stage recorder. Datum of gage is 116.53 ft above NGVD of 1929. Prior to Nov. 29, 1938, nonrecording gage at same site and datum.

REMARKS.--Records good. Water used by paper mill at Hodge is pumped from wells and discharged into stream about 7 mi above station. Most of effluent is discharged continually whenever mill is operating, but some waste water is stored in a reservoir and released whenever river flow is sufficient to materially dilute it.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41,500 ft³/s, Dec. 28, 1982; maximum gage height, 21.20 ft., from flood mark, Dec. 28, 1982; minimum discharge, 0.40 ft³/s, Aug. 31, 1954; minimum gage height, 2.67 ft, Sep. 26, 1955.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,160 ft³/s, gage height, 13.96 ft, Feb. 7; minimum gage height, 3.08 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.66	3.57	6.16	7.16	8.31	11.41	9.85	5.89	8.89	12.48	4.26	3.47
2	3.50	3.55	5.36	6.48	7.81	11.42	10.13	9.04	10.15	12.95	4.63	3.38
3	3.56	3.53	4.94	5.82	7.29	11.70	9.12	10.07	11.43	12.77	5.58	3.33
4	3.57	3.54	4.74	5.43	6.96	12.01	7.93	10.21	12.79	12.76	5.04	3.34
5	3.54	3.53	4.52	5.26	9.75	11.93	7.05	9.78	12.88	12.03	4.51	3.35
6	3.46	3.48	4.38	5.15	12.63	11.52	6.43	8.17	12.44	11.12	4.18	3.36
7	3.42	3.40	4.32	5.05	13.52	11.01	6.06	6.65	11.64	9.80	3.93	3.38
8	3.41	3.35	4.29	5.14	13.54	10.59	5.90	5.73	10.55	8.27	3.74	3.44
9	3.37	3.40	4.27	5.47	12.53	10.14	5.84	5.23	9.07	7.20	3.65	3.49
10	3.32	3.45	4.40	5.89	12.15	9.38	5.76	4.91	7.98	6.59	3.67	3.42
11	3.36	3.47	4.52	6.31	12.40	8.73	5.63	4.68	7.47	6.29	3.75	3.26
12	3.66	3.47	4.84	6.42	12.93	8.25	5.65	5.13	6.85	6.32	3.74	3.14
13	3.68	3.53	5.40	5.97	13.32	7.85	6.67	8.78	6.27	6.01	3.68	3.12
14	3.57	3.61	5.19	5.59	13.12	7.55	8.14	10.24	8.47	5.65	3.55	3.17
15	3.54	3.65	5.02	5.40	13.13	7.34	8.82	10.86	8.77	5.21	3.48	3.22
16	3.60	4.01	5.14	5.31	12.86	7.32	8.35	10.73	8.46	4.85	3.46	3.23
17	3.62	4.29	5.24	5.27	12.60	7.36	7.21	10.27	8.34	4.66	3.39	3.20
18	3.56	4.94	5.06	5.46	12.29	7.24	6.27	8.98	8.29	4.67	3.34	3.19
19	3.51	8.03	4.98	5.77	11.72	6.96	5.73	8.04	7.64	4.54	3.35	3.24
20	3.51	8.64	4.87	6.14	11.04	6.71	5.36	8.05	9.18	4.55	3.37	3.22
21	3.53	8.75	4.63	6.13	10.29	6.63	5.08	7.68	9.38	4.73	3.47	3.17
22	3.48	8.18	4.50	5.83	9.56	6.69	4.89	6.94	9.21	4.52	3.67	3.15
23	3.44	6.43	4.48	5.52	9.61	6.74	4.75	5.98	10.84	4.26	3.93	3.20
24	3.47	5.46	4.53	5.30	11.29	6.62	4.70	5.36	11.74	4.11	4.38	3.45
25	3.64	5.26	4.72	7.55	12.02	6.26	4.71	4.94	11.36	3.98	4.69	3.51
26	3.62	5.17	5.05	10.20	12.68	5.97	5.12	4.64	11.18	4.86	4.43	3.58
27	3.60	5.23	5.08	10.62	12.60	5.83	5.89	4.43	11.74	4.96	4.12	3.62
28	3.61	5.16	4.89	10.60	12.39	5.78	6.30	4.28	11.75	5.09	3.95	3.56
29	3.60	5.67	5.09	10.79	11.93	5.77	5.95	4.16	11.64	5.57	3.82	3.32
30	3.59	6.78	6.35	10.16	---	6.97	5.40	4.09	12.01	4.85	3.70	3.14
31	3.61	---	6.88	9.04	---	9.03	---	6.68	---	4.45	3.58	---
MAX	3.68	8.75	6.88	10.79	13.54	12.01	10.13	10.86	12.88	12.95	5.58	3.62
MIN	3.32	3.35	4.27	5.05	6.96	5.77	4.70	4.09	6.27	3.98	3.34	3.12

07372050 DUGDEMONA RIVER NEAR JOYCE, LA

LOCATION.--Lat 31° 56' 12", Long 92° 36' 12", in NE $\frac{1}{4}$, Sec. 18, T. 11 N., R. 2 W., Winn Parish, Hydrologic Unit 08040303, on right bank on downstream side of bridge on U.S. Highway 84, approximately 1.1 miles east of Winnfield, approximately 4.4 miles downstream from the mouth of Miller Branch.

DRAINAGE AREA.--About 730 mi².

PERIOD OF RECORD.--November 2001 to current year.

GAGE.--Water-stage recorder.

REMARKS.--Records good above 100 ft³/s and fair below. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 28,700 ft³/s, Dec. 16, 2001; maximum gage height, 22.24 ft., Dec. 16, 2001; minimum discharge, 0.66 ft³/s, Sep. 10, 2002; minimum gage height, 4.11 ft, Sep. 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,590 ft³/s, Feb. 12, gage height, 19.29 ft; minimum discharge, 1.9 ft³/s, Sept. 20, gage height, 4.28 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	10	92	227	1,920	4,090	204	319	816	3,720	152	34
2	40	10	95	252	1,780	3,840	247	1,380	1,860	5,080	218	28
3	34	6.9	124	250	1,630	3,810	334	1,720	2,130	4,350	204	23
4	29	5.4	138	243	1,350	3,610	425	1,490	2,450	3,830	151	20
5	26	4.8	121	223	2,070	3,330	516	1,210	2,050	4,080	111	16
6	23	5.0	95	182	3,550	3,090	588	946	1,930	4,060	107	12
7	21	6.0	77	142	3,300	2,920	566	819	2,050	3,630	99	9.2
8	17	8.0	65	120	3,050	2,840	430	776	2,380	3,200	79	7.8
9	16	6.0	56	124	3,280	2,750	285	696	2,680	2,760	60	6.3
10	14	4.8	51	146	4,640	2,540	222	490	2,710	2,270	47	5.8
11	13	4.4	49	153	7,790	2,230	214	254	2,480	1,700	40	6.9
12	12	3.4	50	173	8,460	1,870	271	295	2,080	1,090	34	8.0
13	10	2.3	62	187	7,470	1,510	405	1,110	1,540	566	29	7.8
14	7.8	2.3	86	188	6,400	1,160	530	2,150	1,260	287	27	7.9
15	5.2	2.3	99	186	6,800	838	530	2,810	1,980	206	27	7.6
16	3.5	19	114	171	6,790	616	500	2,620	2,530	172	26	6.1
17	3.1	31	121	158	6,070	486	453	2,360	2,960	160	24	4.5
18	e6.2	156	114	197	5,480	418	442	2,140	3,010	199	21	3.4
19	8.3	333	106	219	4,860	382	436	2,280	2,630	173	18	2.6
20	8.0	187	101	208	4,210	358	377	2,320	2,360	141	17	2.1
21	6.8	197	96	199	3,680	337	277	1,740	1,740	119	17	2.5
22	7.3	256	89	192	3,270	315	204	1,320	1,210	97	16	4.9
23	7.8	297	84	186	3,100	295	161	831	1,110	81	17	6.8
24	6.5	334	81	184	3,310	279	134	478	1,290	75	25	8.9
25	5.4	342	77	684	3,390	273	121	307	1,650	71	31	5.7
26	6.3	310	72	1,350	3,820	268	122	212	1,840	68	38	5.1
27	5.1	232	71	956	3,830	258	123	152	2,120	83	70	9.5
28	4.9	157	75	824	3,990	238	134	114	2,890	129	85	16
29	6.5	113	104	824	4,180	221	166	92	3,050	148	72	16
30	6.9	97	227	1,390	---	213	227	78	2,850	140	56	22
31	8.2	---	214	2,080	---	206	---	110	---	118	43	---
TOTAL	416.8	3,142.6	3,006	12,618	123,470	45,591	9,644	33,619	63,636	42,803	1,961	316.4
MEAN	13.4	105	97.0	407	4,258	1,471	321	1,084	2,121	1,381	63.3	10.5
MAX	48	342	227	2,080	8,460	4,090	588	2,810	3,050	5,080	218	34
MIN	3.1	2.3	49	120	1,350	206	121	78	816	68	16	2.1
CFSM	0.02	0.14	0.13	0.55	5.75	1.99	0.43	1.47	2.87	1.87	0.09	0.01
IN.	0.02	0.16	0.15	0.63	6.21	2.29	0.48	1.69	3.20	2.15	0.10	0.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

MEAN	35.7	538	1,198	914	3,637	1,754	401	915	1,109	753	43.0	29.7
MAX	58.0	971	2,299	1,421	4,258	2,037	481	1,084	2,121	1,381	63.3	48.8
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2004)	(2004)	(2004)	(2003)
MIN	13.4	105	97.0	407	2,994	1,471	321	745	97.2	124	22.7	10.5
(WY)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2004)

e Estimated

07372050 DUGDEMONA RIVER NEAR JOYCE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.05	4.59	5.84	7.92	15.63	17.73	7.08	8.29	12.19	17.49	6.80	4.88
2	4.91	4.59	5.90	8.25	15.39	17.61	7.57	14.33	15.57	18.17	7.63	4.78
3	4.82	4.54	6.38	8.22	15.11	17.59	8.48	15.33	16.00	17.85	7.46	4.70
4	4.76	4.52	6.62	8.14	14.48	17.47	9.35	14.81	16.42	17.60	6.79	4.64
5	4.72	4.50	6.34	7.87	15.68	17.27	10.18	14.02	15.90	17.72	6.23	4.59
6	4.68	4.51	5.89	7.27	17.41	17.07	10.77	13.04	15.71	17.72	6.16	4.54
7	4.65	4.53	5.57	6.67	17.22	16.93	10.59	12.44	15.90	17.48	6.05	4.50
8	4.61	4.56	5.34	6.33	17.01	16.84	9.38	12.22	16.34	17.17	5.72	4.47
9	4.59	4.53	5.18	6.40	17.21	16.75	7.99	11.74	16.68	16.76	5.36	4.44
10	4.59	4.50	5.09	6.74	17.96	16.53	7.30	10.20	16.72	16.20	5.12	4.43
11	4.57	4.49	5.05	6.85	19.07	16.14	7.20	7.98	16.46	15.28	4.97	4.46
12	4.57	4.47	5.06	7.15	19.26	15.60	7.84	8.32	15.93	13.63	4.86	4.48
13	4.55	4.43	5.29	7.36	18.98	14.85	9.15	13.71	14.93	10.83	4.77	4.48
14	4.53	4.43	5.74	7.37	18.65	13.80	10.30	15.97	14.23	8.38	4.74	4.48
15	4.50	4.43	5.96	7.34	18.78	12.42	10.29	16.82	15.76	7.48	4.73	4.47
16	4.46	4.68	6.23	7.12	18.78	10.98	10.03	16.61	16.52	7.07	4.71	4.44
17	4.46	4.81	6.34	6.93	18.54	9.90	9.60	16.31	16.95	6.91	4.68	4.39
18	---	6.75	6.23	7.49	18.33	9.28	9.50	16.03	17.00	7.40	4.63	4.35
19	4.57	9.26	6.08	7.81	18.08	8.94	9.44	16.21	16.63	7.07	4.58	4.32
20	4.56	7.35	6.00	7.65	17.79	8.72	8.90	16.26	16.31	6.66	4.58	4.29
21	4.54	7.50	5.92	7.54	17.51	8.52	7.90	15.36	15.34	6.35	4.57	4.31
22	4.55	8.31	5.78	7.42	17.22	8.30	7.08	14.39	14.10	6.00	4.57	4.40
23	4.56	8.83	5.70	7.34	17.08	8.09	6.54	12.53	13.76	5.74	4.57	4.45
24	4.54	9.30	5.64	7.31	17.26	7.92	6.18	10.16	14.32	5.65	4.71	4.49
25	4.52	9.41	5.56	11.45	17.32	7.86	6.00	8.59	15.20	5.57	4.80	4.43
26	4.53	9.00	5.48	14.49	17.59	7.80	6.02	7.56	15.55	5.52	4.94	4.41
27	4.51	7.98	5.46	13.30	17.60	7.70	6.03	6.81	15.98	5.77	5.55	4.50
28	4.51	6.91	5.53	12.78	17.68	7.48	6.19	6.28	16.88	6.49	5.81	4.59
29	4.54	6.21	6.05	12.78	17.77	7.29	6.61	5.93	17.04	6.75	5.59	4.60
30	4.55	5.94	7.91	14.44	---	7.19	7.35	5.69	16.86	6.64	5.29	4.69
31	4.57	---	7.74	15.87	---	7.11	---	6.12	---	6.33	5.04	---
MAX	5.05	9.41	7.91	15.87	19.26	17.73	10.77	16.82	17.04	18.17	7.63	4.88
MIN	4.46	4.43	5.05	6.33	14.48	7.11	6.00	5.69	12.19	5.52	4.57	4.29

07372200 LITTLE RIVER NEAR ROCHELLE, LA

LOCATION.--Lat 31° 45' 15", long 92° 20' 40", in NW $\frac{1}{4}$ 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 NGVD of 1929. Water-stage recorder for station Little River at Rochelle (station 07372190) used as auxiliary gage for this station since May 9, 1960. Prior to May 9, 1960, auxiliary nonrecording gage 5.1 mi upstream from base gage at same datum. Nonrecording gage read twice daily at auxiliary gage from Jan. 3, 1983 to Sept. 30, 1986.

REMARKS.--Records fair, except for estimated daily discharges which are poor. Natural flow is supplemented by effluent from operation of several oil fields upstream from station.

AVERAGE DISCHARGE.--46 years, (1928-1996, 1998 to current), 2,590 ft³/s, 1,664,000 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, 8.8 ft³/s, Sep. 6-9, 2000, gage height, 4.26 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,400 ft³/s, Feb. 15, gage height, 34.40 ft; minimum discharge, 9.8 ft³/s, Nov. 13, 14, 15, gage height, 4.30 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	127	15	827	1,790	5,780	9,800	412	748	e758	12,100	e375	139
2	118	14	479	1,360	5,490	9,260	388	1,890	1,700	12,800	e318	e122
3	98	13	332	1,040	4,980	8,780	382	2,560	3,290	12,800	319	110
4	79	13	264	801	4,380	8,340	432	2,700	4,460	12,800	347	97
5	65	13	246	666	4,960	7,880	519	2,630	5,120	12,800	339	85
6	55	13	234	589	6,470	7,430	605	2,470	5,690	12,300	297	75
7	48	12	205	536	7,500	6,980	684	2,210	6,170	11,600	e246	67
8	42	12	172	470	8,220	6,440	699	1,850	6,420	10,700	211	60
9	39	11	147	468	8,660	5,780	617	1,570	6,380	9,760	187	55
10	36	11	134	548	8,980	5,090	482	1,410	6,040	8,720	162	51
11	33	11	128	578	9,700	4,420	430	1,280	5,520	7,530	134	47
12	30	11	130	553	11,000	3,860	571	e1,150	4,920	6,240	116	43
13	27	10	141	529	12,500	3,400	958	e2,700	4,190	4,780	107	40
14	26	9.8	209	503	14,100	2,940	1,350	e4,060	3,640	3,400	92	37
15	23	10	269	471	15,300	2,510	1,490	e5,060	4,170	2,150	81	35
16	22	17	296	440	15,100	2,050	1,430	6,140	4,580	1,220	73	34
17	20	31	306	425	14,200	1,560	1,300	e7,170	4,750	988	66	33
18	19	145	302	609	13,100	1,150	1,130	e8,150	4,690	1,300	62	31
19	18	398	286	994	12,400	904	977	9,290	4,430	1,310	60	29
20	17	628	268	1,020	11,600	756	892	10,000	4,940	1,170	60	28
21	16	627	245	877	10,700	672	812	10,100	5,980	924	59	26
22	16	517	224	749	9,840	615	689	9,610	6,470	642	56	24
23	16	533	227	640	9,800	568	541	8,650	6,670	465	58	23
24	16	587	305	566	10,700	528	436	e7,280	6,880	e362	68	23
25	16	613	321	2,020	11,100	502	396	e5,520	7,470	e324	88	22
26	17	626	294	4,330	11,100	479	415	e3,860	7,830	e721	e132	21
27	18	1,180	240	4,970	11,000	464	434	e2,020	8,480	1,280	206	20
28	20	2,290	219	5,180	10,800	447	422	e1,020	9,220	1,170	170	19
29	19	2,240	521	4,940	10,300	472	419	e701	9,670	857	167	19
30	17	1,530	1,880	4,990	---	508	433	e603	10,700	610	174	18
31	16	---	2,160	5,560	---	451	---	e565	---	e473	161	---
TOTAL	1,129	12,140.8	12,011	49,212	289,760	105,036	20,745	124,967	171,228	154,296	4,991	1,433
MEAN	36.4	405	387	1,587	9,992	3,388	692	4,031	5,708	4,977	161	47.8
MAX	127	2,290	2,160	5,560	15,300	9,800	1,490	10,100	10,700	12,800	375	139
MIN	16	9.8	128	425	4,380	447	382	565	758	324	56	18
AC-FT	2,240	24,080	23,820	97,610	574,700	208,300	41,150	247,900	339,600	306,000	9,900	2,840
CAL YR	2003	TOTAL	605,888.8	MEAN	1660	MAX	26700	MIN	9.8	AC-FT	1202000	
WTR YR	2004	TOTAL	946,948.8	MEAN	2587	MAX	15300	MIN	9.8	AC-FT	1878000	

e Estimated

07372200 LITTLE RIVER NEAR ROCHELLE, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.33	4.48	12.16	15.64	26.42	31.18	11.05	12.98	13.72	31.96	9.11	6.51
2	6.22	4.46	10.09	14.06	25.96	30.79	10.94	16.76	15.23	32.47	8.64	6.28
3	5.97	4.43	8.78	12.75	25.18	30.41	10.89	18.78	20.35	32.52	8.37	6.07
4	5.71	4.41	8.01	11.63	24.10	30.07	11.03	19.23	23.49	32.44	8.49	5.90
5	5.49	4.41	7.68	10.83	25.61	29.71	11.37	19.00	24.74	32.42	8.49	5.73
6	5.33	4.40	7.57	10.30	28.11	29.27	11.74	18.51	25.72	32.19	8.22	5.59
7	5.21	4.39	7.34	9.95	29.15	28.80	12.05	17.60	26.51	31.74	7.79	5.47
8	5.11	4.37	7.04	9.56	29.77	28.22	12.17	16.33	26.92	31.21	7.45	5.37
9	5.05	4.36	6.76	9.52	30.11	27.38	11.98	15.25	26.93	30.60	7.20	5.29
10	5.00	4.36	6.61	10.06	30.38	26.20	11.55	14.61	26.48	29.92	6.96	5.21
11	4.92	4.36	6.51	10.31	30.96	24.74	11.55	14.02	25.69	29.07	6.69	5.14
12	4.86	4.36	6.53	10.13	31.90	23.19	12.12	15.65	24.62	27.94	6.45	5.08
13	4.81	4.32	6.67	9.91	32.85	21.66	13.47	---	23.05	26.29	6.21	5.02
14	4.77	4.30	7.26	9.73	33.82	20.16	14.78	---	21.67	23.68	6.02	4.97
15	4.71	4.31	7.90	9.50	34.35	18.89	15.15	25.84	23.20	19.94	5.88	4.93
16	4.67	4.53	8.14	9.27	34.32	17.50	14.99	27.22	24.61	16.68	5.75	4.90
17	4.63	4.89	8.22	9.16	34.00	15.91	14.57	28.20	24.69	15.20	5.65	4.88
18	4.59	6.31	8.20	10.15	33.54	14.52	14.02	29.14	24.58	15.42	5.59	4.84
19	4.57	8.60	8.08	12.38	33.05	13.50	13.51	30.04	23.91	14.98	5.55	4.80
20	4.54	10.11	7.92	12.64	32.51	12.82	13.19	30.53	24.48	14.24	5.56	4.77
21	4.52	10.45	7.74	12.00	31.90	12.36	12.93	30.56	26.35	13.27	5.53	4.73
22	4.51	9.76	7.54	11.31	31.26	12.02	12.58	30.30	27.06	12.10	5.50	4.68
23	4.51	9.68	7.62	10.68	31.21	11.73	12.13	29.70	27.36	11.03	5.51	4.67
24	4.52	10.01	8.49	10.18	31.91	11.49	11.80	28.70	27.73	---	5.63	4.66
25	4.53	10.19	8.77	15.97	32.13	11.35	11.70	27.03	28.59	---	5.88	4.64
26	4.54	10.28	8.46	23.39	32.15	11.24	11.81	23.68	28.95	---	6.47	4.62
27	4.59	12.84	7.91	24.88	32.04	11.14	11.80	18.77	29.42	13.50	7.12	4.59
28	4.64	17.14	7.55	25.02	31.86	11.07	11.68	14.92	29.99	13.21	6.86	4.56
29	4.60	17.02	9.37	24.51	31.57	11.17	11.58	13.02	30.32	12.03	6.73	4.54
30	4.54	14.80	15.77	24.83	---	11.46	11.71	12.12	31.03	10.71	6.80	4.53
31	4.51	---	16.88	26.15	---	11.25	---	12.52	---	9.72	6.72	---
MAX	6.33	17.14	16.88	26.15	34.35	31.18	15.15	30.56	31.03	32.52	9.11	6.51
MIN	4.51	4.30	6.51	9.16	24.10	11.07	10.89	12.12	13.72	9.72	5.50	4.53

07373000 BIG CREEK AT POLLOCK, LA
(Hydrologic benchmark 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.

WATER-DISCHARGE RECORDS

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

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

GAGE.--Water-stage recorder with a concrete control. Datum of gage is 76.69 ft above NGVD of 1929. See WDR-LA-88-1 for history of changes prior to Oct. 1, 1988.

REMARKS--Records good, except for estimated records, which are poor. Satellite telemetry and rain gage at site.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 12	1830	*1,700	*10.39				
						No other peak greater than base discharge.	

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	12	27	37	66	59	33	220	186	701	35	31
2	12	12	25	34	59	97	31	234	65	313	34	30
3	12	12	24	32	52	102	31	68	404	107	32	30
4	13	12	23	31	44	68	29	45	131	84	30	30
5	13	12	22	29	598	67	28	38	95	69	30	30
6	16	12	20	27	416	66	28	34	220	66	37	30
7	25	12	20	25	96	55	28	31	132	66	36	29
8	17	12	21	34	66	48	32	29	76	62	35	29
9	16	12	25	54	56	45	30	28	69	60	33	28
10	21	12	34	42	149	42	30	26	57	58	32	28
11	18	12	26	32	444	41	127	27	51	56	31	28
12	16	12	23	28	523	40	80	908	46	54	31	28
13	15	11	46	27	156	39	89	547	65	52	30	27
14	15	11	43	27	221	45	52	374	108	50	30	27
15	13	11	30	27	240	73	41	403	489	49	30	27
16	13	63	26	26	91	54	36	131	341	47	29	27
17	13	67	23	50	70	46	33	364	295	48	29	26
18	13	300	23	110	63	42	31	385	319	57	29	26
19	13	69	22	56	57	39	28	215	112	48	28	25
20	13	31	21	40	53	38	28	83	336	45	38	25
21	13	24	21	35	48	38	27	63	143	44	46	25
22	12	21	21	32	44	37	27	53	201	43	82	25
23	12	31	78	32	371	35	25	46	189	42	97	25
24	12	58	52	32	533	35	25	41	292	41	90	27
25	e15	31	33	382	415	35	52	38	366	40	47	26
26	e24	26	28	184	249	34	91	36	138	48	39	e27
27	e17	274	27	59	99	34	41	33	215	48	36	e27
28	14	72	25	45	73	33	31	32	253	42	35	e29
29	13	37	169	42	63	38	28	34	106	37	34	e30
30	13	30	98	372	---	45	44	31	129	34	32	e28
31	13	---	46	152	---	36	---	180	---	35	31	---
TOTAL	457	1,311	1,122	2,135	5,415	1,506	1,236	4,777	5,629	2,546	1,208	830
MEAN	14.7	43.7	36.2	68.9	187	48.6	41.2	154	188	82.1	39.0	27.7
MAX	25	300	169	382	598	102	127	908	489	701	97	31
MIN	12	11	20	25	44	33	25	26	46	34	28	25
AC-FT	906	2,600	2,230	4,230	10,740	2,990	2,450	9,480	11,170	5,050	2,400	1,650
CFSM	0.29	0.86	0.71	1.35	3.66	0.95	0.81	3.02	3.68	1.61	0.76	0.54
IN.	0.33	0.96	0.82	1.56	3.95	1.10	0.90	3.48	4.11	1.86	0.88	0.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2004, BY WATER YEAR (WY)

MEAN	33.0	53.5	72.9	94.9	110	99.7	96.8	80.4	43.5	34.2	24.3	28.3
MAX	288	391	470	352	474	313	462	698	284	240	105	161
(WY)	(1985)	(1988)	(1983)	(1990)	(1966)	(1995)	(1991)	(1953)	(1989)	(1969)	(1961)	(1985)
MIN	7.87	12.4	15.7	18.3	16.5	23.5	21.5	15.4	10.1	9.22	6.51	5.82
(WY)	(1964)	(1968)	(1955)	(2000)	(2000)	(1955)	(1956)	(1956)	(1963)	(1956)	(2000)	(1956)

07373000 BIG CREEK AT POLLOCK, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1943 - 2004	
ANNUAL TOTAL	16,568		28,172			
ANNUAL MEAN	45.4		77.0		64.3	
HIGHEST ANNUAL MEAN					139	1983
LOWEST ANNUAL MEAN					22.7	1956
HIGHEST DAILY MEAN	1,540	Feb 22	908	May 12	10,100	May 17, 1953
LOWEST DAILY MEAN	11	Nov 13	b11	Nov 13	3.5	Sep 6, 2000
ANNUAL SEVEN-DAY MINIMUM	12	Nov 9	12	Nov 9	3.9	Sep 1, 2000
MAXIMUM PEAK FLOW			1,700	May 12	23,500	Apr 29, 1953
MAXIMUM PEAK STAGE			10.39	May 12	18.58	Nov 16, 1987
INSTANTANEOUS LOW FLOW			c10	Nov 13	a3.4	Sep 5, 2000
INSTANTANEOUS LOW STAGE			c2.76	Nov 13	1.08	Sep 29, 1956
ANNUAL RUNOFF (AC-FT)	32,860		55,880		46,620	
ANNUAL RUNOFF (CFSM)	0.890		1.51		1.26	
ANNUAL RUNOFF (INCHES)	12.08		20.55		17.14	
10 PERCENT EXCEEDS	74		205		95	
50 PERCENT EXCEEDS	25		36		29	
90 PERCENT EXCEEDS	13		15		13	

a Also occurred Sep. 6 and 7, 2000

b Also occurred Nov. 14 and 15

c Also occurred Nov. 14

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.81	2.82	3.08	3.21	3.45	3.40	3.16	4.41	4.13	7.59	3.18	3.13
2	2.81	2.82	3.05	3.18	3.40	3.61	3.14	4.43	3.44	4.97	3.17	3.12
3	2.81	2.82	3.04	3.15	3.34	3.65	3.13	3.46	5.60	3.68	3.15	3.12
4	2.83	2.81	3.02	3.13	3.28	3.46	3.12	3.29	3.80	3.56	3.13	3.12
5	2.83	2.81	3.01	3.11	6.89	3.46	3.10	3.21	3.61	3.47	3.12	3.12
6	2.90	2.80	2.98	3.08	5.69	3.45	3.09	3.17	4.29	3.45	3.21	3.12
7	3.05	2.81	2.98	3.06	3.62	3.37	3.10	3.13	3.76	3.45	3.20	3.11
8	2.93	2.81	3.00	3.16	3.45	3.31	3.14	3.11	3.45	3.42	3.18	3.11
9	2.90	2.82	3.05	3.36	3.38	3.28	3.12	3.10	3.41	3.41	3.16	3.10
10	2.99	2.81	3.17	3.26	3.88	3.26	3.12	3.08	3.33	3.39	3.14	3.10
11	2.95	2.81	3.07	3.14	5.83	3.24	3.78	3.08	3.27	3.38	3.14	3.10
12	2.90	2.81	3.03	3.10	6.44	3.24	3.54	7.74	3.23	3.36	3.14	3.10
13	2.88	2.79	3.27	3.09	3.92	3.23	3.59	6.40	3.33	3.34	3.13	3.09
14	2.87	2.77	3.26	3.08	4.33	3.27	3.34	5.33	3.63	3.33	3.12	3.08
15	2.84	2.79	3.12	3.08	4.42	3.49	3.24	5.58	6.19	3.32	3.12	3.08
16	2.84	3.31	3.07	3.06	3.60	3.36	3.19	3.79	5.10	3.30	3.12	3.08
17	2.85	3.44	3.03	3.28	3.48	3.29	3.15	5.33	4.76	3.31	3.11	3.07
18	2.84	4.88	3.02	3.69	3.43	3.25	3.14	5.46	5.02	3.38	3.11	3.07
19	2.84	3.44	3.01	3.38	3.38	3.23	3.10	4.30	3.70	3.31	3.10	3.06
20	2.84	3.13	3.00	3.24	3.35	3.22	3.09	3.56	5.15	3.29	3.20	3.06
21	2.83	3.04	2.99	3.18	3.31	3.21	3.08	3.43	3.87	3.28	3.29	3.06
22	2.82	3.00	3.00	3.14	3.28	3.20	3.08	3.35	4.30	3.27	3.47	3.06
23	2.81	3.09	3.49	3.14	5.46	3.18	3.06	3.29	4.11	3.25	3.63	3.06
24	2.81	3.39	3.34	3.15	6.51	3.18	3.05	3.25	4.88	3.25	3.58	3.08
25	---	3.13	3.16	5.51	5.68	3.18	3.33	3.22	5.31	3.24	3.30	3.07
26	---	3.07	3.10	4.14	4.49	3.18	3.59	3.19	3.83	3.31	3.22	---
27	---	4.66	3.08	3.39	3.64	3.17	3.25	3.16	4.31	3.31	3.19	---
28	2.87	3.47	3.06	3.28	3.49	3.16	3.14	3.15	4.52	3.26	3.18	---
29	2.85	3.20	3.97	3.26	3.43	3.22	3.10	3.17	3.67	3.20	3.17	---
30	2.83	3.12	3.62	5.40	---	3.29	3.24	3.14	3.79	3.17	3.15	---
31	2.83	---	3.29	3.92	---	3.19	---	4.09	---	3.19	3.14	---
MAX	---	4.88	3.97	5.51	6.89	3.65	3.78	7.74	6.19	7.59	3.63	3.13
MIN	2.81	2.77	2.98	3.06	3.28	3.16	3.05	3.08	3.23	3.17	3.10	---

07373000 BIG CREEK AT POLLOCK, LA—Continued

WATER-QUALITY DATA

PERIOD OF RECORD.--Water years 1943, 1959, 1965 to 1996, 2001 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1964 to September 1973, October 1974 to September 1976.

EXTREMES FOR PERIOD OF DAILY RECORD.-- WATER TEMPERATURES:Maximum,31°C July 30 to Aug. 1, 1976; minimum, 2.0°C Jan. 15, 1969, Jan. 10, 1976.

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

Date	Time	Gage height, feet (00065)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat fltrd inc tit field, mg/L as CaCO3 (39086)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)
DEC 17...	1630	3.03	6.9	44	9.2	9	1.97	.921	1.53	4.45	12	4.84	<.2
FEB 23...	1245	6.46	6.4	34	12.6	7	1.70c	.577	.98c	3.26c	6	3.47	<.2

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

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Fecal coliform, M-FC col/100 mL (31625)	Fecal streptococci KF MF, col/100 mL (31673)
DEC 17...	19.6	2.3	43	49	.40	<.04	<.06	<.008	<.04	<.04	--	80	67
FEB 23...	11.8c	2.8	28	46	.89	<.04	E.05n	E.006n	<.04	.12	1.0	4,600	707

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

Date	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
DEC 17...	240	39.5
FEB 23...	200	105c

Remark codes used in this table:
 < -- Less than
 E -- Estimated value

Value qualifier codes used in this table:
 c -- See laboratory comment
 n -- Below the LRL and above the LT-MDL

07373278 LAKE ST. JOHN NEAR WATERPROOF, LA

LOCATION.--Lat 31° 42' 01", long 91° 27' 31", in sec. 47, T.8 N., R.10 E., Concordia Parish, Hydrologic Unit 08040306, approximately 7.5 miles northeast of Ferriday on State Highway 568, approximately 200 yards east of intersection with State Highway 569.

DRAINAGE AREA.--14.8 mi².

PERIOD OF RECORD.--January 1967 to September 1986, elevations only. March 2002 to current year, gage heights only.

GAGE.--Water-stage recorder. Datum of gage is undetermined. Prior to September 30, 1986, water-stage recorder at site 0.25 mi. north of present location at NGVD of 1929. Prior to May 19, 1981, water-stage recorder at site 8.5 mi. southwest of Waterproof at NGVD of 1929 and prior to Oct. 1, 1976, at datum of 50.00 ft. higher.

REMARKS.--Lake is formed from an oxbow lake by four control structures; two are on Buckner Bayou. Buckner Bayou floodgate consists of two 4.0 ft. pipes with stoplogs which raise elevation. Adjacent to the floodgate is Buckner Bayou weir, which is 30 ft. in length. Lake St. John Control Structure is on lateral canal 2-A near southern end of Lake St. John on west side of lake. This structure consists of two 8.5 by 3.5 ft. timber gates. Little Tensas Bayou Control Structure is located at northeast end of Lake St. John and consists of a 5.0 ft. pipe with a flap valve. Lake is used for flood control and conservation. Satellite telemetry, telephony, and rain gauge at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 58.17 ft, NGVD of 1929, May 13, 1973; minimum observed, 50.25 ft, NGVD of 1929, Nov. 17, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.78 ft, Feb. 14; minimum gage height, 11.21 ft, Nov. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.75	11.45	12.45	12.64	13.31	13.50	12.80	12.59	---	13.45	12.96	12.95
2	11.75	11.44	12.45	12.64	13.27	13.55	12.78	12.63	13.09	13.53	12.92	12.91
3	11.69	11.44	12.45	12.64	13.24	13.55	12.76	12.61	13.26	13.53	12.89	12.89
4	11.65	11.42	12.45	12.64	13.21	13.52	12.75	12.58	13.30	13.48	12.86	12.90
5	11.64	11.42	12.44	12.67	13.42	13.51	12.73	12.57	13.26	13.44	12.83	12.92
6	11.64	11.41	12.42	12.65	13.60	13.51	12.71	12.56	13.22	13.45	12.79	12.90
7	11.72	11.39	12.41	12.62	13.60	13.47	12.69	12.54	13.17	13.44	12.75	12.87
8	11.75	11.36	12.40	12.65	13.57	13.41	12.69	12.52	13.13	13.39	12.72	12.83
9	11.74	11.34	12.40	12.71	13.52	13.36	12.68	12.51	13.09	13.40	12.70	12.81
10	11.75	11.32	12.42	12.70	13.52	13.29	12.67	12.51	13.04	13.48	12.68	12.78
11	11.73	11.31	12.41	12.69	13.60	13.24	12.71	12.50	13.00	13.43	12.66	12.76
12	11.72	11.30	12.40	12.69	13.74	13.20	12.70	12.59	12.96	13.36	12.65	12.73
13	11.70	11.29	12.44	12.68	13.72	13.16	12.70	12.69	12.92	13.30	12.61	12.71
14	11.69	11.25	12.44	12.68	13.75	13.16	12.67	12.91	12.90	13.23	12.58	12.69
15	11.67	11.23	12.43	12.68	13.77	13.18	12.66	13.19	12.90	13.19	12.55	12.66
16	11.65	11.33	12.43	12.66	13.72	13.15	12.64	13.25	12.89	13.11	12.52	12.63
17	11.65	11.42	12.41	12.80	13.66	13.11	12.63	13.31	12.92	13.08	12.51	12.61
18	11.62	11.54	12.40	13.05	13.60	13.08	12.62	13.37	12.93	13.06	12.49	12.60
19	11.61	11.62	12.39	13.10	13.53	13.05	12.62	13.39	12.91	13.01	12.47	12.57
20	11.61	11.62	12.38	13.09	13.47	13.03	12.60	13.35	12.88	12.97	12.59	12.54
21	11.59	11.60	12.37	13.08	13.43	13.01	12.59	13.29	12.86	12.93	12.86	12.52
22	11.57	11.60	12.36	13.06	13.37	12.97	12.58	13.23	12.93	12.90	12.88	12.49
23	11.55	11.62	12.44	13.04	13.48	12.93	12.57	13.17	13.00	12.87	12.91	12.49
24	11.53	11.72	12.46	13.03	13.56	12.91	12.56	13.12	13.06	12.84	13.01	12.50
25	11.52	11.71	12.46	13.18	13.65	12.89	12.60	13.07	13.19	12.83	13.00	12.49
26	11.54	11.70	12.45	13.25	13.67	12.87	12.61	13.02	13.21	13.11	12.99	12.48
27	11.52	12.16	12.44	13.23	13.63	12.86	12.59	12.97	13.23	13.12	12.97	12.45
28	11.50	12.34	12.44	13.20	13.58	12.84	12.57	12.94	13.28	13.10	12.94	12.42
29	11.48	12.39	12.55	13.17	13.54	12.86	12.55	12.91	13.26	13.06	13.04	12.40
30	11.47	12.43	12.63	13.30	---	12.86	12.55	12.86	13.30	13.02	13.03	12.38
31	11.46	---	12.64	13.33	---	12.84	---	12.95	---	12.99	12.99	---
MAX	11.75	12.43	12.64	13.33	13.77	13.55	12.80	13.39	13.30	13.53	13.04	12.95
MIN	11.46	11.23	12.36	12.62	13.21	12.84	12.55	12.50	12.86	12.83	12.47	12.38

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 TEMPERATURE: August 1954 to September 1972, October 1974 to April 17, 1990.

SULFATE: October 1974 to September 1978.

CHLORIDE: October 1974 to April 17, 1990.

DISSOLVED SOLIDS: October 1978 to April 17, 1990.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 683 micromhos Oct. 16, 1955; minimum daily, 173 micromhos Apr. 15, 1955.

WATER TEMPERATURE: 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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unflab, Hach 2100AN NTU (99872)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfl uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO ₃ (39086)
OCT 27...	1030	214,000	23	7.7	7.4	402	19.8	160	40.6	13.3	3.35	21.4	124
DEC 09...	1030	572,000	130	10.1	7.5	298	9.6	120	32.9	10.1	3.21	12.4	86
JAN 13...	1030	552,000	48	11.3	7.7	367	6.6	150	40.1	12.2	2.85	15.8	--
JAN 29...	1030	640,000	28	11.6	7.8	328	5.7	140	37.3	10.8	3.03	14.0	97
FEB 17...	1030	765,000	94	12.3	7.6	289	4.3	110	30.3	8.08	2.24	12.1	84
MAR 02...	1030	543,000	66	11.5	7.5	307	8.2	120	33.3	9.53	2.72	15.1	86
MAR 16...	1030	716,000	120	10.8	7.3	--	10.6	160	41.7	12.6	3.29	29.7	104
MAR 30...	1030	579,000	70	8.2	7.3	350	13.7	140	37.7	10.6	3.19	17.9	96
MAY 06...	1000	673,000	59	7.4	7.8	297	18.6	110	30.4	8.33	2.56	14.1	79
MAY 18...	1030	605,000	110	7.3	7.6	307	21.4	130	33.9	10.1	2.91	12.8	95
JUN 08...	0900	681,000	170	6.2	7.3	385	24.6	150	38.5	12.2	3.41	17.1	101
JUN 22...	0900	709,000	82	6.1	7.4	360	26.7	140	39.0	11.3	3.66	13.7	106
JUL 20...	1000	536,000	59	7.2	7.3	399	29.3	150	39.6	12.2	3.30	17.1	115
AUG 17...	0930	327,000	35	9.6	7.8	400	26.7	160	40.6	13.1	3.31	16.7	105
SEP 14...	1000	295,000	120	6.7	7.3	340	26.7	130	35.3	10.8	3.74	15.9	96

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA—Continued

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

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)
OCT 27...	19.5	.2	5.29	48.6	230	241	.24	.43	<.04	.68	E.004n	.24	.059
DEC 09...	14.0	<.2	7.25	35.7	172	176	.25	1.0	<.04	1.13	E.006n	.42	.051
JAN 13...	20.1	<.2	6.84	40.5	198	211	.23	.56	<.04	1.45	.011	.16	.050
29...	17.9	<.2	6.52	34.2	189	199	.28	.68	<.04	1.35	.008	.25	.045
FEB 17...	15.6	<.2	5.18	31.4	159	176	.23	.60	E.03n	.92	E.005n	.38	.034
MAR 02...	17.0	<.2	6.01	31.2	171	185	.31	.60	E.04*n	.96	.014	.19	.036
16...	39.5	.2	6.22	44.4	247	257	.30	.87	<.04	1.65	.035	.53	.060
30...	24.2	<.2	6.20	33.5	198	205	.30	.68	<.04	1.54	.025	.34	.048
MAY 06...	18.1	<.2	4.59	32.9	163	182	.25	.58	E.03n	1.03	<.008	.31	.041
18...	15.7	<.2	5.51	29.5	172	182	.24	.59	<.04	1.09	<.008	.26	.044
JUN 08...	21.1	.2	6.32	44.4	215	226	.27	.95	<.04	2.40	<.008	.72	.069
22...	17.9	.2	8.00	28.1	196	209	.27	.67	<.04	2.48	<.008	.39	.081
JUL 20...	22.4	.2	7.68	37.4	217	237	.30	.60	<.04	1.80	<.008	.29	.093
AUG 17...	20.6	.2	4.81	45.1	212	232	.21	.55	<.04	1.20	<.008	.26	.071
SEP 14...	15.9	.2	6.86	38.4	189	199	.26	.71	<.04	.87	<.008	.49	.094

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

Date	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)	Fecal streptococci KF MF col/100 mL (31673)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)
OCT 27...	.066	.154	1.7	<.1	1.7	3.1	1.8	18k	8k	9.3	2	.21	1.4
DEC 09...	.062	.35	3.9	.2	3.7	3.5	--	460	140	1.0	--	--	.8
JAN 13...	.063	.23oc	1.5	<.1	1.5	3.1	--	150	56k	1.8	--	--	.8
29...	.054	.25oc	1.6	<.1	1.6	3.4	2.7	500	260	E2.6	--	--	.8
FEB 17...	.045	.26oc	3.7	<.1	3.7	2.8	3.0	92	137	1.8	--	--	.7
MAR 02...	.043	.20*oc	1.4	<.1	1.4	7.2	--	67	60k	3.4	4	E.11n	.7
16...	.075	.37oc	3.6	.3	3.2	3.7	2.0	83	56k	6.4	--	--	.9
30...	.061	.22oc	2.9	<.1	2.8	3.8	--	93	21k	4.8	--	--	.9
MAY 06...	.055	.21oc	2.5	<.1	2.5	3.4	.3	--	17k	4.5	4	E.12n	.9
18...	.057	.24oc	1.8	<.1	1.8	4.0	1.1	110	160	4.3	--	--	1.1
JUN 08...	.088	.39oc	7.0	<.1	7.0	3.3	1.1	320	56k	3.5	--	--	1.2
22...	.094	.25oc	3.5	<.1	3.4	4.0	.6	40k	38k	2.3	14	E.18n	1.5
JUL 20...	.106	.177	2.8	<.1	2.7	4.1	.5	30k	21k	5.7	4	.21	1.8
AUG 17...	.087	.172	2.9	<.1	2.9	2.9	.9	16k	6k	--	--	--	1.6
SEP 14...	.104	.28oc	4.2	<.1	4.2	3.5	1.5	58	32k	5.1	4	.22	1.6

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA—Continued

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

Date	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium, water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
OCT 27...	54	<.06	54	<.04	<.8	.177	1.7	E4n	<.08	7.9	.7	2.5	2.87
DEC 09...	--	--	35	--	--	--	--	11	--	3.7	--	--	--
JAN 13...	--	--	38	--	--	--	--	E6n	--	3.8	--	--	--
29...	--	--	34	--	--	--	--	16	--	3.3	--	--	--
FEB 17...	--	--	29	--	--	--	--	10	--	2.6	--	--	--
MAR 02...	41	<.06	31	<.04	<.8	.125	1.5	8	<.08	3.2	2.0	1.0	1.56
16...	--	--	41	--	--	--	--	12	--	4.9	--	--	--
30...	--	--	33	--	--	--	--	10	--	3.2	--	--	--
MAY 06...	44	<.06	33	<.04	<.8	.176	1.8	9	<.08	3.6	.6	1.1	2.15
18...	--	--	29	--	--	--	--	7	--	3.3	--	--	--
JUN 08...	--	--	39	--	--	--	--	6	--	5.2	--	--	--
22...	58	<.06	37	<.04	<.8	.162	2.0	11	E.06n	4.1	1.1	1.5	1.66
JUL 20...	54	<.06	39	<.04	<.8	.194	1.7	<6	<.08	4.7	.8	1.8	2.20
AUG 17...	--	--	44	--	--	--	--	13	--	5.6	--	--	--
SEP 14...	52	<.06	50	E.03n	<.8	.135	2.2	34	<.08	6.0	2.5	2.3	1.53

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

Date	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)
OCT 27...	.4	<.2	208	1.5	.7	<.006	E.010	.007	E.003n	<.005	.130	<.050	<.010
DEC 09...	E.3n	--	135	1.1	--	<.006	E.008	.009	.006	<.005	.079	<.050	<.010
JAN 13...	.5	--	160	.8	--	<.006	E.032	.022	<.005	<.005	.112	<.050	<.010
29...	.4	--	142	.8	--	--	--	--	--	--	--	--	--
FEB 17...	E.3n	--	120	4.9	--	<.006	E.018	.009	<.005	<.005	.090	<.050	<.010
MAR 02...	E.3n	<.2	134	1.5	1.0	<.006	E.015	.009	<.005	<.005	.076	<.050	<.010
16...	.6	--	173	1.1	--	<.006	E.029	.040	<.010	<.005	.283	<.050	<.010
30...	.5	--	149	.9	--	<.006	E.029	.017	<.005	<.005	.242	<.050	<.010
MAY 06...	.5	<.2	138	1.1	.6	<.006	E.076	.090	.020	<.005	1.98	<.050	<.010
18...	E.3n	--	129	1.3	--	<.006	E.077	.097	.011	<.005	1.70	<.050	<.010
JUN 08...	.7	--	176	1.9	--	<.006	E.195	.296	.024	<.005	.260	<.050	<.010
22...	.6	<.2	135	2.4	6.2	<.006	E.179	.200	.015	<.005	.661	<.050	<.010
JUL 20...	1.0	<.2	150	2.3	1.0	<.006	E.090	.052	.014	<.005	.718	<.050	<.010
AUG 17...	.6	--	180	2.0	--	<.006	E.056	.031	<.010	<.005	.430	<.050	<.010
SEP 14...	E.4n	<.2	133	2.3	1.3	<.006	E.037	.015	<.005	<.005	.158	<.050	<.010

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA—Continued

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

Date	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)
OCT 27...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
DEC 09...	<.004	E.006t	<.020	<.005	<.006	<.018	.003	<.012	<.005	<.009	<.02	<.004	<.009
JAN 13...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
29...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 17...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
MAR 02...	<.004	<.041	E.011*n	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
16...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
30...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
MAY 06...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
JUN 08...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
22...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	E.003t	<.005	<.009	<.02	<.004	<.009
JUL 20...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	E.002t	<.005	<.009	<.02	<.004	<.009
AUG 17...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
SEP 14...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009

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

Date	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)
OCT 27...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	E.010t	<.015	.025	<.006	<.003
DEC 09...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.023	.007	<.003
JAN 13...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.029	<.010	<.003
29...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 17...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.018	<.006	<.003
MAR 02...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.017	<.006	<.003
16...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.078	.008	<.003
30...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.085	<.006	<.003
MAY 06...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.259	<.006	<.003
18...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.275	.007	<.003
JUN 08...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.633	.017	<.003
22...	<.005	E.003t	<.013	<.024	<.016	<.003	<.004	<.035	E.008t	<.015	.488	.009	<.003
JUL 20...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.204	E.005n	<.003
AUG 17...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.065	<.006	<.003
SEP 14...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.045	<.006	<.003

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA—Continued

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

Date	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)
OCT 27...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.021	<.02
DEC 09...	<.007	<.005	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.229	<.02
JAN 13...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.198	<.02
JAN 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 17...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.056	E.01t
MAR 02...	<.007	<.003	<.010	<.004	<.022	<.011	M*n	<.004	<.025	<.011	<.02	.061	E.01*t
MAR 16...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.111	<.02
MAR 30...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.103	E.01n
MAY 06...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.233	<.02
MAY 18...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.246	<.02
JUN 08...	<.007	<.003	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.058	<.02
JUN 22...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.005	<.025	<.011	<.02	.069	E.01n
JUL 20...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.005	<.025	<.011	<.02	.045	E.01n
AUG 17...	<.007	<.003	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.038	<.02
SEP 14...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.021	<.02

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

Date	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water, fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Sus- pended sediment concentration mg/L (80154)	Sus- pended sediment dis- charge, tons/d (80155)
OCT 27...	<.034	<.02	<.010	<.002	<.009	1.04	95	55	31,800
DEC 09...	<.034	<.02	<.010	<.002	<.009	--	64	119	184,000
JAN 13...	<.034	<.02	<.010	<.002	<.009	--	82	122	182,000
JAN 29...	--	--	--	--	--	--	56	214	370,000
FEB 17...	<.034	<.02	<.010	<.002	<.009	--	63	205	423,000
MAR 02...	<.034	<.02	<.010	<.002	<.009	.50	73	163	239,000
MAR 16...	<.034	<.02	<.010	<.002	<.009	--	81	294	568,000
MAR 30...	<.034	<.02	<.010	<.002	<.009	--	80	162	253,000
MAY 06...	<.034	<.02	<.010	<.002	<.009	.55	69	147	267,000
MAY 18...	<.034	<.02	<.010	<.002	<.009	--	86	191	312,000
JUN 08...	<.034	<.02	<.010	<.002	<.009	--	90	318	585,000
JUN 22...	<.034	<.02	<.010	<.002	<.009	.79	87	152	291,000
JUL 20...	<.034	<.02	<.010	<.002	<.009	1.09	85	128	185,000
AUG 17...	<.034	<.02	<.010	<.002	<.009	--	85	77	68,000
SEP 14...	<.034	<.02	<.010	<.002	<.009	.75	94	175	139,000

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M-- Presence verified, not quantified

Value qualifier codes used in this table:

- * -- Sample was warm when received
- c -- See laboratory comment
- k -- Counts outside acceptable range
- n -- Below the LRL and above the LT-MDL
- o -- Result determined by alternate method
- t -- Below the long-term MDL

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30° 26'44", long 91° 11'30", T. 7 S., R. 1 W., East Baton Rouge-West Baton Rouge Parish line, Hydrologic Unit 08070100, 0.4 miles north of Interstate Highway 10 bridge, and at mile 229.6.

DRAINAGE AREA.--1,129,766 mi², contributing.

PERIOD OF RECORD.--Water years 1975-76, 1988, 1991-current year.

REMARKS.--Filtered constituents are from water passed through 0.45 micron filters.

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

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, water unf lab, Hach 2100AN NTU (99872)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, water unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water fltr inc tit field, mg/L as CaCO ₃ (39086)
OCT 15...	1430	--	--	--	7.5	408	--	--	--	--	--	--	--
NOV 05...	1230	--	--	--	7.4	431	--	--	--	--	--	--	--
DEC 01...	1100	--	--	--	7.0	361	--	--	--	--	--	--	--
10...	1100	--	--	--	7.5	337	--	--	--	--	--	--	--
JAN 14...	1245	--	--	--	7.8	402	--	--	--	--	--	--	--
26...	0730	--	--	--	7.6	324	--	--	--	--	--	--	--
FEB 09...	1130	--	--	--	7.5	339	--	--	--	--	--	--	--
MAR 03...	1030	--	--	--	7.6	330	--	--	--	--	--	--	--
17...	1200	--	--	--	7.8	441	--	--	--	--	--	--	--
APR 08...	1200	--	--	--	7.6	419	--	--	--	--	--	--	--
MAY 11...	0730	--	--	--	7.7	341	--	--	--	--	--	--	--
18...	1330	643,000	80	7.2	7.6	301	21.4	120	32.0	8.56	2.66	12.2	84
JUN 09...	0830	701,000	E180	5.7	7.5	385	25.5	140	38.0	12.0	3.40	17.0	99
23...	0800	734,000	82	6.4	7.4	364	26.8	150	39.0	11.6	3.63	13.8	102
JUL 07...	0800	--	--	--	7.7	324	--	--	--	--	--	--	--
21...	0930	528,000	58	7.0	7.4	402	29.4	160	41.1	12.8	3.43	18.2	112
AUG 05...	0630	--	--	--	7.7	427	--	--	--	--	--	--	--
18...	1030	323,000	--	9.6	8.1	406	26.9	160	40.5	13.3	3.32	17.1	115
SEP 15...	1000	288,000	120	6.8	7.8	334	26.7	130	32.9	10.8	3.87	15.9	97

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA—Continued

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

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Ortho-phosphate, water, fltrd, mg/L as P (00671)
OCT 15...	--	--	6.2	--	--	--	--	--	.11	.75	<.008	--	.06
NOV 05...	--	--	5.3	--	--	--	--	--	E.03n	.68	<.008	--	.05
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	6.5	--	--	--	--	--	E.02n	1.19	E.006n	--	.05
JAN 14...	--	--	6.8	--	--	--	--	--	<.04	1.50	.013	--	.05
26...	--	--	6.6	--	--	--	--	--	<.04	1.34	.009	--	.04
FEB 09...	--	--	5.7	--	--	--	--	--	.06	1.02	.010	--	E.01n
MAR 03...	--	--	6.0	--	--	--	--	--	.04	.99	.016	--	.04
17...	--	--	6.5	--	--	--	--	--	<.04	1.63	.027	--	.06
APR 08...	--	--	6.3	--	--	--	--	--	<.04	1.93	.023	--	.05
MAY 11...	--	--	5.2	--	--	--	--	--	<.04	1.21	E.006n	--	.05
18...	15.3	<.2	5.38	29.2	160	180	.24	.61	<.04	1.07	<.008	.40	.044
JUN 09...	20.7	.2	6.38	44.0	211	221	.29	.99	<.04	2.34	<.008	.69	.066
23...	18.3	.2	7.91	28.3	195	221	.20	.70	<.04	2.47	<.008	.38	.082
JUL 07...	--	--	8.2	--	--	--	--	--	.27	2.42	<.008	--	.51
21...	23.8	.2	7.86	37.8	220	238	.29	.55	<.04	1.81	<.008	.26	.094
AUG 05...	--	--	8.2	--	--	--	--	--	E.03n	2.09	<.008	--	.16
18...	21.3	.2	4.78	46.4	221	231	.24	.54	<.04	1.21	<.008	.31	.072
SEP 15...	15.7	.2	6.94	38.3	187	199	.24	.65	<.04	.88	<.008	.43	.096

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

Date	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)	Fecal strep- tococci KF MF, col/ 100 mL (31673)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	.055	.22oc	2.3	<.1	2.3	3.9	1.3	150	248	4.5	--	--	1.0
JUN 09...	.085	.41oc	6.9	<.1	6.8	4.0	3.0	170	73	2.8	--	--	1.3
23...	.098	.26oc	3.1	<.1	3.1	4.1	.7	170	103	3.6	3	E.18n	1.6
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	.106	.185	2.5	<.1	2.5	4.0	--	21k	14k	6.8	4	.22	1.8
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	.087	.188	3.0	<.1	2.9	3.0	--	13k	27k	13.7	--	--	1.7
SEP 15...	.106	.25oc	3.8	<.1	3.7	3.2	.1	21k	56	5.2	4	.22	1.7

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA—Continued

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

Date	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	28	--	--	--	--	E6n	--	3.2	--	--	--
JUN 09...	--	--	40	--	--	--	--	<6	--	5.3	--	--	--
23...	58	<.06	37	<.04	<.8	.158	1.8	33	<.08	4.2	.3	1.5	1.52
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	57	<.06	41	<.04	<.8	.197	1.9	E3n	<.08	5.1	.5	2.0	2.41
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	44	--	--	--	--	E3n	--	5.8	--	--	--
SEP 15...	52	<.06	51	E.02n	<.8	.132	2.2	12	<.08	6.0	.7	2.3	1.31

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

Date	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	E.2n	--	119	1.1	--	<.006	E.079	.098	.011	<.005	1.63	<.050	<.010
JUN 09...	.6	--	177	1.9	--	<.006	E.197	.304	.025	<.005	.218	<.050	<.010
23...	.7	<.2	136	2.4	.7	<.006	E.156	.196	.012	<.005	.698	<.050	<.010
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	.8	<.2	157	2.5	3.2	<.006	E.094	.049	.009	<.005	.680	<.050	<.010
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	.6	--	183	2.2	--	<.006	E.052	.031	<.010	<.005	.434	<.050	<.010
SEP 15...	E.3n	<.2	135	2.5	1.9	<.006	E.035	.014	<.005	<.005	.174	<.050	<.010

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA—Continued

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

Date	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
JUN 09...	<.004	<.041	<.020	<.005	<.010	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
23...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	E.002t	<.005	<.009	<.02	<.004	<.009
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.005	<.009
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
SEP 15...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009

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

Date	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfide water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.269	.007	<.003
JUN 09...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.665	.018	<.003
23...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.499	.009	<.003
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.198	<.006	<.003
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.065	<.006	<.003
SEP 15...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.049	<.006	<.003

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA—Continued

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

Date	Naprop- amide, water, fltrd 0.7u GF (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF (82669)	Pendi- meth- alin, water, fltrd 0.7u GF (82683)	Phorate water fltrd 0.7u GF (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF (82679)	Propar- gite, water, fltrd 0.7u GF (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF (82670)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 03...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.249	<.02
JUN 09...	<.007	<.003	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.056	<.02
23...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.069	E.01n
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.043	E.01n
AUG 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.007	<.003	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.037	<.02
SEP 15...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.023	<.02

LOWER MISSISSIPPI RIVER BASIN

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA—Continued

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

Date	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT									
15...	--	--	--	--	--	--	--	--	--
NOV									
05...	--	--	--	--	--	--	--	--	--
DEC									
01...	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--
JAN									
14...	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--
FEB									
09...	--	--	--	--	--	--	--	--	--
MAR									
03...	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--
APR									
08...	--	--	--	--	--	--	--	--	--
MAY									
11...	--	--	--	--	--	--	--	--	--
18...	<.034	<.02	<.010	<.002	<.009	--	86	215	373,000
JUN									
09...	<.034	<.02	<.010	<.002	<.009	--	90	324	613,000
23...	<.034	<.02	<.010	<.002	<.009	.81	79	170	337,000
JUL									
07...	--	--	--	--	--	--	--	--	--
21...	<.034	<.02	<.010	<.002	<.009	1.16	88	120	171,000
AUG									
05...	--	--	--	--	--	--	--	--	--
18...	<.034	<.02	<.010	<.002	<.009	--	93	89	77,600
SEP									
15...	<.034	<.02	<.010	<.002	<.009	.74	98	168	131,000

Remark codes used in this table:

< -- Less than
E -- Estimated value

Value qualifier codes used in this table:

c -- See laboratory comment
k -- Counts outside acceptable range
n -- Below the LRL and above the LT-MDL
o -- Result determined by alternate method
t -- Below the long-term MDL

073745253 REGGIO CANAL NEAR WILLS POINT, LA

LOCATION.--Lat 29° 47'03", long 89° 56'15", T. 14 S., R. 14 E., Plaquemines Parish, Hydrologic Unit 08090203, on a four-pile platform 6 miles southwest of Caernarvon.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.77 ft, Sept. 26, 2002; minimum gage height, -1.17 ft, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.94 ft, Sept. 24; minimum gage height, -0.47 ft, Apr. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.07	1.92	2.00	1.66	1.38	1.55	0.73	0.53	0.62	1.17	0.90	1.03
2	2.11	1.97	2.04	1.67	1.52	1.59	0.79	0.53	0.66	1.04	0.76	0.90
3	2.04	1.97	2.00	1.55	1.42	1.49	1.15	0.79	0.97	0.99	0.73	0.85
4	1.97	1.86	1.90	1.70	1.38	1.52	1.31	1.15	1.22	1.01	0.78	0.89
5	1.86	1.73	1.78	1.76	1.59	1.70	1.34	1.17	1.26	1.07	0.57	0.86
6	1.73	1.63	1.66	1.59	1.37	1.46	1.19	1.12	1.16	0.62	0.33	0.50
7	1.76	1.59	1.66	1.38	1.26	1.33	1.23	1.14	1.20	1.06	0.51	0.90
8	1.74	1.65	1.69	1.39	1.30	1.35	1.33	1.20	1.30	1.19	1.01	1.11
9	1.74	1.65	1.68	1.50	1.37	1.43	1.48	1.25	1.39	1.33	0.97	1.15
10	2.19	1.74	2.01	1.62	1.42	1.56	1.25	0.90	1.05	1.00	0.80	0.93
11	2.19	2.06	2.12	1.67	1.50	1.59	0.93	0.75	0.86	1.04	0.80	0.94
12	2.21	2.07	2.16	1.62	1.42	1.53	1.03	0.76	0.94	1.01	0.81	0.89
13	2.17	2.05	2.11	1.49	1.32	1.42	1.44	0.99	1.27	0.92	0.82	0.87
14	2.05	1.83	1.97	1.65	1.34	1.54	1.22	0.83	1.02	0.88	0.79	0.84
15	1.83	1.73	1.79	1.58	1.39	1.51	1.08	0.83	0.98	0.87	0.76	0.81
16	1.73	1.52	1.62	1.54	1.37	1.46	1.17	0.72	0.99	1.20	0.87	0.97
17	1.55	1.37	1.50	1.58	1.39	1.49	0.72	0.21	0.41	1.56	1.20	1.42
18	1.48	1.33	1.42	1.70	1.47	1.61	0.23	0.01	0.13	1.54	1.33	1.46
19	1.57	1.37	1.48	1.60	0.86	1.23	0.13	-0.05	0.04	1.33	1.05	1.17
20	1.53	1.42	1.47	0.87	0.77	0.82	0.27	0.04	0.12	1.25	1.05	1.13
21	1.43	1.24	1.35	0.91	0.68	0.79	0.51	0.27	0.42	1.24	1.09	1.16
22	1.24	0.81	1.01	1.02	0.79	0.90	0.80	0.51	0.71	1.23	1.09	1.16
23	0.99	0.68	0.80	1.16	0.93	1.08	1.04	0.66	0.89	1.23	1.10	1.15
24	1.14	0.96	1.04	1.06	0.50	0.76	0.66	0.36	0.54	1.21	1.10	1.17
25	1.23	1.12	1.17	1.07	0.56	0.90	0.86	0.36	0.68	1.33	1.17	1.27
26	1.38	1.16	1.26	1.35	0.97	1.19	1.15	0.70	0.93	1.36	1.26	1.31
27	1.33	1.13	1.23	1.54	1.19	1.41	1.01	0.80	0.93	1.35	1.06	1.21
28	1.42	1.18	1.31	1.47	0.92	1.19	1.17	0.88	1.07	1.06	0.96	1.00
29	1.43	1.20	1.32	0.92	0.75	0.86	1.53	1.06	1.32	1.09	0.98	1.01
30	1.50	1.20	1.38	0.76	0.57	0.70	1.28	1.12	1.20	1.30	1.09	1.17
31	1.52	1.28	1.41	---	---	---	1.28	1.06	1.18	1.54	1.29	1.35
MONTH	2.21	0.68	1.59	1.76	0.50	1.30	1.53	-0.05	0.89	1.56	0.33	1.05

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.98	1.54	1.77	1.81	1.73	1.76	1.64	1.61	1.62	1.69	1.57	1.63
2	2.11	1.98	2.05	1.87	1.81	1.85	1.64	1.31	1.54	1.62	1.21	1.42
3	1.99	1.80	1.90	1.93	1.87	1.91	1.31	0.75	1.02	1.25	0.97	1.12
4	1.90	1.79	1.82	1.98	1.91	1.95	0.75	0.47	0.56	1.03	0.81	0.92
5	2.06	1.88	2.00	1.95	1.75	1.86	0.88	0.41	0.60	0.96	0.73	0.84
6	2.09	1.93	2.03	1.75	1.46	1.63	1.05	0.74	0.85	0.89	0.62	0.75
7	1.93	1.64	1.79	1.46	1.00	1.24	1.16	0.97	1.05	0.90	0.68	0.79
8	1.64	1.45	1.54	1.00	0.70	0.86	1.01	0.65	0.78	0.90	0.64	0.76
9	1.45	1.04	1.26	0.70	0.16	0.42	0.93	0.54	0.68	0.93	0.63	0.76
10	1.14	1.02	1.06	0.41	0.01	0.16	0.98	0.72	0.84	1.19	0.93	1.02
11	1.44	1.01	1.20	0.40	0.20	0.30	1.20	0.98	1.04	1.99	1.19	1.48
12	1.36	1.01	1.19	0.40	0.16	0.28	1.30	0.94	1.17	2.05	1.90	1.96
13	1.02	0.83	0.92	0.68	0.32	0.42	0.94	0.14	0.54	2.05	1.92	1.98
14	1.08	0.94	1.01	0.83	0.62	0.70	0.14	-0.34	-0.13	1.99	1.92	1.95
15	1.07	0.33	0.65	0.94	0.76	0.85	-0.16	-0.47	-0.37	2.16	1.99	2.08
16	0.33	0.12	0.24	1.00	0.69	0.84	0.10	-0.16	-0.07	2.07	1.94	1.98
17	0.36	0.06	0.23	0.95	0.79	0.87	0.30	0.10	0.23	1.96	1.87	1.91
18	0.30	-0.05	0.14	1.02	0.75	0.88	0.53	0.23	0.36	1.93	1.85	1.88
19	0.54	-0.04	0.18	1.16	0.83	1.08	0.76	0.43	0.57	1.89	1.79	1.83
20	0.83	0.43	0.63	1.27	1.16	1.23	0.74	0.55	0.64	1.80	1.66	1.71
21	0.58	0.39	0.49	1.27	1.23	1.25	0.90	0.54	0.67	1.66	1.48	1.54
22	0.87	0.48	0.73	1.49	1.24	1.36	1.16	0.79	0.94	1.49	1.31	1.39
23	1.46	0.87	1.16	1.71	1.48	1.58	1.27	1.01	1.13	1.42	1.26	1.34
24	1.65	1.42	1.57	1.84	1.70	1.75	1.38	1.18	1.26	1.40	1.20	1.29
25	1.62	1.56	1.59	2.00	1.84	1.91	1.52	1.31	1.37	1.32	1.07	1.17
26	1.59	1.46	1.51	2.04	2.00	2.01	1.52	1.17	1.32	1.15	0.85	0.96
27	1.57	1.50	1.53	2.10	2.04	2.07	1.17	0.96	1.04	0.87	0.53	0.66
28	1.65	1.55	1.59	2.11	2.09	2.10	1.18	0.94	1.03	0.55	0.33	0.45
29	1.74	1.65	1.69	2.09	2.05	2.07	1.43	1.18	1.29	0.53	0.35	0.44
30	---	---	---	2.05	1.78	1.90	1.75	1.43	1.67	0.84	0.52	0.67
31	---	---	---	1.78	1.63	1.72	---	---	---	0.83	0.64	0.71
MONTH	2.11	-0.05	1.22	2.11	0.01	1.32	1.75	-0.47	0.84	2.16	0.33	1.27
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.85	0.51	0.66	1.16	0.95	1.06	1.15	0.95	1.05	0.97	0.80	0.88
2	0.91	0.74	0.83	1.14	0.95	1.05	1.15	0.88	1.00	0.90	0.80	0.84
3	1.01	0.74	0.84	1.14	0.92	1.03	1.00	0.72	0.84	1.11	0.86	0.99
4	0.96	0.71	0.81	1.12	0.89	1.01	0.90	0.73	0.80	1.32	1.11	1.23
5	0.82	0.58	0.70	1.08	0.85	0.95	0.78	0.37	0.58	1.32	1.15	1.23
6	0.92	0.58	0.73	1.01	0.77	0.88	0.39	0.31	0.35	1.15	0.79	0.99
7	1.01	0.78	0.87	0.89	0.65	0.76	1.01	0.36	0.68	0.79	0.29	0.54
8	1.10	0.94	1.01	0.89	0.67	0.75	1.53	1.01	1.28	0.43	0.12	0.28
9	1.13	1.00	1.07	0.89	0.69	0.78	1.67	1.53	1.62	0.72	0.25	0.46
10	1.13	1.00	1.06	0.88	0.75	0.82	1.59	1.28	1.42	0.92	0.62	0.76
11	1.03	0.82	0.91	0.91	0.69	0.81	1.28	1.12	1.18	1.14	0.78	0.93
12	0.84	0.71	0.78	0.82	0.61	0.69	1.15	1.01	1.06	1.37	1.12	1.22
13	0.94	0.70	0.82	0.66	0.43	0.55	1.11	0.87	0.98	1.53	1.37	1.43
14	1.12	0.84	0.97	0.69	0.49	0.59	1.10	0.95	1.03	1.82	1.53	1.68
15	1.16	0.99	1.08	0.64	0.43	0.54	1.11	0.92	1.01	2.27	1.82	2.03
16	1.23	1.02	1.12	0.60	0.39	0.46	1.14	0.91	1.03	2.70	2.27	2.56
17	1.20	1.03	1.12	0.44	0.19	0.30	1.11	0.92	1.01	2.70	2.42	2.58
18	1.17	0.96	1.06	0.31	0.01	0.14	1.07	0.85	0.95	2.42	2.06	2.23
19	1.11	0.88	0.98	0.52	0.02	0.19	0.98	0.88	0.93	2.06	1.83	1.93
20	1.00	0.78	0.89	0.74	0.43	0.54	0.97	0.79	0.92	1.95	1.79	1.87
21	0.98	0.77	0.86	0.82	0.63	0.71	0.81	0.65	0.75	2.20	1.93	2.05
22	0.92	0.71	0.80	0.81	0.58	0.68	0.78	0.62	0.69	2.49	2.20	2.30
23	0.82	0.56	0.67	0.72	0.51	0.59	0.87	0.66	0.76	2.94	2.49	2.71
24	0.92	0.53	0.67	0.68	0.48	0.58	0.91	0.65	0.79	2.94	2.66	2.81
25	0.86	0.64	0.74	0.69	0.56	0.62	0.92	0.66	0.79	2.66	2.30	2.47
26	0.78	0.58	0.66	0.79	0.53	0.65	0.93	0.65	0.79	2.30	1.96	2.13
27	0.89	0.58	0.71	0.77	0.59	0.68	1.08	0.72	0.89	1.96	1.62	1.78
28	1.01	0.63	0.79	0.83	0.56	0.70	1.09	0.87	0.98	1.62	1.29	1.42
29	1.08	0.76	0.93	0.86	0.62	0.74	1.07	0.87	0.98	1.29	1.13	1.18
30	1.13	0.92	1.02	0.91	0.61	0.74	1.05	0.85	0.95	1.16	1.06	1.11
31	---	---	---	1.10	0.78	0.91	1.02	0.82	0.91	---	---	---
MONTH	1.23	0.51	0.87	1.16	0.01	0.69	1.67	0.31	0.94	2.94	0.12	1.55

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1999 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: January 1999 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Mar. 3-8 when records good.

SALINITY: Records excellent except for Mar. 3-8 when records good.

WATER TEMPERATURE: Records good except for April 29-June 15 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 12,800 microsiemens/cm, Feb. 26, 2000; minimum, 254 microsiemens/cm, May 13, 2004.

SALINITY: Maximum, 3.6 ppt, Sept. 27, 2003; minimum, 0.1 ppt, Mar. 18, Apr. 9, July 1, 2, 6, 2003.

WATER TEMPERATURE: Maximum, 34.8°C, Aug. 14, 1999; minimum, 2.2°C, Jan. 3, 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 11,700 microsiemens/cm, Sept. 24; minimum, 254 microsiemens/cm, May 13.

SALINITY: Maximum, 6.6 ppt, Sept. 23, 24; minimum, 0.1 ppt, May 12, 13, 14, 15, 16.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 3; minimum, 6.2°C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	954	407	455	489	460	469	660	563	585	787	524	615
2	530	415	486	484	458	468	580	492	543	850	561	632
3	580	472	530	470	453	459	492	401	429	773	638	705
4	601	531	569	474	459	467	401	382	393	741	649	702
5	607	580	596	2,370	463	1,070	382	362	371	759	628	710
6	619	548	594	508	462	479	367	362	364	717	583	649
7	556	513	538	506	490	498	364	362	363	811	521	693
8	533	501	520	497	466	479	364	359	362	521	415	427
9	516	484	500	480	452	466	476	358	383	442	402	418
10	627	463	506	486	466	473	516	457	494	434	402	407
11	647	451	520	468	455	461	467	395	407	406	394	402
12	588	428	498	471	458	466	410	389	397	415	388	395
13	579	461	512	484	461	473	546	367	399	405	377	385
14	594	528	556	485	465	474	423	375	391	386	375	378
15	610	519	569	717	475	543	402	391	396	390	382	387
16	723	585	651	614	474	527	648	387	427	391	383	387
17	643	540	593	840	500	603	458	407	419	787	391	490
18	587	438	515	1,920	583	1,260	425	412	418	690	413	474
19	517	384	456	1,770	553	963	423	397	407	449	416	422
20	425	382	401	726	562	611	409	387	397	569	413	448
21	451	387	428	740	648	700	403	375	390	447	391	408
22	605	451	539	857	735	792	406	377	391	420	368	385
23	624	579	604	883	785	858	405	379	392	415	347	366
24	615	464	524	884	710	813	403	390	396	347	337	340
25	504	430	455	859	710	809	402	389	396	337	331	333
26	446	428	440	889	835	862	481	384	404	345	332	338
27	472	437	448	872	579	818	442	393	408	362	343	352
28	473	460	468	579	459	477	421	400	406	370	362	367
29	481	473	476	564	494	526	682	413	446	366	348	355
30	506	465	486	589	564	583	825	428	516	375	341	351
31	497	465	482	---	---	---	799	411	545	365	348	350
MONTH	954	382	513	2,370	452	632	825	358	420	850	331	454

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	362	353	357	320	306	311	369	366	367	1,100	643	819
2	565	360	407	315	311	313	390	368	374	824	554	630
3	410	388	398	324	311	317	413	390	401	612	481	523
4	399	380	386	338	317	321	422	411	416	529	481	499
5	390	362	374	359	320	338	462	415	428	532	474	506
6	445	366	388	353	338	344	468	437	449	563	484	514
7	366	354	358	367	347	357	471	425	445	575	502	540
8	357	351	353	376	363	369	439	408	425	586	519	552
9	735	351	475	388	374	380	476	432	446	612	532	570
10	738	491	555	415	386	392	476	447	462	671	611	626
11	854	472	649	430	402	413	529	424	471	713	303	620
12	919	616	798	515	388	443	488	453	475	303	266	279
13	625	462	561	459	411	433	612	469	538	309	254	282
14	620	438	528	456	404	434	530	508	515	305	267	295
15	697	434	558	425	374	400	560	502	523	307	285	301
16	642	417	484	391	379	384	594	557	570	369	285	344
17	691	440	521	398	390	394	628	594	611	380	332	355
18	714	445	535	405	389	395	679	592	617	427	367	399
19	482	358	430	461	368	425	682	621	653	434	391	411
20	358	322	330	458	412	438	676	597	643	516	399	449
21	374	331	354	412	403	407	678	492	577	541	446	486
22	396	370	379	403	390	393	708	619	667	446	419	433
23	562	374	483	398	390	394	753	676	708	442	412	424
24	631	499	584	402	398	400	888	752	807	452	416	428
25	849	321	629	401	398	399	1,090	888	1,060	453	431	441
26	363	317	333	399	390	394	1,080	428	680	457	436	444
27	418	310	335	393	384	387	498	478	487	447	429	435
28	310	301	305	384	379	381	580	496	514	454	422	435
29	307	301	303	379	367	375	663	580	619	477	418	436
30	---	---	---	377	367	374	934	639	785	570	452	499
31	---	---	---	367	360	364	---	---	---	538	454	496
MONTH	919	301	453	515	306	383	1,090	366	558	1,100	254	467
JUNE			JULY			AUGUST			SEPTEMBER			
1	519	416	443	636	594	614	942	635	742	522	453	480
2	547	459	501	632	590	611	1,130	663	909	494	471	480
3	533	405	440	634	596	617	1,060	562	765	583	476	529
4	517	439	476	641	612	628	682	459	549	2,340	583	1,550
5	534	479	500	645	629	638	468	440	457	2,720	1,930	2,270
6	525	462	491	649	638	643	465	457	460	2,010	1,020	1,340
7	655	447	538	643	616	628	523	454	472	1,020	714	820
8	623	510	550	628	611	620	2,070	519	1,040	865	668	735
9	568	517	538	677	624	647	4,370	2,070	3,450	1,010	764	852
10	564	527	546	652	638	645	4,020	708	2,190	2,700	1,000	1,430
11	569	483	520	659	645	655	1,160	1,020	1,100	3,060	2,350	2,630
12	534	497	519	659	651	655	1,340	985	1,190	3,560	2,880	3,230
13	576	523	540	674	613	635	1,620	1,170	1,380	4,320	3,560	4,060
14	576	535	553	701	635	659	1,870	1,610	1,730	6,890	4,240	5,450
15	579	554	568	714	629	662	2,060	1,750	1,950	10,700	6,890	8,730
16	602	547	567	705	565	612	2,210	1,860	2,070	11,300	8,810	9,690
17	602	453	536	565	516	535	2,210	751	1,210	8,810	6,590	7,790
18	592	445	503	516	468	487	815	522	633	7,870	6,340	6,910
19	563	448	481	475	447	457	673	517	593	6,340	5,980	6,110
20	509	456	482	501	462	478	678	537	596	6,770	5,660	6,020
21	520	488	501	511	412	462	650	593	628	9,560	6,770	7,750
22	537	505	520	490	396	418	705	598	649	10,500	9,340	9,740
23	571	526	553	437	394	411	600	528	569	11,700	10,500	10,900
24	572	538	561	436	418	426	535	489	511	11,700	8,220	10,300
25	691	527	614	430	404	413	545	483	504	8,220	7,010	7,520
26	692	522	599	417	410	413	516	464	494	7,010	6,180	6,570
27	719	517	629	416	408	412	501	458	475	6,300	5,110	5,930
28	746	683	712	430	411	421	495	425	453	5,110	4,180	4,540
29	721	642	694	430	415	422	483	433	457	4,200	3,740	3,950
30	678	599	647	439	419	428	492	437	464	3,920	3,460	3,660
31	---	---	---	635	437	465	505	438	469	---	---	---
MONTH	746	405	544	714	394	542	4,370	425	941	11,700	453	4,730

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.5	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3
2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.3	0.3
3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
5	0.3	0.3	0.3	1.2	0.2	0.5	0.2	0.2	0.2	0.4	0.3	0.3
6	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
7	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
8	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
11	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
14	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.3	0.3	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
16	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
17	0.3	0.3	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.4	0.2	0.2
18	0.3	0.2	0.3	1.0	0.3	0.6	0.2	0.2	0.2	0.3	0.2	0.2
19	0.3	0.2	0.2	0.9	0.3	0.5	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2
21	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
22	0.3	0.2	0.3	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
23	0.3	0.3	0.3	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
24	0.3	0.2	0.3	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.3	0.2	0.2	0.2
31	0.2	0.2	0.2	---	---	---	0.4	0.2	0.3	0.2	0.2	0.2
MONTH	0.5	0.2	0.3	1.2	0.2	0.3	0.4	0.2	0.2	0.4	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.3	0.4
2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
9	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
10	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
11	0.4	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.3
12	0.5	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
13	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1
14	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1
15	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.2
16	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.2
17	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
18	0.4	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
23	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2
24	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2
25	0.4	0.2	0.3	0.2	0.2	0.2	0.5	0.4	0.5	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.3	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
30	---	---	---	0.2	0.2	0.2	0.5	0.3	0.4	0.3	0.2	0.2
31	---	---	---	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2
MONTH	0.5	0.2	0.2	0.3	0.2	0.2	0.5	0.2	0.3	0.5	0.1	0.2

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.3	0.4	0.3	0.2	0.2
2	0.3	0.2	0.2	0.3	0.3	0.3	0.6	0.3	0.4	0.2	0.2	0.2
3	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.3	0.4	0.3	0.2	0.3
4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	1.2	0.3	0.8
5	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	1.4	1.0	1.2
6	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	1.0	0.5	0.7
7	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.5	0.4	0.4
8	0.3	0.3	0.3	0.3	0.3	0.3	1.1	0.3	0.5	0.4	0.3	0.4
9	0.3	0.3	0.3	0.3	0.3	0.3	2.3	1.1	1.8	0.5	0.4	0.4
10	0.3	0.3	0.3	0.3	0.3	0.3	2.1	0.3	1.1	1.4	0.5	0.7
11	0.3	0.2	0.3	0.3	0.3	0.3	0.6	0.5	0.5	1.6	1.2	1.4
12	0.3	0.2	0.3	0.3	0.3	0.3	0.7	0.5	0.6	1.9	1.5	1.7
13	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.6	0.7	2.3	1.9	2.1
14	0.3	0.3	0.3	0.3	0.3	0.3	0.9	0.8	0.9	3.8	2.2	2.9
15	0.3	0.3	0.3	0.4	0.3	0.3	1.0	0.9	1.0	6.1	3.8	4.9
16	0.3	0.3	0.3	0.3	0.3	0.3	1.1	0.9	1.1	6.4	4.9	5.4
17	0.3	0.2	0.3	0.3	0.3	0.3	1.1	0.4	0.6	4.9	3.6	4.3
18	0.3	0.2	0.2	0.3	0.2	0.2	0.4	0.3	0.3	4.3	3.4	3.8
19	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	3.4	3.2	3.3
20	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	3.7	3.1	3.3
21	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	5.4	3.7	4.3
22	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	6.0	5.2	5.5
23	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	6.6	6.0	6.2
24	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	6.6	4.6	5.8
25	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	4.6	3.8	4.1
26	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	3.8	3.4	3.6
27	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	3.4	2.7	3.2
28	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	2.7	2.2	2.4
29	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	2.2	2.0	2.1
30	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	2.1	1.8	1.9
31	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	---	---	---
MONTH	0.4	0.2	0.3	0.4	0.2	0.3	2.3	0.2	0.5	6.6	0.2	2.6

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.4	20.8	21.6	23.3	21.9	22.6	14.2	12.7	13.5	14.8	12.6	13.6
2	22.1	21.1	21.6	24.0	22.7	23.3	15.2	13.7	14.6	16.4	14.6	15.4
3	22.3	20.5	21.2	24.6	22.9	23.8	15.8	13.7	14.6	18.0	16.3	17.1
4	23.6	21.3	22.4	24.2	23.4	23.8	15.8	14.7	15.2	19.8	17.9	18.9
5	24.8	23.1	23.9	25.2	23.5	24.3	15.1	12.4	13.6	19.9	17.7	19.2
6	25.4	24.0	24.7	25.1	24.2	24.6	12.4	9.4	10.2	17.7	13.1	15.1
7	25.7	24.9	25.4	24.7	23.2	24.0	11.9	9.3	10.4	13.1	11.3	12.0
8	26.0	25.3	25.6	23.2	22.4	22.7	12.8	11.1	11.9	11.4	7.8	8.3
9	25.9	25.6	25.8	22.9	21.5	22.1	14.1	12.4	13.0	10.9	8.9	9.8
10	25.6	25.0	25.3	21.9	21.2	21.5	14.1	12.8	13.5	10.7	8.8	9.3
11	25.0	23.9	24.3	22.4	21.4	21.8	12.8	10.7	11.4	9.5	7.7	8.5
12	24.7	23.5	24.0	23.3	21.7	22.4	12.2	10.7	11.4	11.0	8.9	9.8
13	25.5	24.2	24.8	23.0	20.5	22.3	13.0	12.2	12.6	11.9	10.5	11.1
14	25.9	24.7	25.2	20.5	18.8	19.3	12.7	11.5	11.9	11.9	11.0	11.5
15	24.8	22.7	23.6	19.6	18.3	19.0	11.7	10.6	11.2	11.8	10.9	11.4
16	22.9	21.8	22.4	20.3	18.6	19.5	13.5	11.7	12.8	11.6	10.0	10.8
17	23.8	22.2	22.9	21.5	19.6	20.6	12.9	9.9	10.7	13.3	11.5	12.1
18	23.3	21.8	22.6	21.7	21.2	21.4	11.1	8.8	9.7	14.6	12.0	12.9
19	23.1	21.6	22.0	21.4	18.1	19.3	11.2	9.8	10.4	13.3	10.1	11.7
20	23.3	21.5	22.4	18.1	16.5	17.1	11.1	9.5	10.1	10.8	7.7	9.0
21	23.7	22.5	23.1	18.0	16.3	17.2	11.7	10.5	10.9	9.9	8.0	8.8
22	23.8	22.7	23.3	18.7	17.6	18.1	13.7	11.7	12.5	10.0	8.7	9.3
23	24.2	22.8	23.6	20.0	18.2	19.1	14.1	13.1	13.7	10.4	8.9	9.6
24	25.5	23.8	24.6	19.6	15.4	17.2	13.3	11.1	11.7	10.5	9.2	9.7
25	25.4	24.3	24.8	15.5	13.9	14.8	11.7	9.4	10.2	12.4	10.5	11.3
26	25.1	24.1	24.6	15.6	14.4	15.1	11.3	9.3	10.0	12.3	9.1	10.5
27	24.1	21.0	22.8	16.7	15.6	16.2	12.5	10.9	11.5	9.1	7.7	8.3
28	21.2	18.9	20.3	16.6	14.1	15.7	14.1	12.5	13.2	8.0	6.2	7.1
29	20.2	18.6	19.3	14.1	12.4	12.9	15.1	14.1	14.7	8.3	7.1	7.6
30	21.4	19.5	20.3	12.7	11.7	12.3	14.2	12.0	12.9	8.9	8.3	8.5
31	22.9	20.8	21.8	---	---	---	13.4	11.2	12.2	8.8	7.9	8.3
MONTH	26.0	18.6	23.2	25.2	11.7	19.8	15.8	8.8	12.1	19.9	6.2	11.2
FEBRUARY			MARCH			APRIL			MAY			
1	8.6	7.7	8.0	15.6	12.7	14.0	18.8	15.4	17.1	23.7	21.6	22.6
2	10.9	8.6	9.6	16.0	14.2	15.2	21.2	16.7	18.6	23.8	22.0	23.0
3	10.0	8.6	9.4	16.1	14.5	15.5	22.6	20.0	21.3	23.4	21.4	22.6
4	10.0	8.8	9.3	17.4	15.0	16.1	23.4	21.3	22.4	24.6	21.8	23.0
5	14.6	10.0	11.8	21.3	17.4	20.0	23.4	22.0	22.8	26.3	22.4	24.0
6	15.1	12.4	14.3	23.4	21.3	22.3	23.6	22.0	22.7	27.5	23.8	25.5
7	12.4	9.4	10.3	23.2	21.9	22.5	23.3	22.5	22.9	28.7	25.9	26.8
8	9.5	7.5	8.0	22.2	19.8	20.6	25.1	22.5	23.7	29.6	27.0	27.9
9	12.3	7.7	10.3	20.0	18.2	19.1	26.2	24.2	25.0	29.4	28.0	28.6
10	13.1	12.1	12.6	18.6	15.9	16.9	26.6	24.9	25.7	28.9	27.2	28.1
11	13.6	12.8	13.1	17.8	15.7	16.8	26.6	24.5	25.3	28.0	22.3	26.2
12	14.2	13.4	13.9	19.4	16.9	18.1	24.8	22.7	24.0	24.9	21.5	22.9
13	13.4	12.0	12.6	20.3	18.5	19.4	22.7	18.6	20.0	24.9	23.7	24.2
14	12.5	11.4	11.9	20.1	19.4	19.8	19.8	17.0	18.3	26.2	24.9	25.5
15	11.8	10.3	11.2	20.0	19.5	19.7	21.7	18.7	20.0	26.3	25.0	25.8
16	12.5	10.1	11.1	21.5	19.7	20.4	23.0	20.2	21.7	26.1	24.3	25.2
17	13.1	11.2	12.2	21.9	19.8	20.9	24.1	21.1	22.5	26.9	25.1	25.9
18	13.8	11.7	12.7	22.5	20.7	21.5	24.6	22.3	23.3	27.7	25.8	26.7
19	16.5	12.6	13.9	22.0	16.9	19.7	24.9	23.4	24.0	28.0	26.3	27.1
20	14.7	8.5	10.8	17.3	13.7	15.6	25.0	23.9	24.4	28.4	26.8	27.7
21	15.8	12.9	14.3	17.4	14.4	16.1	25.3	23.4	24.3	28.7	27.4	28.0
22	15.4	14.5	15.1	16.8	12.7	14.2	26.0	24.2	25.0	29.6	27.6	28.5
23	17.1	15.3	16.2	15.9	13.2	14.6	26.2	25.2	25.6	29.9	27.8	28.8
24	16.4	15.7	16.0	16.8	14.5	15.7	27.0	25.5	26.2	30.6	28.2	29.3
25	16.2	15.4	15.7	18.5	16.0	17.2	26.7	26.0	26.2	30.8	28.4	29.7
26	15.6	8.9	11.0	19.6	17.1	18.4	26.0	24.7	25.4	30.8	29.0	29.8
27	11.7	8.0	9.7	20.4	17.9	19.2	25.9	23.8	24.9	30.3	28.5	29.4
28	12.1	9.3	10.8	20.8	18.9	19.9	26.1	24.4	25.1	31.6	28.6	29.8
29	13.5	10.9	12.1	20.6	19.3	20.0	25.2	24.0	24.4	31.5	28.7	29.9
30	---	---	---	22.2	19.9	21.1	24.3	22.6	23.1	30.5	29.5	29.9
31	---	---	---	20.9	17.8	19.0	---	---	---	30.6	29.2	29.9
MONTH	17.1	7.5	12.0	23.4	12.7	18.4	27.0	15.4	23.2	31.6	21.4	26.8

MISSISSIPPI RIVER DELTA

073745253 REGGIO CANAL NEAR WILLS POINT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.3	29.6	30.2	30.4	29.2	29.7	33.3	31.6	32.3	31.8	29.8	30.6
2	30.3	29.4	29.7	30.4	29.6	29.8	32.8	31.9	32.3	31.7	30.0	30.7
3	29.8	28.2	29.2	31.4	29.5	30.2	34.0	31.5	32.4	31.0	29.9	30.5
4	29.7	27.9	28.9	32.4	30.2	31.2	33.4	32.1	32.8	30.4	29.3	29.9
5	29.5	28.3	28.8	32.5	31.2	31.8	33.1	31.7	32.5	31.6	29.3	29.9
6	30.0	27.8	28.8	33.0	31.6	32.0	32.5	31.0	31.7	31.6	29.5	30.5
7	30.2	27.8	28.9	32.3	30.7	31.2	31.8	29.6	30.7	31.0	29.5	30.3
8	30.8	29.3	29.9	30.9	29.6	30.1	30.8	29.2	29.8	31.1	29.2	30.1
9	31.9	29.7	30.6	30.2	28.3	29.2	29.3	28.3	28.9	31.0	29.8	30.4
10	32.6	30.5	31.2	30.8	29.1	30.0	31.5	28.9	30.1	31.1	29.4	30.2
11	33.1	30.4	31.4	30.7	29.1	29.8	31.2	29.8	30.4	31.0	30.0	30.4
12	32.5	30.6	31.4	32.0	29.6	30.6	30.7	29.1	30.1	30.3	28.6	29.8
13	31.8	30.8	31.3	30.9	29.8	30.3	29.1	27.5	28.0	28.8	27.9	28.3
14	31.1	29.9	30.5	31.5	30.3	30.7	27.5	26.5	27.1	28.9	28.1	28.6
15	30.6	29.5	29.8	32.5	30.8	31.4	27.4	26.2	26.9	28.6	25.2	26.8
16	31.1	30.1	30.6	32.4	30.7	31.7	28.5	26.4	27.3	27.0	24.7	25.5
17	32.2	30.5	31.2	32.4	30.4	31.5	29.3	27.4	28.5	27.9	26.8	27.3
18	32.8	31.0	31.7	31.9	30.1	31.1	30.0	27.6	28.9	29.1	27.4	28.1
19	32.2	31.3	31.8	31.5	29.7	30.6	30.0	28.7	29.4	28.9	27.1	27.8
20	31.9	30.4	31.2	32.4	30.2	31.2	31.3	29.0	30.1	27.4	26.8	27.1
21	31.5	30.8	31.1	32.0	31.0	31.4	32.0	30.1	30.8	27.1	26.0	26.6
22	32.0	30.3	31.0	32.9	30.7	31.8	32.5	29.7	30.6	26.3	25.3	25.8
23	32.1	30.3	31.3	33.8	31.2	32.5	31.9	30.1	30.8	26.4	24.8	25.4
24	31.8	29.6	30.8	33.8	31.8	32.8	32.2	30.7	31.3	27.3	25.9	26.5
25	29.6	28.6	29.1	33.6	32.4	32.8	31.9	30.8	31.4	27.4	26.2	26.9
26	29.2	27.8	28.3	32.6	31.0	31.8	32.3	30.3	31.2	27.4	26.1	26.8
27	30.7	27.5	28.4	32.1	30.1	31.0	32.0	30.9	31.5	27.3	25.8	26.6
28	29.2	28.4	28.8	31.7	29.8	30.7	31.7	30.6	31.2	26.9	25.7	26.3
29	29.1	28.0	28.5	31.6	30.1	31.0	31.1	30.2	30.7	26.6	25.3	26.0
30	30.1	28.3	29.0	32.4	31.0	31.5	30.3	29.7	29.9	26.6	25.5	26.2
31	---	---	---	32.7	31.2	31.9	30.6	29.1	29.8	---	---	---
MONTH	33.1	27.5	30.1	33.8	28.3	31.1	34.0	26.2	30.3	31.8	24.7	28.2

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA

LOCATION.--Lat 29° 42'29", long 89° 43'10", Plaquemines Parish, Hydrologic Unit 08090203, on a two-pipe structure 8 mile southeast of Delacroix.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed. Prior to July 23, 2003 at site 40 ft downstream at datum NAVD 88. Prior to Oct. 1, 1998, datum of gage is 3.40 ft below NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station. Although the maximum gage height for the current year exceeds that of the period of record, no change will be made until the assumed datum can be level corrected.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.68 ft, Sept. 15, 2004; minimum gage height, -2.14 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.68 ft, Sept. 15; minimum gage height, 2.84 ft, Apr. 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.38	5.56	5.96	6.10	5.32	5.72	4.76	4.26	4.51	5.28	4.48	4.91
2	6.41	5.38	5.95	5.90	5.24	5.61	4.98	4.50	4.70	5.31	4.31	4.83
3	6.32	5.30	5.84	5.64	5.19	5.44	5.48	4.74	5.03	5.39	4.26	4.82
4	6.06	5.18	5.65	6.34	5.32	5.95	5.50	4.76	5.17	5.53	4.34	4.92
5	5.86	5.00	5.49	6.39	5.38	5.74	5.47	4.34	4.72	5.54	4.21	4.76
6	5.84	5.00	5.49	5.47	4.78	5.18	4.82	3.91	4.34	5.21	3.93	4.52
7	5.96	5.20	5.66	5.50	4.92	5.28	5.08	3.85	4.44	5.37	4.77	5.06
8	5.80	5.45	5.58	5.74	5.09	5.40	5.37	4.10	4.68	5.48	4.35	4.93
9	5.80	5.45	5.66	5.81	5.05	5.46	5.81	4.53	5.15	5.68	4.22	4.90
10	6.34	5.80	6.10	6.06	5.51	5.75	5.81	3.69	4.64	5.02	3.98	4.54
11	6.51	5.48	5.95	6.06	4.99	5.52	5.00	4.04	4.42	5.21	4.12	4.66
12	6.62	5.82	6.18	6.01	4.90	5.44	5.40	4.42	4.92	4.82	4.04	4.46
13	6.49	5.59	6.01	5.78	4.90	5.29	5.81	4.99	5.38	4.79	4.15	4.53
14	6.10	4.81	5.52	6.28	5.32	5.79	5.16	4.01	4.59	4.68	4.19	4.45
15	5.89	5.14	5.51	5.98	5.03	5.50	5.29	4.46	4.89	4.84	3.99	4.37
16	5.64	4.91	5.27	6.06	5.13	5.62	5.31	3.86	4.75	5.54	4.08	4.79
17	5.67	4.75	5.21	5.94	5.24	5.62	4.16	3.33	3.64	5.76	4.83	5.36
18	5.63	4.96	5.35	6.44	5.43	5.96	4.16	3.39	3.74	5.66	4.52	5.00
19	5.91	5.06	5.51	5.43	3.63	4.32	4.29	3.33	3.80	4.81	3.26	3.97
20	5.72	4.91	5.39	5.07	4.57	4.84	4.89	3.44	4.07	5.07	3.87	4.45
21	5.42	4.59	5.15	5.42	4.42	4.90	5.24	3.70	4.38	5.12	3.75	4.41
22	4.62	4.16	4.46	5.64	4.37	4.97	5.38	3.95	4.65	5.15	3.76	4.40
23	5.29	4.14	4.75	5.90	4.73	5.33	5.52	4.38	4.79	4.91	3.84	4.40
24	5.33	4.77	5.13	5.93	3.88	4.78	4.74	3.49	4.07	4.98	3.94	4.50
25	5.66	4.72	5.21	5.74	4.63	5.21	5.30	4.23	4.78	5.28	4.48	4.90
26	5.86	4.77	5.35	5.92	4.72	5.33	5.47	4.19	4.81	5.20	4.66	4.99
27	5.74	4.73	5.27	6.16	4.91	5.58	5.31	4.34	4.85	5.04	3.31	3.94
28	5.98	4.88	5.46	5.99	3.65	4.73	5.53	4.60	5.10	4.53	3.19	3.96
29	5.90	4.73	5.33	4.94	3.98	4.43	5.70	4.45	5.32	4.96	3.63	4.25
30	5.98	4.77	5.38	4.78	4.02	4.38	5.40	4.24	4.97	5.28	4.25	4.75
31	5.91	5.05	5.48	---	---	---	5.36	4.78	5.08	6.24	4.59	5.19
MONTH	6.62	4.14	5.49	6.44	3.63	5.30	5.81	3.33	4.66	6.24	3.19	4.64

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.71	5.82	6.22	5.73	4.81	5.34	4.99	4.25	4.63	5.54	4.92	5.26
2	6.71	5.41	5.94	5.64	4.69	5.22	4.79	3.85	4.40	5.17	4.43	4.87
3	5.76	4.23	4.88	5.77	4.76	5.26	4.69	4.10	4.38	5.19	4.25	4.85
4	5.99	4.83	5.26	5.89	5.00	5.45	4.65	3.97	4.23	5.42	4.20	4.90
5	6.30	5.33	5.75	5.92	5.15	5.55	5.39	4.08	4.87	5.30	4.19	4.77
6	6.03	4.35	5.11	5.81	4.65	5.11	5.39	4.51	4.96	5.49	4.04	4.82
7	4.84	3.36	3.99	4.97	3.91	4.41	5.40	4.57	5.06	5.53	4.16	4.86
8	4.65	3.53	4.16	4.63	3.83	4.39	5.08	4.17	4.62	5.50	4.08	4.82
9	4.95	4.20	4.58	4.08	3.09	3.70	5.65	4.02	4.91	5.78	4.16	5.00
10	5.06	4.51	4.81	4.99	3.07	4.22	5.55	4.24	4.93	6.11	4.66	5.37
11	5.74	4.61	5.23	4.79	3.78	4.25	6.32	4.32	5.28	6.19	5.01	5.60
12	5.39	4.57	4.81	4.97	3.64	4.28	6.12	4.72	5.22	6.13	5.32	5.77
13	5.29	4.32	4.76	5.48	3.78	4.64	4.79	2.84	3.53	6.09	5.43	5.80
14	5.64	4.62	5.08	5.55	4.17	4.88	3.86	3.07	3.57	6.29	5.76	6.07
15	5.12	3.14	3.90	5.60	4.31	4.96	4.34	3.17	3.80	6.30	5.46	5.98
16	4.77	3.46	4.03	5.50	4.24	4.86	4.57	3.64	4.15	6.12	5.46	5.81
17	4.77	3.50	4.11	5.35	4.56	5.02	4.59	4.08	4.33	6.15	5.42	5.87
18	4.71	3.43	3.99	5.35	4.30	4.79	4.79	4.25	4.50	6.32	5.35	5.85
19	4.78	3.41	4.02	5.17	4.30	4.77	5.11	4.34	4.79	6.11	5.23	5.66
20	5.03	3.97	4.53	5.17	4.50	4.82	5.09	4.30	4.70	5.97	5.05	5.52
21	5.15	4.13	4.67	4.85	4.08	4.48	5.50	4.33	4.98	5.78	4.81	5.33
22	5.20	4.81	4.96	5.62	4.31	5.10	5.67	4.68	5.25	5.95	4.71	5.34
23	6.29	4.92	5.35	5.86	4.75	5.48	5.80	4.73	5.30	5.91	4.81	5.40
24	6.42	5.65	5.92	5.73	5.04	5.38	5.95	4.85	5.42	5.86	4.80	5.31
25	5.78	5.19	5.56	6.04	5.31	5.64	5.91	4.95	5.44	5.46	4.62	5.06
26	5.21	4.37	4.84	5.97	5.01	5.52	5.44	4.75	5.07	5.19	4.29	4.73
27	4.98	4.19	4.57	5.88	4.97	5.48	5.47	4.49	5.00	4.73	4.16	4.48
28	5.29	4.27	4.72	5.80	5.03	5.44	5.78	4.53	5.17	4.87	4.00	4.48
29	5.67	4.46	5.04	5.55	4.70	5.15	5.84	5.06	5.48	4.89	4.33	4.61
30	---	---	---	5.47	4.24	4.89	5.89	5.33	5.60	5.40	4.67	5.03
31	---	---	---	5.03	3.59	4.14	---	---	---	5.27	4.21	4.78
MONTH	6.71	3.14	4.85	6.04	3.07	4.92	6.32	2.84	4.79	6.32	4.00	5.23
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.41	4.23	4.98	5.78	4.51	5.20	5.77	4.82	5.30	5.21	4.74	4.97
2	5.47	4.29	4.98	5.76	4.47	5.16	5.50	4.56	5.00	5.22	4.70	4.98
3	5.37	4.10	4.75	5.74	4.50	5.17	5.36	4.35	4.86	5.43	5.07	5.26
4	---	---	---	5.62	4.46	5.07	5.00	4.56	4.79	5.85	5.17	5.48
5	---	---	---	5.52	4.42	4.99	4.66	4.13	4.33	5.76	4.71	5.30
6	---	---	---	5.21	4.43	4.83	4.72	4.35	4.50	5.41	4.21	4.87
7	---	---	---	5.02	4.33	4.73	5.64	4.61	5.24	4.72	3.63	4.27
8	---	---	---	5.07	4.60	4.81	6.39	5.64	6.11	5.04	3.69	4.47
9	---	---	---	5.40	4.61	4.96	6.12	5.17	5.75	5.37	4.13	4.89
10	---	---	---	5.22	4.42	4.90	5.58	4.60	5.20	5.38	4.64	5.05
11	---	---	---	5.35	4.44	4.97	5.45	4.59	5.05	5.72	4.71	5.33
12	---	---	---	4.92	4.07	4.65	5.50	4.44	5.04	6.15	5.23	5.71
13	---	---	---	5.21	4.07	4.73	5.76	4.42	5.21	6.20	5.51	5.82
14	---	---	---	5.17	4.14	4.70	5.59	4.68	5.14	6.99	5.94	6.53
15	---	---	---	5.17	4.07	4.65	5.63	4.63	5.16	9.68	6.96	8.27
16	5.85	4.63	5.31	4.98	3.87	4.42	5.50	4.59	5.06	9.30	6.02	7.29
17	5.69	4.65	5.20	4.74	3.84	4.32	5.46	4.52	4.97	6.38	5.43	5.88
18	5.67	4.58	5.14	4.49	3.65	4.07	5.29	4.62	4.91	6.01	5.35	5.66
19	5.49	4.39	4.92	5.37	3.72	4.64	5.19	4.77	4.96	6.21	5.20	5.71
20	5.61	4.27	4.99	5.30	4.24	4.80	5.16	4.53	4.86	6.49	5.75	6.10
21	5.47	4.33	4.91	5.20	4.47	4.86	5.07	4.33	4.69	6.82	6.05	6.45
22	5.29	4.38	4.84	5.04	4.32	4.69	5.19	4.31	4.74	7.22	6.05	6.78
23	5.04	4.18	4.67	4.79	4.42	4.61	5.30	4.29	4.83	7.59	6.34	7.11
24	5.25	4.24	4.75	4.95	4.45	4.74	5.37	4.24	4.86	6.50	5.59	6.24
25	5.12	4.27	4.66	4.98	4.29	4.65	5.35	4.21	4.85	6.26	5.41	5.85
26	4.92	4.39	4.61	5.29	4.23	4.85	5.39	4.21	4.87	5.92	5.12	5.62
27	5.19	4.36	4.83	5.34	4.20	4.80	5.63	4.40	5.13	5.29	4.61	5.04
28	5.42	4.36	4.96	5.46	4.21	4.88	5.67	4.59	5.16	5.19	4.52	4.82
29	5.61	4.39	5.14	5.48	4.22	4.89	5.60	4.59	5.12	5.18	4.73	4.94
30	5.65	4.60	5.14	5.65	4.20	5.02	5.48	4.59	5.05	5.45	4.69	5.03
31	---	---	---	5.86	4.63	5.31	5.36	4.67	5.01	---	---	---
MONTH	---	---	---	5.86	3.65	4.81	6.39	4.13	5.02	9.68	3.63	5.66

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to current year.

SALINITY: Oct. 2002 to current year.

WATER TEMPERATURE: May 1997 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Mar. 28-April 5, and July 21-Aug.4 when records good.

SALINITY: Records excellent except for Mar. 28-April 5, and July 21-Aug.4 when records good.

WATER TEMPERATURE: Records excellent except for Oct. 1-June 3, and Aug. 5-Sept. 30 when records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 34,200 microsiemens/cm, Oct. 8, 1999; minimum, 517 microsiemens/cm, Mar. 31, 2003.

SALINITY: Maximum, 16.4, in ppt, Sept. 15, 2004; minimum, 0.3, in ppt, on several days, 2003.

WATER TEMPERATURE: Maximum, 34.8° C, July 17, 2002; minimum, 1.7° C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 26,800 microsiemens/cm, Sept. 15; minimum, 1,000 microsiemens/cm, Jan. 28.

SALINITY: Maximum, 16.4 ppt, Sept. 15; minimum, 0.5 ppt, Jan. 28.

WATER TEMPERATURE: Maximum, 34.1° C, Aug. 23; minimum, 8.0° C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19,100	17,900	18,600	14,500	12,200	13,100	10,300	7,970	9,400	9,160	6,610	8,090
2	19,500	18,200	18,700	14,100	12,300	13,200	10,700	9,820	10,400	8,350	5,850	7,500
3	19,200	17,500	18,600	13,900	11,200	12,600	10,600	9,870	10,300	7,940	5,860	7,130
4	18,600	16,700	17,900	16,000	11,200	14,100	11,600	9,460	10,700	8,140	6,130	7,210
5	18,100	15,700	17,200	16,200	12,300	14,100	11,600	8,230	9,900	8,430	5,700	7,190
6	17,200	15,400	16,400	13,800	10,300	12,200	11,000	6,520	8,770	8,940	5,800	7,350
7	16,800	15,400	16,300	13,500	10,100	12,000	9,850	5,620	8,090	8,950	7,290	8,020
8	16,800	15,600	16,100	12,900	10,800	12,300	8,580	6,510	7,900	8,950	7,930	8,430
9	16,600	15,600	16,200	13,000	11,300	12,300	9,540	7,750	8,290	9,880	7,390	8,460
10	17,100	15,500	16,400	14,100	12,300	12,900	10,100	4,530	7,280	9,580	6,470	8,190
11	16,300	14,800	15,500	14,500	12,000	13,100	8,570	4,340	6,600	8,630	6,250	7,710
12	16,600	15,200	15,800	14,000	11,100	12,900	7,000	6,220	6,630	8,140	5,050	6,890
13	16,500	14,600	15,600	13,400	11,000	12,300	10,800	7,000	8,450	7,150	4,650	6,380
14	15,800	12,100	14,000	15,400	12,400	13,600	8,270	4,700	6,380	6,630	3,740	5,360
15	15,000	12,600	13,600	14,500	12,300	13,600	7,530	6,280	6,920	5,700	3,150	4,520
16	14,100	10,700	12,500	14,700	12,500	13,700	7,520	4,230	6,500	9,150	4,080	5,830
17	13,200	9,780	11,600	14,500	13,100	13,900	6,290	2,660	3,730	9,540	6,310	7,920
18	12,800	11,100	11,500	16,900	13,300	14,900	5,700	2,020	3,740	8,560	4,040	5,990
19	12,300	11,100	11,700	13,500	9,100	11,200	5,300	2,480	3,990	5,200	2,340	3,440
20	12,500	10,500	11,800	12,400	11,100	12,000	4,540	2,730	3,930	4,420	3,570	4,020
21	12,300	8,400	10,900	12,000	9,290	11,000	6,050	3,700	4,290	4,620	2,810	3,770
22	9,140	5,320	7,150	11,800	9,970	11,100	7,520	4,500	5,470	4,540	2,350	3,660
23	8,900	5,310	7,620	13,500	11,200	12,000	9,520	4,610	6,570	4,180	2,140	3,410
24	9,080	8,370	8,750	13,700	10,300	11,800	6,440	3,010	4,210	3,820	2,260	3,140
25	9,940	8,630	9,270	14,000	11,300	12,700	7,420	5,210	6,270	4,210	2,820	3,470
26	11,600	9,080	10,500	15,800	12,700	14,000	9,540	5,900	7,390	3,880	2,560	3,420
27	11,300	9,510	10,600	18,200	13,300	15,500	8,850	6,580	7,660	3,710	1,040	1,950
28	12,600	9,830	11,200	15,400	9,070	12,600	10,300	7,570	8,750	2,840	1,000	2,220
29	12,700	9,520	11,300	13,200	8,170	10,900	12,000	7,700	9,990	2,600	1,580	2,150
30	13,000	10,300	11,600	11,100	7,380	9,600	9,570	6,620	8,520	2,660	2,120	2,280
31	12,900	11,000	12,000	---	---	---	9,570	7,530	8,650	10,900	2,220	3,980
MONTH	19,500	5,310	13,400	18,200	7,380	12,700	12,000	2,020	7,280	10,900	1,000	5,450

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	19,700	10,100	14,300	5,230	4,260	4,730	4,180	3,230	3,680	3,470	3,020	3,310
2	21,100	11,200	14,600	5,220	3,890	4,550	3,530	2,060	2,840	3,080	2,600	2,800
3	13,100	6,850	9,230	5,020	3,800	4,400	3,130	1,800	2,660	3,040	2,470	2,820
4	11,000	8,070	9,440	5,250	4,010	4,660	2,920	1,510	2,260	2,900	2,340	2,740
5	13,800	9,690	11,200	5,300	4,060	4,590	2,870	2,140	2,440	2,840	2,490	2,740
6	10,900	5,600	8,700	4,890	2,720	3,660	2,580	2,190	2,440	2,830	2,450	2,700
7	7,080	2,690	4,330	3,250	2,060	2,530	2,510	2,370	2,420	2,780	2,560	2,700
8	6,000	2,690	5,050	3,590	1,900	2,790	2,790	2,360	2,550	2,800	2,610	2,710
9	4,930	3,440	4,470	2,790	1,310	1,710	2,740	2,160	2,420	2,950	2,690	2,790
10	4,590	3,840	4,300	3,100	1,770	2,310	2,700	2,380	2,540	4,160	2,770	3,130
11	4,440	3,620	4,070	2,730	2,120	2,460	4,420	2,400	2,870	4,700	3,120	3,680
12	4,160	3,700	3,920	2,770	2,150	2,440	4,190	2,680	3,150	4,700	3,650	4,130
13	4,210	3,640	3,890	4,000	2,220	2,750	2,980	2,190	2,350	4,260	3,470	3,820
14	3,980	3,580	3,830	4,610	2,590	3,230	2,980	2,260	2,730	4,600	3,910	4,260
15	3,840	2,150	2,920	5,510	3,120	3,820	2,910	2,040	2,540	4,910	3,820	4,370
16	3,580	1,900	2,970	5,510	3,430	4,090	2,510	2,090	2,370	4,330	3,760	3,990
17	3,070	2,050	2,740	5,140	3,730	4,390	2,430	2,060	2,240	4,440	2,980	3,950
18	3,010	2,530	2,720	5,160	3,560	4,320	2,490	2,110	2,260	3,400	2,680	2,940
19	2,850	2,170	2,560	4,550	3,550	4,220	2,950	2,340	2,640	3,000	2,500	2,730
20	2,680	2,120	2,430	4,580	3,640	4,210	2,960	2,530	2,750	3,000	2,490	2,710
21	3,120	2,420	2,740	4,360	2,930	3,610	3,610	2,560	3,080	2,800	2,300	2,580
22	3,490	2,890	3,200	5,120	3,000	4,190	4,520	3,010	3,620	2,780	2,020	2,380
23	10,900	3,280	5,260	6,910	3,850	5,310	5,110	3,400	4,030	2,800	2,190	2,480
24	11,100	6,960	9,090	7,030	4,510	5,530	5,490	3,750	4,500	3,680	2,550	2,790
25	8,910	6,170	7,030	8,370	5,420	6,780	5,530	4,110	4,740	3,660	3,380	3,510
26	7,420	3,700	5,620	8,020	5,780	6,870	4,620	3,820	4,120	3,540	3,010	3,250
27	5,850	3,090	4,320	7,610	5,920	6,800	4,690	3,590	4,060	3,240	2,810	3,040
28	5,010	2,880	4,000	6,930	6,000	6,610	4,600	3,630	4,130	3,230	2,760	3,030
29	4,990	3,970	4,560	6,650	4,740	5,700	4,810	4,240	4,440	3,200	3,000	3,120
30	---	---	---	5,190	3,670	4,340	4,430	3,470	3,810	3,160	2,950	3,080
31	---	---	---	4,340	2,260	3,060	---	---	---	3,250	3,090	3,140
MONTH	21,100	1,900	5,640	8,370	1,310	4,210	5,530	1,510	3,090	4,910	2,020	3,140
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3,200	3,040	3,120	9,150	4,920	6,820	11,900	8,010	10,000	10,500	9,180	9,890
2	3,310	3,100	3,200	9,610	5,210	7,120	10,800	7,940	9,270	10,300	8,920	9,780
3	3,220	3,090	3,160	9,850	5,410	7,470	10,500	7,500	8,870	11,100	10,100	10,500
4	---	---	---	9,480	5,660	7,430	9,320	7,950	8,540	11,900	9,580	10,900
5	---	---	---	9,010	5,710	7,260	8,180	6,160	6,950	11,900	9,170	10,600
6	---	---	---	7,630	5,870	6,770	7,910	6,700	7,270	10,800	8,440	9,660
7	---	---	---	6,680	5,200	5,980	11,000	7,450	9,500	9,130	6,930	8,090
8	---	---	---	6,530	5,340	5,830	16,000	11,000	14,200	9,310	6,880	8,430
9	---	---	---	7,880	5,170	6,430	15,600	11,300	13,500	9,920	7,600	9,130
10	---	---	---	7,570	5,490	6,670	11,900	9,850	11,100	10,700	8,930	9,820
11	---	---	---	8,230	5,490	6,900	10,800	9,510	10,100	12,300	9,300	10,800
12	---	---	---	6,350	4,820	5,800	10,700	8,970	9,870	14,900	10,900	12,800
13	---	---	---	7,350	4,670	6,090	11,300	8,830	10,000	15,800	11,800	13,800
14	---	---	---	7,210	5,170	6,130	11,100	9,290	10,100	21,300	14,600	17,800
15	---	---	---	7,440	4,950	6,170	11,300	9,470	10,400	26,800	21,300	24,000
16	8,680	3,920	5,920	6,740	4,780	5,590	11,200	9,680	10,400	25,200	19,300	23,300
17	8,160	4,400	5,930	6,070	4,510	5,160	11,000	9,640	10,300	19,300	15,400	17,200
18	8,720	4,500	6,210	5,130	4,030	4,480	10,800	9,660	10,200	17,200	14,300	15,400
19	7,780	4,410	5,740	6,850	3,810	5,190	10,700	9,770	10,300	17,000	14,800	16,100
20	8,630	4,240	6,040	7,850	4,830	6,220	10,700	9,130	10,200	18,700	16,000	17,400
21	8,430	4,600	6,220	7,990	5,770	6,920	10,300	8,430	9,520	20,900	17,400	19,400
22	7,430	4,800	6,020	7,480	5,500	6,440	10,200	8,190	9,410	22,100	18,900	20,700
23	6,420	4,460	5,400	6,520	5,450	5,930	10,300	8,140	9,410	23,800	20,900	22,700
24	7,390	4,400	5,670	7,150	5,440	6,410	10,300	8,370	9,480	21,800	19,400	20,700
25	6,030	4,470	5,150	7,350	4,980	6,300	10,200	8,360	9,450	19,700	17,800	18,900
26	5,250	4,080	4,530	7,950	5,400	6,630	10,200	8,320	9,430	18,400	16,700	17,700
27	6,010	4,220	5,020	8,320	5,280	6,620	10,900	8,590	9,910	16,700	15,000	15,900
28	7,010	4,220	5,580	9,060	5,220	7,170	11,400	9,170	10,200	16,100	14,700	15,300
29	7,390	4,340	5,760	9,450	5,620	7,590	11,300	9,350	10,300	15,900	14,600	15,300
30	8,210	4,770	6,140	10,200	6,080	8,040	11,000	9,230	10,100	15,800	14,500	15,400
31	---	---	---	11,900	7,180	9,560	10,800	9,270	9,970	---	---	---
MONTH	---	---	---	11,900	3,810	6,550	16,000	6,160	9,940	26,800	6,880	14,900

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11.4	10.5	11.0	8.4	7.0	7.5	5.8	4.4	5.3	5.1	3.6	4.5
2	11.6	10.7	11.1	8.1	7.0	7.6	6.1	5.5	5.9	4.6	3.2	4.1
3	11.4	10.3	11.0	8.0	6.3	7.2	6.0	5.5	5.8	4.4	3.2	3.9
4	11.0	9.8	10.6	9.3	6.3	8.1	6.6	5.3	6.0	4.5	3.3	4.0
5	10.7	9.1	10.1	9.4	7.0	8.1	6.6	4.6	5.6	4.7	3.1	3.9
6	10.1	9.0	9.6	7.9	5.8	7.0	6.2	3.6	4.9	5.0	3.1	4.0
7	9.9	9.0	9.6	7.8	5.7	6.9	5.5	3.0	4.5	5.0	4.0	4.4
8	9.9	9.1	9.4	7.4	6.1	7.1	4.8	3.5	4.4	5.0	4.4	4.7
9	9.7	9.1	9.5	7.5	6.4	7.0	5.3	4.3	4.6	5.5	4.1	4.7
10	10.1	9.0	9.6	8.1	7.0	7.4	5.7	2.4	4.0	5.4	3.5	4.5
11	9.5	8.6	9.0	8.4	6.8	7.6	4.8	2.3	3.6	4.8	3.4	4.3
12	9.7	8.9	9.2	8.1	6.3	7.4	3.8	3.4	3.6	4.5	2.7	3.8
13	9.7	8.5	9.1	7.7	6.2	7.0	6.1	3.8	4.7	3.9	2.5	3.5
14	9.2	6.9	8.1	9.0	7.1	7.9	4.6	2.5	3.5	3.6	2.0	2.9
15	8.7	7.2	7.9	8.4	7.0	7.8	4.1	3.4	3.8	3.1	1.6	2.4
16	8.1	6.1	7.2	8.6	7.2	7.9	4.1	2.2	3.5	5.1	2.2	3.2
17	7.6	5.5	6.6	8.4	7.5	8.0	3.4	1.4	2.0	5.3	3.4	4.4
18	7.4	6.3	6.5	9.9	7.6	8.7	3.1	1.0	2.0	4.8	2.1	3.3
19	7.0	6.3	6.7	7.8	5.1	6.3	2.8	1.3	2.1	2.8	1.2	1.8
20	7.2	6.0	6.7	7.1	6.3	6.8	2.4	1.4	2.1	2.4	1.9	2.1
21	7.0	4.7	6.2	6.8	5.2	6.2	3.3	1.9	2.3	2.5	1.5	2.0
22	5.1	2.9	3.9	6.7	5.6	6.3	4.1	2.4	2.9	2.4	1.2	1.9
23	5.0	2.9	4.2	7.8	6.3	6.8	5.3	2.5	3.6	2.2	1.1	1.8
24	5.1	4.6	4.9	7.9	5.8	6.7	3.5	1.6	2.2	2.0	1.2	1.6
25	5.6	4.8	5.2	8.1	6.4	7.3	4.1	2.8	3.4	2.2	1.5	1.8
26	6.6	5.1	5.9	9.2	7.3	8.1	5.3	3.2	4.1	2.0	1.3	1.8
27	6.4	5.3	6.0	10.7	7.6	9.0	4.9	3.6	4.2	2.0	0.5	1.0
28	7.2	5.5	6.3	9.0	5.1	7.2	5.8	4.2	4.9	1.5	0.5	1.1
29	7.3	5.3	6.4	7.6	4.5	6.2	6.8	4.2	5.6	1.3	0.8	1.1
30	7.5	5.8	6.6	6.3	4.1	5.4	5.4	3.6	4.7	1.4	1.1	1.2
31	7.4	6.2	6.8	---	---	---	5.4	4.1	4.8	6.2	1.1	2.1
MONTH	11.6	2.9	7.8	10.7	4.1	7.3	6.8	1.0	4.0	6.2	0.5	3.0
FEBRUARY			MARCH			APRIL			MAY			
1	11.7	5.7	8.3	2.8	2.3	2.5	2.1	1.6	1.9	1.8	1.6	1.7
2	12.6	6.3	8.5	2.8	2.1	2.4	1.8	1.0	1.4	1.6	1.3	1.4
3	7.5	3.7	5.2	2.7	2.0	2.3	1.6	0.9	1.3	1.6	1.3	1.5
4	6.2	4.5	5.3	2.8	2.1	2.5	1.5	0.7	1.1	1.5	1.2	1.4
5	7.9	5.4	6.3	2.8	2.1	2.4	1.4	1.1	1.2	1.5	1.3	1.4
6	6.2	3.0	4.9	2.6	1.4	1.9	1.3	1.1	1.3	1.5	1.3	1.4
7	3.9	1.4	2.3	1.7	1.0	1.3	1.3	1.2	1.2	1.4	1.3	1.4
8	3.3	1.4	2.7	1.9	1.0	1.4	1.4	1.2	1.3	1.4	1.3	1.4
9	2.6	1.8	2.4	1.4	0.7	0.9	1.4	1.1	1.2	1.5	1.4	1.4
10	2.4	2.0	2.3	1.6	0.9	1.2	1.4	1.2	1.3	2.2	1.4	1.6
11	2.4	1.9	2.2	1.4	1.1	1.3	2.4	1.2	1.5	2.5	1.6	1.9
12	2.2	1.9	2.1	1.4	1.1	1.2	2.2	1.4	1.6	2.5	1.9	2.2
13	2.2	1.9	2.1	2.1	1.1	1.4	1.5	1.1	1.2	2.3	1.8	2.0
14	2.1	1.9	2.0	2.4	1.3	1.7	1.5	1.2	1.4	2.5	2.1	2.3
15	2.0	1.1	1.5	2.9	1.6	2.0	1.5	1.0	1.3	2.6	2.0	2.3
16	1.9	1.0	1.5	2.9	1.8	2.1	1.3	1.1	1.2	2.3	2.0	2.1
17	1.6	1.0	1.4	2.7	1.9	2.3	1.2	1.0	1.1	2.4	1.5	2.1
18	1.6	1.3	1.4	2.7	1.8	2.3	1.3	1.1	1.2	1.8	1.4	1.5
19	1.5	1.1	1.3	2.4	1.8	2.2	1.5	1.2	1.4	1.6	1.3	1.4
20	1.4	1.1	1.2	2.4	1.9	2.2	1.5	1.3	1.4	1.6	1.3	1.4
21	1.6	1.2	1.4	2.3	1.5	1.9	1.9	1.3	1.6	1.4	1.2	1.3
22	1.8	1.5	1.7	2.7	1.5	2.2	2.4	1.6	1.9	1.4	1.0	1.2
23	6.2	1.7	2.8	3.7	2.0	2.8	2.7	1.8	2.1	1.4	1.1	1.3
24	6.3	3.8	5.1	3.8	2.4	2.9	3.0	2.0	2.4	1.9	1.3	1.4
25	5.0	3.3	3.9	4.6	2.9	3.6	3.0	2.2	2.5	1.9	1.8	1.8
26	4.1	1.9	3.0	4.3	3.1	3.7	2.5	2.0	2.2	1.9	1.6	1.7
27	3.2	1.6	2.3	4.1	3.1	3.6	2.5	1.9	2.1	1.7	1.5	1.6
28	2.7	1.5	2.1	3.7	3.2	3.5	2.5	1.9	2.2	1.7	1.4	1.6
29	2.7	2.1	2.4	3.5	2.5	3.0	2.6	2.2	2.4	1.7	1.6	1.6
30	---	---	---	2.7	1.9	2.2	2.4	1.8	2.0	1.6	1.5	1.6
31	---	---	---	2.2	1.1	1.5	---	---	---	1.7	1.6	1.6
MONTH	12.6	1.0	3.1	4.6	0.7	2.2	3.0	0.7	1.6	2.6	1.0	1.6

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.7	1.6	1.6	5.1	2.6	3.7	6.6	4.3	5.5	6.0	5.1	5.6
2	1.7	1.6	1.7	5.3	2.8	3.9	6.0	4.3	5.1	5.8	5.0	5.5
3	1.7	1.6	1.6	5.5	2.9	4.1	5.8	4.1	4.9	6.3	5.7	5.9
4	---	---	---	5.3	3.0	4.1	5.1	4.3	4.7	6.8	5.4	6.1
5	---	---	---	5.0	3.1	4.0	4.5	3.3	3.8	6.8	5.1	6.0
6	---	---	---	4.2	3.1	3.7	4.4	3.7	4.0	6.1	4.7	5.4
7	---	---	---	3.6	2.8	3.2	6.2	4.1	5.3	5.1	3.8	4.5
8	---	---	---	3.5	2.8	3.1	9.3	6.2	8.2	5.2	3.8	4.7
9	---	---	---	4.3	2.8	3.5	9.1	6.4	7.8	5.6	4.2	5.1
10	---	---	---	4.1	2.9	3.6	6.8	5.5	6.3	6.1	5.0	5.5
11	---	---	---	4.5	2.9	3.7	6.1	5.3	5.7	7.0	5.2	6.1
12	---	---	---	3.4	2.5	3.1	6.1	5.0	5.6	8.7	6.2	7.3
13	---	---	---	4.0	2.5	3.3	6.4	4.9	5.7	9.2	6.7	7.9
14	---	---	---	3.9	2.7	3.3	6.3	5.2	5.7	12.8	8.5	10.5
15	---	---	---	4.0	2.6	3.3	6.4	5.3	5.8	16.4	12.8	14.5
16	4.8	2.1	3.2	3.6	2.5	3.0	6.3	5.4	5.9	15.3	11.5	14.0
17	4.5	2.3	3.2	3.3	2.4	2.7	6.2	5.4	5.8	11.5	9.0	10.1
18	4.8	2.4	3.4	2.8	2.1	2.4	6.1	5.4	5.7	10.1	8.3	9.0
19	4.3	2.3	3.1	3.7	2.0	2.8	6.1	5.5	5.8	10.0	8.6	9.4
20	4.8	2.2	3.3	4.3	2.6	3.4	6.1	5.1	5.8	11.1	9.3	10.2
21	4.7	2.4	3.4	4.4	3.1	3.7	5.8	4.7	5.3	12.5	10.2	11.5
22	4.1	2.6	3.3	4.1	2.9	3.5	5.8	4.5	5.3	13.3	11.2	12.4
23	3.5	2.4	2.9	3.5	2.9	3.2	5.8	4.5	5.3	14.4	12.5	13.7
24	4.0	2.3	3.1	3.9	2.9	3.4	5.8	4.6	5.3	13.1	11.5	12.4
25	3.3	2.4	2.8	4.0	2.6	3.4	5.8	4.6	5.3	11.7	10.5	11.2
26	2.8	2.1	2.4	4.3	2.9	3.6	5.8	4.6	5.3	10.9	9.8	10.4
27	3.2	2.2	2.7	4.5	2.8	3.6	6.2	4.8	5.6	9.8	8.7	9.3
28	3.8	2.2	3.0	5.0	2.8	3.9	6.5	5.1	5.8	9.4	8.6	8.9
29	4.0	2.3	3.1	5.2	3.0	4.1	6.4	5.2	5.8	9.3	8.5	8.9
30	4.5	2.5	3.4	5.7	3.2	4.4	6.2	5.2	5.7	9.2	8.4	9.0
31	---	---	---	6.6	3.9	5.3	6.1	5.2	5.6	---	---	---
MONTH	---	---	---	6.6	2.0	3.5	9.3	3.3	5.6	16.4	3.8	8.7

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.8	21.2	21.9	24.6	22.9	23.8	16.0	13.1	14.6	15.8	13.6	14.7
2	22.1	20.6	21.4	25.4	23.5	24.3	15.4	14.0	14.7	16.8	15.6	16.3
3	23.0	20.1	21.3	25.7	23.8	24.6	15.9	14.2	15.0	18.3	16.5	17.6
4	24.6	21.6	22.8	25.4	24.1	24.7	16.6	15.1	16.0	19.9	17.7	19.0
5	26.2	23.0	24.2	26.6	24.6	25.6	16.3	14.1	15.3	20.6	16.9	19.5
6	26.1	24.3	25.1	26.1	24.4	25.4	14.1	9.9	10.8	17.2	11.7	13.4
7	26.4	24.9	25.6	25.4	24.0	24.5	11.4	9.1	10.3	11.9	9.0	10.2
8	26.5	25.2	25.8	24.3	22.4	23.4	12.7	10.0	11.4	10.2	9.2	9.6
9	26.4	25.5	25.9	23.3	21.5	22.5	14.3	11.9	13.2	12.1	10.0	11.0
10	26.0	24.7	25.2	22.6	21.6	22.1	13.9	12.4	13.1	11.0	9.6	10.2
11	25.0	24.4	24.7	24.6	21.4	22.8	12.7	10.9	11.9	11.2	8.5	10.0
12	25.6	23.8	24.7	25.4	22.7	24.0	13.6	11.4	12.4	12.6	9.7	11.1
13	25.4	24.5	25.0	24.3	20.1	22.5	13.5	12.6	13.0	14.0	11.3	12.5
14	26.6	24.4	25.1	20.1	17.9	18.6	13.0	11.3	12.0	14.7	12.8	13.7
15	25.1	22.5	23.4	20.0	17.5	18.7	13.5	10.8	12.2	15.3	14.2	14.8
16	23.7	21.7	22.8	21.5	18.9	20.1	15.6	12.1	13.6	15.2	14.1	14.6
17	25.4	22.5	23.8	22.8	20.2	21.5	12.1	9.2	10.3	15.2	14.6	14.9
18	24.3	22.2	22.9	22.0	20.3	21.6	11.3	8.3	9.9	17.1	15.2	16.0
19	23.5	21.7	22.5	20.3	17.3	18.2	11.0	9.1	10.1	15.6	12.6	14.1
20	24.5	22.2	23.1	18.0	16.0	17.1	11.5	9.1	10.3	12.6	9.6	11.1
21	25.0	22.7	23.7	18.9	16.4	17.6	12.1	9.6	11.0	12.9	9.9	11.4
22	24.5	22.0	23.3	19.8	17.8	18.8	14.6	11.5	12.9	13.7	10.8	12.2
23	24.8	22.8	23.8	21.3	18.9	19.9	14.6	13.1	13.7	14.7	11.6	13.0
24	25.5	23.8	24.6	20.3	14.3	16.5	13.6	11.3	12.6	15.4	12.8	14.0
25	25.1	24.3	24.7	14.8	12.7	14.1	12.2	11.0	11.7	18.0	14.2	15.8
26	25.6	24.2	24.8	15.7	13.8	14.7	13.4	10.8	12.1	16.9	15.7	16.4
27	24.5	20.9	22.2	17.4	15.5	16.7	14.8	11.6	13.1	15.7	9.9	13.2
28	21.0	19.6	20.4	17.2	12.7	15.0	15.6	13.2	14.3	10.8	8.0	9.5
29	22.0	19.4	20.7	13.2	12.1	12.7	15.8	14.3	15.1	10.8	8.3	9.7
30	23.4	20.4	21.9	14.1	11.2	12.9	14.3	13.3	13.7	11.4	10.7	11.0
31	24.6	22.1	23.3	---	---	---	14.4	12.2	13.4	11.3	10.6	10.9
MONTH	26.6	19.4	23.6	26.6	11.2	20.2	16.6	8.3	12.7	20.6	8.0	13.3
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	10.7	11.1	18.0	15.6	17.0	21.2	18.4	19.9	23.8	20.6	21.9
2	12.9	11.4	12.1	20.5	17.5	19.3	21.9	18.8	20.2	23.6	21.5	22.7
3	13.2	10.7	12.1	21.7	19.6	20.7	21.9	19.5	20.8	23.6	21.2	22.1
4	12.4	11.2	11.8	22.5	20.4	21.3	23.0	20.4	21.6	24.2	20.9	22.3
5	16.9	12.4	14.8	23.0	21.0	22.1	22.6	20.6	21.5	25.4	22.0	23.6
6	16.6	14.7	16.1	25.9	22.3	23.8	22.6	20.5	21.4	26.4	23.1	24.7
7	14.9	10.7	12.6	24.6	22.0	23.0	22.5	21.0	21.6	26.8	24.3	25.6
8	11.3	9.5	10.4	22.3	18.8	20.5	23.9	21.3	22.5	27.8	25.2	26.5
9	12.0	9.6	10.9	20.5	16.4	18.6	24.8	22.9	23.8	28.3	26.2	27.2
10	12.8	12.0	12.4	17.4	15.1	16.2	26.0	23.7	24.8	27.5	25.6	26.6
11	13.7	12.6	12.9	18.2	14.6	16.4	25.1	22.5	23.4	26.6	25.5	26.1
12	14.5	12.5	13.8	19.5	16.0	17.6	23.0	19.5	21.9	26.7	24.7	25.6
13	12.5	11.1	11.7	19.5	17.6	18.7	19.5	16.0	17.1	26.8	24.3	25.5
14	11.8	10.9	11.3	19.1	18.7	18.9	18.1	15.2	16.5	27.1	25.4	26.2
15	11.5	8.9	10.3	19.4	18.6	19.1	20.3	15.9	18.0	26.5	24.5	25.3
16	12.0	9.3	10.6	21.1	19.2	20.2	22.3	18.6	20.2	26.8	24.4	25.4
17	13.3	10.3	11.6	21.0	18.9	20.0	23.0	20.2	21.5	27.6	25.4	26.3
18	14.5	10.3	12.1	22.9	19.7	21.2	24.2	21.9	22.9	27.3	26.2	26.8
19	15.3	11.7	13.3	23.7	21.1	22.6	25.3	22.2	23.5	28.7	26.2	27.3
20	16.5	13.4	14.8	24.5	22.1	23.4	24.5	23.2	23.7	29.5	27.1	28.2
21	17.4	15.1	16.2	24.9	22.0	23.6	24.5	22.8	23.6	30.5	27.7	28.9
22	17.2	15.1	16.3	22.2	18.2	20.0	25.5	23.1	24.1	30.1	27.3	28.8
23	17.3	16.0	16.5	19.4	17.7	18.5	26.0	24.2	25.1	29.3	27.5	28.3
24	16.1	15.6	15.9	19.6	17.4	18.5	26.6	24.9	25.7	29.6	27.2	28.3
25	16.7	15.2	15.8	20.8	18.7	19.7	26.2	25.0	25.7	29.7	27.5	28.4
26	16.0	12.9	14.3	21.7	19.7	20.7	25.1	24.2	24.6	29.3	27.5	28.4
27	13.8	11.6	12.7	22.9	20.6	21.7	24.9	22.4	23.7	28.7	26.9	27.8
28	14.8	12.2	13.6	23.7	21.7	22.7	24.6	22.3	23.4	29.5	26.7	28.0
29	16.0	13.8	14.9	24.4	22.6	23.4	23.2	22.0	22.7	30.0	27.5	28.7
30	---	---	---	24.3	21.6	22.8	23.0	20.9	21.7	30.1	28.0	28.9
31	---	---	---	22.9	20.5	21.6	---	---	---	30.2	27.8	28.9
MONTH	17.4	8.9	13.2	25.9	14.6	20.4	26.6	15.2	22.2	30.5	20.6	26.4

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.5	28.6	29.3	31.1	29.4	30.2	32.4	30.4	31.4	30.5	29.2	29.8
2	28.8	27.6	28.2	30.8	29.7	30.1	31.9	30.8	31.4	30.0	29.1	29.5
3	28.3	26.8	27.3	31.7	29.4	30.6	32.4	29.6	31.1	29.7	28.9	29.2
4	---	---	---	32.0	30.5	31.3	32.3	30.8	31.5	30.0	28.7	29.3
5	---	---	---	32.4	30.6	31.5	33.0	30.9	31.8	31.0	28.8	29.8
6	---	---	---	32.0	30.7	31.3	31.8	30.2	31.0	31.0	29.0	29.9
7	---	---	---	30.7	29.4	30.2	30.9	28.4	29.6	31.4	28.8	29.8
8	---	---	---	31.0	28.8	29.5	29.6	28.5	28.9	31.6	28.3	29.9
9	---	---	---	31.0	28.4	29.6	30.4	28.3	29.0	31.0	29.0	30.2
10	---	---	---	31.5	29.4	30.4	32.5	28.7	30.3	31.2	29.3	30.2
11	---	---	---	31.0	29.5	30.3	32.0	30.0	30.8	30.8	29.3	30.1
12	---	---	---	32.2	29.7	30.7	30.8	27.7	30.0	29.9	27.5	28.8
13	---	---	---	32.1	29.2	30.4	27.7	25.6	26.9	28.9	27.0	27.9
14	---	---	---	32.4	29.6	31.0	26.8	24.2	25.4	28.8	27.4	28.1
15	---	---	---	32.8	30.5	31.5	26.8	24.5	25.7	27.8	25.3	26.7
16	31.3	28.7	29.8	31.7	30.1	30.7	27.5	25.4	26.4	27.3	24.7	25.9
17	32.5	29.7	30.9	31.3	29.1	30.2	28.7	26.5	27.6	29.9	26.4	28.1
18	33.1	31.0	31.9	30.3	28.6	29.4	30.0	27.3	28.5	30.9	28.2	29.6
19	32.2	30.9	31.6	30.6	28.3	29.5	30.0	28.4	29.1	30.0	27.8	28.8
20	32.5	29.9	31.1	31.6	29.4	30.5	32.0	29.1	30.3	28.6	27.2	27.7
21	31.3	30.1	30.7	31.7	30.0	30.8	32.8	29.7	31.1	27.2	25.7	26.4
22	31.4	29.4	30.3	32.2	30.1	31.1	33.8	29.8	31.8	26.1	25.4	25.7
23	31.5	29.8	30.6	32.7	30.3	31.2	34.1	30.5	32.2	26.4	25.0	25.6
24	30.7	28.5	29.9	33.8	30.9	31.9	32.8	30.8	31.9	27.2	25.4	26.3
25	29.2	27.5	28.3	32.5	30.8	31.9	33.3	30.5	31.7	28.0	26.0	26.9
26	28.8	27.5	28.1	31.9	29.8	30.5	33.6	30.8	32.0	27.7	26.1	26.7
27	31.4	27.5	29.2	31.9	29.1	30.5	32.0	30.9	31.5	27.6	25.0	26.2
28	30.6	28.0	29.1	32.5	29.7	31.0	31.2	30.3	30.8	27.4	25.3	26.5
29	29.4	27.6	28.5	32.4	30.5	31.4	30.3	28.7	29.7	27.9	25.8	26.8
30	31.0	28.2	29.4	32.2	30.6	31.4	29.9	28.1	28.8	28.2	26.1	27.2
31	---	---	---	31.7	30.6	31.2	30.3	27.9	29.0	---	---	---
MONTH	---	---	---	33.8	28.3	30.7	34.1	24.2	29.9	31.6	24.7	28.1

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA

LOCATION.--Lat 29° 34'14", long 89° 42'14", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 8 miles east of Pointe a la Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1997 to September 1998. January 1999 to September 2002. April 5, 2004 to Sep. 30, 2004.

REVISED RECORDS.--WRD LA-02-1: 2002.

GAGE.--Water-stage recorder. Datum of gage is assumed. Prior to April 5, 2004 datum of gage was NAVD 88. Prior to October 1, 1998 datum of gage was 4.33 ft below NAVD 1988.

REMARKS.--Stage affected by wind and tide. Satellite telemetry at station. Gage destroyed September 24, 2002 by Tropical Storm Isadore. Gage reinstalled April 5, 2004.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.20 ft, July 18, 1997 ; minimum gage height, -1.46 ft, Apr. 13, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.72 ft, Sept. 15; minimum gage height, -1.46 ft, Apr. 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	FEBRUARY			MARCH			APRIL			MAY		
1										1.18	0.61	0.88
2										1.50	0.52	0.95
3										1.48	0.17	0.95
4										1.54	-0.25	0.89
5										1.32	-0.33	0.59
6							1.58	0.27	0.97	1.64	-0.45	0.76
7							1.43	-0.13	0.89	1.67	-0.29	0.75
8							1.24	-0.33	0.49	1.57	-0.36	0.68
9							2.07	-0.24	1.01	1.91	-0.24	0.97
10							1.80	-0.19	0.87	2.49	0.40	1.45
11							2.87	-0.02	1.58	2.46	0.72	1.57
12							1.81	0.18	0.87	2.08	0.94	1.55
13							0.20	-1.46	-0.91	2.14	1.05	1.60
14							0.00	-1.08	-0.42	2.23	1.51	1.93
15							0.46	-0.88	-0.16	2.20	1.24	1.75
16							0.59	-0.40	0.17	1.98	1.15	1.67
17							0.56	0.01	0.29	2.14	0.92	1.73
18							0.87	0.23	0.49	2.32	0.56	1.65
19							1.18	0.04	0.74	2.03	0.52	1.45
20							1.04	-0.01	0.53	1.95	0.35	1.29
21							1.53	-0.01	0.88	1.70	0.26	1.07
22							1.73	0.28	1.15	1.93	0.14	1.16
23							2.04	0.33	1.23	1.86	0.33	1.18
24							2.21	0.42	1.34	1.71	0.33	1.07
25							1.96	0.49	1.21	1.34	0.24	0.83
26							1.48	0.43	0.97	0.81	-0.07	0.45
27							1.69	0.53	1.08	0.48	-0.24	0.20
28							1.94	0.51	1.30	0.70	-0.09	0.33
29							1.92	0.84	1.37	0.63	0.30	0.42
30							2.00	0.89	1.37	1.15	0.17	0.71
31							---	---	---	1.03	-0.08	0.44
MONTH										2.49	-0.45	1.06

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.42	-0.01	0.88	2.19	-0.12	1.16	2.11	0.32	1.25	1.38	0.66	0.99
2	1.84	-0.51	0.72	---	---	---	1.92	0.03	0.88	1.36	0.65	1.03
3	1.52	-0.51	0.59	---	---	---	1.68	-0.11	0.81	1.68	1.08	1.37
4	1.71	-0.67	0.51	---	---	---	1.02	0.30	0.73	2.27	1.05	1.55
5	1.61	-0.72	0.62	---	---	---	0.48	0.09	0.27	2.19	0.55	1.33
6	1.60	-0.43	0.73	---	---	---	1.06	0.38	0.65	1.77	-0.11	0.89
7	1.92	0.19	1.08	---	---	---	2.15	1.06	1.60	0.88	-0.54	0.26
8	1.82	0.22	1.09	---	---	---	2.96	2.11	2.55	1.50	-0.14	0.66
9	1.42	0.62	1.10	---	---	---	2.18	0.59	1.43	1.89	0.21	1.12
10	1.19	0.74	0.99	---	---	---	1.61	-0.02	0.93	1.66	0.62	1.20
11	1.00	0.40	0.75	---	---	---	1.53	0.14	0.90	2.31	0.76	1.64
12	1.12	0.43	0.79	---	---	---	1.79	0.29	1.07	2.79	1.28	1.97
13	1.39	0.35	0.98	---	---	---	2.55	0.51	1.59	2.67	1.44	2.08
14	2.07	0.72	1.36	---	---	---	2.02	0.43	1.28	3.79	2.19	3.09
15	2.03	0.10	1.10	---	---	---	2.12	0.26	1.29	8.72	3.61	6.34
16	---	---	---	---	---	---	1.77	0.21	1.05	6.68	0.72	2.15
17	1.81	0.20	1.23	---	---	---	1.74	0.16	0.97	2.41	0.68	1.58
18	1.85	0.13	1.04	---	---	---	1.45	0.31	0.89	2.08	1.20	1.62
19	1.88	-0.06	0.86	---	---	---	1.25	0.59	0.93	2.82	0.79	1.83
20	1.76	-0.03	0.98	---	---	---	1.17	0.33	0.70	3.22	1.95	2.45
21	1.58	-0.09	0.87	---	---	---	1.15	0.09	0.66	3.44	1.83	2.77
22	1.19	0.10	0.69	---	---	---	1.41	0.05	0.71	4.00	2.22	3.33
23	1.00	-0.10	0.55	---	---	---	1.44	-0.12	0.74	4.07	1.85	3.11
24	1.15	0.03	0.63	---	---	---	1.61	-0.18	0.75	2.53	0.84	1.96
25	1.00	-0.13	0.50	---	---	---	1.61	-0.27	0.77	2.51	0.78	1.72
26	1.04	0.17	0.60	---	---	---	1.71	0.07	0.89	2.19	0.77	1.60
27	1.21	-0.05	0.71	---	---	---	2.03	0.21	1.19	1.39	0.26	0.97
28	1.56	-0.01	0.89	1.87	-0.28	0.90	2.10	0.15	1.18	1.31	0.26	0.81
29	1.81	0.20	1.16	1.87	-0.36	0.85	1.94	0.15	1.09	1.26	0.69	1.01
30	1.88	0.05	1.00	2.14	-0.36	1.10	1.71	0.18	1.05	1.72	0.63	1.11
31	---	---	---	2.31	0.24	1.38	1.55	0.38	1.02	---	---	---
MONTH	---	---	---	---	---	---	2.96	-0.27	1.03	8.72	-0.54	1.78

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to September 2002, April 2004 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to September 2002, April 2004 to current year.

SALINITY: April 2004 to current year.

WATER TEMPERATURE: May 1997 to September 2002, April 2004 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for June 16-July 27 when records good.

SALINITY: Records excellent except for June 16-July 27 when records good.

TEMPERATURE: Records good except for June 16-July 27 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 38,000 microsiemens/cm, June 6, 2001; minimum, 2,300 microsiemens/cm, April 15, 2004.

SALINITY: Maximum, 14.2 ppt, June 14, 2004; minimum, 1.2 ppt, April 15, 2004.

WATER TEMPERATURE: Maximum, 34.6° C, Aug. 19, 2000; minimum, 2.9° C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 23,400 microsiemens/cm, June 14; minimum, 2,300 microsiemens/cm, Apr. 15.

SALINITY: Maximum, 14.2 ppt, June 14; minimum, 1.2 ppt, Apr. 15.

WATER TEMPERATURE: Maximum, 34.1° C, Aug. 4; minimum, 15.1° C, Apr. 14.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										4,880	3,520	4,250
2										3,540	2,940	3,360
3										3,250	2,920	3,060
4										3,360	2,710	3,020
5										3,360	2,740	3,000
6							5,340	3,620	4,480	3,620	2,730	3,050
7							4,990	3,750	4,180	4,050	2,710	3,230
8							3,990	3,230	3,690	4,170	2,770	3,370
9							5,420	3,090	3,950	4,980	2,860	3,780
10							5,060	3,420	4,110	4,620	3,320	4,010
11							8,000	3,150	4,990	5,180	3,820	4,340
12							6,210	3,570	3,990	4,860	4,060	4,390
13							3,700	2,620	3,170	4,690	4,000	4,400
14							2,880	2,560	2,720	5,190	4,400	4,760
15							3,100	2,300	2,630	5,140	3,850	4,590
16							3,560	2,520	3,030	4,690	3,850	4,270
17							3,680	3,230	3,460	4,700	3,610	4,220
18							4,890	3,410	3,910	4,530	3,590	4,000
19							6,860	3,860	5,110	4,280	3,560	3,860
20							6,550	3,540	4,600	4,160	3,460	3,770
21							7,530	3,590	5,390	3,980	3,320	3,600
22							7,840	4,020	6,370	4,060	3,210	3,560
23							7,330	4,740	6,320	4,060	3,170	3,560
24							7,100	5,530	6,450	3,940	3,140	3,480
25							6,940	5,840	6,400	3,660	3,090	3,310
26							6,220	5,330	5,610	3,210	2,880	3,040
27							6,450	5,210	5,750	3,060	2,720	2,860
28							6,620	5,140	5,950	3,060	2,440	2,750
29							6,600	5,830	6,300	3,150	2,470	2,790
30							6,400	4,880	5,550	4,800	2,810	3,780
31							---	---	---	3,670	2,820	2,980
MONTH										5,190	2,440	3,630

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14,600	2,820	8,620	16,400	7,900	12,300	12,700	8,870	11,000	13,300	11,500	12,400
2	18,700	3,170	9,900	---	---	---	12,200	8,890	10,400	13,200	11,500	12,400
3	12,700	2,900	6,570	---	---	---	11,900	8,730	10,200	13,900	12,800	13,500
4	16,700	2,810	7,490	---	---	---	10,400	9,180	9,660	15,600	13,100	14,200
5	18,700	3,040	9,510	---	---	---	10,300	7,980	8,790	15,500	11,400	13,700
6	17,100	3,750	9,980	---	---	---	9,150	8,060	8,480	13,900	9,870	11,700
7	20,000	5,650	12,900	---	---	---	13,100	9,150	12,100	9,990	8,420	9,100
8	20,000	7,600	14,000	---	---	---	15,800	13,000	15,000	10,000	7,720	8,990
9	18,300	9,900	15,000	---	---	---	15,800	10,700	13,300	13,500	8,660	11,400
10	17,300	12,800	15,400	---	---	---	12,200	9,430	10,900	13,800	10,400	12,600
11	12,800	10,500	11,300	---	---	---	11,600	9,410	10,500	14,800	11,400	13,700
12	15,900	10,100	12,300	---	---	---	12,000	9,360	10,600	16,300	13,600	15,000
13	19,700	9,680	14,400	---	---	---	15,400	9,580	12,500	17,200	14,100	15,800
14	23,400	10,000	17,800	---	---	---	14,000	10,800	12,200	20,200	17,100	18,400
15	19,400	9,070	14,200	---	---	---	14,500	10,900	12,700	22,400	20,100	21,300
16	---	---	---	---	---	---	14,000	11,100	12,500	21,500	17,300	18,500
17	21,000	11,000	17,500	---	---	---	13,900	10,800	12,200	17,900	16,700	17,200
18	20,900	10,300	15,400	---	---	---	13,200	11,000	11,900	17,300	16,700	17,000
19	17,700	9,360	13,100	---	---	---	12,800	11,500	12,000	18,400	16,100	17,100
20	18,400	8,490	13,300	---	---	---	12,300	10,600	11,400	19,900	17,100	18,400
21	16,000	8,570	12,500	---	---	---	11,600	9,720	10,700	19,300	17,700	18,500
22	15,100	8,670	11,700	---	---	---	11,400	9,650	10,400	20,300	18,100	19,300
23	12,300	8,000	10,300	---	---	---	11,700	9,740	10,700	19,700	18,400	19,100
24	14,500	7,870	11,000	---	---	---	12,800	9,920	11,300	18,900	17,800	18,400
25	12,300	7,100	8,980	---	---	---	12,900	10,000	11,700	18,800	17,700	18,100
26	10,400	7,070	8,110	---	---	---	13,500	10,100	12,100	18,400	17,200	18,000
27	11,000	6,750	9,180	---	---	---	14,400	10,600	13,000	17,200	16,300	16,700
28	13,200	6,700	10,300	11,900	6,740	9,400	15,200	11,400	13,400	16,400	15,600	16,300
29	14,000	6,770	11,500	12,100	6,480	9,510	14,900	11,600	13,200	16,300	15,500	15,900
30	14,500	7,680	11,600	12,700	6,350	9,830	14,400	11,600	12,900	16,200	15,300	15,900
31	---	---	---	13,200	7,660	10,900	13,900	11,400	12,500	---	---	---
MONTH	23,400	2,810	11,900	---	---	---	15,800	7,980	11,600	22,400	7,720	15,600

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										2.6	1.8	2.3
2										1.9	1.5	1.8
3										1.7	1.5	1.6
4										1.8	1.4	1.6
5										1.8	1.4	1.6
6							2.9	1.9	2.4	1.9	1.4	1.6
7							2.7	2.0	2.2	2.1	1.4	1.7
8							2.1	1.7	1.9	2.2	1.4	1.8
9							2.9	1.6	2.1	2.7	1.5	2.0
10							2.7	1.8	2.2	2.5	1.7	2.1
11							4.4	1.6	2.7	2.8	2.0	2.3
12							3.4	1.9	2.1	2.6	2.1	2.3
13							1.9	1.3	1.6	2.5	2.1	2.3
14							1.5	1.3	1.4	2.8	2.3	2.5
15							1.6	1.2	1.4	2.8	2.0	2.4
16							1.9	1.3	1.6	2.5	2.0	2.3
17							1.9	1.7	1.8	2.5	1.9	2.2
18							2.6	1.8	2.1	2.4	1.9	2.1
19							3.8	2.0	2.7	2.3	1.9	2.0
20							3.6	1.9	2.5	2.2	1.8	2.0
21							4.1	1.9	2.9	2.1	1.7	1.9
22							4.3	2.1	3.5	2.1	1.7	1.9
23							4.0	2.5	3.4	2.1	1.6	1.9
24							3.9	3.0	3.5	2.1	1.6	1.8
25							3.8	3.2	3.5	1.9	1.6	1.7
26							3.4	2.9	3.0	1.7	1.5	1.6
27							3.5	2.8	3.1	1.6	1.4	1.5
28							3.6	2.8	3.2	1.6	1.3	1.4
29							3.6	3.2	3.4	1.6	1.3	1.4
30							3.5	2.6	3.0	2.6	1.5	2.0
31							---	---	---	1.9	1.5	1.5
MONTH										2.8	1.3	1.9
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.5	1.5	4.9	9.6	4.4	7.0	7.3	4.9	6.2	7.6	6.5	7.1
2	11.1	1.6	5.6	---	---	---	7.0	5.0	5.8	7.6	6.5	7.1
3	7.3	1.5	3.6	---	---	---	6.8	4.9	5.7	8.0	7.4	7.7
4	9.8	1.5	4.2	---	---	---	5.9	5.1	5.4	9.1	7.5	8.2
5	11.1	1.6	5.4	---	---	---	5.8	4.4	4.9	9.0	6.5	7.9
6	10.1	2.0	5.7	---	---	---	5.1	4.5	4.7	8.0	5.5	6.7
7	11.9	3.0	7.5	---	---	---	7.5	5.1	6.9	5.6	4.7	5.1
8	11.9	4.2	8.1	---	---	---	9.2	7.5	8.7	5.6	4.3	5.0
9	10.8	5.6	8.7	---	---	---	9.2	6.1	7.7	7.8	4.8	6.5
10	10.2	7.4	9.0	---	---	---	7.0	5.3	6.2	7.9	5.9	7.2
11	7.4	6.0	6.4	---	---	---	6.6	5.3	5.9	8.6	6.5	7.9
12	9.3	5.7	7.1	---	---	---	6.8	5.2	6.0	9.5	7.8	8.7
13	11.7	5.4	8.4	---	---	---	9.0	5.4	7.2	10.1	8.1	9.2
14	14.2	5.6	10.5	---	---	---	8.1	6.1	7.0	12.0	10.1	10.9
15	11.5	5.1	8.3	---	---	---	8.4	6.2	7.3	13.5	12.0	12.8
16	---	---	---	---	---	---	8.1	6.3	7.1	12.9	10.2	10.9
17	12.6	6.2	10.3	---	---	---	8.0	6.1	7.0	10.5	9.8	10.1
18	12.5	5.8	9.0	---	---	---	7.6	6.2	6.8	10.2	9.8	10.0
19	10.4	5.2	7.6	---	---	---	7.4	6.5	6.8	10.9	9.4	10.1
20	10.9	4.7	7.7	---	---	---	7.0	6.0	6.5	11.8	10.1	10.9
21	9.3	4.8	7.2	---	---	---	6.6	5.5	6.0	11.5	10.4	10.9
22	8.8	4.8	6.7	---	---	---	6.5	5.4	5.9	12.1	10.7	11.5
23	7.0	4.4	5.8	---	---	---	6.6	5.5	6.1	11.7	10.9	11.3
24	8.4	4.3	6.2	---	---	---	7.4	5.6	6.4	11.2	10.5	10.9
25	7.0	3.9	5.0	---	---	---	7.4	5.6	6.7	11.1	10.4	10.7
26	5.9	3.9	4.5	---	---	---	7.8	5.7	6.9	10.9	10.1	10.6
27	6.2	3.7	5.1	---	---	---	8.3	6.0	7.5	10.1	9.5	9.8
28	7.6	3.7	5.8	6.8	3.7	5.3	8.9	6.5	7.7	9.6	9.1	9.5
29	8.1	3.7	6.6	6.9	3.5	5.3	8.7	6.6	7.6	9.5	9.0	9.2
30	8.4	4.2	6.6	7.3	3.5	5.5	8.3	6.6	7.4	9.4	8.9	9.2
31	---	---	---	7.6	4.2	6.2	8.0	6.5	7.2	---	---	---
MONTH	14.2	1.5	6.8	---	---	---	9.2	4.4	6.6	13.5	4.3	9.1

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										24.1	21.1	22.4
2										23.2	22.0	22.5
3										22.6	20.1	21.4
4										23.3	19.7	21.6
5										24.4	21.2	23.1
6							22.0	19.6	21.0	25.6	22.4	24.2
7							22.6	20.8	21.6	26.6	23.9	25.3
8							24.9	21.6	23.1	27.6	24.9	26.3
9							24.9	22.3	23.8	27.8	26.1	27.0
10							26.3	23.7	25.0	27.3	25.7	26.6
11							25.6	22.4	23.6	26.7	25.8	26.2
12							22.8	20.5	21.7	27.0	25.1	26.1
13							20.5	16.2	17.4	26.8	25.0	26.0
14							20.9	15.1	18.0	26.8	25.6	26.3
15							21.0	17.4	19.1	26.0	24.5	25.3
16							22.6	19.3	21.1	27.0	24.0	25.5
17							24.2	20.4	22.2	27.1	25.3	26.2
18							24.6	21.2	23.0	27.4	25.4	26.4
19							25.1	21.6	23.4	28.7	26.0	27.4
20							24.7	22.3	23.6	29.2	26.7	28.0
21							24.7	22.2	23.6	29.9	27.4	28.7
22							25.6	22.5	24.1	30.0	28.0	29.1
23							26.2	23.9	25.2	29.5	27.8	28.8
24							26.4	24.5	25.6	29.9	27.6	28.8
25							26.2	25.2	25.8	30.2	28.1	29.2
26							26.0	24.6	25.3	30.1	28.2	29.1
27							25.2	22.6	24.0	29.9	27.7	28.8
28							24.1	21.8	23.2	30.0	27.7	28.8
29							23.2	22.1	22.7	30.4	28.2	29.3
30							23.1	21.4	22.0	30.1	27.7	28.8
31							---	---	---	30.0	27.6	28.7
MONTH										30.4	19.7	26.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.9	27.7	28.8	30.4	28.4	29.5	32.5	29.9	31.2	31.4	28.6	30.0
2	29.3	27.0	27.9	---	---	---	32.5	30.8	31.6	32.0	29.6	30.6
3	28.7	26.1	27.5	---	---	---	32.9	30.4	31.9	31.1	29.5	30.3
4	28.7	26.3	27.5	---	---	---	34.1	30.9	32.2	29.5	28.9	29.2
5	28.9	26.8	27.9	---	---	---	33.5	31.1	32.2	30.6	28.4	29.4
6	29.9	26.8	28.1	---	---	---	32.7	29.4	31.2	30.4	28.7	29.6
7	29.7	26.9	28.3	---	---	---	31.0	28.1	29.2	31.0	27.9	29.5
8	30.0	28.4	29.3	---	---	---	28.9	28.0	28.4	30.7	28.2	29.2
9	31.0	28.6	29.9	---	---	---	30.3	27.7	28.8	31.0	28.5	29.6
10	31.7	29.3	30.5	---	---	---	32.0	29.0	30.5	31.2	28.7	29.8
11	32.7	29.8	30.9	---	---	---	31.8	29.5	30.5	30.4	28.8	29.5
12	32.4	29.8	31.0	---	---	---	31.1	29.2	30.0	29.6	27.6	28.4
13	31.7	29.9	30.7	---	---	---	29.5	26.0	26.9	28.7	26.9	27.8
14	29.9	28.7	29.2	---	---	---	26.1	23.8	25.1	28.6	27.2	27.9
15	30.3	27.7	29.1	---	---	---	26.4	23.8	25.2	27.8	25.8	26.9
16	---	---	---	---	---	---	27.0	24.8	26.0	27.4	24.9	26.1
17	32.8	29.1	30.9	---	---	---	28.6	26.1	27.3	29.4	26.7	28.0
18	32.7	29.8	31.3	---	---	---	29.8	27.2	28.5	30.4	28.3	29.4
19	31.7	30.1	30.7	---	---	---	30.7	28.1	29.4	29.7	27.4	28.4
20	32.1	28.8	30.4	---	---	---	31.7	28.9	30.2	27.9	26.3	27.3
21	30.9	29.5	30.1	---	---	---	31.9	29.7	30.5	26.7	25.5	26.0
22	31.5	28.7	30.0	---	---	---	32.3	29.6	30.8	25.8	25.0	25.2
23	31.8	29.5	30.6	---	---	---	32.9	30.2	31.5	26.4	24.8	25.5
24	30.6	28.7	29.8	---	---	---	32.7	30.9	31.7	27.4	25.5	26.4
25	29.5	27.8	28.7	---	---	---	32.8	30.5	31.5	27.9	26.2	27.1
26	29.2	27.4	28.3	---	---	---	32.8	30.3	31.6	27.4	25.8	26.7
27	30.7	27.5	28.9	---	---	---	32.8	30.3	31.5	28.2	25.6	26.7
28	30.3	29.0	29.6	31.7	28.9	30.5	31.7	30.0	30.8	28.1	26.1	27.0
29	29.8	28.3	29.0	31.4	29.8	30.6	30.6	29.1	29.9	28.0	25.9	27.1
30	30.3	27.8	29.2	31.7	29.4	30.5	30.1	28.2	29.1	28.9	26.6	27.6
31	---	---	---	32.0	29.8	30.9	30.8	27.7	29.0	---	---	---
MONTH	32.8	26.1	29.5	---	---	---	34.1	23.8	29.8	32.0	24.8	28.1

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

LOCATION.--Lat 29° 38'12", long 89° 33'49", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 13 miles northeast of Pointe a la Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 1992 to September 1998. December 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.70 ft below NAVD 88. Prior to Sept. 18, 2001, datum of gage was NGVD 1929. Prior to Oct. 1, 1995, datum of gage was 8.45 ft below NGVD of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.08 ft, Sep. 15, 2004; minimum gage height, -3.01 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.08 ft, Sept. 15; minimum gage height, -2.01 ft, Feb. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.08	1.62	2.28	2.75	1.13	1.87	0.95	0.32	0.65	1.48	0.31	0.92
2	3.15	1.02	2.15	2.21	1.14	1.71	1.25	0.63	0.88	1.57	0.06	0.86
3	3.14	1.04	2.04	1.80	1.23	1.58	1.80	0.86	1.26	1.69	-0.08	0.84
4	2.57	0.98	1.82	2.70	1.72	2.39	1.81	0.67	1.29	1.92	-0.04	0.98
5	2.23	0.82	1.61	2.68	1.47	1.75	1.53	0.43	0.85	1.66	-0.23	0.80
6	2.23	1.18	1.72	1.68	0.69	1.33	1.20	-0.18	0.52	2.15	-0.08	0.90
7	2.34	1.49	1.94	1.84	0.98	1.52	1.52	-0.61	0.49	2.07	0.70	1.22
8	2.16	1.56	1.84	2.20	1.11	1.64	1.99	-0.25	0.81	2.21	0.03	0.98
9	2.22	1.82	2.02	2.66	0.95	1.62	2.56	0.17	1.34	2.21	-0.15	0.80
10	2.66	1.90	2.31	2.66	1.36	1.87	2.12	-1.80	-0.10	1.71	-0.20	0.70
11	3.22	1.49	2.35	2.48	0.51	1.48	1.72	0.02	0.70	1.71	-0.19	0.65
12	3.22	1.76	2.36	2.48	0.44	1.38	2.44	0.20	1.13	1.02	-0.16	0.49
13	3.02	1.47	2.15	2.74	0.96	1.53	2.52	0.91	1.50	0.95	0.11	0.62
14	2.46	0.44	1.58	3.09	0.91	1.97	1.60	-0.03	0.73	0.88	0.31	0.58
15	2.58	1.23	1.84	2.40	0.69	1.52	1.67	0.30	1.01	1.10	0.09	0.52
16	2.06	0.95	1.49	2.53	0.80	1.72	1.54	-0.54	0.68	1.90	-0.06	1.07
17	2.21	0.72	1.44	2.40	1.07	1.76	0.42	-0.72	-0.10	2.27	0.56	1.41
18	2.23	1.16	1.77	2.85	1.12	1.99	0.48	-0.47	-0.07	1.62	-0.01	0.89
19	2.60	1.05	1.83	1.12	-0.59	0.05	0.61	-0.80	-0.01	1.60	-1.75	-0.08
20	2.22	0.86	1.62	1.28	0.78	1.06	1.25	-0.81	0.30	1.58	-0.52	0.59
21	1.80	0.66	1.34	1.69	0.34	1.05	1.80	-0.70	0.53	1.71	-0.74	0.42
22	1.06	0.50	0.80	2.23	0.03	1.12	2.19	-0.59	0.73	1.69	-0.75	0.36
23	1.92	0.55	1.27	2.59	0.33	1.49	2.13	-0.26	0.72	1.37	-0.51	0.43
24	1.74	0.91	1.44	2.60	-0.98	0.69	2.07	-0.69	0.34	1.42	-0.46	0.53
25	2.38	0.59	1.48	2.65	0.21	1.43	2.15	-0.09	0.99	1.61	0.32	0.97
26	2.38	0.41	1.51	2.84	0.21	1.40	2.00	-0.34	0.76	1.37	0.74	1.13
27	2.85	0.60	1.59	2.92	0.16	1.58	1.81	0.02	0.95	1.08	-1.05	-0.27
28	2.85	0.56	1.69	2.56	-1.53	0.04	1.91	0.31	1.18	0.80	-0.64	0.30
29	2.61	0.35	1.47	1.35	-0.28	0.51	2.04	-0.08	1.18	1.28	-0.54	0.43
30	2.76	0.29	1.51	1.01	-0.12	0.45	1.55	0.01	1.22	1.72	0.22	0.94
31	2.58	0.82	1.74	---	---	---	1.50	0.79	1.14	3.05	0.53	1.73
MONTH	3.22	0.29	1.74	3.09	-1.53	1.38	2.56	-1.80	0.76	3.05	-1.75	0.73

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

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.23	1.72	2.54	2.08	0.55	1.40	1.25	0.40	0.89	1.62	0.74	1.25
2	2.64	0.65	1.48	1.94	0.29	1.22	1.03	-0.31	0.53	1.57	0.53	1.07
3	1.59	-0.75	0.48	2.04	0.33	1.25	0.91	0.32	0.54	1.57	0.19	1.05
4	2.83	0.52	1.44	2.13	0.65	1.45	0.98	0.19	0.48	1.80	-0.10	1.04
5	2.83	0.57	1.55	2.01	0.48	1.35	1.83	0.37	1.17	1.66	-0.43	0.81
6	2.25	-0.29	0.62	1.88	0.05	0.88	1.70	0.48	1.10	2.08	-0.43	0.99
7	1.06	-0.88	-0.26	1.13	-0.27	0.39	1.66	-0.13	1.07	2.19	-0.32	0.96
8	0.88	0.04	0.35	0.98	-0.20	0.52	1.56	-0.14	0.80	2.19	-0.37	0.95
9	1.12	-0.04	0.61	0.32	-0.81	-0.08	2.33	-0.13	1.24	2.46	-0.21	1.26
10	1.20	0.40	0.82	1.59	-0.70	0.65	2.03	-0.08	1.06	2.92	0.35	1.62
11	2.04	0.64	1.39	1.08	-0.43	0.32	3.22	-0.07	1.68	2.68	0.69	1.69
12	1.36	0.40	0.96	1.42	-0.57	0.45	1.90	0.22	1.11	2.33	0.90	1.72
13	1.87	0.58	1.18	2.23	-0.51	0.94	0.27	-1.80	-0.84	2.50	1.03	1.79
14	2.55	0.22	1.44	2.29	-0.20	1.07	0.32	-1.01	-0.15	2.50	1.58	2.02
15	0.93	-2.01	-0.59	2.09	-0.06	1.10	0.66	-0.83	0.11	2.30	1.26	1.85
16	1.37	-0.58	0.41	1.91	-0.13	0.97	0.82	-0.22	0.39	2.28	1.14	1.81
17	1.45	-0.91	0.35	1.65	0.50	1.18	0.82	0.20	0.44	2.22	0.89	1.81
18	1.05	-0.81	0.15	1.48	0.01	0.82	0.95	0.33	0.63	2.51	0.56	1.74
19	1.66	-1.01	0.28	1.48	0.17	0.87	1.30	0.17	0.88	2.34	0.50	1.59
20	1.74	-0.23	0.86	1.45	0.48	0.92	1.31	0.13	0.77	2.27	0.30	1.46
21	1.74	0.01	0.95	1.12	0.18	0.71	1.92	0.30	1.16	2.10	0.30	1.30
22	1.73	0.99	1.23	2.31	0.67	1.53	2.06	0.45	1.36	2.38	0.30	1.43
23	3.19	0.87	1.87	2.15	0.99	1.68	2.13	0.43	1.35	2.35	0.47	1.45
24	2.84	1.69	2.09	2.11	0.99	1.48	2.42	0.44	1.46	2.20	0.44	1.34
25	2.20	1.01	1.80	2.38	0.82	1.71	2.48	0.59	1.40	1.82	0.34	1.11
26	1.92	0.46	1.12	2.32	0.55	1.49	1.73	0.37	1.15	1.37	0.04	0.77
27	1.27	0.19	0.68	2.21	0.57	1.46	1.96	0.41	1.22	1.02	0.01	0.61
28	1.63	0.13	0.88	2.10	0.72	1.38	2.12	0.53	1.44	1.23	0.13	0.71
29	2.23	0.20	1.20	1.91	0.40	1.12	2.21	0.85	1.52	1.18	0.51	0.79
30	---	---	---	1.89	0.00	0.98	2.11	0.78	1.54	1.65	0.49	1.10
31	---	---	---	1.10	-0.05	0.31	---	---	---	1.53	-0.01	0.86
MONTH	3.23	-2.01	0.96	2.38	-0.81	1.02	3.22	-1.80	0.92	2.92	-0.43	1.29
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.92	0.21	1.17	2.47	-0.23	1.30	2.26	0.06	1.33	1.49	0.81	1.13
2	2.05	-0.43	0.97	2.49	-0.13	1.29	2.15	0.02	0.99	1.54	0.75	1.18
3	1.95	-0.78	0.88	2.40	-0.11	1.33	1.77	-0.05	0.91	1.88	1.11	1.48
4	2.16	-0.78	0.78	2.32	-0.01	1.14	1.21	0.40	0.88	2.37	1.03	1.61
5	2.22	-0.81	0.90	2.00	0.02	1.07	0.68	0.33	0.49	2.27	0.58	1.34
6	2.21	-0.41	1.01	1.56	0.13	0.89	1.17	0.59	0.79	1.86	-0.19	0.91
7	2.34	0.21	1.34	1.35	0.29	0.93	2.19	1.17	1.63	1.07	-0.54	0.33
8	2.15	0.35	1.31	1.46	0.77	1.03	2.99	1.85	2.41	1.66	-0.04	0.79
9	1.80	0.69	1.33	1.96	0.67	1.16	2.24	0.65	1.50	1.92	0.55	1.20
10	1.52	1.00	1.29	1.46	0.36	1.01	1.83	0.15	1.05	1.73	0.59	1.22
11	1.34	0.73	1.10	1.72	0.34	1.13	1.69	0.24	1.04	2.36	0.93	1.64
12	1.44	0.68	1.09	1.26	-0.07	0.75	1.94	0.00	1.11	2.66	1.35	1.96
13	1.74	0.47	1.21	1.75	-0.01	0.96	2.56	0.36	1.53	2.64	1.50	2.06
14	2.40	0.93	1.59	1.88	-0.20	0.80	2.09	0.32	1.26	3.46	2.15	2.93
15	2.23	0.23	1.30	1.54	-0.67	0.68	2.17	0.18	1.29	8.08	3.33	5.86
16	2.38	0.19	1.41	1.55	-0.47	0.56	1.87	0.18	1.10	6.09	0.16	1.89
17	2.19	0.32	1.36	1.26	-0.63	0.48	1.83	0.21	1.05	2.56	0.55	1.61
18	2.26	0.07	1.30	1.03	-0.63	0.23	1.55	0.41	1.01	2.25	1.14	1.66
19	2.22	0.02	1.08	2.06	-0.39	1.04	1.38	0.72	1.08	2.84	0.51	1.75
20	2.33	0.02	1.26	1.71	-0.01	0.95	1.31	0.63	0.91	3.29	1.71	2.32
21	2.01	0.06	1.11	1.50	0.27	0.95	1.36	0.27	0.82	3.40	1.67	2.47
22	1.72	0.11	0.97	1.29	0.24	0.80	1.64	0.19	0.90	4.03	2.38	3.17
23	1.47	0.06	0.87	0.97	0.44	0.76	1.66	-0.01	0.89	4.04	1.55	2.91
24	1.60	0.07	0.87	1.30	0.62	0.94	1.82	-0.10	0.88	2.59	0.78	1.91
25	1.34	0.03	0.81	1.24	0.15	0.74	1.84	-0.31	0.87	2.61	0.77	1.75
26	1.30	0.47	0.85	1.73	-0.13	0.89	1.91	0.08	1.01	2.19	0.71	1.60
27	1.48	0.30	0.99	1.91	-0.12	0.94	2.16	0.18	1.27	1.53	0.44	1.08
28	1.86	0.04	1.06	2.05	-0.23	0.97	2.17	0.09	1.26	1.45	0.48	0.97
29	2.17	0.28	1.34	2.08	-0.41	0.95	2.12	0.18	1.20	1.35	0.84	1.12
30	2.18	0.06	1.23	2.31	-0.09	1.23	1.89	0.23	1.16	2.00	0.64	1.23
31	---	---	---	2.47	0.27	1.48	1.71	0.43	1.16	---	---	---
MONTH	2.40	-0.81	1.13	2.49	-0.67	0.95	2.99	-0.31	1.12	8.08	-0.54	1.77

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.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: June 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Nov. 8-11, Dec. 4-8, Jan. 3-Feb. 2, April 13-June 15, June 21-30, and Sept. 1-21 when records good.

SALINITY: Records excellent except for Nov. 8-11, Dec. 4-8, Jan. 3-Feb. 2, April 13-June 15, June 21-30, and Sept. 1-21 when records good.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 44,600 microsiemens, Oct. 8, 1999; minimum, 291 microsiemens, Mar. 3, 1994.

SALINITY: Maximum, 22.4 ppt, Sept. 15, 2004; minimum, 0.9 ppt, April 10, 2003.

WATER TEMPERATURE: Maximum, 33.6° C, Aug. 2, 1999; minimum, 2.1° C Jan. 18, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 35,600 microsiemens/cm, Sept. 15; minimum, 2,790 microsiemens/cm, Feb. 15.

SALINITY: Maximum, 22.4 ppt, Sept. 15; minimum, 1.4 ppt, Feb. 15.

WATER TEMPERATURE: Maximum, 32.8° C, July 24; minimum, 9.2° C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24,600	21,800	23,200	27,600	25,200	26,400	24,000	21,200	22,800	26,500	22,600	25,200
2	26,100	22,100	23,800	26,900	24,100	25,700	26,200	22,400	24,100	26,300	21,100	24,000
3	26,100	21,700	23,800	25,600	22,500	24,400	29,500	25,100	26,600	25,400	19,400	22,500
4	23,700	21,700	22,700	29,400	23,600	27,200	31,900	23,700	29,100	25,200	19,900	22,300
5	22,600	20,500	21,900	29,400	26,900	27,700	31,300	23,900	27,200	25,000	19,000	21,500
6	22,300	20,700	21,800	28,000	19,400	24,500	31,200	19,900	26,300	27,900	21,300	24,100
7	22,600	20,900	22,100	26,500	23,500	25,200	31,100	19,900	27,100	27,900	24,300	26,500
8	22,300	20,900	22,000	28,400	24,500	25,900	31,800	24,800	29,600	27,500	23,100	25,400
9	22,500	21,200	22,100	30,100	25,600	27,500	32,100	28,300	30,600	28,000	19,800	24,300
10	22,400	20,300	21,300	30,700	27,800	29,100	31,800	15,600	23,300	29,300	21,000	26,000
11	22,900	19,200	21,200	30,200	24,800	27,300	29,200	23,200	25,400	31,300	20,500	25,700
12	23,000	20,400	21,700	29,100	23,400	26,400	31,400	25,400	28,500	26,900	20,100	24,000
13	22,500	19,400	21,000	29,600	23,000	25,400	31,300	28,000	29,900	28,900	23,500	26,700
14	21,500	18,400	19,900	34,600	26,900	30,600	30,000	19,900	25,100	31,600	28,900	29,900
15	22,600	20,100	21,000	30,500	24,600	27,300	29,600	24,700	27,800	32,300	31,000	31,800
16	20,900	18,500	19,700	30,100	25,100	27,600	28,200	16,700	24,200	32,200	24,900	30,200
17	20,800	17,400	19,400	29,900	25,800	27,900	21,900	12,100	16,200	31,800	30,800	31,300
18	23,500	19,600	22,200	32,500	24,700	28,700	21,500	15,000	18,200	30,800	23,700	26,800
19	25,400	21,100	23,100	24,700	15,700	19,300	22,300	13,800	19,000	28,500	10,600	19,200
20	25,900	19,700	23,000	27,200	22,800	24,500	23,900	17,100	20,300	29,200	21,100	26,100
21	27,100	19,200	24,300	27,400	22,700	25,300	26,400	19,800	22,600	28,200	18,600	24,300
22	25,400	19,300	22,600	29,200	23,400	25,900	27,200	20,900	24,000	28,200	18,000	22,800
23	25,900	20,100	23,100	29,700	25,000	27,200	27,400	22,300	24,100	25,500	19,000	21,800
24	22,800	21,500	22,200	29,900	19,600	24,600	26,700	16,900	21,000	24,900	19,000	21,900
25	23,700	21,300	22,000	31,400	26,600	29,000	27,700	22,900	25,500	24,600	19,100	21,800
26	24,400	20,800	22,600	31,100	27,200	29,200	27,700	21,700	25,000	23,000	21,100	22,600
27	27,000	21,000	23,500	30,500	27,300	29,000	27,400	23,600	25,700	21,400	9,140	13,700
28	27,300	21,800	24,800	29,700	16,600	22,500	27,500	24,500	26,500	24,400	12,000	20,600
29	26,400	20,500	23,400	26,700	19,200	23,400	27,500	20,300	25,900	26,100	15,400	22,500
30	27,000	21,000	23,800	25,200	17,700	21,900	27,100	19,600	25,400	28,100	23,500	25,700
31	26,100	22,400	24,200	---	---	---	27,000	25,100	26,200	34,600	25,200	29,000
MONTH	27,300	17,400	22,400	34,600	15,700	26,200	32,100	12,100	24,900	34,600	9,140	24,500

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	34,700	32,200	33,800	23,300	20,300	21,800	14,300	11,500	13,100	7,930	5,740	6,870
2	34,200	28,700	30,900	22,100	17,200	19,400	13,100	7,380	10,200	6,490	4,420	5,540
3	30,000	18,600	23,400	21,000	15,300	18,100	11,600	6,950	9,230	6,830	4,550	5,830
4	32,500	23,400	27,400	21,200	17,000	18,800	10,800	6,500	8,010	7,660	5,210	6,330
5	32,500	25,600	29,100	21,200	13,900	16,600	15,000	7,070	12,400	6,680	4,870	5,770
6	29,400	15,300	20,900	16,600	11,200	13,100	14,500	11,500	13,000	8,200	4,460	5,900
7	19,400	8,680	12,500	12,800	6,710	8,860	13,500	8,590	12,600	7,770	4,880	5,870
8	22,800	11,600	16,800	11,000	6,840	9,500	11,300	7,460	9,090	7,510	4,800	5,910
9	23,700	16,200	21,000	7,570	4,260	6,100	13,700	7,330	10,900	8,600	5,210	6,740
10	24,900	20,300	22,800	11,200	6,340	9,270	13,200	7,750	10,600	9,310	5,640	7,400
11	28,600	21,400	26,000	11,000	9,980	10,400	15,300	7,570	11,700	9,250	6,930	8,080
12	25,500	20,800	23,600	11,400	9,080	9,930	14,500	7,570	11,400	8,930	6,640	7,810
13	27,800	18,800	23,800	14,000	9,760	11,500	7,570	2,900	4,290	7,760	6,060	6,610
14	27,800	20,100	26,200	14,500	11,500	13,000	9,680	3,030	5,590	9,160	6,840	8,010
15	20,100	2,810	8,140	15,900	12,900	14,100	10,400	3,210	6,990	9,570	6,680	7,850
16	23,700	5,400	14,400	18,900	13,500	15,600	10,800	5,340	8,670	7,490	6,370	7,140
17	24,100	10,000	17,400	18,500	15,600	17,200	10,400	7,140	8,710	7,640	5,920	7,140
18	24,100	9,960	15,700	17,700	13,800	14,700	9,020	6,640	7,770	7,420	5,970	6,750
19	21,100	10,300	15,100	15,700	12,500	13,600	9,160	6,770	8,370	7,260	5,840	6,460
20	21,900	14,300	19,200	15,400	12,700	13,600	7,780	6,240	7,030	6,300	5,560	5,930
21	22,400	15,400	19,000	13,300	10,600	12,400	8,310	6,380	7,400	6,100	4,880	5,690
22	22,600	21,000	22,000	22,800	13,300	19,800	8,800	6,860	7,850	5,790	4,870	5,370
23	26,100	21,000	23,800	22,500	18,900	20,200	9,580	7,310	8,120	6,220	4,900	5,410
24	25,900	25,100	25,400	21,800	20,100	21,100	9,570	7,430	8,410	6,390	4,720	5,530
25	25,200	19,000	23,700	21,000	19,700	20,600	8,880	7,810	8,320	6,090	4,610	5,240
26	22,300	15,100	19,000	20,600	19,300	19,900	9,180	7,820	8,260	5,040	4,190	4,690
27	21,700	16,200	19,000	20,400	18,400	19,700	9,220	7,670	8,490	5,520	3,740	4,260
28	23,600	14,000	19,100	20,200	17,700	19,200	9,040	8,110	8,640	5,770	3,460	5,070
29	23,500	17,700	21,300	17,700	13,400	15,700	8,940	8,260	8,410	5,810	5,180	5,410
30	---	---	---	16,800	9,740	13,600	8,360	7,600	7,910	11,400	5,280	7,340
31	---	---	---	12,900	6,270	9,260	---	---	---	26,800	6,780	14,900
MONTH	34,700	2,810	21,400	23,300	4,260	15,100	15,300	2,900	9,050	26,800	3,460	6,540
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24,800	7,980	19,600	24,000	20,400	22,300	23,500	20,700	21,900	20,300	18,100	19,300
2	25,500	12,000	19,700	23,900	20,300	22,400	22,700	19,600	20,600	20,400	18,200	19,400
3	26,700	8,780	17,900	23,500	20,200	22,100	21,400	18,300	19,800	21,900	19,400	20,700
4	27,800	7,250	17,300	23,400	20,600	21,600	19,900	17,900	19,500	24,300	20,200	22,200
5	26,100	9,650	22,500	21,500	20,100	20,900	18,200	17,100	17,500	23,700	18,400	21,100
6	27,100	15,300	21,600	21,000	18,800	20,400	19,500	16,900	18,000	21,700	15,300	18,900
7	27,200	19,900	23,000	20,400	18,500	19,900	23,000	19,500	21,400	19,100	13,600	16,500
8	26,100	21,100	22,900	20,600	18,900	19,900	23,700	20,900	22,800	22,000	14,300	19,300
9	24,000	21,100	22,300	21,000	18,800	19,800	22,300	20,400	21,200	23,500	19,000	20,900
10	24,300	21,100	22,500	20,300	18,600	19,500	21,100	17,800	19,800	23,600	20,100	22,300
11	25,700	21,100	23,500	20,300	18,000	19,400	20,000	18,100	19,000	25,600	21,700	23,900
12	25,700	18,700	23,700	19,600	17,100	18,800	20,100	17,000	18,900	27,300	24,100	25,800
13	24,200	20,900	23,200	20,500	17,600	19,300	23,800	17,400	21,500	28,000	24,900	26,600
14	24,400	21,600	23,700	20,000	17,700	19,000	24,500	19,400	21,900	30,800	27,000	29,000
15	24,300	21,500	23,100	20,000	16,700	18,600	24,700	19,500	22,200	35,600	29,900	32,000
16	27,000	21,400	25,200	19,100	16,500	17,900	24,000	19,500	21,900	31,500	25,200	27,300
17	26,700	24,800	26,000	18,000	15,600	17,000	23,500	19,400	21,300	28,600	23,300	25,400
18	26,500	24,100	25,600	17,400	14,700	16,000	22,400	19,600	21,000	25,700	23,200	24,300
19	26,200	22,100	24,600	19,900	15,200	18,100	21,200	19,700	20,300	26,100	21,600	24,100
20	26,400	21,600	24,700	20,000	16,600	18,700	20,900	17,600	19,400	27,500	24,500	26,200
21	26,200	21,800	24,400	20,300	18,000	19,300	19,400	17,300	18,400	29,600	26,500	28,200
22	25,100	21,500	23,600	20,100	18,000	18,900	19,600	16,900	18,400	32,000	27,900	30,500
23	23,300	20,900	22,300	19,500	17,700	18,800	20,000	16,800	18,200	31,900	28,300	30,700
24	24,500	20,500	22,600	20,300	18,200	19,600	19,900	16,900	18,200	29,100	24,400	27,300
25	23,300	20,100	21,600	20,100	18,200	19,200	19,000	16,300	17,800	26,500	23,000	25,200
26	23,300	19,700	21,400	20,900	18,200	19,400	19,500	17,100	18,200	25,300	22,200	24,300
27	23,000	20,600	21,800	21,700	18,500	20,000	20,600	17,200	18,900	22,400	20,500	21,700
28	23,500	20,400	22,500	22,900	18,200	20,700	21,300	17,900	19,400	22,500	20,500	21,500
29	23,600	21,700	22,900	22,600	18,200	20,500	20,100	17,700	19,100	23,100	21,400	22,300
30	23,700	21,000	22,500	23,600	18,300	21,300	20,200	17,700	19,000	24,900	21,600	22,900
31	---	---	---	23,900	19,900	22,000	20,000	17,900	19,100	---	---	---
MONTH	27,800	7,250	22,600	24,000	14,700	19,700	24,700	16,300	19,800	35,600	13,600	24,000

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	14.9	13.1	14.0	16.9	15.3	16.1	14.5	12.7	13.7	16.2	13.6	15.4
2	15.9	13.3	14.4	16.4	14.6	15.6	16.0	13.5	14.6	16.1	12.6	14.5
3	15.9	13.0	14.4	15.6	13.5	14.8	18.2	15.3	16.2	15.5	11.5	13.5
4	14.4	13.0	13.7	18.1	14.3	16.6	19.9	14.4	17.9	15.3	11.8	13.4
5	13.6	12.2	13.2	18.1	16.4	17.0	19.4	14.5	16.7	15.2	11.3	12.9
6	13.4	12.4	13.1	17.2	11.5	14.9	19.4	11.8	16.1	17.2	12.8	14.6
7	13.6	12.5	13.3	16.2	14.2	15.3	19.3	11.8	16.6	17.2	14.7	16.2
8	13.4	12.5	13.2	17.5	14.8	15.8	19.8	15.0	18.3	16.9	13.9	15.5
9	13.5	12.7	13.3	18.7	15.6	16.9	20.0	17.4	19.0	17.2	11.8	14.8
10	13.5	12.1	12.7	19.0	17.1	18.0	19.8	9.1	14.1	18.1	12.6	15.9
11	13.8	11.4	12.7	18.7	15.0	16.8	18.0	14.0	15.4	19.4	12.2	15.7
12	13.9	12.1	13.0	17.9	14.2	16.1	19.5	15.5	17.5	16.4	12.0	14.6
13	13.5	11.5	12.6	18.3	13.9	15.5	19.4	17.2	18.5	17.8	14.2	16.4
14	12.9	10.9	11.8	21.8	16.4	19.0	18.6	11.8	15.3	19.6	17.8	18.5
15	13.6	12.0	12.6	18.9	14.9	16.7	18.3	15.0	17.1	20.2	19.2	19.8
16	12.5	10.9	11.7	18.7	15.3	17.0	17.4	9.8	14.7	20.1	15.1	18.7
17	12.4	10.2	11.5	18.5	15.8	17.1	13.2	6.9	9.5	19.8	19.1	19.4
18	14.2	11.7	13.4	20.3	15.0	17.7	12.9	8.7	10.8	19.1	14.4	16.4
19	15.5	12.6	14.0	15.0	9.1	11.5	13.4	7.9	11.3	17.5	6.0	11.5
20	15.8	11.7	13.8	16.6	13.7	14.8	14.5	10.1	12.1	18.0	12.6	16.0
21	16.6	11.4	14.7	16.8	13.7	15.4	16.1	11.8	13.6	17.4	11.0	14.8
22	15.5	11.5	13.6	18.0	14.2	15.8	16.6	12.5	14.5	17.4	10.6	13.7
23	15.8	12.0	13.9	18.4	15.2	16.7	16.8	13.4	14.6	15.5	11.3	13.1
24	13.7	12.9	13.3	18.5	11.7	15.0	16.3	9.9	12.6	15.1	11.3	13.2
25	14.4	12.8	13.2	19.5	16.3	17.9	17.0	13.8	15.5	14.9	11.4	13.1
26	14.8	12.4	13.6	19.3	16.6	18.0	17.0	13.0	15.2	13.9	12.6	13.6
27	16.5	12.6	14.2	18.9	16.7	17.9	16.8	14.3	15.6	12.9	5.1	8.0
28	16.7	13.1	15.0	18.4	9.7	13.6	16.9	14.8	16.2	14.8	6.8	12.3
29	16.1	12.2	14.1	16.3	11.4	14.1	16.9	12.1	15.8	15.9	9.0	13.6
30	16.5	12.6	14.4	15.3	10.4	13.2	16.6	11.7	15.5	17.3	14.2	15.7
31	15.9	13.5	14.7	---	---	---	16.5	15.3	16.0	21.8	15.3	17.9
MONTH	16.7	10.2	13.5	21.8	9.1	16.0	20.0	6.9	15.2	21.8	5.1	14.9
FEBRUARY			MARCH			APRIL			MAY			
1	21.8	20.1	21.2	13.8	11.8	12.8	8.5	6.6	7.7	4.6	3.3	4.0
2	21.5	17.7	19.2	13.0	9.9	11.3	7.7	4.1	5.9	3.7	2.5	3.2
3	18.6	11.0	14.2	12.2	8.7	10.5	6.7	3.9	5.3	4.0	2.6	3.3
4	20.3	14.2	16.8	12.4	9.7	10.9	6.3	3.6	4.5	4.5	3.0	3.7
5	20.2	15.5	17.9	12.4	7.8	9.5	9.0	4.0	7.3	3.9	2.8	3.3
6	18.1	8.9	12.5	9.5	6.2	7.4	8.7	6.7	7.7	4.8	2.5	3.4
7	11.5	4.8	7.1	7.2	3.6	4.8	7.9	4.9	7.4	4.6	2.8	3.4
8	13.7	6.6	9.8	6.1	3.6	5.2	6.6	4.2	5.2	4.4	2.7	3.4
9	14.3	9.4	12.5	4.1	2.2	3.2	8.1	4.1	6.3	5.1	3.0	3.9
10	15.0	12.0	13.7	6.2	3.4	5.1	7.8	4.4	6.2	5.6	3.2	4.4
11	17.5	12.7	15.8	6.1	5.5	5.7	9.1	4.3	6.9	5.5	4.1	4.8
12	15.4	12.4	14.2	6.3	4.9	5.4	8.7	4.3	6.7	5.3	3.9	4.6
13	16.9	11.1	14.3	7.8	5.3	6.3	4.3	1.6	2.4	4.6	3.5	3.9
14	16.9	11.8	15.8	8.1	6.3	7.2	5.6	1.6	3.1	5.5	4.0	4.8
15	11.8	1.4	4.6	9.0	7.2	7.9	6.1	1.7	4.0	5.8	3.9	4.7
16	14.2	2.9	8.3	11.2	7.8	9.1	6.3	3.0	5.0	4.4	3.7	4.2
17	14.4	5.6	10.1	10.9	9.1	10.1	6.1	4.1	5.0	4.5	3.4	4.2
18	14.4	5.5	9.1	10.4	7.9	8.6	5.2	3.8	4.5	4.4	3.5	4.0
19	12.4	5.8	8.7	9.2	7.2	7.9	5.3	3.9	4.8	4.3	3.4	3.8
20	13.0	8.1	11.2	9.0	7.3	7.9	4.5	3.5	4.0	3.7	3.2	3.5
21	13.3	8.9	11.1	7.7	6.0	7.1	4.8	3.6	4.3	3.6	2.8	3.3
22	13.4	12.4	13.0	13.8	7.7	11.9	5.1	3.9	4.5	3.4	2.8	3.1
23	15.7	12.4	14.1	13.7	11.4	12.2	5.6	4.2	4.7	3.7	2.8	3.2
24	15.5	15.0	15.2	13.2	12.1	12.8	5.6	4.3	4.9	3.8	2.7	3.2
25	15.0	11.1	14.1	12.8	11.8	12.5	5.2	4.5	4.8	3.6	2.7	3.1
26	13.2	8.7	11.1	12.5	11.6	12.0	5.4	4.5	4.8	2.9	2.4	2.7
27	12.8	9.3	11.1	12.4	11.0	11.9	5.4	4.4	5.0	3.2	2.1	2.5
28	13.9	7.9	11.1	12.2	10.6	11.6	5.3	4.7	5.1	3.4	2.0	3.0
29	13.9	10.2	12.5	10.6	7.9	9.3	5.3	4.8	4.9	3.4	3.0	3.2
30	---	---	---	10.1	5.6	8.0	4.9	4.4	4.6	7.2	3.1	4.4
31	---	---	---	7.6	3.5	5.3	---	---	---	18.1	4.1	9.6
MONTH	21.8	1.4	12.8	13.8	2.2	8.8	9.1	1.6	5.2	18.1	2.0	3.9

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16.6	4.8	12.8	14.5	12.1	13.4	14.2	12.4	13.2	12.1	10.7	11.4
2	17.2	7.5	12.9	14.5	12.1	13.5	13.7	11.7	12.3	12.1	10.7	11.5
3	18.0	5.4	11.7	14.2	12.0	13.3	12.9	10.8	11.8	13.2	11.5	12.3
4	18.9	4.4	11.3	14.2	12.3	13.0	11.8	10.5	11.6	14.7	12.0	13.4
5	17.6	6.0	15.0	12.9	12.0	12.5	10.7	10.1	10.3	14.4	10.9	12.7
6	18.4	9.8	14.4	12.6	11.1	12.1	11.6	9.9	10.6	13.0	8.9	11.2
7	18.5	13.2	15.4	12.1	10.9	11.8	13.9	11.6	12.9	11.4	7.8	9.7
8	17.7	14.0	15.4	12.3	11.2	11.8	14.4	12.5	13.7	13.2	8.3	11.4
9	16.1	14.0	14.9	12.6	11.1	11.8	13.4	12.1	12.7	14.2	11.3	12.5
10	16.4	14.0	15.0	12.1	11.0	11.6	12.6	10.5	11.8	14.3	12.0	13.4
11	17.4	14.0	15.8	12.1	10.6	11.5	11.9	10.7	11.3	15.6	13.0	14.5
12	17.4	12.4	16.0	11.7	10.1	11.1	12.0	10.0	11.2	16.7	14.6	15.7
13	16.4	13.9	15.7	12.2	10.4	11.4	14.4	10.2	12.9	17.2	15.1	16.3
14	16.5	14.5	16.0	11.9	10.4	11.3	14.8	11.5	13.1	19.1	16.5	17.9
15	16.4	14.5	15.6	11.9	9.8	11.0	15.0	11.6	13.3	22.4	18.5	19.9
16	16.5	14.4	15.8	11.4	9.7	10.5	14.5	11.6	13.2	19.6	15.3	16.7
17	16.3	15.0	15.9	10.6	9.1	10	14.2	11.5	12.8	17.6	14.1	15.5
18	16.2	14.6	15.6	10.2	8.6	9.4	13.5	11.7	12.6	15.7	14.0	14.7
19	16.0	13.3	15.0	11.8	8.9	10.7	12.7	11.7	12.1	15.9	13.0	14.6
20	16.1	13.0	15.0	11.9	9.7	11.1	12.5	10.4	11.5	16.9	14.8	16.0
21	16.0	13.1	14.8	12.1	10.6	11.5	11.5	10.2	10.9	18.3	16.2	17.3
22	15.3	12.9	14.3	12.0	10.6	11.2	11.7	9.9	10.9	19.9	17.2	18.9
23	14.1	12.5	13.4	11.6	10.4	11.1	11.9	9.9	10.8	19.9	17.4	19.0
24	14.8	12.2	13.6	12.1	10.7	11.6	11.8	9.9	10.8	17.9	14.8	16.7
25	14.1	12.0	13.0	12.0	10.7	11.4	11.3	9.5	10.5	16.2	13.9	15.4
26	14.1	11.7	12.8	12.5	10.7	11.6	11.6	10.1	10.7	15.4	13.3	14.7
27	13.9	12.3	13.1	13.0	10.9	11.9	12.3	10.1	11.2	13.5	12.2	13.0
28	14.2	12.1	13.5	13.8	10.7	12.4	12.8	10.5	11.5	13.5	12.2	12.9
29	14.3	13.0	13.8	13.6	10.7	12.2	12.0	10.4	11.3	13.9	12.9	13.4
30	14.4	12.6	13.6	14.3	10.8	12.7	12.0	10.4	11.3	15.1	13.0	13.8
31	---	---	---	14.5	11.8	13.2	11.9	10.5	11.4	---	---	---
MONTH	18.9	4.4	14.4	14.5	8.6	11.7	15.0	9.5	11.8	22.4	7.8	14.5

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

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.3	21.1	21.7	24.0	22.9	23.4	14.6	13.1	13.8	14.5	13.3	13.9
2	21.8	20.8	21.2	24.4	23.2	23.8	14.4	13.4	14.0	14.9	14.4	14.7
3	21.7	20.2	20.9	24.3	23.4	23.9	15.0	13.8	14.3	16.1	14.9	15.6
4	23.0	21.2	22.0	24.7	23.7	24.2	15.4	14.7	15.1	17.1	15.8	16.5
5	24.3	22.5	23.3	25.0	24.4	24.7	15.5	13.7	14.8	18.1	16.1	17.2
6	24.6	23.6	24.1	24.9	24.5	24.8	13.7	11.0	12.0	16.1	12.5	14.1
7	25.4	24.1	24.7	24.8	23.9	24.4	11.7	10.4	11.2	12.5	10.4	10.9
8	26.2	24.8	25.4	23.9	23.0	23.5	12.4	11.3	11.8	10.7	9.9	10.3
9	26.4	25.3	25.8	23.2	22.1	22.6	13.1	12.1	12.6	11.3	10.4	10.8
10	25.8	24.8	25.1	22.6	21.8	22.2	13.1	12.1	12.6	10.7	9.7	10.2
11	25.1	24.6	24.8	23.1	21.8	22.3	12.1	11.0	11.6	10.5	9.2	9.8
12	25.2	24.1	24.6	23.7	22.6	23.1	12.3	11.3	11.9	11.4	9.7	10.4
13	25.6	24.3	24.9	23.3	20.1	22.4	12.5	12.1	12.3	11.7	11.0	11.4
14	26.0	24.6	25.2	20.1	18.5	19.1	12.3	11.6	11.9	12.4	11.6	12.0
15	24.6	22.7	23.2	19.4	18.2	18.8	12.5	11.1	11.7	13.0	12.4	12.5
16	23.4	21.8	22.7	20.0	19.0	19.5	13.6	12.1	12.7	13.7	12.9	13.4
17	23.7	22.4	23.0	21.7	19.8	20.5	12.2	10.4	11.1	14.0	13.5	13.7
18	23.1	21.9	22.5	21.4	20.5	21.0	11.3	10.0	10.7	15.4	14.0	14.7
19	22.7	21.4	22.1	20.5	18.0	19.0	11.2	10.2	10.7	15.0	12.7	14.0
20	22.9	21.9	22.4	18.2	16.9	17.7	11.1	10.1	10.7	12.7	11.0	11.8
21	23.8	22.7	23.0	19.0	17.9	18.4	11.7	10.5	11.2	12.6	11.0	11.8
22	23.4	22.6	23.0	19.7	18.5	19.0	12.8	11.4	12.1	13.2	11.3	12.0
23	23.9	22.7	23.3	20.2	19.2	19.7	13.0	12.3	12.6	13.4	11.6	12.4
24	24.7	23.2	23.9	20.1	15.7	17.5	13.0	11.8	12.3	13.6	12.5	13.0
25	24.6	23.7	24.3	15.8	14.5	15.1	11.8	11.0	11.4	14.6	13.2	13.9
26	25.2	24.2	24.7	16.3	14.7	15.4	12.4	10.9	11.6	14.4	14.2	14.3
27	24.6	22.1	23.2	17.0	16.3	16.5	13.0	11.5	12.3	14.4	11.4	13.4
28	22.1	21.0	21.4	17.0	13.7	15.3	14.0	12.6	13.1	11.4	9.8	10.3
29	21.6	20.2	21.0	13.8	12.6	13.2	14.3	13.4	13.8	10.8	10.1	10.5
30	22.8	21.0	21.9	13.9	12.1	13.1	13.8	12.8	13.1	11.2	10.7	11.0
31	23.6	22.3	22.9	---	---	---	13.5	12.4	13.0	11.2	10.8	11.0
MONTH	26.4	20.2	23.3	25.0	12.1	20.1	15.5	10.0	12.4	18.1	9.2	12.6
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	10.9	11.3	15.8	14.7	15.2	21.0	18.8	20.0	23.3	21.3	22.2
2	12.4	11.5	11.9	17.2	15.8	16.5	20.8	18.9	19.8	22.5	21.5	22.2
3	12.3	11.1	11.8	18.4	17.1	17.9	21.4	19.2	20.2	22.1	20.6	21.3
4	11.9	11.2	11.6	19.5	18.1	18.8	22.0	19.8	20.8	22.1	20.5	21.3
5	14.0	11.9	12.8	20.8	19.0	20.0	21.2	19.9	20.5	23.3	20.8	22.0
6	15.3	13.6	14.4	22.7	20.6	21.6	21.4	19.7	20.5	24.2	21.5	22.9
7	13.7	12.3	13.1	22.6	21.7	22.1	22.1	20.4	21.1	25.3	22.9	24.0
8	12.3	10.6	11.0	21.7	19.8	20.5	23.3	21.3	22.2	25.7	24.0	25.0
9	11.8	10.2	10.9	19.9	18.2	19.3	23.9	22.4	23.1	26.5	25.1	25.8
10	11.8	11.2	11.6	18.2	16.5	17.2	24.7	23.1	23.9	26.0	25.3	25.6
11	12.7	11.8	12.1	17.4	16.1	16.9	24.3	22.6	23.2	26.1	25.1	25.6
12	13.1	12.3	12.8	18.0	16.6	17.3	22.9	20.6	22.1	26.6	25.1	25.8
13	12.3	11.5	11.8	18.2	17.4	17.9	20.6	16.9	18.1	27.0	25.3	26.1
14	11.8	11.1	11.5	18.4	18.2	18.3	18.1	15.8	17.0	27.0	25.9	26.4
15	11.1	9.8	10.3	18.8	18.3	18.5	19.1	16.7	17.9	26.4	25.1	25.6
16	10.7	9.6	10.1	20.1	18.8	19.4	20.4	18.1	19.3	26.4	24.9	25.5
17	11.4	10.1	10.7	20.2	18.8	19.5	22.3	19.5	20.8	26.7	25.5	26.1
18	12.8	10.2	11.4	21.2	19.3	20.2	23.1	20.7	21.9	27.3	25.8	26.4
19	14.0	11.4	12.5	22.6	20.4	21.5	23.7	21.6	22.5	27.9	26.2	27.0
20	13.8	12.4	13.0	23.6	21.6	22.5	23.6	22.2	22.8	28.5	26.7	27.5
21	15.3	13.5	14.5	23.4	21.5	22.7	23.9	22.4	23.1	29.0	27.1	27.8
22	15.8	14.0	15.0	21.5	18.6	20.0	24.6	22.8	23.6	29.0	27.1	28.1
23	15.9	14.8	15.3	19.0	17.9	18.4	25.1	23.7	24.5	28.8	27.5	28.1
24	15.2	14.7	15.0	18.9	17.4	18.2	25.6	24.3	25.0	28.8	27.1	28.0
25	15.6	15.0	15.2	19.9	18.3	19.0	25.4	24.7	25.1	29.1	27.3	28.1
26	15.5	13.6	14.6	20.7	19.2	20.0	25.2	24.2	24.7	29.0	27.2	28.0
27	14.0	12.6	13.5	21.6	20.1	20.9	24.7	23.0	23.9	28.4	26.7	27.6
28	14.2	12.7	13.5	22.6	21.1	21.8	23.9	22.6	23.2	28.8	26.6	27.7
29	14.7	13.6	14.2	23.4	22.2	22.8	23.0	22.3	22.7	29.1	27.4	28.2
30	---	---	---	23.3	22.0	22.7	23.0	21.6	22.2	29.4	27.8	28.6
31	---	---	---	22.4	20.5	21.8	---	---	---	29.3	27.8	28.5
MONTH	15.9	9.6	12.7	23.6	14.7	19.7	25.6	15.8	21.9	29.4	20.5	25.9

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

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.3	28.0	28.6	30.5	29.2	29.7	32.4	30.6	31.4	30.6	28.8	29.7
2	28.3	27.2	27.8	30.3	29.3	29.7	32.0	30.8	31.3	30.6	29.3	30.0
3	28.3	26.6	27.1	31.1	29.1	29.9	32.3	30.4	31.3	30.6	29.6	30.1
4	28.0	26.4	27.1	31.7	29.6	30.5	32.6	31.0	31.6	30.4	29.3	29.8
5	28.0	27.0	27.4	31.9	30.0	30.9	32.0	30.4	31.2	30.5	29.2	29.8
6	29.1	26.7	27.6	31.8	30.5	31.1	31.3	30.1	30.7	30.1	29.1	29.6
7	29.0	26.9	27.9	30.8	29.8	30.3	30.2	29.2	29.7	30.3	28.5	29.3
8	29.7	27.8	28.8	30.1	29.2	29.6	29.3	27.7	28.5	30.0	28.4	29.0
9	30.2	28.4	29.3	29.7	28.8	29.2	29.4	27.6	28.4	30.2	28.8	29.5
10	31.0	28.8	29.7	30.1	28.9	29.5	30.5	28.6	29.5	30.6	28.8	29.6
11	30.4	29.2	29.8	30.9	29.5	30.1	30.4	29.3	29.7	29.9	29.1	29.4
12	30.8	29.4	30.2	31.2	29.7	30.4	30.3	28.6	29.5	29.1	27.7	28.4
13	31.0	29.6	30.4	31.3	29.6	30.3	28.6	26.3	27.5	28.4	27.1	27.7
14	30.0	29.0	29.6	31.0	29.6	30.2	26.8	25.5	26.0	28.2	27.3	27.8
15	29.9	28.6	29.2	31.7	29.7	30.6	26.6	25.1	25.7	27.7	25.7	27.0
16	30.6	28.9	29.7	30.4	29.6	30.1	26.8	25.3	26.0	26.9	24.8	25.9
17	31.3	29.5	30.2	30.5	29.1	29.7	27.8	25.9	26.8	28.6	26.4	27.3
18	32.5	30.3	31.2	29.9	28.6	29.1	28.7	26.8	27.7	29.4	27.8	28.5
19	32.0	31.0	31.5	30.3	28.4	29.2	29.4	27.6	28.4	28.6	27.1	27.9
20	32.3	30.5	31.3	31.2	29.0	30.0	30.4	28.3	29.3	27.7	26.6	27.2
21	31.5	30.5	31.0	31.0	29.6	30.1	31.0	28.9	29.8	26.6	25.8	26.2
22	31.5	29.9	30.6	31.8	29.3	30.4	31.4	29.3	30.1	25.9	25.0	25.4
23	31.1	29.6	30.3	32.2	29.9	30.9	31.9	29.7	30.8	25.9	24.9	25.3
24	30.4	28.9	29.7	32.8	31.1	31.8	31.8	30.0	30.8	26.6	25.3	25.9
25	29.2	28.1	28.5	32.6	31.4	32.0	31.9	30.3	31.0	27.2	26.0	26.6
26	28.7	27.8	28.3	32.0	30.6	31.2	31.8	30.6	31.1	27.1	25.8	26.5
27	30.1	28.0	29.0	31.2	30.1	30.6	31.8	30.5	31.0	27.1	25.5	26.2
28	29.6	28.7	29.2	31.4	30.0	30.7	31.3	30.2	30.8	27.4	25.6	26.3
29	29.6	28.6	29.0	32.4	30.6	31.1	30.6	29.3	30.1	27.2	26.0	26.6
30	30.1	28.6	29.3	32.0	30.7	31.3	30.1	28.9	29.4	27.6	26.1	26.9
31	---	---	---	32.0	30.7	31.3	30.3	28.3	29.2	---	---	---
MONTH	32.5	26.4	29.3	32.8	28.4	30.4	32.6	25.1	29.5	30.6	24.8	27.8

07374527 NORTHEAST BAY GARDENE NEAR POINTE A LA HACHE, LA

LOCATION.--Lat 29° 35'04", long 89° 36'23", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 13.0 mi east southeast of Point-A-La-Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Oct. 1, 1995, datum of gage was 8.1 ft below NGVD of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 8.44 ft, Sept. 15, 2003; minimum recorded, -2.64 ft, Mar. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.44 ft, Sept. 15; minimum gage height, -2.06 ft, Feb. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.11	1.64	2.35	2.73	1.24	1.96	---	---	---	1.51	0.36	0.98
2	3.31	1.10	2.29	2.24	1.18	1.76	---	---	---	1.59	0.10	0.89
3	3.12	1.06	2.07	1.83	1.26	1.60	---	---	---	1.71	-0.04	0.86
4	2.54	0.97	1.81	2.71	1.61	2.38	---	---	---	1.94	0.02	1.00
5	2.19	0.84	1.61	2.71	1.45	1.85	---	---	---	1.87	-0.13	0.92
6	2.20	1.08	1.70	---	---	---	---	---	---	2.41	0.30	1.18
7	2.34	1.38	1.93	---	---	---	---	---	---	2.41	0.90	1.46
8	2.17	1.59	1.84	---	---	---	---	---	---	2.13	0.22	1.09
9	2.17	1.75	2.01	---	---	---	2.55	0.31	1.37	2.21	0.03	0.97
10	2.39	1.96	2.26	---	---	---	2.55	-1.52	0.09	1.64	-0.02	0.85
11	3.26	1.45	2.32	---	---	---	1.66	0.08	0.75	1.77	-0.11	0.77
12	3.28	1.81	2.42	2.41	0.43	1.36	2.31	0.34	1.22	1.04	-0.10	0.53
13	3.04	1.50	2.19	2.60	1.23	1.62	2.59	0.97	1.61	0.95	0.12	0.64
14	2.42	0.49	1.66	3.15	0.94	2.04	1.70	0.10	0.86	0.85	0.32	0.59
15	2.70	1.23	1.93	2.33	0.70	1.49	1.73	0.38	1.07	1.09	0.11	0.53
16	2.03	0.96	1.48	2.47	0.78	1.67	1.57	0.06	0.86	1.92	-0.02	1.07
17	2.14	0.67	1.42	2.23	1.05	1.70	0.41	-0.51	-0.01	2.15	0.61	1.39
18	2.28	1.13	1.81	2.73	1.17	1.96	0.51	-0.43	-0.05	1.75	0.00	0.89
19	2.60	1.04	1.84	1.29	-0.55	0.03	0.66	-0.66	0.08	1.70	-1.46	-0.04
20	2.17	0.85	1.60	1.24	0.76	1.02	1.30	-0.67	0.34	1.70	-0.41	0.66
21	1.77	0.59	1.33	1.64	0.31	0.99	1.85	-0.56	0.57	1.66	-0.66	0.44
22	1.03	0.43	0.76	2.16	0.02	1.04	2.20	-0.50	0.76	1.67	-0.68	0.39
23	1.87	0.45	1.18	2.48	0.31	1.41	2.20	-0.15	0.83	1.31	-0.50	0.44
24	1.67	0.90	1.40	2.52	-0.57	0.89	1.85	-0.56	0.41	1.25	-0.43	0.51
25	2.23	0.62	1.43	2.64	0.22	1.44	2.21	0.08	1.12	1.56	0.30	0.96
26	2.34	0.41	1.50	2.62	0.27	1.39	2.08	-0.19	0.89	1.33	0.74	1.12
27	2.74	0.72	1.62	2.80	0.22	1.49	1.76	0.15	1.01	1.08	-0.84	-0.09
28	2.83	0.59	1.70	---	---	---	1.96	0.38	1.23	0.83	-0.33	0.37
29	2.53	0.36	1.44	---	---	---	2.06	0.18	1.33	1.28	-0.44	0.42
30	2.71	0.34	1.51	---	---	---	1.69	0.18	1.29	1.74	0.29	0.95
31	2.54	0.88	1.74	---	---	---	1.55	0.88	1.24	3.18	0.65	1.74
MONTH	3.31	0.34	1.75	---	---	---	---	---	---	3.18	-1.46	0.79

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

 GAGE HEIGHT, FEET—CONTINUED
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.39	1.86	2.69	2.07	0.58	1.42	1.33	0.31	0.99	1.35	0.52	0.98
2	3.04	0.66	1.56	1.97	0.35	1.26	1.10	-0.22	0.57	1.47	0.69	1.05
3	1.60	-0.55	0.53	2.13	0.40	1.32	1.04	0.30	0.62	1.72	0.25	1.07
4	2.79	0.67	1.48	2.15	0.72	1.52	0.99	0.21	0.52	1.71	0.17	1.08
5	2.79	0.61	1.50	2.08	0.59	1.37	1.92	0.30	1.25	1.73	-0.05	0.88
6	2.10	-0.16	0.71	1.87	0.17	0.95	1.76	0.49	1.14	2.07	-0.14	1.01
7	1.15	-0.85	-0.19	1.20	-0.09	0.52	1.56	0.08	1.12	1.97	-0.03	0.96
8	0.85	0.10	0.40	1.28	-0.06	0.73	1.42	-0.12	0.72	2.04	-0.09	0.94
9	1.11	-0.02	0.62	0.43	-0.32	0.10	2.27	-0.07	1.19	2.33	0.00	1.19
10	1.19	0.45	0.83	1.65	-0.25	0.83	1.89	0.01	1.04	2.87	0.47	1.59
11	1.94	0.67	1.32	1.16	-0.35	0.40	2.81	-0.05	1.34	2.67	0.88	1.70
12	1.32	0.31	0.89	1.47	-0.47	0.51	1.64	0.10	0.83	2.19	1.04	1.66
13	1.76	0.59	1.11	2.26	-0.38	1.03	0.77	-1.81	-0.85	2.28	0.88	1.62
14	2.38	0.14	1.28	2.34	-0.07	1.15	0.45	-1.13	-0.20	2.45	1.43	2.02
15	0.85	-2.06	-0.69	2.20	-0.14	1.29	0.64	-0.80	-0.02	2.43	1.42	2.03
16	1.18	-0.71	0.24	2.00	-0.13	1.01	0.78	-0.47	0.28	2.03	1.21	1.72
17	1.22	-0.98	0.20	1.72	0.49	1.19	0.84	-0.12	0.34	2.36	1.12	1.83
18	0.91	-0.92	0.00	1.60	0.01	0.86	0.78	0.22	0.51	2.37	0.75	1.76
19	1.45	-1.12	0.10	1.58	0.14	0.91	1.05	0.12	0.73	2.23	0.75	1.60
20	1.54	-0.38	0.66	1.49	0.45	0.96	0.87	-0.01	0.54	2.19	0.69	1.51
21	1.54	0.03	0.82	1.15	0.15	0.77	1.54	0.00	0.86	2.21	0.60	1.39
22	1.55	0.90	1.12	2.46	0.85	1.70	1.66	0.24	1.09	2.40	0.48	1.46
23	3.06	0.95	1.85	2.26	0.99	1.78	1.94	0.30	1.15	2.40	0.61	1.47
24	2.91	1.73	2.07	2.16	1.07	1.52	2.08	0.33	1.25	2.15	0.58	1.39
25	2.01	0.95	1.68	2.39	1.23	1.78	2.00	0.46	1.19	1.81	0.56	1.17
26	1.88	0.40	1.07	2.40	0.61	1.53	1.52	0.33	0.98	1.34	0.21	0.81
27	1.27	0.24	0.72	2.22	0.61	1.48	1.54	0.64	1.13	0.99	0.11	0.61
28	1.66	0.20	0.94	2.06	0.74	1.40	2.02	0.57	1.32	1.19	0.25	0.71
29	2.20	0.25	1.22	1.92	0.44	1.14	2.04	0.82	1.49	1.12	0.57	0.79
30	---	---	---	1.79	0.19	1.00	2.12	1.07	1.54	1.59	0.52	1.08
31	---	---	---	1.30	0.01	0.36	---	---	---	1.47	0.21	0.85
MONTH	3.39	-2.06	0.92	2.46	-0.47	1.09	2.81	-1.81	0.82	2.87	-0.14	1.29
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.79	0.21	1.15	2.61	-0.02	1.50	2.22	0.32	1.30	1.52	0.79	1.12
2	2.19	-0.28	1.04	2.58	-0.05	1.40	2.10	0.01	0.96	1.53	0.79	1.16
3	1.95	-0.48	0.97	2.50	0.15	1.47	1.79	-0.06	0.89	1.73	1.16	1.48
4	2.25	-0.70	0.81	2.42	0.26	1.30	1.20	0.40	0.82	2.37	1.11	1.66
5	2.33	-0.61	0.99	2.10	0.32	1.24	0.66	0.31	0.45	2.34	0.63	1.43
6	2.26	-0.46	1.01	1.77	0.45	1.05	1.09	0.60	0.80	1.91	-0.09	0.99
7	2.42	0.35	1.39	1.61	0.37	1.04	2.12	1.09	1.65	1.03	-0.48	0.40
8	2.26	0.54	1.45	1.71	0.93	1.20	3.05	1.98	2.52	1.67	-0.05	0.79
9	1.88	0.87	1.43	2.14	0.73	1.33	2.24	0.65	1.54	1.92	0.29	1.19
10	1.63	1.15	1.39	1.67	0.52	1.20	1.80	0.10	1.08	1.76	0.64	1.25
11	1.37	0.92	1.18	1.92	0.56	1.30	1.68	0.24	1.03	2.40	0.77	1.67
12	1.51	0.65	1.16	1.42	0.16	0.94	1.94	0.24	1.18	2.76	1.34	2.00
13	1.84	0.66	1.37	1.84	0.24	1.12	2.66	0.49	1.66	2.69	1.47	2.08
14	2.40	0.92	1.67	1.65	-0.36	0.74	2.13	0.43	1.35	3.64	2.14	2.99
15	2.36	0.45	1.38	1.25	-0.84	0.47	2.24	0.29	1.37	8.44	3.37	6.11
16	2.39	0.30	1.49	1.38	-0.84	0.33	1.87	0.22	1.13	7.53	0.31	2.25
17	2.16	0.30	1.36	0.95	-0.66	0.27	1.85	0.22	1.06	2.53	0.59	1.62
18	2.25	0.38	1.36	0.70	-0.76	0.03	1.57	0.41	1.00	2.26	1.21	1.70
19	2.32	0.17	1.15	1.88	-0.58	0.85	1.37	0.68	1.05	2.92	0.59	1.80
20	2.26	0.16	1.31	1.50	-0.11	0.80	1.31	0.56	0.88	3.26	1.83	2.40
21	1.97	0.23	1.18	1.33	0.21	0.82	1.33	0.27	0.82	3.44	1.69	2.54
22	1.68	0.31	1.01	1.19	0.12	0.66	1.61	0.18	0.87	3.92	2.08	3.16
23	1.47	0.18	0.90	0.89	0.34	0.64	1.63	-0.06	0.88	3.99	1.60	2.97
24	1.67	0.33	0.96	1.14	0.52	0.83	1.77	-0.12	0.88	2.54	0.76	1.92
25	1.43	0.15	0.87	1.10	0.02	0.65	1.79	-0.27	0.88	2.54	0.73	1.71
26	1.30	0.51	0.94	1.81	-0.17	0.83	1.90	0.13	1.00	2.19	0.74	1.60
27	1.60	0.17	1.08	1.87	-0.17	0.88	2.16	0.21	1.30	1.48	0.34	1.05
28	1.77	0.26	1.14	1.94	-0.33	0.92	2.22	0.15	1.29	1.36	0.34	0.88
29	2.21	0.58	1.54	1.97	-0.46	0.87	2.13	0.15	1.22	1.28	0.78	1.05
30	2.44	0.39	1.44	2.21	-0.45	1.11	1.88	0.26	1.18	1.79	0.62	1.15
31	---	---	---	2.41	0.14	1.42	1.69	0.43	1.15	---	---	---
MONTH	2.44	-0.70	1.20	2.61	-0.84	0.94	3.05	-0.27	1.14	8.44	-0.48	1.80

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.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: January 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 1-14 and June 13-16 when records good.

SALINITY: Records excellent except for Oct. 1-14 and June 13-16 when records good.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 43,900 microsiemens/cm, Nov. 19, 2000; minimum, 1,300 microsiemens, Feb. 3, 1994.

SALINITY: Maximum, 25.1 ppt, June 2, 2004; minimum, 1.0 ppt, Apr. 1, 10, 2003.

WATER TEMPERATURE: Maximum, 34.5 °C, July 17, 2002; minimum, 2.5° C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 39,400 microsiemens/cm, June 2; minimum, 2,270 microsiemens/cm, Apr. 13.

SALINITY: Maximum, 25.1 ppt, June 2; minimum, 1.2 ppt, Apr. 13.

WATER TEMPERATURE: Maximum, 34.2° C, Aug. 4; minimum, 9.0° C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23,300	21,700	22,900	24,000	21,200	22,000	---	---	---	20,500	18,200	19,000
2	23,400	22,000	22,900	22,300	21,300	21,800	---	---	---	20,100	15,300	18,000
3	23,400	22,200	23,200	21,900	21,200	21,600	---	---	---	20,300	15,200	17,800
4	23,400	22,300	23,000	23,900	21,300	22,300	---	---	---	20,400	15,500	18,000
5	23,400	22,200	23,000	24,100	21,700	22,400	---	---	---	20,600	16,000	18,100
6	23,100	21,900	22,700	---	---	---	---	---	---	20,300	15,800	17,300
7	23,000	22,400	22,700	---	---	---	---	---	---	22,700	18,800	20,400
8	22,900	22,400	22,700	---	---	---	---	---	---	22,400	18,600	20,100
9	22,900	22,300	22,700	---	---	---	26,300	17,700	22,400	23,800	16,000	19,200
10	22,600	20,400	21,500	---	---	---	27,500	11,200	18,300	19,500	14,200	17,200
11	22,200	20,500	21,600	---	---	---	22,700	16,400	18,900	21,000	17,600	19,000
12	21,600	20,300	21,200	23,900	20,300	22,300	23,200	18,800	20,800	20,800	16,900	18,700
13	21,800	20,800	21,500	24,100	21,500	22,200	27,700	20,200	24,100	19,600	17,300	18,500
14	21,700	19,000	20,400	28,600	24,100	25,600	24,000	14,200	19,300	19,300	14,700	17,000
15	20,400	19,400	20,000	26,200	22,400	24,400	22,800	18,400	20,600	28,300	13,200	19,300
16	20,200	19,400	19,900	26,100	22,800	24,400	22,900	13,800	18,600	25,000	16,700	22,100
17	20,000	18,300	19,400	25,800	23,600	24,800	14,300	10,700	12,300	25,000	21,300	23,100
18	19,700	18,800	19,300	28,500	22,900	25,900	17,900	9,710	12,600	23,800	18,700	20,500
19	19,700	19,100	19,400	22,900	16,600	19,300	18,300	10,600	14,300	20,400	9,320	14,100
20	20,700	18,700	19,700	23,000	20,000	21,500	19,100	11,200	14,900	21,500	16,100	18,100
21	19,700	16,800	18,900	22,300	19,200	20,400	20,600	13,700	16,700	19,800	13,100	17,000
22	17,400	14,900	16,100	22,300	18,500	20,300	22,100	14,500	18,100	19,900	12,200	16,400
23	21,700	14,600	17,800	24,100	20,300	21,600	23,100	15,900	18,900	19,000	12,800	16,200
24	19,900	17,800	19,100	24,600	17,600	20,200	19,000	10,900	15,600	18,100	12,300	15,300
25	21,000	18,500	19,600	27,800	20,400	23,700	20,200	16,800	18,200	20,700	13,800	16,500
26	22,500	18,900	20,600	26,900	22,100	23,900	20,700	17,200	18,700	21,100	15,700	17,600
27	22,100	19,700	20,500	28,500	23,100	24,700	20,400	17,800	19,200	17,100	9,520	12,700
28	23,400	19,800	21,000	---	---	---	21,000	18,300	19,700	15,600	9,290	12,900
29	21,600	18,000	20,300	---	---	---	23,700	16,800	20,900	16,200	10,700	13,100
30	23,100	18,900	21,200	---	---	---	20,400	16,700	18,800	18,700	13,400	15,300
31	22,300	20,400	21,500	---	---	---	20,600	18,700	19,700	28,000	14,600	19,200
MONTH	23,400	14,600	20,800	---	---	---	---	---	---	28,300	9,290	17,700

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	31,300	26,100	28,500	18,200	12,200	15,400	9,060	7,140	8,490	6,890	5,740	6,660
2	31,300	23,900	27,000	17,600	11,700	14,900	9,270	6,720	8,030	6,330	4,910	5,890
3	25,000	15,000	18,700	17,000	12,600	14,400	8,710	5,640	7,540	5,690	4,200	5,130
4	28,500	18,700	22,400	16,100	12,300	14,600	7,180	5,540	6,270	5,480	4,260	4,860
5	30,000	19,800	24,000	18,300	10,600	14,200	10,800	6,120	8,310	5,400	4,640	5,040
6	24,500	14,700	18,700	18,500	10,500	13,300	10,400	7,800	9,210	6,320	3,910	5,270
7	17,800	7,480	11,200	12,000	7,730	9,280	10,400	7,130	9,630	6,370	4,900	5,680
8	13,100	8,900	10,600	9,850	7,450	8,420	9,490	5,720	7,160	6,540	4,900	5,830
9	14,700	10,600	12,400	8,400	3,680	6,370	11,600	6,260	8,830	7,100	5,590	6,170
10	17,100	12,100	14,000	10,900	3,890	6,930	10,500	7,450	9,150	8,450	6,040	6,830
11	18,100	11,500	14,800	10,500	5,670	7,520	11,100	6,450	9,350	8,380	6,420	7,280
12	14,100	11,100	12,100	10,100	5,740	7,850	10,800	7,180	8,860	8,130	6,900	7,380
13	18,400	9,440	13,400	14,400	6,650	9,960	7,370	2,240	3,840	7,340	6,560	7,030
14	21,100	10,800	15,500	15,000	8,720	11,300	3,980	2,830	3,420	7,210	6,520	6,850
15	12,000	2,580	5,070	13,600	9,390	11,700	5,040	2,930	3,560	7,810	6,280	6,980
16	8,500	5,600	6,900	12,900	9,460	11,500	4,980	3,520	4,460	7,050	6,330	6,640
17	13,400	4,860	7,670	12,700	11,100	11,700	5,620	4,800	5,240	7,020	6,420	6,720
18	13,400	5,000	7,070	12,500	9,520	11,000	8,090	5,100	5,830	6,930	6,000	6,600
19	14,300	4,030	7,400	11,600	9,990	10,900	7,940	5,320	7,030	6,830	6,240	6,580
20	14,900	8,220	11,500	11,400	10,500	10,900	8,140	5,690	6,910	6,710	6,240	6,440
21	15,200	11,400	13,200	10,900	8,490	9,890	8,420	5,620	7,370	6,430	5,720	6,160
22	16,100	14,300	15,200	13,500	8,860	11,100	8,180	6,940	7,580	6,220	5,360	5,890
23	22,100	14,500	16,800	14,200	11,200	12,800	7,930	6,980	7,400	6,080	5,750	5,980
24	23,200	19,100	20,500	14,800	12,300	13,300	9,080	7,080	7,550	6,070	5,720	5,940
25	20,200	16,700	18,800	15,600	13,300	14,300	8,180	6,830	7,420	5,910	5,260	5,670
26	16,700	11,800	14,400	15,300	13,800	14,400	7,740	6,910	7,390	5,800	4,620	5,080
27	15,000	11,700	13,000	14,800	13,800	14,500	7,580	6,890	7,320	5,120	4,180	4,620
28	14,600	11,200	13,100	14,600	13,100	14,100	8,240	7,100	7,390	4,910	4,140	4,430
29	17,600	11,800	14,100	13,600	11,500	12,700	7,920	7,210	7,620	4,990	4,330	4,570
30	---	---	---	12,300	9,120	10,700	7,790	6,870	7,230	25,800	4,330	11,900
31	---	---	---	11,700	5,530	8,190	---	---	---	30,600	8,110	22,900
MONTH	31,300	2,580	14,800	18,500	3,680	11,600	11,600	2,240	7,180	30,600	3,910	6,740
	JUNE			JULY			AUGUST			SEPTEMBER		
1	37,900	14,100	28,900	22,000	19,900	21,100	18,800	17,000	17,900	19,500	18,900	19,100
2	38,500	15,800	29,900	21,800	19,700	21,000	18,300	16,900	17,600	19,200	18,900	19,100
3	35,800	13,600	26,600	21,500	19,300	20,600	18,200	16,700	17,700	19,500	18,700	19,100
4	35,400	13,400	24,200	21,000	19,400	20,500	17,900	16,500	17,400	20,800	18,700	19,500
5	32,700	13,200	24,200	20,700	19,600	20,300	16,500	15,200	15,800	20,000	18,700	19,300
6	29,400	18,400	24,200	20,500	19,400	20,100	16,900	15,800	16,300	19,300	17,300	18,600
7	30,800	23,700	26,600	20,000	18,300	19,300	18,300	15,900	17,400	18,400	13,800	16,900
8	30,300	24,400	27,400	19,400	17,600	18,700	21,600	18,200	20,400	18,100	15,400	16,900
9	31,900	26,400	28,800	19,300	18,100	18,700	21,200	19,300	20,200	19,900	16,200	18,400
10	29,500	26,200	28,100	19,200	17,400	18,700	19,900	16,600	18,800	19,800	18,200	19,200
11	29,300	20,300	24,600	18,800	17,600	18,500	18,400	16,600	17,600	22,500	18,900	20,300
12	27,400	20,000	24,100	18,300	15,200	17,600	19,100	16,700	17,600	24,000	20,500	21,900
13	27,200	21,100	25,500	18,500	15,200	17,300	20,100	16,600	18,100	24,300	21,700	22,700
14	26,500	25,100	26,000	17,900	15,900	17,300	19,600	17,600	18,500	26,600	23,400	24,600
15	26,000	22,900	25,500	17,300	14,800	16,800	19,400	17,500	18,500	33,400	25,900	28,800
16	26,400	23,600	25,700	17,200	14,400	15,900	19,900	17,600	18,700	32,800	24,200	27,100
17	26,200	24,700	25,700	16,200	14,100	15,400	19,800	18,000	18,800	26,200	23,100	24,300
18	25,500	24,800	25,300	16,100	13,400	15,300	19,800	18,400	19,100	24,000	22,700	23,300
19	25,000	22,400	24,300	17,800	13,100	15,700	19,400	18,000	18,700	24,500	22,200	23,400
20	25,100	20,500	23,500	16,900	15,500	16,200	18,900	16,200	17,700	24,700	23,400	24,100
21	24,400	21,500	23,200	17,000	16,400	16,700	18,700	16,400	17,600	25,500	24,400	24,800
22	24,200	21,600	23,200	16,800	16,100	16,500	19,200	16,000	17,800	26,600	25,000	25,900
23	23,100	20,300	21,900	16,700	16,400	16,500	19,400	15,700	18,100	29,000	26,200	27,600
24	24,000	20,400	21,800	16,700	16,200	16,400	19,100	16,200	17,800	27,600	24,200	26,400
25	21,800	18,500	20,200	16,700	15,600	16,300	19,500	16,300	18,000	25,800	23,800	25,000
26	21,100	20,000	20,400	16,800	15,600	16,200	19,700	16,800	18,400	24,800	22,900	24,300
27	21,000	19,600	20,500	16,700	15,600	16,000	21,600	18,000	19,400	23,700	20,500	22,700
28	21,800	19,500	20,800	16,900	15,600	16,300	20,500	18,400	19,600	21,700	20,200	21,100
29	22,100	20,100	21,100	17,200	15,500	16,400	20,000	19,100	19,600	21,300	20,400	21,000
30	21,800	20,100	20,900	18,500	15,500	16,800	19,700	18,900	19,300	21,300	20,600	21,000
31	---	---	---	19,400	16,500	17,600	19,300	18,700	19,000	---	---	---
MONTH	38,500	13,200	24,400	22,000	13,100	17,600	21,600	15,200	18,300	33,400	13,800	22,200

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	14.1	13.0	13.8	14.5	12.7	13.2	---	---	---	12.2	10.7	11.3
2	14.2	13.2	13.8	13.4	12.8	13.1	---	---	---	12.0	8.9	10.6
3	14.2	13.3	14.0	13.2	12.7	13.0	---	---	---	12.1	8.9	10.5
4	14.2	13.4	13.9	14.5	12.8	13.4	---	---	---	12.1	9.0	10.6
5	14.2	13.3	13.9	14.6	13.0	13.5	---	---	---	12.3	9.3	10.7
6	13.9	13.2	13.7	---	---	---	---	---	---	12.1	9.2	10.1
7	13.9	13.5	13.7	---	---	---	---	---	---	13.7	11.1	12.2
8	13.8	13.5	13.7	---	---	---	---	---	---	13.5	11.0	12.0
9	13.8	13.4	13.6	---	---	---	16.1	10.4	13.5	14.4	9.3	11.4
10	13.6	12.1	12.9	---	---	---	16.9	6.3	10.8	11.6	8.2	10.1
11	13.3	12.2	13.0	---	---	---	13.7	9.6	11.2	12.6	10.4	11.2
12	13.0	12.1	12.7	14.5	12.1	13.4	14.0	11.1	12.4	12.4	9.9	11.1
13	13.1	12.4	12.9	14.6	12.9	13.3	17.0	12.0	14.6	11.7	10.2	11.0
14	13.0	11.3	12.2	17.6	14.6	15.6	14.5	8.2	11.5	11.5	8.6	10.0
15	12.1	11.5	11.9	16.0	13.5	14.8	13.7	10.9	12.3	17.4	7.6	11.5
16	12.0	11.5	11.8	15.9	13.7	14.8	13.8	7.9	11.0	15.2	9.8	13.3
17	11.9	10.8	11.5	15.8	14.3	15.0	8.3	6.1	7.0	15.2	12.8	14.0
18	11.7	11.1	11.5	17.5	13.8	15.8	10.5	5.4	7.2	14.4	11.1	12.2
19	11.7	11.4	11.6	13.8	9.7	11.4	10.8	6.0	8.3	12.1	5.2	8.2
20	12.4	11.1	11.7	13.9	11.9	12.9	11.4	6.3	8.7	12.9	9.4	10.7
21	11.7	9.9	11.2	13.4	11.4	12.1	12.3	7.9	9.8	11.8	7.5	10
22	10.2	8.7	9.4	13.4	10.9	12.1	13.3	8.4	10.7	11.8	7.0	9.6
23	13.0	8.5	10.5	14.6	12.1	13.0	13.9	9.3	11.2	11.3	7.4	9.5
24	11.8	10.5	11.4	14.9	10.4	12.0	11.3	6.2	9.1	10.7	7.0	8.9
25	12.6	10.9	11.7	17.1	12.1	14.3	12.0	9.9	10.8	12.4	7.9	9.7
26	13.5	11.2	12.3	16.4	13.3	14.5	12.4	10.1	11.1	12.6	9.1	10.3
27	13.3	11.7	12.2	17.5	13.9	15.0	12.1	10.5	11.4	10.1	5.3	7.3
28	14.2	11.8	12.6	---	---	---	12.6	10.8	11.7	9.1	5.2	7.4
29	13.0	10.6	12.1	---	---	---	14.4	9.9	12.5	9.4	6.1	7.5
30	13.9	11.2	12.7	---	---	---	12.1	9.8	11.1	11.1	7.7	8.9
31	13.4	12.1	12.9	---	---	---	12.3	11.1	11.7	17.2	8.5	11.4
MONTH	14.2	8.5	12.5	---	---	---	---	---	---	17.4	5.2	10.4
FEBRUARY			MARCH			APRIL			MAY			
1	19.4	15.9	17.6	10.7	7.0	9.0	5.1	3.9	4.8	3.8	3.2	3.7
2	19.4	14.5	16.5	10.4	6.6	8.7	5.2	3.7	4.5	3.5	2.7	3.2
3	15.2	8.7	11.1	10.0	7.2	8.4	4.9	3.1	4.2	3.1	2.3	2.8
4	17.5	11.1	13.5	9.4	7.0	8.5	4.0	3.0	3.4	3.0	2.3	2.7
5	18.6	11.8	14.5	10.8	6.0	8.2	6.2	3.3	4.7	3.0	2.5	2.8
6	14.8	8.6	11.1	10.9	6.0	7.7	6.0	4.4	5.2	3.5	2.1	2.9
7	10.5	4.1	6.4	6.8	4.3	5.2	6.0	4.0	5.5	3.5	2.7	3.1
8	7.5	5.0	6.0	5.5	4.1	4.7	5.4	3.1	4.0	3.6	2.7	3.2
9	8.6	6.0	7.1	4.7	1.9	3.5	6.6	3.4	5.0	4.0	3.1	3.4
10	10.1	6.9	8.1	6.2	2.1	3.8	6.0	4.1	5.2	4.8	3.3	3.8
11	10.7	6.5	8.6	6.0	3.1	4.1	6.3	3.6	5.3	4.8	3.6	4.1
12	8.1	6.3	6.9	5.7	3.1	4.3	6.2	4.0	5.0	4.6	3.9	4.2
13	10.9	5.3	7.7	8.3	3.6	5.6	4.1	1.2	2.1	4.1	3.7	3.9
14	12.6	6.1	9.0	8.7	4.9	6.4	2.1	1.5	1.8	4.1	3.6	3.8
15	6.8	1.3	2.7	7.8	5.3	6.7	2.7	1.5	1.9	4.4	3.5	3.9
16	4.7	3.0	3.8	7.4	5.3	6.5	2.7	1.9	2.4	4.0	3.5	3.7
17	7.7	2.6	4.2	7.3	6.3	6.7	3.1	2.6	2.9	3.9	3.6	3.8
18	7.7	2.7	3.9	7.2	5.3	6.2	4.5	2.8	3.2	3.9	3.3	3.7
19	8.3	2.1	4.1	6.6	5.6	6.2	4.5	2.9	3.9	3.8	3.5	3.7
20	8.7	4.6	6.6	6.5	6.0	6.2	4.6	3.1	3.8	3.8	3.5	3.6
21	8.9	6.5	7.6	6.2	4.7	5.6	4.8	3.1	4.1	3.6	3.2	3.4
22	9.4	8.3	8.8	7.8	5.0	6.3	4.6	3.9	4.2	3.5	3.0	3.3
23	13.3	8.4	9.9	8.2	6.4	7.4	4.5	3.9	4.1	3.4	3.2	3.3
24	14.0	11.4	12.2	8.6	7.1	7.7	5.2	3.9	4.2	3.4	3.2	3.3
25	12.0	9.8	11.2	9.1	7.7	8.3	4.6	3.8	4.2	3.3	2.9	3.1
26	9.8	6.7	8.3	9.0	8.0	8.4	4.3	3.9	4.1	3.2	2.5	2.8
27	8.7	6.6	7.5	8.7	8.0	8.5	4.3	3.8	4.1	2.8	2.3	2.5
28	8.5	6.3	7.5	8.5	7.6	8.2	4.7	4.0	4.1	2.7	2.3	2.4
29	10.4	6.7	8.2	7.9	6.5	7.3	4.5	4.0	4.3	2.8	2.4	2.5
30	---	---	---	7.1	5.1	6.1	4.4	3.8	4.0	16.2	2.4	7.1
31	---	---	---	6.7	3.0	4.6	---	---	---	19.4	4.6	14.2
MONTH	19.4	1.3	8.6	10.9	1.9	6.6	6.6	1.2	4.0	19.4	2.1	3.8

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

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.7	8.4	18.4	13.2	11.8	12.6	11.1	10.0	10.6	11.6	11.2	11.3
2	25.1	9.5	19.1	13.1	11.7	12.5	10.8	9.9	10.4	11.4	11.2	11.3
3	23.1	8.1	16.8	12.9	11.5	12.3	10.7	9.8	10.4	11.6	11.1	11.4
4	22.8	7.9	15.2	12.6	11.5	12.2	10.5	9.7	10.2	12.4	11.1	11.6
5	20.9	7.8	15.2	12.4	11.7	12.1	9.7	8.9	9.2	11.9	11.1	11.5
6	18.7	11.3	15.1	12.2	11.5	12.0	9.9	9.2	9.6	11.5	10.2	11.0
7	19.6	14.8	16.7	11.9	10.8	11.5	10.8	9.3	10.2	10.9	7.9	9.9
8	19.3	15.3	17.3	11.5	10.4	11.1	13.0	10.7	12.2	10.7	9.0	9.9
9	20.5	16.6	18.3	11.5	10.7	11.1	12.7	11.5	12.0	11.8	9.4	10.9
10	18.9	16.5	17.8	11.4	10.2	11.1	11.8	9.7	11.1	11.8	10.7	11.4
11	18.7	12.6	15.4	11.1	10.4	10.9	10.9	9.7	10.4	13.5	11.2	12.1
12	17.4	12.3	15.1	10.8	8.9	10.3	11.4	9.8	10.4	14.5	12.2	13.2
13	17.2	13.1	16.0	10.9	8.9	10.2	12.0	9.7	10.7	14.7	13.0	13.7
14	16.7	15.8	16.4	10.5	9.3	10.2	11.7	10.4	10.9	16.3	14.2	14.9
15	16.4	14.3	16.1	10.2	8.6	9.8	11.5	10.3	10.9	20.9	15.8	17.7
16	16.1	14.3	15.7	10.1	8.3	9.3	11.8	10.4	11.1	20.5	14.7	16.6
17	16.0	15.0	15.6	9.4	8.1	9.0	11.8	10.6	11.2	16.0	13.9	14.7
18	15.5	15.0	15.4	9.4	7.7	8.9	11.8	10.9	11.3	14.5	13.7	14.1
19	15.2	13.5	14.7	10.5	7.5	9.2	11.5	10.6	11.1	14.8	13.3	14.2
20	15.3	12.2	14.2	9.9	9.0	9.4	11.2	9.4	10.4	15.0	14.2	14.6
21	14.8	12.9	14.0	10.0	9.6	9.8	11.1	9.6	10.4	15.5	14.8	15.1
22	14.7	13.0	14.0	9.9	9.4	9.7	11.4	9.3	10.5	16.3	15.2	15.8
23	13.9	12.1	13.2	9.8	9.6	9.7	11.5	9.1	10.7	17.9	16.0	16.9
24	14.5	12.1	13.1	9.8	9.4	9.6	11.4	9.4	10.5	16.9	14.7	16.1
25	13.1	10.9	12.1	9.8	9.1	9.5	11.6	9.5	10.6	15.8	14.4	15.2
26	12.6	11.9	12.1	9.9	9.1	9.4	11.7	9.9	10.9	15.0	13.8	14.7
27	12.6	11.7	12.2	9.8	9.1	9.3	13.0	10.6	11.5	14.4	12.2	13.6
28	13.1	11.6	12.4	9.9	9.1	9.5	12.2	10.9	11.7	13.0	12.0	12.6
29	13.3	12.0	12.6	10.1	9.0	9.6	11.9	11.4	11.7	12.8	12.1	12.6
30	13.1	12.0	12.5	10.9	9.0	9.8	11.7	11.2	11.5	12.8	12.3	12.6
31	---	---	---	11.5	9.7	10.4	11.5	11.1	11.3	---	---	---
MONTH	25.1	7.8	15.1	13.2	7.5	10.4	13.0	8.9	10.8	20.9	7.9	13.4

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

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	21.3	21.9	24.5	23.3	23.8	---	---	---	15.0	13.6	14.2
2	22.2	20.9	21.5	25.0	23.6	24.2	---	---	---	15.3	14.7	15.0
3	21.9	20.0	21.0	24.9	23.5	24.2	---	---	---	16.5	15.2	15.9
4	23.1	21.4	22.1	25.2	23.9	24.5	---	---	---	17.7	16.1	16.8
5	24.4	22.6	23.3	25.7	24.7	25.1	---	---	---	18.6	16.7	17.6
6	25.0	23.7	24.2	---	---	---	---	---	---	16.7	12.5	14.1
7	25.9	24.2	24.9	---	---	---	---	---	---	12.6	9.7	10.9
8	26.4	25.0	25.6	---	---	---	---	---	---	10.4	9.8	10.1
9	26.4	25.5	25.9	---	---	---	13.3	12.1	12.6	11.7	10.3	10.9
10	26.1	25.1	25.5	---	---	---	13.4	12.4	12.8	11.0	10.0	10.5
11	25.4	24.8	25.1	---	---	---	12.8	11.2	11.9	10.9	9.2	10.1
12	25.6	24.3	24.9	24.9	22.7	23.7	12.9	11.4	12.1	12.0	10.1	11.0
13	25.9	24.5	25.1	24.0	20.5	22.8	12.8	12.2	12.5	13.0	11.3	11.9
14	26.4	25.1	25.6	20.5	18.6	19.2	12.7	11.9	12.2	14.9	12.6	13.3
15	25.2	22.8	23.5	19.9	18.3	19.1	12.9	11.4	12.0	14.2	13.1	13.7
16	23.5	22.1	22.8	20.9	19.4	20.0	14.0	12.2	13.1	14.3	13.5	13.9
17	24.5	22.6	23.4	21.7	20.3	20.9	13.1	10.2	11.0	14.4	14.0	14.2
18	23.9	21.8	22.6	22.0	20.9	21.4	11.5	9.6	10.6	15.9	14.4	15.2
19	22.6	21.3	22.0	20.9	17.8	18.9	11.5	10.4	10.9	15.1	13.0	14.3
20	23.5	21.9	22.5	18.2	17.3	17.9	11.5	10.2	10.9	13.0	11.3	12.1
21	24.0	22.2	23.1	19.0	17.5	18.2	12.0	10.5	11.3	13.0	11.2	12.1
22	24.1	22.6	23.3	19.7	18.2	19.0	12.9	11.5	12.2	13.4	11.7	12.5
23	24.2	22.8	23.5	20.6	19.3	19.9	13.5	12.4	12.9	14.0	12.0	12.9
24	25.5	23.5	24.3	20.3	15.5	17.7	13.3	12.0	12.8	14.2	12.8	13.6
25	25.2	24.4	24.8	15.8	14.3	15.2	12.4	11.2	11.8	15.8	14.0	14.8
26	25.6	24.5	25.0	16.0	14.8	15.4	12.9	11.1	11.9	15.6	15.2	15.4
27	25.0	21.9	23.3	17.0	15.9	16.5	13.8	12.0	12.8	15.4	12.1	13.9
28	22.1	21.0	21.4	---	---	---	14.4	13.2	13.7	12.1	9.0	10.2
29	21.9	20.3	21.1	---	---	---	14.7	13.7	14.2	11.0	9.7	10.4
30	23.1	21.3	22.0	---	---	---	14.4	12.8	13.5	11.3	10.7	11.0
31	24.1	22.4	23.1	---	---	---	14.2	12.8	13.4	11.3	11.0	11.1
MONTH	26.4	20.0	23.5	---	---	---	---	---	---	18.6	9.0	13.0
FEBRUARY			MARCH			APRIL			MAY			
1	12.1	11.0	11.5	16.6	15.2	15.8	20.4	19.1	19.7	23.5	21.5	22.4
2	13.0	12.0	12.4	17.8	16.5	17.1	20.7	19.3	20.0	23.1	21.6	22.5
3	12.9	11.5	12.2	19.4	17.7	18.6	21.4	19.3	20.4	22.3	20.5	21.3
4	12.3	11.5	12.0	20.4	18.6	19.5	22.4	20.0	21.0	22.4	20.1	21.0
5	15.0	12.3	13.7	22.2	19.7	21.0	21.4	19.5	20.6	23.5	21.0	22.0
6	16.8	14.5	15.3	24.4	21.5	22.8	21.7	19.8	20.7	24.4	22.0	23.0
7	14.6	12.4	13.5	23.1	21.8	22.5	22.4	20.7	21.3	25.4	23.1	24.1
8	12.4	10.4	11.0	21.8	19.7	20.6	23.5	21.5	22.3	26.3	24.1	25.0
9	12.2	10.6	11.3	20.6	17.6	19.4	24.1	22.3	23.2	27.0	25.2	26.1
10	12.6	11.9	12.3	17.6	15.0	16.6	25.0	23.2	24.1	26.5	25.4	26.0
11	13.2	12.4	12.7	17.3	15.5	16.5	24.5	22.6	23.4	26.8	25.3	26.0
12	14.5	12.8	13.4	18.3	16.2	17.3	23.0	20.8	22.2	26.8	25.4	26.1
13	13.0	11.6	12.0	18.5	17.3	18.0	20.8	16.8	18.1	27.1	25.2	26.2
14	12.1	11.3	11.7	18.7	18.3	18.5	18.4	15.8	17.1	27.7	25.9	26.8
15	11.3	9.7	10.5	19.2	18.5	18.9	19.3	16.6	17.9	26.9	25.3	26.0
16	12.1	9.9	10.8	20.5	19.0	19.7	21.2	18.4	19.6	26.6	24.9	25.7
17	12.8	10.7	11.7	20.5	19.0	19.9	22.5	19.7	20.9	26.8	25.6	26.2
18	13.2	11.3	12.2	21.7	19.5	20.6	23.5	20.9	22.0	27.4	25.6	26.5
19	14.7	12.0	13.2	23.2	20.7	21.8	24.1	21.5	22.7	28.0	26.2	27.0
20	15.2	13.6	14.2	23.9	21.8	22.7	24.0	22.4	23.1	28.4	26.6	27.5
21	16.1	14.5	15.2	23.9	22.2	23.1	23.9	22.5	23.2	29.3	27.1	27.9
22	16.6	15.0	15.8	22.2	18.8	19.8	24.6	22.7	23.6	29.4	27.6	28.4
23	16.4	15.4	15.8	19.0	16.9	18.1	25.8	23.8	24.5	28.9	27.4	28.2
24	15.7	15.3	15.5	19.1	17.3	18.2	26.2	24.3	25.1	29.5	27.3	28.2
25	16.3	15.3	15.7	20.3	18.4	19.2	25.7	24.9	25.3	29.6	27.4	28.4
26	16.1	13.8	14.8	21.4	19.5	20.3	25.4	24.3	24.8	29.1	27.4	28.3
27	13.9	12.8	13.4	22.6	20.3	21.3	24.6	22.7	23.6	28.8	26.9	27.8
28	14.6	12.5	13.7	23.1	21.4	22.1	24.0	22.1	23.3	29.2	26.8	27.9
29	15.4	13.9	14.6	23.7	22.3	22.9	23.4	22.1	22.8	29.4	27.6	28.5
30	---	---	---	23.7	22.0	22.9	23.2	21.8	22.4	29.5	28.0	28.6
31	---	---	---	22.7	20.4	21.8	---	---	---	29.5	27.7	28.5
MONTH	16.8	9.7	13.2	24.4	15.0	19.9	26.2	15.8	22.0	29.6	20.1	26.1

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

 TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.2	28.0	28.5	30.3	28.9	29.5	32.4	30.5	31.2	30.7	28.9	29.8
2	28.5	27.1	27.9	30.3	29.0	29.6	32.0	30.7	31.3	31.1	29.5	30.2
3	28.7	26.8	27.4	31.2	29.0	29.8	32.3	30.4	31.2	30.9	29.6	30.2
4	27.6	26.6	27.1	31.6	29.5	30.4	34.2	30.8	32.1	30.1	29.1	29.6
5	27.9	26.9	27.4	32.3	29.9	31.0	32.6	30.9	31.6	30.7	28.9	29.7
6	28.9	26.8	27.6	32.1	30.5	31.2	31.8	29.6	30.8	30.4	28.9	29.7
7	28.9	27.0	28.0	31.1	29.8	30.4	30.0	28.8	29.4	30.5	28.4	29.5
8	29.6	28.0	28.8	30.1	29.1	29.5	29.4	28.3	28.7	30.3	28.4	29.2
9	30.1	28.2	29.1	29.7	28.3	29.1	29.6	27.9	28.6	30.1	28.7	29.3
10	30.6	28.8	29.6	30.6	28.7	29.5	30.9	28.8	29.7	30.3	28.8	29.5
11	31.7	29.0	30.1	31.9	29.5	30.4	30.6	29.6	30.1	29.8	28.4	29.2
12	32.9	29.7	30.7	31.4	30.0	30.7	30.5	28.8	29.7	29.1	27.9	28.5
13	30.9	30.1	30.6	31.6	29.4	30.3	28.8	26.3	27.3	28.6	27.2	27.8
14	30.1	29.2	29.6	31.6	29.3	30.3	26.3	24.5	25.4	28.6	27.3	27.9
15	30.1	28.3	29.2	31.6	29.7	30.7	26.0	24.2	25.1	27.8	26.2	27.1
16	30.6	28.9	29.8	31.2	29.7	30.2	26.4	24.7	25.4	27.5	25.2	26.3
17	32.3	29.2	30.3	30.5	29.1	29.9	27.5	25.6	26.5	29.2	26.7	27.7
18	32.7	30.5	31.4	30.1	28.6	29.3	28.8	26.6	27.4	29.8	28.2	28.9
19	31.8	30.9	31.3	30.4	28.3	29.1	29.7	27.7	28.5	29.4	27.6	28.4
20	32.0	29.8	30.8	30.9	29.0	30.0	30.5	28.6	29.5	28.1	26.8	27.4
21	31.3	30.1	30.6	31.0	29.5	30.1	30.9	29.2	30.0	26.8	25.6	26.3
22	31.1	29.5	30.3	31.8	29.5	30.3	32.0	29.5	30.5	26.0	25.1	25.4
23	31.1	29.6	30.3	32.0	30.1	30.9	32.2	30.0	31.0	26.2	24.9	25.4
24	30.4	29.0	29.8	32.6	30.8	31.7	32.5	30.4	31.2	26.8	25.4	26.1
25	29.2	27.8	28.5	32.8	31.5	32.0	32.1	30.3	31.2	27.4	26.0	26.7
26	28.7	27.5	28.2	31.9	30.6	31.2	32.4	30.6	31.3	27.1	25.8	26.5
27	30.4	27.9	29.0	31.2	29.6	30.4	31.9	30.4	31.0	27.2	25.6	26.3
28	29.8	29.0	29.4	32.5	29.5	30.5	31.4	30.1	30.8	27.4	25.7	26.4
29	29.8	28.6	29.0	32.4	30.4	31.1	30.7	29.5	30.1	27.7	26.0	26.9
30	30.2	28.4	29.2	31.9	30.7	31.3	29.5	28.9	29.2	28.1	26.4	27.2
31	---	---	---	31.9	30.5	31.1	29.5	28.1	28.8	---	---	---
MONTH	32.9	26.6	29.3	32.8	28.3	30.4	34.2	24.2	29.5	31.1	24.9	28.0

07375000 TCHEFUNCTE RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30° 36'57", long 90° 14'55", on line between SE $\frac{1}{4}$ NE $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$ 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. Prior to October 2000, published as Tchefuncta River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WDR LA-83-2: 1948(M), 1953(M), 1961(M), 1962(M), 1973(M), 1977(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft above NGVD of 1929. Prior to June 9, 1944, non-recording gage at same site and datum.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 26	0900	1,850	14.97	May 16	0130	*5,700	*18.99
May 14	0330	1,380	13.86	Jun 30	0257	2,090	15.48

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	55	65	85	80	179	62	75	69	954	59	61
2	56	55	62	73	70	169	61	120	100	454	58	58
3	55	54	60	69	68	147	61	168	118	266	57	57
4	56	54	59	67	66	127	61	92	199	201	56	71
5	56	55	59	69	67	118	61	70	122	148	55	66
6	55	54	58	97	164	134	60	61	92	133	55	59
7	56	54	57	86	323	218	61	56	92	114	60	56
8	57	53	57	73	199	144	61	53	93	560	58	54
9	62	53	57	98	118	110	60	51	77	726	55	53
10	65	52	60	112	100	95	59	49	68	267	64	52
11	74	52	62	85	143	86	59	49	63	760	63	51
12	73	53	60	74	502	81	61	113	59	307	e330	51
13	66	52	61	70	884	77	60	873	56	188	170	51
14	63	50	78	67	756	75	59	1,210	60	143	84	51
15	61	51	74	66	358	78	57	2,230	73	111	67	51
16	59	51	65	64	248	118	57	4,190	63	96	61	51
17	58	52	62	64	175	120	56	1,470	59	87	58	50
18	58	56	60	65	140	94	55	609	56	85	57	50
19	57	75	59	68	121	82	54	422	56	83	55	49
20	57	73	58	63	108	77	54	255	54	76	61	48
21	56	59	57	60	100	74	53	175	63	72	98	48
22	55	56	57	59	91	70	53	128	60	70	88	48
23	55	55	59	58	186	68	52	104	57	70	73	49
24	54	56	64	59	738	67	51	91	68	76	65	50
25	54	63	66	61	1,300	66	55	83	332	77	61	51
26	55	61	61	71	1,760	66	215	76	1,230	67	60	50
27	102	67	59	73	929	66	469	71	1,190	66	58	49
28	70	121	58	63	331	65	141	67	1,400	67	57	48
29	61	102	64	59	214	65	79	64	1,700	63	64	47
30	57	72	161	65	---	64	68	62	1,600	61	101	47
31	55	---	135	90	---	64	---	61	---	59	72	---
TOTAL	1,874	1,816	2,074	2,233	10,339	3,064	2,415	13,198	9,329	6,507	2,380	1,577
MEAN	60.5	60.5	66.9	72.0	357	98.8	80.5	426	311	210	76.8	52.6
MAX	102	121	161	112	1,760	218	469	4,190	1,700	954	330	71
MIN	54	50	57	58	66	64	51	49	54	59	55	47
CFSM	0.63	0.63	0.70	0.75	3.73	1.03	0.84	4.46	3.26	2.20	0.80	0.55
IN.	0.73	0.71	0.81	0.87	4.03	1.19	0.94	5.14	3.63	2.53	0.93	0.61

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

	73.8	118	181	208	293	252	232	154	97.0	104	96.0	97.3
MEAN	73.8	118	181	208	293	252	232	154	97.0	104	96.0	97.3
MAX	608	800	866	831	1,257	621	1,227	853	373	845	426	444
(WY)	(2003)	(1962)	(1954)	(1998)	(1961)	(1973)	(1983)	(1953)	(1959)	(2003)	(1983)	(2002)
MIN	27.6	39.0	51.3	57.7	47.9	51.5	42.5	32.0	35.5	30.7	28.8	29.3
(WY)	(2001)	(2000)	(1970)	(1957)	(2000)	(2000)	(2000)	(2001)	(1968)	(2000)	(2000)	(2000)

07375000 TCHEFUNCTE RIVER NEAR FOLSOM, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1944 - 2004	
ANNUAL TOTAL	78,944		56,806		158	
ANNUAL MEAN	216		155		313	1949
HIGHEST ANNUAL MEAN					47.4	2000
LOWEST ANNUAL MEAN					15,100	Feb 22, 1961
HIGHEST DAILY MEAN	10,400	Jul 1	4,190	May 16	27	Jun 5, 1981
LOWEST DAILY MEAN	50	Nov 14	47	Sep 29	0.00	Sep 30, 2000
ANNUAL SEVEN-DAY MINIMUM	52	Nov 10	49	Sep 17	29,800	Apr 5, 1983
MAXIMUM PEAK FLOW			5,700	May 16	24.14	Apr 5, 1983
MAXIMUM PEAK STAGE			18.99	May 16	26	Sep 4, 1968
INSTANTANEOUS LOW FLOW			46	Sep 30	a4.45	Sep 6, 2000
INSTANTANEOUS LOW STAGE			5.26	Sep 30	1.65	
ANNUAL RUNOFF (CFSM)	2.26		1.63		22.47	
ANNUAL RUNOFF (INCHES)	30.75		22.13		291	
10 PERCENT EXCEEDS	383		216		69	
50 PERCENT EXCEEDS	76		64		42	
90 PERCENT EXCEEDS	57		53			

a Also occurred Sep 7, Oct 30, 31, 2000.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.50	5.48	5.66	5.96	5.90	7.15	5.53	5.86	5.83	12.35	5.60	5.58
2	5.50	5.47	5.61	5.80	5.74	7.04	5.51	6.43	6.27	9.46	5.59	5.52
3	5.48	5.47	5.58	5.73	5.71	6.80	5.50	7.01	6.50	8.04	5.57	5.50
4	5.48	5.46	5.56	5.69	5.67	6.56	5.49	6.11	7.39	7.38	5.55	5.74
5	5.49	5.48	5.56	5.72	5.69	6.45	5.48	5.79	6.55	6.81	5.53	5.66
6	5.48	5.47	5.54	6.13	6.91	6.63	5.46	5.64	6.18	6.63	5.53	5.54
7	5.49	5.46	5.53	5.98	8.53	7.56	5.47	5.55	6.17	6.39	5.63	5.48
8	5.51	5.45	5.53	5.79	7.32	6.76	5.48	5.50	6.18	10.07	5.57	5.45
9	5.59	5.44	5.54	6.15	6.41	6.34	5.46	5.46	5.96	11.17	5.53	5.42
10	5.64	5.44	5.58	6.33	6.18	6.15	5.44	5.43	5.82	8.03	5.67	5.40
11	5.78	5.43	5.61	5.97	6.70	6.02	5.45	5.42	5.74	11.40	5.66	5.39
12	5.77	5.44	5.57	5.81	9.79	5.95	5.48	6.23	5.68	8.35	---	5.38
13	5.66	5.43	5.60	5.74	12.04	5.89	5.46	11.67	5.62	7.25	7.04	5.38
14	5.61	5.40	5.86	5.70	11.32	5.85	5.43	13.29	5.68	6.75	5.97	5.38
15	5.58	5.41	5.81	5.68	8.80	5.88	5.41	14.15	5.90	6.36	5.71	5.39
16	5.55	5.42	5.67	5.65	7.85	6.43	5.41	17.81	5.75	6.15	5.62	5.38
17	5.53	5.43	5.61	5.65	7.09	6.45	5.38	13.92	5.66	6.03	5.57	5.36
18	5.52	5.49	5.57	5.66	6.70	6.08	5.37	10.51	5.61	6.01	5.54	5.36
19	5.51	5.81	5.56	5.71	6.46	5.92	5.36	9.29	5.62	5.97	5.51	5.34
20	5.50	5.78	5.54	5.63	6.30	5.84	5.35	7.94	5.58	5.88	5.60	5.32
21	5.49	5.55	5.53	5.58	6.20	5.78	5.34	7.15	5.73	5.82	6.15	5.32
22	5.48	5.51	5.53	5.56	6.07	5.72	5.34	6.63	5.69	5.79	6.01	5.31
23	5.47	5.50	5.56	5.55	7.08	5.68	5.33	6.33	5.64	5.79	5.80	5.32
24	5.46	5.51	5.64	5.56	11.25	5.65	5.31	6.16	5.80	5.88	5.66	5.34
25	5.46	5.62	5.67	5.59	13.52	5.64	5.36	6.04	8.33	5.89	5.60	5.35
26	5.49	5.60	5.59	5.76	14.77	5.63	7.31	5.95	13.35	5.74	5.58	5.33
27	6.18	5.69	5.56	5.78	12.07	5.62	9.62	5.87	13.27	5.72	5.54	5.31
28	5.73	6.45	5.55	5.63	8.57	5.60	6.69	5.81	13.90	5.73	5.51	5.29
29	5.58	6.19	5.64	5.56	7.52	5.59	5.92	5.76	14.64	5.66	5.63	5.28
30	5.52	5.78	6.90	5.66	---	5.58	5.76	5.72	14.34	5.63	6.18	5.27
31	5.49	---	6.60	6.04	---	5.57	---	5.71	---	5.61	5.76	---
MAX	6.18	6.45	6.90	6.33	14.77	7.56	9.62	17.81	14.64	12.35	---	5.74
MIN	5.46	5.40	5.53	5.55	5.67	5.57	5.31	5.42	5.58	5.61	---	5.27

07375050 TCHEFUNCTE RIVER NEAR COVINGTON, LA

LOCATION.--Lat 30° 29'40", long 90° 10'10", in SW $\frac{1}{4}$ sec.26, T.6 S., R.10 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 08090201, at bridge on U.S. Highway 190, 2.4 mi west of intersection with W. 21st Avenue, and 4.0 mi west of Covington.

DRAINAGE AREA.--145 mi².

PERIOD OF RECORD.--November 1950 to September 1965 (annual maximum and discharge measurements). October 1963 to December 1967 (low-flow station). October 1977 to September 1982 (discharge measurements only). January 1998 to current year (gage height only).

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 29.86 ft, May 3, 1953; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 25.06 ft, May 16; minimum elevation, 9.60 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.87	9.77	10.07	10.70	10.54	12.51	10.04	10.37	10.38	19.79	10.02	10.09
2	9.85	9.75	9.96	10.29	10.31	12.19	10.01	10.62	10.89	16.88	10.00	9.94
3	9.83	9.74	9.91	10.13	10.20	11.95	9.98	11.18	11.14	13.77	9.97	9.95
4	9.82	9.74	9.88	10.05	10.13	11.63	9.96	11.09	12.07	12.86	9.95	10.46
5	9.81	9.74	9.86	10.75	10.44	11.37	9.95	10.51	11.83	11.94	9.93	10.12
6	9.80	9.74	9.85	11.05	13.82	11.32	9.94	10.23	11.94	11.42	9.90	9.99
7	9.79	9.73	9.83	10.68	13.95	11.77	9.94	10.08	11.42	11.18	9.89	9.88
8	9.79	9.72	9.82	10.46	13.06	11.99	9.93	9.99	11.03	11.48	9.95	9.83
9	9.81	9.71	9.83	10.89	11.61	11.31	9.92	9.93	10.74	15.28	9.92	9.80
10	9.95	9.71	9.84	10.90	11.20	10.96	9.91	9.89	10.50	13.94	10.02	9.77
11	10.02	9.70	9.86	10.66	12.60	10.77	9.91	9.86	10.35	14.48	10.18	9.75
12	10.06	9.70	9.89	10.33	16.07	10.63	9.90	12.70	10.26	15.38	10.36	9.74
13	10.01	9.70	10.0	10.16	17.07	10.54	9.92	21.55	10.19	12.34	11.84	9.81
14	9.93	9.69	10.21	10.08	17.46	10.48	9.90	19.31	10.20	11.63	10.90	9.91
15	9.88	9.67	10.20	10.04	15.67	10.46	9.87	18.71	10.73	11.13	10.28	9.90
16	9.84	9.68	10.08	10.01	13.48	11.69	9.85	23.04	10.87	10.83	10.07	9.75
17	9.81	9.69	9.96	10.25	12.36	11.90	9.84	23.23	10.39	10.64	9.98	9.73
18	9.80	9.76	9.90	11.02	11.63	11.21	9.82	19.75	10.20	10.62	9.92	9.71
19	9.79	9.81	9.86	10.36	11.27	10.80	9.80	16.52	10.51	10.49	9.89	9.70
20	9.78	10.05	9.84	10.16	11.02	10.57	9.79	14.43	10.22	10.41	9.94	9.68
21	9.76	9.98	9.83	10.01	10.86	10.44	9.78	12.64	10.19	10.32	10.60	9.67
22	9.75	9.82	9.82	9.94	10.74	10.34	9.77	11.83	10.24	10.26	10.73	9.66
23	9.74	9.78	10.03	9.90	13.26	10.26	9.77	11.35	10.26	10.30	10.36	9.68
24	9.73	9.80	10.29	9.88	18.48	10.21	9.77	11.06	10.61	10.32	10.14	9.69
25	9.72	9.79	10.06	9.91	19.27	10.18	9.85	10.87	15.00	10.33	10.01	9.68
26	9.72	9.88	9.99	9.94	20.51	10.16	10.61	10.72	19.45	10.26	9.95	9.68
27	9.78	10.20	9.90	10.07	20.62	10.13	12.63	10.60	21.12	10.16	9.92	9.66
28	10.32	10.75	9.87	10.04	16.67	10.11	13.00	10.51	20.35	10.16	9.91	9.64
29	9.95	10.75	10.07	9.93	13.35	10.18	10.97	10.43	20.54	10.13	9.91	9.62
30	9.84	10.37	10.63	10.37	---	10.21	10.50	10.37	20.74	10.07	10.15	9.61
31	9.79	---	11.35	10.63	---	10.09	---	10.32	---	10.05	10.51	---
MAX	10.32	10.75	11.35	11.05	20.62	12.51	13.00	23.23	21.12	19.79	11.84	10.46
MIN	9.72	9.67	9.82	9.88	10.13	10.09	9.77	9.86	10.19	10.05	9.89	9.61

07375105 BOGUE FALAYA NEAR CAMP COVINGTON, LA

LOCATION.--Lat 30° 33'23", long 90° 08'46", sec. 26, T. 6 S., R. 11 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge on Million Dollar Road, approximately 0.1 mile east of State Highway 25, and approximately 7.0 miles northwest of Covington.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 1998 to current year.

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

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

EXTREMES FOR THE PERIOD OF RECORD.--Maximum gage height, 57.01 ft, July 1, 2003; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 45.94 ft, May 13; minimum gage height, 34.23 ft, Sept. 29.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.39	34.40	34.60	34.72	34.78	35.48	34.50	34.56	34.80	37.54	34.57	34.36
2	34.38	34.41	34.54	34.63	34.67	35.41	34.49	34.66	35.59	35.89	34.48	34.34
3	34.37	34.40	34.50	34.58	34.68	35.23	34.48	34.63	35.50	35.58	34.41	34.34
4	34.37	34.40	34.49	34.55	34.65	35.11	34.48	34.48	35.52	35.25	34.37	34.42
5	34.38	34.39	34.48	34.68	34.67	35.03	34.46	34.42	35.05	35.02	34.36	34.41
6	34.38	34.40	34.47	35.18	37.14	35.12	34.45	34.38	34.92	34.88	34.36	34.37
7	34.38	34.40	34.46	34.86	36.75	35.14	34.46	34.36	34.97	34.80	34.37	34.34
8	34.46	34.39	34.46	34.72	35.59	34.94	34.47	34.35	34.87	34.87	34.35	34.31
9	34.49	34.39	34.47	35.02	35.20	34.83	34.46	34.33	34.71	35.34	34.50	34.30
10	34.52	34.39	34.50	34.97	35.06	34.75	34.44	34.32	34.62	35.64	35.11	34.29
11	34.81	34.39	34.50	34.77	35.76	34.71	34.44	34.32	34.58	36.09	34.59	34.28
12	34.74	34.40	34.49	34.67	38.21	34.68	34.47	37.31	34.54	35.30	34.60	34.28
13	34.58	34.39	34.66	34.63	38.08	34.65	34.46	42.63	34.52	35.00	34.63	34.28
14	34.51	34.38	34.98	34.60	36.66	34.64	34.44	37.89	34.54	34.86	34.50	34.29
15	34.48	34.38	34.76	34.58	36.14	34.69	34.42	40.59	34.57	34.72	34.42	34.30
16	34.45	34.39	34.63	34.56	35.70	35.98	34.41	42.76	34.57	34.63	34.39	34.29
17	34.44	34.40	34.56	34.59	35.39	35.43	34.40	37.70	34.57	34.58	34.36	34.28
18	34.43	34.46	34.53	34.86	35.20	34.99	34.39	37.71	34.50	34.60	34.34	34.26
19	34.43	34.69	34.50	34.76	35.07	34.82	34.38	38.51	34.46	34.64	34.33	34.26
20	34.42	34.60	34.48	34.64	34.98	34.73	34.38	36.58	34.45	34.55	34.36	34.26
21	34.42	34.49	34.47	34.58	34.91	34.68	34.38	35.65	34.44	34.50	34.79	34.26
22	34.41	34.45	34.47	34.56	34.84	34.62	34.37	35.23	34.48	34.47	34.86	34.26
23	34.40	34.45	34.55	34.54	36.75	34.59	34.36	35.01	34.57	34.48	34.59	34.27
24	34.40	34.47	34.82	34.53	40.01	34.57	34.35	34.88	34.89	34.48	34.48	34.29
25	34.41	34.53	34.68	34.54	40.18	34.56	34.47	34.81	37.68	34.48	34.43	34.29
26	34.41	34.49	34.57	34.66	38.96	34.56	34.97	34.74	40.72	34.45	34.39	34.28
27	34.43	34.77	34.53	34.62	36.86	34.55	34.87	34.69	38.11	34.77	34.37	34.27
28	34.43	35.76	34.51	34.56	36.01	34.55	34.57	34.65	37.79	34.61	34.35	34.25
29	34.42	35.08	34.62	34.54	35.63	34.54	34.45	34.61	39.25	34.48	34.36	34.25
30	34.41	34.72	35.30	34.69	---	34.56	34.44	34.58	39.14	34.42	34.36	34.25
31	34.40	---	34.95	35.00	---	34.53	---	34.57	---	34.51	34.38	---
MAX	34.81	35.76	35.30	35.18	40.18	35.98	34.97	42.76	40.72	37.54	35.11	34.42
MIN	34.37	34.38	34.46	34.53	34.65	34.53	34.35	34.32	34.44	34.42	34.33	34.25

07375175 BOGUE FALAYA AT BOSTON STREET AT COVINGTON, LA

LOCATION.--Lat 30° 28'35", long 90° 05'22", sec. 26, T. 6 S., R. 11 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge 0.5 mile east of courthouse in Covington.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--December 1997 to current year.

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

EXTREMES FOR THE PERIOD OF RECORD.--Maximum gage height, 16.63 ft, July 1, 2003; minimum gage height, -0.61 ft, Apr. 14, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.16 ft, May 13; minimum gage height, -0.61 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.72	1.64	0.41	1.01	1.69	1.59	0.30	1.36	0.94	2.56	1.17	0.95
2	1.69	1.51	0.55	0.93	2.01	1.51	0.21	0.93	1.25	1.72	1.08	0.89
3	1.71	1.35	0.97	0.86	1.14	1.46	0.28	0.66	1.23	1.50	0.80	1.25
4	1.63	1.55	1.19	0.89	1.25	1.58	0.08	0.75	1.18	1.35	0.72	1.47
5	1.49	1.88	0.91	0.83	1.89	1.67	0.36	0.70	0.94	1.19	0.38	1.27
6	1.40	1.25	0.34	0.74	2.05	1.30	0.67	0.61	1.01	1.06	0.24	0.79
7	1.50	1.08	0.34	0.87	1.75	0.81	0.94	0.65	1.21	0.88	0.73	0.16
8	1.54	1.16	0.53	0.99	0.88	0.42	0.70	0.65	1.30	0.84	1.67	0.05
9	1.63	1.26	0.92	1.11	0.92	0.04	0.59	0.73	1.25	1.07	2.10	0.39
10	2.04	1.49	0.64	0.68	0.98	0.01	0.68	1.05	1.22	1.14	3.91	0.74
11	2.45	1.47	0.09	0.70	1.45	0.16	0.85	1.46	1.01	1.22	1.62	0.98
12	2.27	1.42	0.51	0.51	3.09	0.13	0.97	2.24	0.78	0.92	1.14	1.44
13	1.98	1.09	1.14	0.50	2.76	0.40	0.06	6.29	0.88	0.61	0.91	1.72
14	1.59	1.42	0.86	0.41	2.02	0.74	-0.51	3.47	1.24	0.62	0.93	2.15
15	1.34	1.45	0.94	0.31	1.40	0.92	-0.39	3.54	1.53	0.62	0.92	2.50
16	1.26	1.52	0.91	0.60	0.93	1.12	-0.11	5.73	1.55	0.55	0.92	2.93
17	1.23	1.56	0.11	1.31	0.77	1.15	0.20	3.08	1.36	0.27	0.86	1.89
18	1.16	1.98	-0.30	1.44	0.63	0.97	0.43	3.00	1.17	0.22	0.79	1.60
19	1.39	0.76	-0.42	0.74	0.46	0.80	0.68	3.22	0.98	0.29	0.83	1.54
20	1.40	0.50	-0.32	0.50	0.58	0.77	0.74	2.26	0.92	0.56	0.98	1.83
21	1.17	0.72	0.08	0.46	0.68	0.40	0.91	1.74	0.89	0.77	0.87	2.15
22	0.59	0.93	0.47	0.41	0.92	0.47	1.27	1.55	0.88	0.69	0.83	2.29
23	0.57	1.23	0.72	0.36	2.38	1.09	1.31	1.57	0.82	0.53	0.80	2.81
24	1.00	0.64	0.39	0.40	4.65	1.34	1.34	1.52	0.95	0.52	0.83	2.40
25	1.22	0.97	0.56	0.76	4.25	1.54	1.53	1.34	2.20	0.56	0.83	1.87
26	1.30	1.30	0.77	0.92	3.42	1.51	1.44	1.07	5.02	0.76	0.81	1.51
27	1.15	1.85	0.79	0.34	2.05	1.42	0.98	0.81	4.47	0.75	0.90	0.98
28	1.32	1.30	1.02	-0.10	1.43	1.42	1.00	0.55	3.70	0.73	0.97	0.65
29	1.34	0.79	1.31	0.07	1.42	1.13	1.37	0.65	3.09	0.73	1.04	0.75
30	1.40	0.49	0.94	0.53	---	0.82	1.66	1.08	2.94	0.79	0.97	0.97
31	1.47	---	1.18	0.93	---	0.38	---	0.81	---	1.03	0.93	---
MAX	2.45	1.98	1.31	1.44	4.65	1.67	1.66	6.29	5.02	2.56	3.91	2.93
MIN	0.57	0.49	-0.42	-0.10	0.46	0.01	-0.51	0.55	0.78	0.22	0.24	0.05

07375230 TCHEFUNCTE RIVER AT MADISONVILLE, LA

LOCATION.--Lat 30° 24'14", long 90° 09'17", in sec. 38, T. 7 S., R. 10 E., St. Tammany Parish, Hydrologic Unit 08090201, on northeast bridge fender on State Highway 22, at Madisonville.

DRAINAGE AREA.--408 mi².

PERIOD OF RECORD.--February 2004 to September 2004.

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

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum recorded gage height, 6.67 ft, Sept. 16, 2004; minimum recorded gage height, 2.05 ft, Apr. 14, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.67 ft, Sept. 16; minimum gage height, 2.05 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				4.57	4.13	4.36	3.71	2.99	3.35	---	---	---
2				4.58	4.02	4.27	3.56	3.08	3.25	---	---	---
3				4.48	4.01	4.25	3.48	3.14	3.33	---	---	---
4				4.58	4.20	4.41	3.25	2.99	3.13	---	---	---
5				4.76	4.21	4.50	3.96	2.79	3.43	---	---	---
6				4.45	3.72	4.06	4.16	3.44	3.76	---	---	---
7				3.76	2.99	3.44	4.35	3.74	4.05	---	---	---
8				3.16	2.82	3.01	4.30	3.47	3.76	---	---	---
9				2.87	2.08	2.54	4.19	3.32	3.68	---	---	---
10	4.08	3.80	3.93	3.43	2.15	2.77	4.22	3.51	3.83	---	---	---
11	4.66	3.76	4.14	3.49	2.73	3.08	4.45	3.09	3.91	---	---	---
12	4.71	3.76	4.11	3.48	2.80	3.08	4.56	3.59	4.05	---	---	---
13	4.21	3.67	3.89	3.96	3.02	3.42	3.72	2.18	2.94	---	---	---
14	4.34	3.87	4.11	4.19	3.54	3.82	2.54	2.05	2.25	5.53	5.21	5.36
15	4.26	2.90	3.39	4.27	3.74	4.00	2.93	2.19	2.49	5.71	5.08	5.42
16	3.46	2.93	3.17	4.40	3.67	4.00	3.21	2.62	2.84	5.32	4.90	5.10
17	3.64	2.96	3.29	4.26	3.81	4.05	3.39	3.03	3.20	5.54	4.88	5.13
18	3.56	2.99	3.26	4.31	3.64	3.97	3.72	3.24	3.45	5.60	4.81	5.14
19	3.35	2.92	3.13	4.11	3.59	3.83	4.02	3.45	3.71	5.29	4.77	5.02
20	3.60	3.21	3.39	3.97	3.64	3.81	4.04	3.54	3.77	5.09	4.58	4.83
21	3.72	3.32	3.53	3.89	2.88	3.35	4.41	3.46	3.94	4.96	4.34	4.61
22	4.05	3.52	3.83	3.97	2.79	3.53	4.65	4.00	4.30	4.94	4.20	4.53
23	4.85	3.44	4.15	4.69	3.65	4.19	---	---	---	5.00	4.26	4.62
24	5.13	4.55	4.88	4.83	4.09	4.46	---	---	---	4.93	4.27	4.59
25	4.88	4.52	4.68	4.96	4.46	4.66	---	---	---	4.83	4.08	4.40
26	4.53	3.89	4.17	4.88	4.38	4.63	---	---	---	4.52	3.80	4.12
27	4.10	3.71	3.84	4.87	4.26	4.53	---	---	---	4.29	3.46	3.83
28	4.15	3.52	3.76	4.83	4.28	4.53	---	---	---	3.83	3.27	3.52
29	4.48	3.76	4.07	4.67	3.88	4.22	---	---	---	---	---	---
30	---	---	---	4.19	3.63	3.88	---	---	---	---	---	---
31	---	---	---	4.15	2.80	3.36	---	---	---	---	---	---
MONTH				4.96	2.08	3.87	---	---	---	---	---	---

07375230 TCHEFUNCTE RIVER AT MADISONVILLE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	4.93	4.07	4.44	4.61	3.93	4.26	4.18	3.96	4.06
2	---	---	---	4.76	4.11	4.45	4.44	3.60	4.10	4.15	3.90	4.00
3	---	---	---	4.81	4.06	4.38	4.17	3.57	3.88	4.56	4.02	4.32
4	4.41	3.42	3.76	4.66	3.96	4.27	4.06	3.66	3.82	4.83	4.22	4.57
5	4.63	3.41	3.78	4.61	3.91	4.17	3.92	2.95	3.45	4.67	4.01	4.38
6	4.83	3.50	3.85	4.42	3.82	4.05	3.42	2.78	3.23	4.17	3.43	3.88
7	4.71	3.74	4.13	4.36	3.55	3.83	4.36	3.24	3.84	3.46	2.69	3.21
8	4.67	4.01	4.32	4.17	3.60	3.83	5.26	4.34	4.81	3.50	2.65	3.10
9	4.59	4.07	4.32	4.34	3.66	4.05	5.40	4.73	5.10	3.98	2.92	3.49
10	4.55	4.09	4.30	4.56	3.79	4.09	5.05	4.11	4.57	4.20	3.46	3.85
11	4.52	3.77	4.07	4.32	3.75	4.04	4.66	3.93	4.24	4.56	3.68	4.10
12	4.21	3.68	3.85	4.20	3.45	3.77	4.79	3.66	4.10	5.07	4.15	4.55
13	4.43	3.63	3.96	3.91	3.24	3.59	4.30	3.60	3.93	5.26	4.51	4.85
14	4.74	3.67	4.29	3.97	3.28	3.63	4.27	3.71	3.99	5.64	4.91	5.29
15	4.97	4.27	4.61	4.08	3.34	3.67	4.36	3.67	4.01	6.08	5.40	5.67
16	4.98	4.29	4.63	3.88	3.10	3.56	4.29	3.73	4.02	6.67	5.29	6.05
17	4.73	4.12	4.44	3.63	3.05	3.28	4.20	3.70	3.95	5.32	4.57	5.00
18	4.48	3.93	4.22	3.77	2.72	3.14	4.15	3.68	3.89	5.02	4.36	4.72
19	4.36	3.75	4.06	3.74	2.80	3.29	4.18	3.72	3.92	5.02	4.38	4.67
20	4.33	3.46	3.94	---	---	---	4.36	3.42	4.03	5.42	4.41	4.96
21	4.34	3.66	3.96	---	---	---	4.44	3.37	3.84	---	---	---
22	4.22	3.66	3.94	---	---	---	4.04	3.51	3.80	---	---	---
23	4.26	3.38	3.86	---	---	---	4.11	3.46	3.82	---	---	---
24	4.52	3.61	3.92	---	---	---	4.20	3.56	3.89	---	---	---
25	4.48	3.46	3.89	---	---	---	4.40	3.60	3.91	---	---	---
26	4.05	3.70	3.85	---	---	---	4.23	3.50	3.90	---	---	---
27	4.60	3.66	3.95	---	---	---	4.44	3.64	4.02	---	---	---
28	4.81	3.78	4.16	4.09	3.38	3.75	4.51	3.75	4.08	---	---	---
29	---	---	---	4.16	3.45	3.80	4.54	3.77	4.15	4.03	3.56	3.81
30	---	---	---	4.29	3.47	3.88	4.42	3.81	4.07	4.25	3.94	4.06
31	---	---	---	4.56	3.71	4.13	4.24	3.82	4.04	---	---	---
MONTH	---	---	---	---	---	---	5.40	2.78	4.02	---	---	---

07375300 TANGIPAHOA RIVER NEAR KENTWOOD, LA

LOCATION.--Lat 30° 56'15", long 90° 29'25", between secs. 43 and 45, T. 1 S., R. 7 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge on State Highway 38, 0.9 mi upstream from Terry's Creek, 1.1 mi east of Kentwood, and 1.7 mi downstream from Irving Branch.

DRAINAGE AREA.--241 mi².

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 180.07 ft NGVD of 1929.

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 15.35 ft, Sept. 27, 2002; minimum gage height, 2.19 ft, Sept. 6, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.17 ft, Feb. 13; minimum gage height, 2.44 ft, Sept. 27, 28.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.61	2.65	3.06	4.00	4.18	4.00	2.87	3.20	6.35	7.89	2.80	2.88
2	2.62	2.64	2.88	3.44	3.67	3.82	2.85	---	5.53	8.28	2.85	2.81
3	2.62	2.63	2.78	3.21	3.40	3.65	2.84	4.39	5.33	6.52	2.81	2.74
4	2.59	2.63	2.72	3.10	3.24	3.52	2.83	3.78	5.24	4.92	2.77	2.73
5	2.60	2.64	2.69	3.11	3.62	3.45	2.82	3.35	4.27	4.08	2.75	2.76
6	2.61	2.64	2.70	3.36	10.44	4.74	2.82	3.11	4.02	3.69	2.84	2.77
7	2.63	2.63	2.69	3.53	11.87	4.93	2.82	3.00	5.03	3.61	2.90	2.68
8	2.65	2.64	2.67	3.33	10.00	4.20	2.81	2.95	4.95	3.57	2.77	2.63
9	2.64	2.61	2.67	4.22	5.36	3.76	2.81	2.92	4.18	3.81	2.74	2.62
10	2.71	2.60	2.72	4.63	4.40	3.51	2.81	2.89	3.67	3.96	2.74	2.62
11	2.78	2.60	2.70	4.10	5.54	3.33	2.81	2.86	3.42	3.58	2.76	2.62
12	2.74	2.60	2.68	3.56	10.77	3.22	3.32	3.84	3.28	3.27	3.55	2.68
13	2.70	2.59	2.79	3.30	11.78	3.19	2.97	9.14	3.19	3.15	3.00	2.74
14	2.67	2.63	3.59	3.15	10.22	3.18	2.81	---	3.15	3.07	2.83	2.80
15	2.66	2.54	3.22	3.06	7.18	3.53	2.80	---	3.19	3.02	2.82	---
16	2.63	2.54	3.00	3.01	5.59	3.46	2.81	---	3.17	2.98	2.81	---
17	2.62	2.59	2.86	3.02	4.56	3.27	2.81	---	3.36	2.98	2.74	---
18	2.64	2.91	2.77	3.62	4.04	3.12	2.81	10.15	3.39	3.00	2.71	---
19	2.63	3.71	2.72	3.59	3.72	3.08	2.80	8.24	3.46	2.96	2.70	---
20	2.62	3.08	2.70	3.42	3.56	3.06	---	6.06	3.43	2.91	2.73	---
21	2.60	2.82	2.71	3.19	3.41	3.04	2.76	4.88	3.21	2.88	2.92	2.46
22	2.60	2.72	2.68	3.06	3.28	3.01	2.75	4.18	3.11	2.86	3.52	2.45
23	2.59	2.68	2.72	2.98	4.42	2.99	2.73	3.81	3.42	2.95	3.07	2.46
24	2.58	2.87	2.97	2.94	9.49	2.96	2.76	3.58	3.86	2.95	2.86	2.48
25	2.59	3.04	2.92	3.01	10.15	2.94	3.94	3.41	6.34	2.89	2.81	2.47
26	3.19	2.78	2.84	5.82	9.87	2.93	7.24	3.30	7.09	2.93	2.78	2.46
27	3.08	2.84	2.77	6.05	6.61	2.93	4.65	3.21	7.31	2.93	2.81	2.44
28	2.80	4.17	2.74	4.71	4.99	2.94	3.68	3.12	8.66	2.84	2.87	2.44
29	2.71	4.38	3.72	3.61	4.34	2.92	---	3.07	7.33	2.81	4.06	2.46
30	2.66	3.51	6.53	3.95	---	2.90	3.09	3.03	6.99	2.80	3.49	2.49
31	2.65	---	5.14	4.68	---	2.86	---	3.15	---	2.79	3.05	---
MAX	3.19	4.38	6.53	6.05	11.87	4.93	---	---	8.66	8.28	4.06	---
MIN	2.58	2.54	2.67	2.94	3.24	2.86	---	---	3.11	2.79	2.70	---

07375422 BIG CREEK EAST OF TANGIPAHOA, LA

LOCATION.--Lat 30° 49'54", long 90° 26'42", sec. 52, T. 2 S., R. 8 E., Loranger Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge at State Highway 1054, 4.9 mi southeast of Tangipahoa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 150.00 ft above NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 18.33 ft, Aug. 12, 2001; minimum recorded gage height, 7.57 ft, many days, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.82 ft, May 15; minimum gage height, 7.74 ft, May 10, 11.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.90	7.88	7.90	7.94	7.97	8.27	7.85	7.98	8.58	9.03	7.87	7.83
2	7.89	7.88	7.89	7.91	7.94	8.20	7.84	8.16	8.22	9.04	7.86	7.93
3	7.89	7.88	7.89	7.88	7.92	8.14	7.83	7.92	8.57	8.48	7.85	8.42
4	7.89	7.87	7.89	7.90	7.92	8.11	7.83	7.83	8.27	8.26	7.84	7.96
5	7.89	7.88	7.88	7.92	8.41	8.10	7.82	7.81	8.06	8.19	7.83	7.88
6	7.89	7.88	7.87	7.92	13.60	9.31	7.82	7.79	8.06	8.31	7.83	7.85
7	7.94	7.87	7.87	7.87	9.95	8.52	7.83	7.77	8.18	8.67	7.83	7.83
8	8.00	7.87	7.88	7.96	8.61	8.20	7.83	7.76	8.08	9.38	7.82	7.82
9	7.93	7.86	7.88	8.23	8.34	8.09	7.82	7.76	8.02	8.33	7.82	7.81
10	7.98	7.86	7.95	8.03	8.33	8.03	7.81	7.75	7.98	8.17	7.82	7.83
11	7.98	7.86	7.91	7.94	9.65	7.98	7.83	7.75	7.95	8.11	7.89	7.80
12	7.95	7.85	7.86	7.90	13.90	7.96	7.83	8.26	7.93	8.06	9.19	7.80
13	7.93	7.85	7.93	7.88	10.30	7.95	7.82	12.12	7.92	8.02	8.04	7.81
14	7.93	7.85	7.92	7.87	9.44	7.94	7.81	8.99	7.93	7.98	7.90	7.80
15	7.91	7.85	7.90	7.87	9.18	8.03	7.80	14.35	7.94	7.96	7.87	7.80
16	7.90	7.85	7.86	7.85	8.63	8.00	7.79	13.83	7.92	7.94	7.85	7.80
17	7.90	7.85	7.85	7.95	8.39	7.96	7.79	9.58	7.90	7.93	7.84	7.79
18	7.89	8.07	7.84	8.22	8.25	7.93	7.79	9.60	7.91	7.94	7.84	7.79
19	7.89	8.01	7.82	7.97	8.17	7.92	7.78	9.26	8.36	7.92	7.83	7.79
20	7.88	7.89	7.82	7.89	8.13	7.91	7.79	8.58	9.40	7.90	7.86	7.78
21	7.88	7.87	7.81	7.87	8.09	7.90	7.79	8.33	8.34	7.89	7.93	7.78
22	7.88	7.87	7.81	7.85	8.03	7.88	7.78	8.19	8.24	7.89	7.88	7.78
23	7.88	7.87	7.84	7.84	9.93	7.87	7.77	8.12	8.05	7.89	7.86	7.79
24	7.87	8.00	7.84	7.85	12.01	7.87	7.77	8.07	10.19	7.90	7.85	7.80
25	7.87	7.92	7.81	8.06	13.84	7.87	7.99	8.04	13.79	7.89	7.87	7.80
26	8.60	7.89	7.79	8.07	11.48	7.87	8.82	8.01	13.95	8.24	7.86	7.79
27	8.04	8.04	7.79	7.92	8.89	7.87	7.97	8.00	12.37	7.93	7.84	7.78
28	7.93	8.14	7.78	7.88	8.53	7.87	7.85	7.98	10.90	7.89	7.86	7.78
29	7.90	7.95	9.17	7.87	8.36	7.86	7.81	7.97	9.24	7.87	8.26	7.77
30	7.88	7.91	9.11	8.11	---	7.87	7.83	7.96	10.49	7.86	7.90	7.77
31	7.88	---	8.06	8.08	---	7.85	---	8.14	---	7.88	7.84	---
MAX	8.60	8.14	9.17	8.23	13.90	9.31	8.82	14.35	13.95	9.38	9.19	8.42
MIN	7.87	7.85	7.78	7.84	7.92	7.85	7.77	7.75	7.90	7.86	7.82	7.77

07375430 TANGIPAHOA RIVER AT AMITE, LA

LOCATION.--Lat 30° 43'44", long 90° 29'03", lot 49, T. 4 S., R. 7 E., Loranger Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge at State Highway 38, approximately 0.75 mi west of Conner Creek, and 2.75 mi east of the intersection of I-55 and Hwy. 16.

DRAINAGE AREA.--296 mi².

PERIOD OF RECORD.--March 1998 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is 80.00 ft above NAVD 88. Prior to October 2003 datum of gage 80.07 ft.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 19.42 ft, Sept. 28, 2002; minimum gage height, 5.45 ft, Nov. 20, 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.06 ft, May 16; minimum gage height, 6.01 ft, Sept. 29, 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.16	6.17	6.45	6.89	6.93	7.37	6.60	6.58	8.01	---	6.28	6.27
2	6.15	6.16	6.35	6.62	6.76	7.24	6.59	7.56	8.05	---	6.28	6.23
3	6.15	6.16	6.31	6.50	6.63	7.15	6.58	7.34	7.86	---	6.27	6.36
4	6.15	6.16	6.28	6.44	6.56	7.08	6.56	6.86	7.97	---	6.25	6.28
5	6.14	6.17	6.25	6.42	6.64	7.04	6.55	6.64	7.40	---	6.24	6.22
6	6.14	6.16	6.24	6.47	11.05	7.44	6.54	6.51	7.16	---	6.23	6.21
7	6.15	6.16	6.25	6.53	11.83	7.84	6.54	6.45	7.58	---	6.27	6.19
8	6.17	6.16	6.24	6.53	11.28	7.35	6.54	6.40	7.75	---	6.24	6.15
9	6.17	6.16	6.25	6.71	8.53	7.13	6.54	6.37	7.34	---	6.21	6.14
10	6.20	6.15	6.25	6.96	7.54	7.01	6.52	6.35	7.09	---	6.22	6.16
11	6.23	6.15	6.26	6.86	7.92	6.93	6.52	6.33	6.92	---	6.22	6.14
12	6.22	6.16	6.24	6.66	11.92	6.88	6.69	7.18	6.82	---	6.86	6.14
13	6.19	6.15	6.29	6.53	13.25	6.85	6.77	10.07	6.74	---	6.57	6.17
14	6.18	6.14	6.48	6.46	12.24	6.84	6.60	9.59	6.70	---	6.29	6.16
15	6.16	6.15	6.49	6.42	9.75	6.91	6.55	12.99	6.69	---	6.25	6.21
16	6.15	6.14	6.41	6.39	8.46	6.97	6.53	16.40	6.68	---	6.24	6.46
17	6.15	6.16	6.34	6.39	7.85	6.89	6.51	14.90	6.70	---	6.21	6.21
18	6.14	6.28	6.30	6.62	7.51	6.83	6.51	11.38	6.74	---	6.19	6.12
19	6.14	6.60	6.27	6.67	7.31	6.79	6.50	10.21	6.78	---	6.19	6.10
20	6.14	6.45	6.26	6.58	7.20	6.76	6.49	8.76	7.44	---	6.20	6.09
21	6.14	6.32	6.26	6.49	7.11	6.72	6.48	8.07	7.36	---	6.31	6.08
22	6.13	6.26	6.26	6.43	7.02	6.69	6.49	7.61	6.82	6.36	6.40	6.07
23	6.13	6.23	6.28	6.40	7.72	6.67	6.47	7.36	6.81	6.37	6.40	6.07
24	6.12	6.28	6.32	6.38	10.05	6.65	6.47	7.22	7.48	6.41	6.30	6.07
25	6.12	6.38	6.36	6.41	12.67	6.65	6.66	7.12	10.10	6.37	6.27	6.07
26	6.38	6.31	6.33	6.94	11.46	6.64	8.47	7.05	---	6.37	6.24	6.06
27	6.46	6.33	6.31	7.34	9.40	6.63	7.48	6.99	---	6.38	6.22	6.05
28	6.28	6.59	6.30	7.21	8.06	6.63	6.85	6.95	---	6.33	6.25	6.04
29	6.22	6.83	6.73	6.72	7.58	6.62	6.61	6.91	---	6.30	6.44	6.03
30	6.19	6.67	7.79	6.68	---	6.62	6.53	6.89	---	6.29	6.62	6.03
31	6.17	---	7.24	7.08	---	6.62	---	6.89	---	6.29	6.38	---
MAX	6.46	6.83	7.79	7.34	13.25	7.84	8.47	16.40	---	---	6.86	6.46
MIN	6.12	6.14	6.24	6.38	6.56	6.62	6.47	6.33	---	---	6.19	6.03

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 Chappelpeela Creek, and 6.0 mi east of Hammond.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 14	1630	10,600	17.31	May 17	0730	*14,600	*18.62
Feb 26	1230	11,000	17.46	Jun 27	0200	9,010	16.71

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	505	499	683	1,060	954	1,720	651	757	1,010	5,050	468	478
2	504	498	601	832	844	1,480	648	963	2,020	4,000	458	441
3	502	497	564	707	752	1,320	643	1,590	1,730	3,850	454	447
4	504	496	544	645	685	1,210	639	1,140	1,840	2,730	447	611
5	502	495	529	649	684	1,130	636	900	1,660	1,830	437	467
6	501	495	519	666	2,400	1,160	633	780	1,450	1,350	427	430
7	502	494	517	664	6,330	1,810	631	713	1,250	1,160	423	422
8	507	494	515	683	7,710	1,610	630	675	1,610	1,580	436	408
9	508	494	514	732	6,560	1,260	629	645	1,480	1,450	421	397
10	530	494	518	873	2,510	1,100	627	624	1,180	1,110	427	397
11	548	492	516	919	1,890	997	627	614	1,020	1,190	424	394
12	543	491	517	814	4,630	929	626	1,270	918	1,090	497	393
13	533	491	531	711	8,930	e950	744	5,780	855	941	756	398
14	521	491	552	653	10,400	e1,020	693	7,100	830	838	538	407
15	511	491	645	618	8,890	e1,150	649	8,470	820	750	450	399
16	504	490	608	596	4,880	1,140	e636	13,200	790	694	429	452
17	502	489	569	585	2,630	974	e622	14,500	773	655	422	504
18	501	506	544	612	1,820	883	e608	12,500	787	699	412	410
19	500	580	529	721	1,480	832	e595	8,370	803	662	406	392
20	499	680	518	693	1,290	804	e582	5,680	1,130	612	419	388
21	498	586	513	652	1,170	774	e569	3,140	1,690	580	457	387
22	497	538	512	609	1,080	748	549	2,060	1,090	560	475	386
23	495	517	528	583	1,680	727	546	1,600	919	548	522	e382
24	494	524	530	568	4,560	712	545	1,370	928	561	483	e378
25	492	542	545	567	8,230	698	583	1,230	3,280	551	466	e376
26	495	569	546	598	10,600	692	1,280	1,120	7,710	523	449	e372
27	629	611	532	1,050	8,540	695	2,370	1,050	8,720	528	428	e370
28	591	687	521	1,140	4,400	680	1,290	991	7,960	511	429	e368
29	532	770	608	903	2,330	672	916	939	7,940	487	443	365
30	510	809	1,230	787	---	668	788	898	6,500	473	600	365
31	503	---	1,500	875	---	658	---	878	---	479	572	---
TOTAL	15,963	16,310	18,598	22,765	118,859	31,203	22,185	101,547	70,693	38,042	14,475	12,384
MEAN	515	544	600	734	4,099	1,007	740	3,276	2,356	1,227	467	413
MAX	629	809	1,500	1,140	10,600	1,810	2,370	14,500	8,720	5,050	756	611
MIN	492	489	512	567	684	658	545	614	773	473	406	365
CFSM	0.80	0.84	0.93									

[illegible]

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	498,568		483,024			
ANNUAL MEAN	1,366		1,320		1,176	
HIGHEST ANNUAL MEAN					2,258	1983
LOWEST ANNUAL MEAN					366	2000
HIGHEST DAILY MEAN	18,200	Jul 1	14,500	May 17	78,500	Apr 7, 1983
LOWEST DAILY MEAN	489	Nov 17	365	Sep 29	233	Sep 7, 2000
ANNUAL SEVEN-DAY MINIMUM	491	Nov 11	371	Sep 24	238	Sep 1, 2000
MAXIMUM PEAK FLOW			14,600	May 17	85,000	Apr 7, 1983
MAXIMUM PEAK STAGE			18.62	May 17	25.87	Apr 7, 1983
INSTANTANEOUS LOW FLOW			363	Sep 30	232	Sep 7, 2000
INSTANTANEOUS LOW STAGE			6.41	Sep 30	2.95	Oct 30, 1939
ANNUAL RUNOFF (CFSM)	2.11		2.04		1.82	
ANNUAL RUNOFF (INCHES)	28.71		27.82		24.72	
10 PERCENT EXCEEDS	2,490		2,340		2,090	
50 PERCENT EXCEEDS	694		634		646	
90 PERCENT EXCEEDS	505		437		383	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.77	6.70	7.40	8.61	8.29	10.25	7.19	7.51	8.44	14.48	7.22	7.13
2	6.75	6.70	7.10	7.90	7.95	9.69	7.17	8.16	10.80	13.59	7.17	6.96
3	6.74	6.69	6.96	7.48	7.64	9.32	7.16	9.85	10.26	13.43	7.16	6.97
4	6.74	6.69	6.88	7.26	7.40	9.02	7.13	8.72	10.48	12.11	7.13	7.61
5	6.73	6.69	6.82	7.28	7.40	8.80	7.12	7.99	10.10	10.76	7.08	7.05
6	6.72	6.69	6.79	7.34	10.97	8.89	7.10	7.59	9.61	9.79	7.03	6.89
7	6.72	6.68	6.78	7.33	15.34	10.40	7.09	7.35	9.13	9.34	7.01	6.84
8	6.74	6.68	6.77	7.40	16.11	9.98	7.09	7.22	9.99	10.23	7.08	6.77
9	6.74	6.68	6.76	7.57	15.44	9.16	7.08	7.11	9.69	10.00	7.01	6.71
10	6.83	6.68	6.78	8.03	11.54	8.70	7.07	7.04	8.93	9.22	7.03	6.70
11	6.90	6.67	6.77	8.18	10.55	8.41	7.06	7.00	8.47	9.41	7.01	6.68
12	6.88	6.67	6.78	7.85	13.95	8.21	7.06	8.55	8.18	9.17	7.28	6.67
13	6.84	6.67	6.92	7.50	16.66	---	7.47	14.98	7.98	8.76	8.19	6.69
14	6.79	6.67	6.92	7.29	17.24	---	7.28	15.80	7.90	8.46	7.46	6.73
15	6.75	6.67	7.26	7.17	16.63	---	7.13	16.40	7.87	8.19	7.10	6.68
16	6.72	6.66	7.13	7.08	14.25	8.81	---	18.17	7.77	8.02	7.00	6.92
17	6.71	6.66	6.98	7.04	11.79	8.33	---	18.58	7.71	7.89	6.96	7.14
18	6.71	6.73	6.89	7.14	10.44	8.04	---	17.96	7.76	8.03	6.91	6.72
19	6.71	7.02	6.83	7.53	9.69	7.88	---	16.41	7.81	7.91	6.87	6.62
20	6.70	7.39	6.78	7.43	9.23	7.77	---	14.90	8.76	7.75	6.93	6.59
21	6.70	7.05	6.76	7.29	8.92	7.67	---	12.50	10.17	7.64	7.10	6.58
22	6.69	6.86	6.76	7.13	8.66	7.58	6.75	10.87	8.68	7.57	7.17	6.57
23	6.69	6.78	6.82	7.04	9.89	7.50	6.74	9.97	8.18	7.53	7.35	---
24	6.68	6.80	6.83	6.98	14.04	7.44	6.74	9.44	8.21	7.57	7.19	---
25	6.67	6.88	6.89	6.97	16.33	7.39	6.88	9.07	12.46	7.54	7.12	---
26	6.69	6.98	6.89	7.09	17.34	7.36	8.90	8.78	16.09	7.44	7.03	---
27	7.20	7.13	6.84	8.56	16.48	7.37	11.32	8.57	16.59	7.45	6.93	---
28	7.06	7.41	6.79	8.84	13.80	7.31	9.10	8.40	16.24	7.39	6.93	---
29	6.84	7.70	7.11	8.12	11.31	7.28	8.04	8.24	16.23	7.30	6.99	6.42
30	6.75	7.83	9.03	7.76	---	7.26	7.62	8.12	15.46	7.24	7.58	6.42
31	6.72	---	9.73	8.04	---	7.22	---	8.06	---	7.26	7.50	---
MAX	7.20	7.83	9.73	8.84	17.34	---	---	18.58	16.59	14.48	8.19	---
MIN	6.67	6.66	6.76	6.97	7.40	---	---	7.00	7.71	7.24	6.87	---

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 3.72 ft, Sept. 23; minimum recorded gage height, -0.46 ft, Apr. 14.

<div> <div>GAGE HEIGHT, FEET</div> <div>WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004</div> </div>												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				2.34	2.02	2.19	1.08	0.52	0.81	---	---	---
2				2.30	1.88	2.07	0.98	0.58	0.76	---	---	---
3				2.20	1.85	2.04	0.96	0.60	0.81	---	---	---
4				2.27	2.01	2.14	0.69	0.48	0.61	---	---	---
5				2.44	2.00	2.21	1.43	0.38	0.95	---	---	---
6				2.13	1.47	1.80	1.70	0.95	1.27	---	---	---
7				1.49	0.81	1.21	1.77	1.25	1.52	---	---	---
8				0.98	0.65	0.84	1.65	0.92	1.20	---	---	---
9				---	---	---	1.62	0.83	1.15	---	---	---
10	1.84	1.63	1.71	---	---	---	1.69	0.98	1.32	---	---	---
11	2.23	1.63	1.87	0.95	0.29	0.58	1.93	0.74	1.48	---	---	---
12	2.25	1.61	1.88	0.95	0.31	0.57	1.96	0.94	1.48	---	---	---
13	1.95	1.55	1.68	1.46	0.65	0.99	1.16	-0.21	0.38	---	---	---
14	2.04	1.81	1.92	1.69	1.05	1.34	0.07	-0.46	-0.23	3.14	2.82	2.97
15	1.95	1.43	1.60	1.75	1.27	1.51	0.31	-0.32	-0.04	3.19	2.96	3.11
16	1.55	1.32	1.45	1.87	1.18	1.50	0.73	0.13	0.33	3.07	2.84	2.95
17	1.61	1.10	1.34	1.80	1.34	1.57	0.96	0.53	0.71	3.37	2.92	3.09
18	1.39	0.82	1.12	1.79	1.16	1.45	1.24	0.76	0.98	3.47	3.14	3.28
19	1.07	0.71	0.88	1.57	1.09	1.31	1.53	0.97	1.22	3.36	3.15	3.24
20	1.26	0.88	1.07	1.46	1.14	1.30	1.48	1.00	1.25	3.21	2.87	2.99
21	1.42	1.00	1.21	1.26	0.48	0.87	1.88	0.96	1.42	2.92	2.53	2.67
22	1.68	1.20	1.50	1.50	0.48	1.10	2.14	1.55	1.81	2.62	2.23	2.41
23	2.47	1.36	1.87	2.22	1.33	1.80	2.20	1.59	1.91	2.52	2.11	2.32
24	2.73	2.39	2.55	2.40	1.68	2.04	2.20	1.65	1.94	2.49	2.02	2.20
25	2.64	2.35	2.44	2.44	2.03	2.23	2.39	1.67	2.05	---	---	---
26	2.35	2.03	2.17	2.41	1.96	2.18	2.51	1.62	1.93	---	---	---
27	2.19	2.00	2.08	2.36	1.84	2.09	1.65	1.28	1.46	---	---	---
28	2.20	1.90	2.04	2.35	1.85	2.06	2.04	1.36	1.62	1.27	0.80	1.06
29	2.31	1.92	2.13	2.16	1.41	1.72	---	---	---	1.45	0.97	1.19
30	---	---	---	1.63	1.13	1.34	---	---	---	1.90	1.39	1.62
31	---	---	---	1.59	0.37	0.84	---	---	---	1.74	0.87	1.34
MONTH				---	---	---	---	---	---	---	---	---

07375690 TANGIPAHOA RIVER BELOW BEDICO CREEK NEAR MADISONVILLE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.12	0.99	1.52	2.55	2.06	2.30	2.16	1.50	1.82	1.74	1.49	1.61
2	1.89	1.27	1.62	2.40	2.05	2.26	1.99	1.26	1.65	1.66	1.42	1.52
3	2.01	0.86	1.46	2.40	1.95	2.15	1.67	1.18	1.43	2.08	1.55	1.86
4	1.81	0.99	1.31	2.25	1.81	2.03	1.60	1.21	1.35	2.33	1.83	2.12
5	2.02	1.01	1.33	2.20	1.70	1.89	1.41	0.55	0.97	2.17	1.57	1.93
6	2.26	1.07	1.44	2.03	1.48	1.71	1.02	0.43	0.80	1.65	0.94	1.40
7	2.19	1.45	1.75	1.78	1.23	1.44	1.93	0.83	1.42	0.94	0.24	0.70
8	2.18	1.64	1.90	1.66	1.23	1.42	2.69	1.91	2.33	0.97	0.16	0.61
9	2.16	1.68	1.92	1.94	1.32	1.66	2.86	2.35	2.67	1.51	0.47	1.01
10	2.08	1.66	1.85	2.00	1.44	1.66	2.55	1.67	2.15	1.69	0.98	1.36
11	1.91	1.32	1.58	1.84	1.35	1.60	2.10	1.52	1.80	2.12	1.20	1.63
12	1.63	1.19	1.34	1.96	1.08	1.33	2.00	1.36	1.64	2.54	1.71	2.10
13	2.02	1.13	1.48	1.44	0.82	1.14	1.83	1.17	1.51	2.72	2.10	2.39
14	2.29	1.35	1.86	1.50	0.84	1.18	1.83	1.28	1.56	3.00	2.55	2.69
15	2.41	1.89	2.12	1.52	0.87	1.18	1.89	1.29	1.57	---	---	---
16	2.43	1.88	2.16	1.43	0.69	1.06	1.80	1.31	1.56	---	---	---
17	2.27	1.71	1.98	1.10	0.51	0.77	1.72	1.26	1.49	---	---	---
18	2.05	1.45	1.76	1.05	0.33	0.66	1.69	1.19	1.40	2.56	2.03	2.33
19	1.83	1.29	1.59	1.26	0.42	0.84	1.71	1.26	1.45	2.50	2.03	2.25
20	1.85	1.05	1.48	1.68	0.83	1.18	1.71	0.95	1.55	2.80	2.02	2.51
21	1.83	1.24	1.50	1.75	1.13	1.40	1.62	1.04	1.37	3.09	2.43	2.81
22	1.71	1.24	1.48	1.64	1.11	1.30	1.54	1.10	1.31	3.27	2.61	2.95
23	1.78	1.02	1.38	1.65	0.91	1.11	1.62	1.03	1.34	3.72	3.06	3.41
24	1.89	1.18	1.45	1.34	0.89	1.13	1.85	1.06	1.41	3.47	2.82	3.13
25	1.83	1.09	1.44	1.54	0.91	1.17	1.80	1.00	1.39	2.82	2.49	2.63
26	1.66	1.29	1.48	1.71	0.78	1.33	1.75	1.02	1.42	2.49	2.07	2.26
27	2.01	1.42	1.69	1.64	0.94	1.32	1.93	1.17	1.55	2.07	1.32	1.64
28	2.32	1.70	1.97	1.63	0.96	1.30	1.97	1.28	1.61	1.46	1.12	1.26
29	2.38	1.87	2.12	1.70	1.00	1.34	2.03	1.34	1.67	1.62	1.11	1.37
30	2.49	2.05	2.23	1.87	1.01	1.43	1.95	1.31	1.59	1.82	1.55	1.67
31	---	---	---	2.08	1.27	1.69	1.79	1.39	1.57	---	---	---
MONTH	2.49	0.86	1.67	2.55	0.33	1.42	2.86	0.43	1.56	---	---	---

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 September 2001 (gage heights only), October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Prior to Oct. 1, 1982 altitude of gage, 206 ft, from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi west at same datum. Oct. 1, 1963, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at same site 0.2 mi west at same datum.

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

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 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, 1.43 ft, July 15, 16, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,960 ft³/s, May 15, gage height, 11.24 ft; minimum discharge, 37 ft³/s, on several days, gage height, 1.45 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	39	44	63	87	86	47	62	e770	394	e59	42
2	39	39	43	53	65	76	46	316	399	466	e69	42
3	39	39	42	49	55	70	46	214	412	395	63	45
4	38	40	42	47	50	65	46	103	323	139	e61	45
5	38	39	41	49	86	62	46	72	161	113	e58	43
6	38	38	40	51	950	152	46	59	334	76	e58	42
7	40	38	40	48	1,870	144	45	52	824	63	e61	42
8	39	38	41	50	540	99	46	49	645	55	e59	42
9	39	38	41	75	188	75	46	47	187	49	e57	42
10	40	38	42	96	156	63	45	48	150	46	e75	42
11	41	37	41	72	326	57	47	49	122	e113	e80	41
12	41	37	41	57	2,070	54	72	158	102	e99	e63	42
13	40	38	46	51	2,200	52	64	785	92	e67	e57	42
14	40	37	51	48	795	52	50	940	87	e82	e55	42
15	40	38	47	46	449	81	47	4,280	83	e69	e52	42
16	39	38	44	44	283	77	46	2,900	81	e64	e50	43
17	39	39	42	48	200	63	45	1,270	e356	e61	e47	43
18	38	58	42	62	167	56	45	469	e204	e65	e44	43
19	38	73	42	57	143	53	45	443	e316	e70	41	42
20	38	48	41	50	128	51	44	270	e342	e65	43	42
21	38	42	41	47	118	49	44	159	e173	e60	44	42
22	37	41	41	44	110	48	44	133	e452	e58	44	41
23	37	41	44	43	219	47	44	109	117	e50	44	41
24	37	45	45	42	824	47	44	92	186	e76	45	42
25	37	45	44	45	1,320	47	63	84	e765	e75	48	42
26	43	43	42	58	788	48	223	80	e1,390	e94	46	42
27	52	48	42	68	216	48	112	77	e1,340	e112	44	42
28	41	66	43	52	130	48	68	75	e937	e61	44	41
29	39	59	69	46	104	48	54	74	868	e57	44	41
30	38	47	185	63	---	48	52	72	191	e58	43	40
31	38	---	98	119	---	47	---	74	---	e56	43	---
TOTAL	1,220	1,306	1,547	1,743	14,637	2,013	1,712	13,615	12,409	3,308	1,641	1,263
MEAN	39.4	43.5	49.9	56.2	505	64.9	57.1	439	414	107	52.9	42.1
MAX	52	73	185	119	2,200	152	223	4,280	1,390	466	80	45
MIN	37	37	40	42	50	47	44	47	81	46	41	40
CFSM	0.44	0.49	0.56	0.63	5.63	0.72	0.64	4.90	4.61	1.19	0.59	0.47
IN.	0.51	0.54	0.64	0.72	6.07	0.83	0.71	5.65	5.15	1.37	0.68	0.52

e Estimated

MISSISSIPPI RIVER DELTA

07375800 TICKFAW RIVER AT LIVERPOOL, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.48	1.49	1.63	1.99	2.39	2.35	1.65	1.95	---	5.04	---	1.71
2	1.48	1.50	1.60	1.81	2.04	2.19	1.65	4.52	5.10	5.44	---	1.72
3	1.47	1.49	1.59	1.73	1.86	2.08	1.65	3.71	5.04	4.99	2.10	1.76
4	1.47	1.52	1.58	1.69	1.75	2.00	1.64	2.58	4.42	3.13	---	1.77
5	1.48	1.50	1.56	1.74	2.22	1.95	1.64	2.12	3.04	2.82	---	1.74
6	1.48	1.49	1.55	1.77	6.97	3.15	1.63	1.89	4.51	2.31	---	1.71
7	1.48	1.49	1.55	1.72	8.86	3.09	1.63	1.77	6.87	2.10	---	1.71
8	1.49	1.48	1.56	1.75	5.04	2.53	1.63	1.70	6.06	1.96	---	1.71
9	1.49	1.48	1.56	2.19	2.88	2.17	1.63	1.67	3.30	1.86	---	1.70
10	1.52	1.48	1.58	2.52	2.58	1.97	1.62	1.69	2.93	1.79	---	1.70
11	1.53	1.48	1.57	2.14	3.82	1.87	1.67	1.71	2.62	---	---	1.70
12	1.53	1.48	1.56	1.90	8.94	1.81	2.12	2.89	2.37	---	---	1.70
13	1.52	1.48	1.68	1.78	9.15	1.77	1.98	6.70	2.23	---	---	1.72
14	1.51	1.47	1.79	1.72	6.39	1.77	1.73	7.18	2.15	---	---	1.71
15	1.50	1.48	1.69	1.68	4.88	2.26	1.66	10.13	2.11	---	---	1.71
16	1.49	1.50	1.62	1.64	3.69	2.20	1.64	9.68	2.08	---	---	1.72
17	1.49	1.52	1.59	1.71	2.98	1.97	1.63	7.91	---	---	---	1.72
18	1.49	1.87	1.58	1.98	2.69	1.85	1.62	5.41	---	---	---	1.72
19	1.48	2.15	1.58	1.89	2.45	1.79	1.61	5.32	---	---	1.68	1.71
20	1.48	1.72	1.57	1.76	2.28	1.75	1.61	4.05	---	---	1.73	1.70
21	1.47	1.57	1.56	1.69	2.16	1.71	1.60	3.02	---	---	1.75	1.70
22	1.46	1.55	1.57	1.64	2.05	1.68	1.60	2.74	---	---	1.74	1.69
23	1.46	1.55	1.63	1.61	3.05	1.67	1.60	2.45	2.55	---	1.75	1.69
24	1.46	1.65	1.66	1.59	6.63	1.66	1.61	2.23	3.27	---	1.78	1.71
25	1.46	1.66	1.63	1.66	8.11	1.67	1.90	2.12	---	---	1.84	1.71
26	1.58	1.61	1.59	1.90	6.69	1.68	3.84	2.05	---	---	1.80	1.70
27	1.78	1.71	1.59	2.09	3.76	1.68	2.70	2.02	---	---	1.75	1.70
28	1.54	2.05	1.61	1.80	2.94	1.68	2.06	1.99	---	---	1.75	1.69
29	1.50	1.93	2.07	1.67	2.61	1.67	1.81	1.96	6.71	---	1.75	1.68
30	1.49	1.70	3.52	1.98	---	1.68	1.75	1.94	3.62	---	1.74	1.67
31	1.49	---	2.53	2.83	---	1.66	---	1.95	---	---	1.73	---
MAX	1.78	2.15	3.52	2.83	9.15	3.15	3.84	10.13	---	---	---	1.77
MIN	1.46	1.47	1.55	1.59	1.75	1.66	1.60	1.67	---	---	---	1.67

07375960 TICKFAW RIVER AT MONTPELIER, LA

LOCATION.--Lat 30° 41' 10", long 90° 38' 35", sec. 51, T. 4 S., R. 6 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 16, 0.2 mi east of Montpelier.

DRAINAGE AREA.--220 mi².

PERIOD OF RECORD.--May 2001 to September 2003.

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

REMARKS.--Records fair, except for the periods of estimated discharge, which are poor. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,700 ft³/s, May 16, 2004; maximum gage height, 14.91 ft, May 16, 2004; minimum discharge, 63 ft³/s, June 30, gage height, 1.95 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10,700 ft³/s, May 16, gage height, 14.91 ft; minimum discharge, 92 ft³/s, Nov. 17, gage height, 2.33 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	99	123	232	215	309	e130	156	e280	2,200	126	111
2	105	99	115	172	206	267	e129	300	e450	1,180	128	110
3	104	98	111	149	176	241	e128	411	842	1,060	135	109
4	104	98	109	138	158	223	e127	356	770	731	140	134
5	104	99	108	136	193	211	e126	220	576	373	125	124
6	104	99	106	138	e1,800	277	122	177	322	268	121	115
7	105	98	105	137	e3,400	471	121	154	e315	237	118	110
8	103	97	106	137	2,090	353	121	141	e518	213	117	107
9	101	97	106	171	2,160	262	120	132	e1,110	200	117	106
10	105	97	107	199	764	223	120	134	528	202	120	105
11	109	96	107	202	584	199	119	143	256	232	118	104
12	107	97	106	178	2,720	186	122	539	206	186	184	104
13	105	96	110	154	5,850	179	153	2,880	180	196	161	103
14	103	94	116	142	5,720	173	148	3,120	167	174	137	104
15	101	94	119	135	4,370	e169	128	6,020	159	162	123	103
16	99	94	118	129	1,990	e188	121	9,840	160	154	118	102
17	99	94	111	130	611	e201	118	7,190	208	148	115	101
18	99	105	109	153	373	e183	117	5,180	178	161	114	100
19	98	132	107	168	304	e164	115	4,800	183	168	113	99
20	98	140	107	153	264	e154	114	1,920	e410	150	115	98
21	97	124	106	139	240	e148	114	636	920	145	126	97
22	96	109	106	131	222	e142	113	336	644	138	126	97
23	96	104	110	126	267	e139	112	265	352	135	118	97
24	95	110	111	124	916	e138	111	222	1,100	134	117	98
25	95	116	112	125	2,960	e137	131	194	4,330	138	115	99
26	117	111	110	128	4,270	e136	214	176	5,660	137	121	98
27	154	119	108	137	2,860	e135	311	164	5,910	133	120	97
28	122	137	107	158	1,200	e134	224	155	4,330	138	116	96
29	111	149	189	140	386	e132	164	149	3,420	129	119	95
30	103	142	448	151	---	e131	145	146	3,700	127	118	95
31	100	---	306	200	---	e131	---	e225	---	125	114	---
MEAN	105	108	130	152	1,630	198	138	1,499	1,273	319	124	104
MAX	154	149	448	232	5,850	471	311	9,840	5,910	2,200	184	134
MIN	95	94	105	124	158	131	111	132	159	125	113	95
MED	103	99	109	140	764	179	122	225	484	162	119	102
AC-FT	6,430	6,430	7,970	9,350	93,760	12,170	8,210	92,200	75,740	19,590	7,650	6,180
CFSM	0.48	0.49	0.59	0.69	7.41	0.90	0.63	6.82	5.79	1.45	0.57	0.47
IN.	0.55	0.55	0.68	0.80	7.99	1.04	0.70	7.86	6.46	1.67	0.65	0.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	351	257	254	186	1,008	463	439	578	551	398	153	262
MEAN	351	257	254	186	1,008	463	439	578	551	398	153	262
MAX	755	568	458	209	1,630	634	597	1,499	1,273	764	201	560
(WY)	(2003)	(2003)	(2003)	(2002)	(2004)	(2003)	(2002)	(2004)	(2004)	(2003)	(2002)	(2002)
MIN	105	94.8	130	152	211	198	138	106	105	110	124	104
(WY)	(2004)	(2002)	(2004)	(2004)	(2002)	(2004)	(2004)	(2002)	(2002)	(2002)	(2004)	(2004)

07375960 TICKFAW RIVER AT MONTPELIER, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL MEAN	356		476		404	
HIGHEST ANNUAL MEAN					477	
LOWEST ANNUAL MEAN					259	
HIGHEST DAILY MEAN	5,610	Feb 23	9,840	May 16	9,840	May 16, 2004
LOWEST DAILY MEAN	94	Nov 14	94	Nov 14	55	Aug 5, 2002
ANNUAL SEVEN-DAY MINIMUM	95	Nov 11	95	Nov 11	79	Sep 14, 2002
MAXIMUM PEAK FLOW			10,700	May 16	10,700	May 16, 2004
MAXIMUM PEAK STAGE			14.91	May 16	14.91	May 16, 2004
INSTANTANEOUS LOW FLOW			92	Nov 17	92	Nov 17, 2003
ANNUAL RUNOFF (AC-FT)	257,900		345,700		292,900	
ANNUAL RUNOFF (CFSM)	1.62		2.16		1.84	
ANNUAL RUNOFF (INCHES)	21.99		29.47		24.97	
10 PERCENT EXCEEDS	649		766		797	
50 PERCENT EXCEEDS	136		135		140	
90 PERCENT EXCEEDS	104		99		95	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.48	2.41	2.67	3.61	3.49	4.07	---	2.89	---	8.52	2.71	2.55
2	2.48	2.41	2.59	3.13	3.41	3.81	---	3.98	---	6.83	2.73	2.53
3	2.47	2.41	2.55	2.92	3.16	3.61	---	4.66	6.10	6.59	2.79	2.52
4	2.47	2.40	2.53	2.82	3.01	3.46	---	4.34	5.92	5.80	2.84	2.78
5	2.47	2.41	2.51	2.80	3.24	3.36	---	3.44	5.30	4.48	2.69	2.68
6	2.47	2.41	2.49	2.82	---	3.84	2.56	3.07	4.22	3.88	2.65	2.59
7	2.47	2.40	2.48	2.81	---	4.93	2.56	2.87	---	3.65	2.63	2.53
8	2.45	2.39	2.49	2.81	8.40	4.34	2.55	2.75	---	3.47	2.61	2.50
9	2.43	2.39	2.49	3.12	8.52	3.76	2.54	2.66	---	3.36	2.61	2.49
10	2.48	2.38	2.50	3.36	5.64	3.46	2.54	2.68	5.02	3.38	2.64	2.48
11	2.52	2.38	2.50	3.38	5.26	3.27	2.53	2.77	3.79	3.61	2.62	2.47
12	2.50	2.39	2.49	3.18	9.14	3.15	2.56	4.44	3.41	3.25	3.19	2.46
13	2.48	2.37	2.54	2.97	12.00	3.09	2.86	9.40	3.20	3.33	3.03	2.46
14	2.46	2.35	2.60	2.86	11.90	3.04	2.82	9.67	3.09	3.15	2.81	2.47
15	2.44	2.35	2.63	2.79	10.83	---	2.62	12.03	3.01	3.04	2.67	2.46
16	2.42	2.35	2.62	2.74	8.17	---	2.55	14.47	3.02	2.97	2.62	2.44
17	2.41	2.36	2.55	2.74	5.40	---	2.52	12.89	3.43	2.92	2.59	2.43
18	2.41	2.47	2.52	2.97	4.46	---	2.51	11.49	3.18	3.03	2.58	2.42
19	2.40	2.76	2.51	3.10	4.04	---	2.49	11.18	3.22	3.10	2.57	2.41
20	2.40	2.84	2.50	2.96	3.78	---	2.48	8.04	---	2.94	2.59	2.40
21	2.39	2.69	2.49	2.83	3.60	---	2.48	5.48	6.29	2.89	2.71	2.39
22	2.38	2.52	2.49	2.76	3.45	---	2.47	4.30	5.52	2.82	2.70	2.39
23	2.37	2.47	2.53	2.71	3.76	---	2.46	3.86	4.40	2.79	2.62	2.39
24	2.36	2.54	2.55	2.68	6.27	---	2.45	3.54	5.99	2.78	2.61	2.40
25	2.37	2.60	2.56	2.69	9.45	---	2.64	3.32	10.81	2.82	2.59	2.41
26	2.60	2.55	2.54	2.72	10.78	---	3.38	3.17	11.85	2.81	2.66	2.40
27	2.96	2.63	2.52	2.82	9.39	---	4.08	3.06	12.04	2.77	2.64	2.39
28	2.66	2.81	2.50	3.01	6.72	---	3.47	2.98	10.81	2.82	2.59	2.38
29	2.54	2.92	3.20	2.85	4.53	---	2.96	2.93	10.01	2.74	2.63	2.37
30	2.46	2.86	4.82	2.94	---	---	2.79	2.90	10.27	2.71	2.62	2.36
31	2.42	---	4.12	3.36	---	---	---	---	---	2.70	2.58	---
MAX	2.96	2.92	4.82	3.61	---	---	---	---	---	8.52	3.19	2.78
MIN	2.36	2.35	2.48	2.68	---	---	---	---	---	2.70	2.57	2.36

LOCATION.--Lat 30° 30' 13", long 90° 40' 38", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ 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 State Highway 190, 0.5 mi west of Holden, and 5.1 mi upstream from Big Branch.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 8	1200	2,300	9.67	May 17	1130	*8,680	*17.23
Feb 15	0530	4,010	13.02	Jun 28	1600	4,560	13.82
Feb 27	1000	2,930	11.07	Jul 1	1530	2,780	10.75

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	105	142	312	234	482	141	161	211	2,690	e137	114
2	108	104	128	226	248	391	139	198	299	1,940	e135	111
3	107	102	120	179	220	339	137	346	662	1,240	e133	111
4	106	102	117	157	188	302	136	410	822	1,060	e131	114
5	106	102	114	158	197	273	134	288	735	852	e129	133
6	106	102	113	162	900	283	133	199	554	495	127	123
7	105	101	112	153	2,000	435	133	165	451	371	123	113
8	105	101	111	152	2,230	485	131	148	827	319	121	110
9	106	100	111	178	1,680	356	129	136	989	281	119	107
10	112	100	112	203	1,550	278	128	130	917	249	120	106
11	114	100	112	210	880	241	128	136	431	310	121	105
12	113	100	112	205	1,680	221	127	675	300	269	121	107
13	112	100	117	178	2,580	210	130	1,850	247	246	177	107
14	110	100	119	159	3,520	202	150	2,390	221	225	152	105
15	108	98	120	148	3,950	198	144	3,070	206	200	134	106
16	106	99	123	140	3,240	221	130	4,560	195	184	124	105
17	105	100	122	137	1,600	229	125	8,180	200	174	118	104
18	105	105	116	139	688	213	122	6,110	228	183	115	103
19	104	113	114	158	480	195	120	4,380	203	194	114	103
20	104	132	113	167	391	183	119	3,480	216	181	115	102
21	104	139	112	155	335	176	117	1,750	656	165	117	101
22	103	126	112	143	294	169	116	762	794	158	124	101
23	102	114	115	136	479	164	116	500	567	154	123	103
24	101	113	115	133	1,210	160	115	402	465	152	117	104
25	101	114	116	132	1,940	158	123	338	1,860	147	124	103
26	100	119	116	137	2,660	156	155	292	3,440	149	116	103
27	124	163	115	144	2,880	153	217	260	4,090	147	119	104
28	143	159	113	145	2,180	151	269	240	4,470	144	119	102
29	124	146	182	157	914	149	191	226	3,640	145	118	101
30	115	149	324	213	---	147	177	215	2,750	143	119	101
31	108	---	421	222	---	145	---	207	---	e140	117	---
TOTAL	3,376	3,408	4,189	5,238	41,348	7,465	4,232	42,204	31,646	13,307	3,879	3,212
MEAN	109	114	135	169	1,426	241	141	1,361	1,055	429	125	107
MAX	143	163	421	312	3,950	485	269	8,180	4,470	2,690	177	133
MIN	100	98	111	132	188	145	115	130	195	140	114	101
CFSM	0.44	0.46	0.55	0.68	5.77	0.97	0.57	5.51	4.27	1.74	0.51	0.43
IN.	0.51	0.51	0.63	0.79	6.23	1.12	0.64</					

[illegible]

MISSISSIPPI RIVER DELTA

07376000 TICKFAW RIVER AT HOLDEN, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1941 - 2004	
ANNUAL TOTAL	143,911		163,504			
ANNUAL MEAN	394		447		387	
HIGHEST ANNUAL MEAN					707	1983
LOWEST ANNUAL MEAN					94.8	2000
HIGHEST DAILY MEAN	4,860	Feb 24	8,180	May 17	19,200	Apr 7, 1983
LOWEST DAILY MEAN	98	Nov 15	98	Nov 15	53	Jun 12, 2000
ANNUAL SEVEN-DAY MINIMUM	100	Nov 10	100	Nov 10	56	Sep 2, 2000
MAXIMUM PEAK FLOW			8,680	May 17	22,500	Apr 7, 1983
MAXIMUM PEAK STAGE			17.23	May 17	21.04	Apr 7, 1983
INSTANTANEOUS LOW FLOW			98	Nov 15	52	Sep 6, 2000
INSTANTANEOUS LOW STAGE			0.88	Nov 15,16,18	a-0.15	Sep 6, 2000
ANNUAL RUNOFF (CFSM)	1.60		1.81		1.56	
ANNUAL RUNOFF (INCHES)	21.67		24.62		21.26	
10 PERCENT EXCEEDS	833		915		799	
50 PERCENT EXCEEDS	170		144		165	
90 PERCENT EXCEEDS	108		104		98	

a Also occurred Sep 7, 2000.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.99	0.95	1.32	2.65	2.11	3.78	1.47	1.64	2.08	10.55	---	1.12
2	0.98	0.94	1.18	2.04	2.22	3.26	1.45	1.98	2.67	8.78	---	1.09
3	0.97	0.92	1.10	1.65	1.99	2.95	1.43	2.99	4.62	6.79	---	1.09
4	0.96	0.92	1.06	1.45	1.73	2.72	1.42	3.37	5.28	6.13	---	1.12
5	0.96	0.92	1.04	1.46	1.80	2.54	1.40	2.63	4.94	5.37	---	1.30
6	0.96	0.92	1.03	1.50	5.37	2.60	1.39	1.98	4.13	3.84	1.32	1.20
7	0.95	0.91	1.02	1.41	8.98	3.50	1.39	1.69	3.61	3.14	1.28	1.10
8	0.95	0.91	1.01	1.41	9.52	3.79	1.37	1.53	5.27	2.83	1.26	1.06
9	0.96	0.90	1.01	1.65	8.15	3.05	1.35	1.42	5.87	2.60	1.24	1.03
10	1.02	0.90	1.02	1.85	7.77	2.58	1.34	1.36	5.61	2.38	1.24	1.02
11	1.04	0.90	1.02	1.91	5.46	2.32	1.34	1.41	3.48	2.77	1.25	1.01
12	1.03	0.90	1.02	1.87	8.09	2.17	1.33	4.14	2.71	2.51	1.24	1.02
13	1.02	0.90	1.07	1.64	10.29	2.07	1.36	8.58	2.37	2.36	1.75	1.02
14	1.00	0.90	1.09	1.47	12.18	2.00	1.54	9.87	2.17	2.20	1.53	1.00
15	0.98	0.88	1.10	1.36	12.92	1.97	1.49	11.33	2.04	1.98	1.37	1.00
16	0.96	0.89	1.13	1.30	11.66	2.16	1.36	13.82	1.94	1.86	1.26	0.99
17	0.95	0.90	1.12	1.26	7.79	2.23	1.31	16.95	1.99	1.77	1.20	0.98
18	0.95	0.95	1.06	1.28	4.73	2.10	1.28	15.50	2.22	1.85	1.17	0.97
19	0.94	1.03	1.04	1.46	3.77	1.95	1.26	13.54	2.01	1.93	1.16	0.96
20	0.94	1.22	1.03	1.54	3.26	1.85	1.25	12.11	2.11	1.83	1.16	0.95
21	0.94	1.29	1.02	1.43	2.92	1.79	1.23	8.21	4.56	1.68	1.18	0.94
22	0.93	1.16	1.02	1.32	2.67	1.72	1.22	5.02	5.17	1.62	1.25	0.94
23	0.92	1.04	1.05	1.26	3.65	1.67	1.22	3.87	4.17	1.59	1.24	0.95
24	0.91	1.03	1.05	1.22	6.67	1.64	1.21	3.32	3.64	1.56	1.17	0.96
25	0.91	1.04	1.06	1.21	8.82	1.62	1.29	2.94	8.41	1.52	1.24	0.95
26	0.90	1.09	1.06	1.27	10.47	1.60	1.59	2.66	12.04	1.54	1.16	0.95
27	1.13	1.49	1.05	1.33	10.95	1.58	2.12	2.46	13.14	1.52	1.19	0.95
28	1.33	1.47	1.03	1.34	9.37	1.55	2.51	2.32	13.69	1.49	1.18	0.93
29	1.14	1.35	1.66	1.45	5.56	1.54	1.91	2.21	12.37	1.50	1.17	0.92
30	1.05	1.38	2.71	1.93	---	1.52	1.79	2.12	10.67	1.48	1.18	0.92
31	0.98	---	3.33	2.02	---	1.50	---	2.04	---	---	1.15	---
MAX	1.33	1.49	3.33	2.65	12.92	3.79	2.51	16.95	13.69	---	---	1.30
MIN	0.90	0.88	1.01	1.21	1.73	1.50	1.21	1.36	1.94	---	---	0.92

07376420 NATALBANY RIVER AT AMITE, LA.

LOCATION.--Lat 30° 42'45", long 90° 34'26", sec. 53, T. 4 S., R. 6 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070203, on downstream side of bridge on State Highway 16, 1.25 miles southwest of Coon Branch, and 2.75 miles west of Interstate 55.

DRAINAGE AREA.--34.5 mi².

PERIOD OF RECORD.--December 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NAVD 1988. Prior to Oct. 1, 2003, datum of gage was 102.65 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.83 ft, May 15, 2004; minimum gage height, 6.99 ft, May 31-June 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.83 ft, May 15; minimum gage height, 9.38 ft, Apr. 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.69	9.66	9.63	10.16	10.35	10.76	9.65	9.66	9.99	11.65	9.69	9.56
2	9.69	9.67	9.63	9.94	10.24	10.64	9.65	10.39	7.44	10.12	9.68	9.56
3	9.68	9.67	9.62	9.84	10.14	10.53	9.65	10.30	10.71	11.36	9.67	9.55
4	9.68	9.66	9.63	9.78	10.07	10.42	9.64	10.01	10.56	10.86	9.68	9.81
5	9.68	9.67	9.63	9.79	10.55	10.35	9.64	9.83	10.15	10.60	9.67	9.85
6	9.68	9.67	9.63	9.81	14.72	11.16	9.64	9.72	10.06	10.41	9.67	9.78
7	9.68	9.67	9.63	9.83	14.10	11.14	9.65	9.69	10.13	10.25	9.70	9.74
8	9.69	9.66	9.63	9.93	11.68	10.67	9.66	9.67	10.56	10.33	9.67	9.72
9	9.69	9.65	9.62	10.30	11.11	10.46	9.65	9.63	10.38	10.49	9.66	9.67
10	9.75	9.64	9.64	10.41	10.99	10.32	9.64	9.59	10.13	10.36	9.67	9.62
11	9.73	9.64	9.63	10.24	12.22	10.22	9.66	9.50	9.99	10.41	9.73	9.63
12	9.72	9.64	9.63	10.07	14.34	10.14	9.64	11.51	9.90	10.12	10.05	9.67
13	9.72	9.64	9.73	9.98	13.62	10.06	6.99	13.73	9.85	9.97	10.20	9.74
14	9.72	9.64	9.63	9.91	12.19	10.02	9.65	11.90	9.81	9.90	9.84	9.82
15	9.71	9.63	9.63	9.84	11.88	10.01	7.00	17.52	9.78	9.88	9.74	9.83
16	9.70	9.63	9.64	9.81	11.30	9.99	9.65	16.42	9.75	9.77	9.71	9.81
17	9.70	9.64	9.64	9.84	11.00	9.97	9.65	13.06	9.73	9.75	9.70	9.79
18	9.70	9.81	9.64	10.25	10.81	9.95	9.64	11.46	9.71	9.85	9.70	9.82
19	9.69	9.66	9.64	10.25	10.66	9.96	9.63	11.12	9.68	9.87	7.08	9.87
20	9.67	9.65	9.64	10.09	10.56	9.89	9.62	10.81	11.53	9.77	---	9.84
21	9.67	9.63	9.64	10.02	10.46	9.84	9.62	10.55	10.61	9.71	---	9.78
22	9.67	9.63	9.63	9.93	10.36	9.80	9.60	10.37	10.16	9.68	---	9.75
23	9.67	9.63	9.68	9.89	12.02	9.77	9.57	10.25	9.93	9.68	---	9.92
24	9.66	9.73	9.64	9.81	12.85	9.75	9.52	10.17	11.27	9.67	7.12	10.13
25	9.67	9.63	9.63	9.96	14.68	9.75	9.70	10.08	14.97	9.69	9.77	10.10
26	9.67	9.63	9.63	10.08	14.06	9.73	9.76	10.00	15.45	9.66	9.71	10.11
27	9.67	9.92	9.63	9.93	11.70	9.70	9.70	9.95	14.22	9.64	9.70	10.09
28	9.66	9.72	9.63	9.92	11.18	9.68	9.59	9.91	12.81	9.64	9.68	10.04
29	9.66	9.65	10.93	9.89	10.91	9.68	9.54	9.88	11.80	9.65	9.65	10.11
30	9.66	9.63	11.37	10.18	---	9.68	9.59	9.86	11.10	9.68	9.61	10.21
31	9.66	---	10.50	10.44	---	9.66	---	9.79	---	9.68	9.57	---
MAX	9.75	9.92	11.37	10.44	14.72	11.16	9.76	17.52	15.45	11.65	---	10.21
MIN	9.66	9.63	9.62	9.78	10.07	9.66	6.99	9.50	7.44	9.64	---	9.55

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 NAVD 88. Prior to July 29, 1994, the datum of gage was 11.28 ft above NGVD of 1929. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft upstream at same datum.

REMARKS.--Records good. Satellite telemetry and rain gage at station. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 12	2200	1,710	12.70	May 16	0300	*4,300	*16.47
May 13	0130	2,400	13.97	Jun 26	1600	2,470	14.07

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	12	10	29	34	61	e17	28	44	141	e25	16
2	13	12	9.8	21	30	54	e16	58	50	400	e23	16
3	13	12	9.6	17	29	48	e16	36	63	243	21	62
4	13	12	9.4	15	21	43	e16	25	77	170	21	37
5	13	12	9.4	40	90	39	e16	19	101	321	20	24
6	13	12	9.3	43	1,230	95	e16	16	67	124	20	20
7	13	11	9.4	19	985	103	e16	14	71	170	19	18
8	13	12	9.5	27	361	59	e16	13	88	146	19	17
9	13	11	9.5	70	e135	44	e16	13	64	73	19	16
10	18	11	9.7	40	114	37	e16	13	54	123	19	16
11	16	11	9.7	26	507	33	e16	103	50	224	21	16
12	14	11	9.6	20	1,440	31	e16	880	45	98	20	21
13	13	11	14	17	1,160	29	e16	1,810	43	107	25	17
14	13	11	16	15	447	28	16	458	44	56	23	16
15	13	11	11	14	254	36	16	3,450	42	47	20	16
16	13	11	10	14	141	98	15	4,140	41	43	18	15
17	13	11	9.7	14	99	38	15	2,860	41	41	18	15
18	13	15	9.4	15	e57	30	15	495	41	75	17	14
19	12	20	9.3	19	45	27	15	189	40	60	17	14
20	13	13	9.2	17	61	e25	14	131	101	43	18	14
21	12	12	9.3	15	55	e24	15	99	92	42	21	14
22	12	12	9.3	15	49	e23	14	80	66	41	23	14
23	12	11	15	14	613	e22	14	69	65	43	19	14
24	12	12	12	14	1,420	e22	14	63	317	42	19	15
25	12	13	10	14	1,490	e21	25	58	1,700	e39	17	14
26	13	12	9.7	19	1,140	e20	73	55	2,270	e37	17	14
27	12	100	9.4	17	363	e20	26	51	1,820	e35	16	14
28	12	55	9.5	15	115	e19	18	50	1,200	e33	18	13
29	12	17	324	14	77	e18	16	47	648	e31	21	13
30	12	12	242	105	---	e18	31	44	293	e29	20	13
31	12	---	55	62	---	e18	---	42	---	e27	17	---
TOTAL	401	498	908.7	796	12,562	1,183	561	15,409	9,638	3,104	611	538
MEAN	12.9	16.6	29.3	25.7	433	38.2	18.7	497	321	100	19.7	17.9
MAX	18	100	324	105	1,490	103	73	4,140	2,270	400	25	62
MIN	12	11	9.2	14	21	18	14	13	40	27	16	13
CFSM	0.16	0.21	0.37	0.32	5.45	0.48	0.24	6.25	4.04	1.26	0.25	0.23
IN.	0.19	0.23	0.43	0.37	5.88	0.55	0.26	7.21	4.51	1.45	0.29	0.25

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

	MEAN	39.5	75.8	132	179	242	211	194	116	70.6	60.0	57.4	60.1
MAX	356	750	710	710	1,026	563	821	791	518	432	378	586	
(WY)	(1986)	(1949)	(1954)	(1998)	(1966)	(1995)	(1983)	(1953)	(2001)	(2003)	(1992)	(1977)	
MIN	2.61	3.47	6.97	9.48	6.66	15.2	8.36	5.60	5.88	4.55	4.94	5.86	
(WY)	(1964)	(1966)	(1959)	(1957)	(2000)	(1955)	(1963)	(1963)	(1955)	(1947)	(1948)	(1969)	

07376500 NATALBANY RIVER AT BAPTIST, LA.—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1944 - 2004		
ANNUAL TOTAL	45,631			46,209			119		
ANNUAL MEAN	125			126			234		1983
HIGHEST ANNUAL MEAN							19.7		2000
LOWEST ANNUAL MEAN							9,700	Apr	7, 1983
HIGHEST DAILY MEAN	4,130	Jul 1		4,140	May 16		9,700	Apr	7, 1983
LOWEST DAILY MEAN	9.2	Dec 20		9.2	Dec 20		1.8	Nov	3, 1963
ANNUAL SEVEN-DAY MINIMUM	9.4	Dec 3		9.4	Dec 3		2.1	Dec	11, 1962
MAXIMUM PEAK FLOW				4,300	May 16		9,810	Apr	7, 1983
MAXIMUM PEAK STAGE				16.47	May 16		20.80	Apr	7, 1983
INSTANTANEOUS LOW FLOW				9.2	aDec 6		1.8	Nov	2, 1963
INSTANTANEOUS LOW STAGE				3.33	May 10, 11		b2.78	Oct	14, 1980
ANNUAL RUNOFF (CFSM)	1.57			1.59			1.50		
ANNUAL RUNOFF (INCHES)	21.35			21.62			20.35		
10 PERCENT EXCEEDS	201			153			247		
50 PERCENT EXCEEDS	25			20			25		
90 PERCENT EXCEEDS	12			12			7.3		

a Also occurred on Dec. 18,19, 20, 21, 22.

b Also occurred on Oct. 15-18, 1980.

c Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.74	3.70	3.70	4.33	4.45	4.65	---	3.87	4.11	5.73	---	3.47
2	3.75	3.69	3.67	4.09	4.34	4.51	---	4.57	4.24	7.79	---	3.46
3	3.75	3.68	3.66	3.97	4.33	4.37	---	4.10	4.48	6.66	3.64	4.21
4	3.74	3.68	3.65	3.89	4.09	4.26	---	3.78	4.70	5.95	3.64	4.08
5	3.74	3.68	3.65	4.47	5.38	4.19	---	3.57	4.88	7.13	3.63	3.75
6	3.74	3.69	3.65	4.50	11.45	5.13	---	3.46	4.53	5.53	3.61	3.61
7	3.74	3.68	3.65	4.04	10.70	5.29	---	3.41	4.59	5.73	3.59	3.53
8	3.76	3.68	3.65	4.21	7.34	4.60	---	3.37	4.87	5.71	3.58	3.50
9	3.74	3.67	3.66	5.14	---	4.29	---	3.37	4.50	4.85	3.57	3.49
10	3.93	3.67	3.67	4.59	5.63	4.12	---	3.35	4.31	5.24	3.58	3.48
11	3.88	3.67	3.66	4.25	8.22	4.02	---	4.67	4.22	6.43	3.63	3.48
12	3.78	3.67	3.66	4.06	12.02	3.96	---	8.46	4.13	5.19	3.61	3.62
13	3.75	3.66	3.86	3.95	11.18	3.91	---	12.71	4.08	5.32	3.77	3.51
14	3.74	3.65	3.94	3.90	8.00	3.88	3.47	8.14	4.10	4.53	3.71	3.46
15	3.73	3.66	3.74	3.87	6.61	4.03	3.46	15.34	4.07	4.34	3.59	3.46
16	3.73	3.67	3.68	3.84	5.55	5.15	3.44	16.29	4.05	4.26	3.55	3.43
17	3.73	3.67	3.66	3.85	5.02	4.14	3.44	14.56	4.06	4.23	3.53	3.42
18	3.73	3.81	3.65	3.91	---	3.92	3.43	8.14	4.04	4.85	3.52	3.42
19	3.72	4.00	3.65	4.03	4.57	3.86	3.42	6.04	4.03	4.60	3.51	3.41
20	3.72	3.73	3.64	3.97	4.44	---	3.41	5.44	4.84	4.26	3.56	3.40
21	3.72	3.69	3.64	3.91	4.33	---	3.42	5.02	4.91	4.23	3.65	3.39
22	3.71	3.69	3.65	3.88	4.20	---	3.41	4.75	4.53	4.22	3.69	3.39
23	3.71	3.67	3.86	3.85	8.03	---	3.40	4.59	4.50	4.26	3.58	3.41
24	3.71	3.70	3.75	3.84	12.02	---	3.40	4.47	6.16	4.24	3.56	3.44
25	3.71	3.75	3.70	3.86	12.20	---	3.71	4.39	12.64	---	3.52	3.41
26	3.72	3.68	3.66	4.02	11.20	---	4.82	4.32	13.74	---	3.49	3.39
27	3.71	5.01	3.65	3.97	7.44	---	3.81	4.25	12.91	---	3.49	3.38
28	3.71	4.85	3.65	3.89	5.44	---	3.55	4.23	11.29	---	3.54	3.37
29	3.71	3.96	6.73	3.86	4.92	---	3.46	4.17	9.24	---	3.66	3.37
30	3.71	3.76	6.69	5.48	---	---	3.91	4.12	6.96	---	3.61	3.36
31	3.70	---	4.89	5.00	---	---	---	4.08	---	---	3.50	---
MAX	3.93	5.01	6.73	5.48	---	---	---	16.29	13.74	---	---	4.21
MIN	3.70	3.65	3.64	3.84	---	---	---	3.35	4.03	---	---	3.36

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 NGVD of 1929. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

REMARKS.--Records good, except for estimated daily discharge, which are poor. Satellite telemetry and rain gage at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 7	1200	31,000	14.60	May 16	1100	32,200	14.81
Feb 13	0830	*35,800	*15.40	May 19	1200	9,930	9.44
Feb 25	0930	18,000	12.01				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	229	231	442	717	1,590	982	365	365	4,300	5,740	348	298
2	227	229	362	511	1,070	869	355	882	3,360	4,460	383	277
3	225	229	329	433	847	783	351	857	3,700	2,660	350	272
4	225	229	308	387	727	724	345	535	2,350	1,400	324	298
5	225	229	294	382	1,790	676	337	409	1,160	1,050	312	369
6	225	229	281	1,150	16,600	1,120	332	355	4,110	937	310	301
7	228	227	274	1,040	26,900	2,870	329	329	5,820	906	322	277
8	230	225	273	663	9,020	1,800	333	312	4,730	978	306	268
9	235	225	274	1,170	2,150	924	330	300	1,630	1,250	292	264
10	248	225	275	2,020	1,440	738	324	293	964	875	300	260
11	250	226	273	1,210	2,840	643	327	299	715	947	306	257
12	244	227	269	752	20,200	589	370	973	595	619	321	257
13	239	225	309	578	29,900	552	353	4,740	703	515	296	380
14	235	218	823	496	10,900	538	329	4,620	573	467	284	365
15	231	218	612	450	4,730	728	315	17,300	530	430	274	282
16	225	226	417	416	3,030	759	309	29,200	522	401	267	267
17	225	242	342	405	1,740	683	305	13,600	2,550	387	265	262
18	225	330	314	1,080	1,210	591	301	5,460	1,380	395	262	255
19	225	480	299	1,570	966	533	297	9,310	916	374	261	250
20	225	374	290	920	831	497	294	5,600	1,290	360	277	247
21	224	288	282	625	736	472	291	1,430	866	346	300	244
22	220	259	278	510	654	447	290	844	635	336	300	244
23	218	252	291	452	2,820	428	286	623	862	346	299	244
24	217	321	352	419	11,100	417	283	503	885	495	286	250
25	219	353	368	706	15,900	409	316	433	4,090	499	294	253
26	569	307	322	6,200	6,540	400	574	386	5,900	407	308	251
27	443	302	301	6,510	2,860	392	546	355	5,680	748	290	247
28	286	1,980	291	2,540	1,710	384	380	333	2,980	503	286	242
29	251	1,810	475	1,110	1,190	382	326	318	2,700	388	281	240
30	240	680	1,540	1,120	---	415	319	307	2,870	352	323	239
31	234	---	1,410	2,010	---	389	---	557	---	336	350	---
TOTAL	7,742	11,596	12,970	38,552	181,991	22,134	10,212	101,828	69,366	29,907	9,377	8,160
MEAN	250	387	418	1,244	6,276	714	340	3,285	2,312	965	302	272
MAX	569	1,980	1,540	6,510	29,900	2,870	574	29,200	5,900	5,740	383	380
MIN	217	218	269	382	654	382	283	293	522	336	261	239
CFSM	0.43	0.67	0.72	2.14	10.8	1.23	0.59	5.66	3.99	1.66	0.52	0.47
IN.	0.50	0.74	0.83	2.47	11.67	1.42	0.65	6.53	4.45	1.92	0.60	0.52

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

MEAN	472	566	1,027	1,238	1,788	1,561	1,458	931	650	508	431	488
MAX	2,964	2,528	4,106	3,870	6,276	5,194	6,032	4,275	2,915	2,184	1,491	2,081
(WY)	(1965)	(1958)	(1972)	(1998)	(2004)	(1980)	(1983)	(1953)	(1975)	(1989)	(1975)	(1975)
MIN	197	225	263	339	311	358	318	213	252	217	215	220
(WY)	(1964)	(1970)	(1967)	(1957)	(2000)	(2000)	(2001)	(2001)	(2000)	(2000)	(2000)	(1963)

07377000 AMITE RIVER NEAR DARLINGTON, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	236,519		503,835			
ANNUAL MEAN	648		1,377		915	
HIGHEST ANNUAL MEAN					1,924	1983
LOWEST ANNUAL MEAN					328	2000
HIGHEST DAILY MEAN	26,300	Feb 23	29,900	Feb 13	58,500	Apr 7, 1983
LOWEST DAILY MEAN	217	Oct 24	217	Oct 24	170	Sep 7, 2000
ANNUAL SEVEN-DAY MINIMUM	221	Oct 19	221	Oct 19	177	Sep 2, 2000
MAXIMUM PEAK FLOW			35,800	Feb 13	104,000	Jan 25, 1990
MAXIMUM PEAK STAGE			15.40	Feb 13	22.05	Jan 25, 1990
INSTANTANEOUS LOW FLOW			217	aOct 22	167	Sep 7, 2000
INSTANTANEOUS LOW STAGE			0.63	Sep 30	b0.39	Sep 7, 1990
ANNUAL RUNOFF (CFSM)	1.12		2.37		1.58	
ANNUAL RUNOFF (INCHES)	15.17		32.31		21.43	
10 PERCENT EXCEEDS	956		2,850		1,540	
50 PERCENT EXCEEDS	336		377		408	
90 PERCENT EXCEEDS	235		235		250	

a Also occurred on Oct. 23, 24, 25, Nov. 14, 15.

b Also occurred on Sep 7-9, 1990.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.15	1.16	1.64	2.15	3.19	2.37	1.28	1.28	5.85	6.90	0.94	0.81
2	1.15	1.15	1.47	1.78	2.49	2.19	1.26	2.18	5.07	5.92	1.02	0.76
3	1.14	1.15	1.39	1.62	2.16	2.05	1.25	2.17	5.36	4.26	0.95	0.75
4	1.14	1.15	1.34	1.53	1.95	1.95	1.24	1.62	4.04	2.79	0.89	0.81
5	1.14	1.15	1.31	1.52	3.05	1.87	1.22	1.37	2.62	2.28	0.86	0.97
6	1.14	1.15	1.28	2.76	11.57	2.47	1.21	1.26	5.57	2.10	0.86	0.82
7	1.15	1.15	1.26	2.63	13.84	4.60	1.20	1.20	6.98	2.05	0.88	0.76
8	1.15	1.14	1.26	2.06	8.50	3.42	1.21	1.16	6.07	2.13	0.85	0.73
9	1.17	1.14	1.26	2.78	3.83	2.28	1.20	1.13	3.20	2.55	0.82	0.72
10	1.20	1.14	1.26	3.85	3.01	1.97	1.19	1.12	2.27	1.98	0.83	0.71
11	1.20	1.14	1.26	2.87	4.39	1.81	1.19	1.13	1.85	2.09	0.85	0.70
12	1.19	1.15	1.25	2.20	12.33	1.72	1.29	2.15	1.63	1.54	0.88	0.70
13	1.18	1.14	1.35	1.91	14.35	1.65	1.25	6.20	1.80	1.35	0.82	0.97
14	1.17	1.12	2.29	1.75	9.61	1.63	1.20	6.07	1.56	1.24	0.79	0.95
15	1.15	1.12	1.96	1.66	6.19	1.96	1.17	11.55	1.47	1.17	0.77	0.76
16	1.14	1.14	1.59	1.58	4.75	2.01	1.15	14.27	1.45	1.11	0.76	0.72
17	1.14	1.18	1.43	1.56	3.39	1.88	1.15	10.54	4.13	1.08	0.75	0.70
18	1.14	1.39	1.36	2.59	2.70	1.72	1.14	6.75	2.81	1.09	0.74	0.69
19	1.14	1.72	1.32	3.33	2.35	1.62	1.13	9.11	2.12	1.05	0.74	0.68
20	1.14	1.49	1.30	2.46	2.13	1.55	1.12	6.66	2.65	1.01	0.78	0.67
21	1.14	1.29	1.28	1.99	1.97	1.50	1.11	3.13	2.03	0.98	0.83	0.66
22	1.13	1.23	1.27	1.78	1.83	1.44	1.11	2.31	1.63	0.96	0.83	0.66
23	1.12	1.21	1.30	1.66	3.96	1.41	1.10	1.94	2.02	0.97	0.82	0.66
24	1.12	1.37	1.45	1.59	9.90	1.38	1.09	1.71	2.05	1.27	0.79	0.67
25	1.12	1.45	1.49	2.00	11.47	1.37	1.17	1.56	5.56	1.28	0.81	0.67
26	1.82	1.34	1.37	7.20	7.34	1.35	1.69	1.45	7.02	1.09	0.84	0.67
27	1.63	1.33	1.33	7.43	4.58	1.34	1.64	1.37	6.85	1.70	0.80	0.66
28	1.29	3.70	1.30	4.18	3.35	1.32	1.31	1.31	4.60	1.27	0.79	0.64
29	1.21	3.59	1.66	2.56	2.67	1.32	1.19	1.26	4.33	1.04	0.78	0.64
30	1.18	2.08	3.30	2.57	---	1.38	1.18	1.22	4.48	0.96	0.88	0.64
31	1.16	---	3.13	3.69	---	1.33	---	1.58	---	0.93	0.93	---
MAX	1.82	3.70	3.30	7.43	14.35	4.60	1.69	14.27	7.02	6.90	1.02	0.97
MIN	1.12	1.12	1.25	1.52	1.83	1.32	1.09	1.12	1.45	0.93	0.74	0.64

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 NGVD of 1929. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft upstream. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Records fair, except for estimated daily discharge, which are poor. Satellite telemetry and rain gage at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 6	0100	4,430	8.00	May 15	1700	*14,500	*14.99
Feb 12	2200	8,530	11.42	Jun 25	1900	4,130	7.69
May 14	1000	3,690	7.23				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	47	51	65	133	112	62	121	1,230	423	e62	e49
2	45	47	50	59	99	103	62	404	1,690	368	e84	e70
3	45	46	50	57	88	96	61	273	e1,460	212	e95	e92
4	45	46	49	56	83	93	62	125	e908	149	e84	e103
5	45	46	48	57	1,010	90	61	104	e305	130	e73	e49
6	46	46	48	79	3,160	112	60	96	e141	e91	e84	e50
7	46	45	48	75	2,110	356	60	91	e207	e113	e59	e49
8	49	45	47	64	415	119	60	88	e283	103	e70	e49
9	49	45	48	102	176	93	60	87	e119	100	e70	e53
10	50	45	47	123	201	85	59	86	e108	106	e92	e42
11	49	45	47	79	1,070	81	62	85	e108	105	e81	e53
12	48	45	48	67	5,940	78	68	1,070	e80	94	e136	e42
13	48	44	55	63	4,020	77	63	2,130	e90	89	e81	e49
14	47	44	142	61	1,050	76	61	3,360	e163	87	e59	e86
15	47	44	e110	60	722	110	60	11,300	e95	86	e59	e86
16	46	44	e70	60	341	112	60	5,120	e84	84	e59	e42
17	46	44	e53	63	196	90	59	1,110	e163	82	e50	e53
18	46	78	e53	179	151	80	59	1,000	e163	e117	e59	e53
19	46	76	e47	146	128	76	59	1,400	e84	101	e81	e53
20	46	57	e47	80	117	74	58	780	e75	90	e59	e42
21	46	47	e47	69	109	73	58	263	e196	86	e59	e42
22	46	45	49	65	103	70	58	169	e152	84	e70	e53
23	46	44	49	63	988	68	58	130	e458	84	e59	e53
24	46	66	53	63	1,880	68	66	109	953	e80	e59	e53
25	48	63	53	70	1,730	68	359	99	2,870	e80	e81	e50
26	69	50	50	528	647	68	387	92	2,680	e102	e81	e50
27	71	53	50	240	267	67	153	89	1,300	e95	e81	e42
28	52	94	50	98	169	67	102	87	675	e95	e49	e39
29	49	80	238	85	129	65	93	86	369	e62	e49	e50
30	48	56	206	230	---	65	111	86	335	e62	e70	e42
31	47	---	91	308	---	66	---	88	---	e73	e70	---
TOTAL	1,502	1,577	2,094	3,414	27,232	2,858	2,661	30,128	17,544	3,633	2,225	1,639
MEAN	48.5	52.6	67.5	110	939	92.2	88.7	972	585	117	71.8	54.6
MAX	71	94	238	528	5,940	356	387	11,300	2,870	423	136	103
MIN	45	44	47	56	83	65	58	85	75	62	49	39
CFSM	0.33	0.36	0.47	0.76	6.48	0.64	0.61	6.70	4.03	0.81	0.49	0.38
IN.	0.39	0.40	0.54	0.88	6.99	0.73	0.68	7.73	4.50	0.93	0.57	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2004, BY WATER YEAR (WY)

MEAN	115	151	264	398	461	416	385	217	162	121	122	108
MAX	774	758	1,137	1,506	1,454	1,266	1,507	1,232	1,406	570	607	623
(WY)	(1986)	(1978)	(1983)	(1990)	(1966)	(1961)	(1997)	(1953)	(2001)	(1989)	(2002)	(1977)
MIN	33.5	35.7	53.1	62.8	43.9	65.5	46.2	41.8	47.4	49.3	42.5	38.5
(WY)	(2001)	(1969)	(1967)	(1957)	(2000)	(2000)	(1963)	(2001)	(1977)	(1956)	(1957)	(1972)

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1943 - 2004	
ANNUAL TOTAL	77,089		96,507			
ANNUAL MEAN	211		264		242	
HIGHEST ANNUAL MEAN					527	
LOWEST ANNUAL MEAN					62.2	
HIGHEST DAILY MEAN	8,130	Feb 22	11,300	May 15	19,400	Jun 8, 2001
LOWEST DAILY MEAN	41	Sep 7	39	Sep 28	28	Oct 31, 2000
ANNUAL SEVEN-DAY MINIMUM	42	Sep 6	44	Nov 11	28	Oct 29, 2000
MAXIMUM PEAK FLOW			14,500	May 15	25,300	Jun 8, 2001
MAXIMUM PEAK STAGE			14.99	May 15	23.37	Mar 18, 1961
INSTANTANEOUS LOW FLOW			unknown		26	Oct 31, 2000
INSTANTANEOUS LOW STAGE			unknown		a0.01	Sep 13, 1995
ANNUAL RUNOFF (CFSM)	1.46		1.82		1.67	
ANNUAL RUNOFF (INCHES)	19.78		24.76		22.70	
10 PERCENT EXCEEDS	222		374		418	
50 PERCENT EXCEEDS	70		74		79	
90 PERCENT EXCEEDS	46		46		46	

a Also occurred Sep 14, 1995.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.29	0.32	0.38	0.54	0.99	0.64	0.20	0.70	3.78	1.93	---	---
2	0.28	0.31	0.36	0.48	0.80	0.57	0.18	1.78	4.65	1.78	---	---
3	0.28	0.31	0.35	0.46	0.72	0.52	0.18	1.38	---	1.27	---	---
4	0.28	0.31	0.34	0.44	0.68	0.49	0.19	0.73	---	1.00	---	---
5	0.28	0.31	0.33	0.46	2.80	0.47	0.17	0.58	---	0.90	---	---
6	0.30	0.30	0.33	0.64	6.59	0.59	0.17	0.51	---	---	---	---
7	0.30	0.29	0.33	0.62	5.25	1.67	0.17	0.48	---	---	---	---
8	0.34	0.29	0.32	0.53	1.99	0.68	0.16	0.46	---	0.72	---	---
9	0.34	0.29	0.33	0.80	1.16	0.49	0.16	0.44	---	0.69	---	---
10	0.35	0.29	0.32	0.94	1.25	0.42	0.16	0.43	---	0.74	---	---
11	0.34	0.28	0.32	0.65	3.29	0.39	0.19	0.42	---	0.73	---	---
12	0.34	0.28	0.33	0.55	9.32	0.36	0.25	3.02	---	0.64	---	---
13	0.33	0.28	0.43	0.52	7.36	0.35	0.20	5.30	---	0.59	---	---
14	0.32	0.27	0.96	0.50	3.44	0.34	0.18	6.83	---	0.57	---	---
15	0.31	0.26	---	0.49	2.75	0.62	0.17	13.13	---	0.56	---	---
16	0.31	0.27	---	0.49	1.65	0.64	0.16	8.43	---	0.54	---	---
17	0.31	0.28	---	0.52	1.12	0.46	0.16	3.45	---	0.53	---	---
18	0.31	0.60	---	1.16	0.88	0.38	0.15	3.35	---	---	---	---
19	0.31	0.63	---	1.03	0.75	0.34	0.15	4.16	---	0.69	---	---
20	0.31	0.45	---	0.66	0.67	0.32	0.14	2.84	---	0.60	---	---
21	0.30	0.31	---	0.57	0.62	0.30	0.14	1.46	---	0.56	---	---
22	0.30	0.28	0.35	0.54	0.57	0.28	0.14	1.10	---	0.54	---	---
23	0.30	0.28	0.35	0.52	2.97	0.26	0.14	0.90	---	0.54	---	---
24	0.30	0.53	0.40	0.52	4.94	0.25	0.22	0.76	3.02	---	---	---
25	0.33	0.52	0.41	0.58	4.66	0.25	1.42	0.68	6.20	---	---	---
26	0.57	0.37	0.36	2.21	2.53	0.26	1.77	0.62	6.03	---	---	---
27	0.59	0.39	0.36	1.36	1.40	0.25	0.88	0.59	3.90	---	---	---
28	0.39	0.76	0.36	0.79	0.98	0.25	0.56	0.57	2.64	---	---	---
29	0.34	0.66	1.18	0.70	0.75	0.22	0.49	0.56	1.78	---	---	---
30	0.33	0.44	1.30	1.32	---	0.22	0.63	0.56	1.67	---	---	---
31	0.32	---	0.74	1.62	---	0.24	---	0.58	---	---	---	---
MAX	0.59	0.76	---	2.21	9.32	1.67	1.77	13.13	---	---	---	---
MIN	0.28	0.26	---	0.44	0.57	0.22	0.14	0.42	---	---	---	---

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30° 30'45", long 91° 04'25", on line between secs. 24 and 44, T. 6 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near left bank on downstream side of bridge on State Highway 946, 0.5 mi downstream from Blackwater Bayou, and 2.6 mi west of Comite.

DRAINAGE AREA.--284 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 NGVD of 1929 (levels by Louisiana Department of Transportation and Development). From Oct. 1, 1962, to Sept. 30, 1975; at datum 2.00 ft higher. From Oct. 1, 1978, to Sept. 30, 1996, at current datum. From Oct. 1, 1996, to Sept. 30, 2001; at datum 2.00 ft lower.

REMARKS.--Records fair, except for periods of estimated daily discharge, Mar. 25-29, Apr. 2-5, May. 17, Aug. 17-19, Sep. 1-3, 6-14, 16-30, which are poor. Satellite telemetry and rain gage at station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20,000 ft³/s, May 16, gage height, 24.19 ft; minimum discharge, 58 ft³/s, Oct. 23, 24, gage height, -1.17 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	62	80	113	243	196	88	1,180	592	619	99	e68
2	60	62	72	90	162	174	e77	927	1,990	539	102	e66
3	60	61	69	81	131	160	e75	455	2,190	349	109	e114
4	60	61	67	77	109	150	e71	170	1,310	236	104	102
5	60	61	66	84	2,160	143	e73	118	727	197	93	79
6	60	60	66	83	13,900	239	77	99	354	196	90	e83
7	60	60	65	98	6,080	292	80	89	786	200	88	e64
8	60	60	65	118	2,610	225	77	84	835	259	90	e53
9	63	60	65	158	1,280	152	76	80	335	192	86	e47
10	89	60	66	156	665	131	75	77	220	158	95	e39
11	77	60	65	124	2,730	122	76	86	218	166	92	e47
12	67	60	64	95	11,500	116	80	6,120	160	150	175	e43
13	64	60	88	84	11,200	112	81	9,220	147	134	106	e53
14	63	60	94	78	5,020	178	77	7,120	273	126	87	e81
15	62	60	148	75	2,570	487	74	17,600	176	123	83	79
16	61	60	91	74	1,040	223	73	19,200	143	119	81	e41
17	61	60	77	74	456	161	72	e11,900	278	117	e96	e60
18	61	153	72	96	303	129	71	3,630	352	149	e85	e47
19	61	151	69	187	243	115	70	2,640	169	166	e89	e43
20	61	107	68	118	209	109	70	1,600	176	131	85	e39
21	60	82	67	91	189	104	69	776	513	115	88	e37
22	60	71	67	83	173	103	69	475	368	110	83	e37
23	59	68	71	78	1,230	102	69	303	1,250	106	82	e43
24	59	101	73	76	4,970	101	69	253	1,610	118	79	e43
25	59	109	73	90	6,140	e102	247	224	7,220	114	82	e41
26	100	96	72	179	2,430	e96	1,050	206	9,320	132	89	e41
27	123	953	69	395	1,040	e89	226	192	4,810	111	93	e41
28	87	373	67	136	377	e94	127	181	2,060	105	81	e38
29	71	130	348	102	234	e112	97	171	1,480	100	79	e41
30	66	98	585	1,460	---	96	1,250	165	933	97	103	e39
31	63	---	194	756	---	89	---	160	---	95	82	---
TOTAL	2,077	3,519	3,203	5,509	79,394	4,702	4,786	85,501	40,995	5,529	2,876	1,649
MEAN	67.0	117	103	178	2,738	152	160	2,758	1,366	178	92.8	55.0
MAX	123	953	585	1,460	13,900	487	1,250	19,200	9,320	619	175	114
MIN	59	60	64	74	109	89	69	77	143	95	79	37
CFSM	0.24	0.41	0.36	0.63	9.64	0.53	0.56	9.71	4.81	0.63	0.33	0.19
IN.	0.27	0.46	0.42	0.72	10.40	0.62	0.63	11.20	5.37	0.72	0.38	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2004, BY WATER YEAR (WY)

MEAN	238	272	526	852	979	799	820	491	322	224	232	210
MAX	1,753	1,230	3,042	3,690	3,419	2,435	3,531	3,261	3,134	1,139	1,243	1,460
(WY)	(1965)	(1949)	(1983)	(1990)	(1966)	(1980)	(1983)	(1953)	(2001)	(1989)	(1975)	(1977)
MIN	32.2	45.9	67.2	79.0	67.1	84.4	58.5	53.3	61.8	74.6	53.8	52.0
(WY)	(1964)	(1957)	(1967)	(1957)	(2000)	(2000)	(1963)	(1963)	(2000)	(1998)	(1954)	(1952)

07378000 COMITE RIVER NEAR COMITE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1945 - 2004	
ANNUAL TOTAL	159,501		239,740		494	
ANNUAL MEAN	437		655		1,096	1983
HIGHEST ANNUAL MEAN					105	2000
LOWEST ANNUAL MEAN					34,400	Apr 7, 1983
HIGHEST DAILY MEAN	18,600	Feb 22	19,200	May 16	29	Oct 29, 1963
LOWEST DAILY MEAN	59	Oct 23	37	Sep 21	29	Oct 28, 1963
ANNUAL SEVEN-DAY MINIMUM	60	Oct 19	40	Sep 20	37,000	Apr 7, 1983
MAXIMUM PEAK FLOW			20,000	May 16	30.99	Jun 9, 2001
MAXIMUM PEAK STAGE			24.19	May 16	28	Aug 1, 1977
INSTANTANEOUS LOW FLOW			unknown		*	
INSTANTANEOUS LOW STAGE			unknown		1.74	
ANNUAL RUNOFF (CFSM)	1.54		2.31		23.66	
ANNUAL RUNOFF (INCHES)	20.89		31.40		959	
10 PERCENT EXCEEDS	442		1,090		122	
50 PERCENT EXCEEDS	104		98		60	
90 PERCENT EXCEEDS	61		60			

* Not determined.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.13	-1.10	-0.77	-0.35	0.87	0.27	-1.02	4.65	1.97	2.95	-1.07	---
2	-1.14	-1.11	-0.88	-0.63	0.19	0.04	---	4.03	7.02	2.55	-1.02	---
3	-1.14	-1.12	-0.93	-0.75	-0.14	-0.11	---	2.07	7.39	1.42	-0.92	---
4	-1.14	-1.12	-0.96	-0.82	-0.39	-0.23	---	-0.01	5.38	0.52	-0.99	-0.79
5	-1.14	-1.13	-0.97	-0.72	4.79	-0.30	---	-0.61	3.39	0.12	-1.12	-1.12
6	-1.14	-1.13	-0.98	-0.72	20.43	0.65	-1.18	-0.86	1.39	0.12	-1.17	---
7	-1.14	-1.14	-0.99	-0.54	13.33	0.99	-1.14	-1.00	3.54	0.16	-1.19	---
8	-1.14	-1.14	-1.00	-0.32	8.19	0.51	-1.19	-1.08	3.79	0.59	-1.15	---
9	-1.09	-1.13	-1.00	0.14	5.23	-0.21	-1.20	-1.14	1.30	0.06	-1.19	---
10	-0.72	-1.14	-0.98	0.12	3.12	-0.44	-1.22	-1.18	0.36	-0.31	-1.07	---
11	-0.87	-1.14	-1.00	-0.23	7.87	-0.56	-1.20	-1.06	0.32	-0.22	-1.10	---
12	-1.03	-1.14	-1.00	-0.56	18.53	-0.64	-1.13	10.92	-0.28	-0.40	-0.09	---
13	-1.07	-1.15	-0.66	-0.71	18.60	-0.69	-1.12	16.62	-0.43	-0.60	-0.90	---
14	-1.09	-1.15	-0.58	-0.79	11.62	-0.16	-1.19	14.00	0.77	-0.69	-1.14	---
15	-1.11	-1.14	0.03	-0.84	8.13	2.17	-1.24	22.53	-0.11	-0.74	-1.21	-1.03
16	-1.12	-1.14	-0.62	-0.86	4.53	0.52	-1.26	23.95	-0.48	-0.78	-1.22	---
17	-1.12	-1.14	-0.81	-0.86	2.13	-0.10	-1.28	---	0.79	-0.81	---	---
18	-1.12	-0.07	-0.89	-0.57	1.18	-0.46	-1.28	9.88	1.35	-0.42	---	---
19	-1.13	0.01	-0.93	0.41	0.70	-0.64	-1.30	8.28	-0.18	-0.21	---	---
20	-1.13	-0.47	-0.94	-0.29	0.40	-0.73	-1.30	6.15	-0.14	-0.63	-1.13	---
21	-1.14	-0.80	-0.95	-0.61	0.20	-0.80	-1.31	3.62	2.38	-0.85	-1.08	---
22	-1.14	-0.96	-0.97	-0.73	0.03	-0.81	-1.32	2.16	1.45	-0.92	-1.14	---
23	-1.15	-1.02	-0.90	-0.80	3.61	-0.82	-1.32	1.09	5.08	-0.96	-1.16	---
24	-1.15	-0.55	-0.87	-0.83	11.63	-0.83	-1.32	0.68	5.78	-0.81	-1.20	---
25	-1.16	-0.45	-0.87	-0.64	12.92	---	-0.07	0.41	14.35	-0.85	-1.14	---
26	-0.59	-0.62	-0.89	0.18	7.82	---	4.38	0.23	17.10	-0.63	-1.03	---
27	-0.28	2.54	-0.93	1.81	4.51	---	0.53	0.07	11.91	-0.90	-0.97	---
28	-0.74	1.33	-0.96	-0.09	1.64	---	-0.50	-0.05	7.15	-0.99	-1.14	---
29	-0.97	-0.14	1.16	-0.47	0.63	---	-0.89	-0.15	5.78	-1.05	-1.16	---
30	-1.04	-0.53	2.74	5.13	---	-0.90	3.27	-0.23	4.22	-1.09	-0.82	---
31	-1.08	---	0.47	3.47	---	-1.00	---	-0.28	---	-1.12	-1.09	---
MAX	-0.28	2.54	2.74	5.13	20.43	---	---	---	17.10	2.95	---	---
MIN	-1.16	-1.15	-1.00	-0.86	-0.39	---	---	---	-0.48	-1.12	---	---

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 NGVD of 1929. Sept. 1, 1938, to Aug. 8, 1939, nonrecording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station from October 1945 to September 1983.

REMARKS.--Records good. Since 1957, considerable flow from 46 mi² diverted from basin. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 7	1852	27,900	29.60	May 17	0714	*41,100	*31.99
Feb 14	0300	35,800	31.04	May 21	0528	13,300	25.96
Feb 26	0900	20,100	27.96	Jun 27	0525	23,600	28.74

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	383	391	988	1,600	2,720	2,480	623	e1,060	1,650	6,270	619	494
2	377	382	676	1,010	2,080	2,030	591	e1,400	6,230	7,500	610	463
3	374	376	558	748	1,560	1,780	574	e904	7,510	7,410	626	466
4	374	373	506	621	1,210	1,560	564	e854	7,450	5,080	629	633
5	373	372	472	691	2,370	1,430	554	e806	6,040	3,260	568	504
6	373	367	453	639	15,200	1,740	547	e757	3,900	2,380	547	490
7	374	362	439	1,010	26,000	2,430	571	e722	5,230	2,090	530	461
8	380	358	432	1,260	26,900	3,480	e562	e692	7,860	1,960	543	429
9	384	357	429	1,400	18,600	2,640	e541	e659	7,390	1,960	537	415
10	639	356	434	1,450	8,740	1,720	e520	e665	4,110	2,110	529	410
11	534	356	428	1,960	6,910	1,390	530	e1,010	2,470	1,750	552	405
12	424	358	422	1,410	14,900	1,210	e539	e8,970	1,830	1,800	869	401
13	407	354	559	992	30,800	1,090	563	15,500	1,520	1,380	758	406
14	397	345	544	791	32,900	1,150	540	15,600	1,670	1,150	535	419
15	386	342	885	678	21,500	2,260	514	20,500	1,540	1,040	488	519
16	377	345	803	612	11,900	1,670	496	33,000	1,300	953	472	438
17	372	356	586	578	6,950	1,470	484	38,400	1,690	889	464	407
18	372	709	503	609	3,760	1,230	478	27,400	3,720	1,180	455	398
19	367	793	466	1,150	2,550	1,070	472	16,100	2,610	1,400	451	389
20	366	673	448	1,590	2,090	962	467	13,100	1,990	1,030	458	386
21	365	551	437	1,110	1,810	887	464	11,700	2,930	860	524	384
22	361	452	433	827	1,600	821	459	6,130	2,560	785	504	382
23	357	415	454	686	2,370	771	456	2,880	3,650	731	484	384
24	355	545	466	611	7,330	736	454	2,080	4,610	761	474	386
25	354	512	472	621	15,600	714	506	1,740	9,060	878	482	384
26	463	532	492	979	18,900	693	e540	1,500	18,400	931	491	384
27	826	2,100	461	4,240	13,800	674	e533	1,330	21,800	1,050	527	382
28	718	2,930	441	5,190	7,580	655	610	1,210	16,800	993	477	379
29	493	1,800	1,260	3,120	3,890	648	512	1,100	13,000	893	493	376
30	426	1,840	2,160	3,900	---	705	e507	1,030	8,710	753	600	374
31	404	---	1,920	3,700	---	648	---	964	---	649	528	---
MEAN	424	667	646	1,477	10,780	1,379	526	7,412	5,974	1,996	543	425
MAX	826	2,930	2,160	5,190	32,900	3,480	623	38,400	21,800	7,500	869	633
MIN	354	342	422	578	1,210	648	454	659	1,300	649	451	374
AC-FT	26,090	39,670	39,720	90,810	619,900	84,780	31,280	455,700	355,500	122,700	33,370	25,290
CFSM	0.33	0.52	0.50	1.15	8.42	1.08	0.41	5.79	4.67	1.56	0.42	0.33
IN.	0.38	0.58	0.58	1.33	9.08	1.24	0.46	6.68	5.21	1.80	0.49	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2004, BY WATER YEAR (WY)

MEAN	938	1,205	2,264	3,308	4,025	3,611	3,372	2,146	1,465	1,176	1,061	1,014
MAX	5,821	4,733	9,423	14,540	11,810	9,131	13,150	13,590	10,600	5,309	4,919	5,637
(WY)	(1965)	(1958)	(1983)	(1990)	(1966)	(1973)	(1980)	(1953)	(2001)	(1940)	(1983)	(1977)
MIN	243	299	420	515	429	565	512	319	385	414	367	320
(WY)	(2001)	(2002)	(1967)	(1957)	(2000)	(2000)	(1963)	(2001)	(2000)	(2000)	(2000)	(2000)

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1914 - 2004	
ANNUAL MEAN	1,836		2,651		2,123	
HIGHEST ANNUAL MEAN					4,433	
LOWEST ANNUAL MEAN					599	
HIGHEST DAILY MEAN	50,200	Feb 24	38,400	May 17	105,000	Apr 8, 1983
LOWEST DAILY MEAN	342	Nov 15	342	Nov 15	230	Oct 26, 2000
ANNUAL SEVEN-DAY MINIMUM	351	Nov 10	351	Nov 10	230	Oct 26, 2000
MAXIMUM PEAK FLOW			41,100	May 17	112,000	Apr 8, 1983
MAXIMUM PEAK STAGE			31.99	May 17	41.50	Apr 8, 1983
INSTANTANEOUS LOW FLOW			342	Nov 14, 15-16	229	Oct 29, 2000
INSTANTANEOUS LOW STAGE			9.82	Nov 14, 15-16	a9.31	Sep 6, 2000
ANNUAL RUNOFF (AC-FT)	1,329,000		1,925,000		1,538,000	
ANNUAL RUNOFF (CFSM)	1.43		2.07		1.66	
ANNUAL RUNOFF (INCHES)	19.47		28.20		22.53	
10 PERCENT EXCEEDS	3,150		7,350		4,600	
50 PERCENT EXCEEDS	680		688		848	
90 PERCENT EXCEEDS	388		382		422	

a Also occurred Sep 7, 2000.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.97	10.01	12.00	13.40	15.66	15.20	11.04	---	13.37	21.10	11.03	10.56
2	9.95	9.97	11.19	12.05	14.41	14.31	10.94	---	21.01	22.47	11.00	10.41
3	9.94	9.95	10.81	11.39	13.32	13.78	10.88	---	22.48	22.37	11.05	10.41
4	9.94	9.93	10.60	11.04	12.54	13.33	10.84	---	22.42	19.52	11.06	11.05
5	9.94	9.93	10.46	11.23	14.76	13.02	10.79	---	20.79	16.67	10.85	10.59
6	9.94	9.91	10.36	11.08	26.33	13.69	10.77	---	17.71	15.00	10.77	10.54
7	9.94	9.89	10.29	12.04	29.22	15.08	10.86	---	19.66	14.42	10.70	10.40
8	9.96	9.88	10.26	12.65	29.40	17.08	---	---	22.84	14.15	10.75	10.24
9	9.98	9.88	10.25	12.96	27.48	15.50	---	---	22.34	14.15	10.73	10.17
10	10.87	9.87	10.27	13.07	23.34	13.66	---	---	18.04	14.47	10.69	10.14
11	10.56	9.87	10.24	14.17	21.80	12.94	10.70	---	15.19	13.72	10.79	10.10
12	10.16	9.88	10.21	12.99	26.30	12.53	---	---	13.89	13.83	11.69	10.08
13	10.08	9.87	10.75	12.02	30.12	12.27	10.83	26.71	13.23	12.93	11.41	10.11
14	10.03	9.83	10.75	11.51	30.51	12.38	10.74	26.74	13.54	12.41	10.72	10.18
15	9.99	9.82	11.72	11.20	28.23	14.76	10.64	28.01	13.27	12.13	10.53	10.66
16	9.95	9.83	11.54	11.01	25.22	13.56	10.56	30.53	12.75	11.93	10.46	10.29
17	9.93	9.87	10.91	10.89	21.78	13.12	10.52	31.50	13.57	11.76	10.41	10.12
18	9.93	11.05	10.59	11.00	17.52	12.59	10.49	29.46	17.48	12.46	10.37	10.06
19	9.91	11.51	10.43	12.35	15.34	12.21	10.46	26.86	15.45	12.96	10.35	10.01
20	9.91	11.19	10.34	13.39	14.42	11.95	10.43	25.89	14.21	12.12	10.38	9.98
21	9.91	10.78	10.28	12.31	13.84	11.76	10.42	25.15	16.05	11.69	10.67	9.96
22	9.89	10.36	10.26	11.60	13.39	11.59	10.39	20.76	15.34	11.49	10.59	9.94
23	9.88	10.16	10.37	11.22	14.89	11.45	10.38	15.96	17.30	11.35	10.52	9.96
24	9.87	10.74	10.43	11.00	22.10	11.36	10.36	14.41	18.88	11.43	10.47	9.98
25	9.86	10.63	10.46	11.03	26.64	11.30	10.59	13.69	23.39	11.74	10.50	9.96
26	10.27	10.71	10.55	11.91	27.66	11.25	---	13.18	27.47	11.87	10.54	9.96
27	11.53	13.84	10.40	18.27	26.02	11.19	---	12.81	28.34	12.16	10.69	9.94
28	11.18	15.86	10.30	19.71	22.35	11.14	10.99	12.53	27.08	12.02	10.48	9.91
29	10.43	13.82	12.37	16.34	17.71	11.12	10.62	12.29	25.75	11.77	10.54	9.88
30	10.17	13.90	14.56	17.55	---	11.28	---	12.11	23.41	11.41	10.95	9.86
31	10.07	---	14.09	17.42	---	11.12	---	11.96	---	11.12	10.69	---
MAX	11.53	15.86	14.56	19.71	30.51	17.08	---	---	28.34	22.47	11.69	11.05
MIN	9.86	9.82	10.21	10.89	12.54	11.12	---	---	12.75	11.12	10.35	9.86

07378745 ALLIGATOR BAYOU NEAR KLEINPETER, LA

LOCATION.--Lat 30° 19'15", long 91° 01'12", in sec. 28, T. 8 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, about 2.0 miles southwest of Prairieville Post Office on south side of Alligator Bayou Road and approximately 0.4 mile south of Interstate 10.

DRAINAGE AREA.--49.27 mi².

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

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

REMARKS.--Gage is affected by lock on Alligator Bayou.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.14 ft, June 15, 2001, obtained from comparison with Bluff Swamp Lock nr Kleinpeter; minimum gage height, 2.54 ft, Jan. 23, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.21 ft, Feb. 27, May 22, 23; minimum gage height, 2.70 ft, Dec. 11, 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.39	5.24	5.90	4.55	5.37	7.91	5.41	6.40	6.74	6.58	5.11	4.77
2	5.37	5.23	5.45	5.31	4.26	7.77	5.52	6.72	6.65	6.41	5.11	4.75
3	5.36	5.23	4.88	5.60	4.52	7.61	5.54	6.81	6.76	6.14	5.09	4.77
4	5.35	5.22	4.13	5.31	5.39	7.45	5.54	6.84	6.70	5.92	5.08	4.84
5	5.34	5.22	4.31	5.57	5.69	7.29	5.54	6.78	6.51	5.66	5.07	4.84
6	5.33	5.21	5.47	5.20	6.03	7.19	5.55	6.33	6.41	5.30	5.05	4.82
7	5.32	5.20	5.67	4.75	6.30	7.04	5.10	6.07	6.21	4.83	5.04	4.80
8	5.31	5.18	5.25	5.52	6.37	6.86	4.45	5.78	6.01	4.92	5.02	4.79
9	5.31	5.17	5.57	5.38	6.40	6.67	5.25	5.41	5.80	5.69	5.00	4.77
10	5.54	5.17	5.13	4.75	6.53	6.45	5.37	4.91	5.56	5.83	4.99	4.76
11	5.75	5.16	3.87	5.13	6.92	6.22	5.40	5.22	5.22	6.04	4.98	4.75
12	5.84	5.16	5.17	4.62	7.26	5.97	5.43	6.02	5.35	6.09	4.96	4.73
13	5.86	5.14	5.44	5.52	7.43	5.66	5.43	6.75	5.76	6.08	4.94	4.72
14	5.86	5.12	4.96	5.02	7.55	5.58	5.08	7.09	5.81	6.07	4.91	4.70
15	5.84	5.11	3.93	3.92	7.61	6.46	4.14	7.30	5.83	5.56	4.89	4.68
16	5.83	5.12	5.18	5.22	7.64	6.32	4.99	7.52	5.83	4.73	4.88	4.67
17	5.66	5.13	5.38	5.44	7.66	6.00	5.09	7.65	5.87	4.23	4.87	4.66
18	4.50	5.23	5.44	5.54	7.65	5.74	5.10	7.96	5.87	5.37	4.85	4.64
19	4.25	5.28	5.46	5.54	7.51	5.40	5.10	8.10	5.86	5.52	4.85	4.63
20	5.23	5.29	5.48	5.57	7.35	4.99	5.10	8.14	5.85	5.56	4.87	4.61
21	5.39	5.29	5.49	5.59	7.16	4.46	5.11	8.18	5.03	5.56	4.88	4.59
22	5.39	5.29	5.14	5.60	6.97	4.45	5.10	8.20	4.31	5.56	4.87	4.58
23	5.23	5.29	5.36	5.61	7.17	5.50	5.09	8.20	5.34	5.57	4.86	4.58
24	5.35	5.33	5.48	5.63	7.70	5.68	5.09	8.15	4.93	5.60	4.85	4.59
25	5.38	4.77	5.51	5.29	8.05	5.74	5.14	8.00	5.45	5.59	4.84	4.58
26	5.39	4.77	5.15	3.73	8.18	5.76	5.25	7.83	6.03	5.03	4.83	4.57
27	4.84	5.30	5.28	5.05	8.20	5.78	4.83	7.65	6.34	4.39	4.82	4.55
28	5.12	5.86	4.83	5.29	8.14	5.79	5.33	7.48	6.41	5.09	4.81	4.54
29	5.22	6.23	5.19	5.34	8.04	5.80	5.38	7.30	6.46	5.12	4.80	4.52
30	5.24	6.26	5.52	5.48	---	5.40	5.73	7.12	6.52	5.12	4.79	4.51
31	5.24	---	4.90	5.65	---	4.65	---	6.91	---	5.11	4.78	---
MAX	5.86	6.26	5.90	5.65	8.20	7.91	5.73	8.20	6.76	6.58	5.11	4.84
MIN	4.25	4.77	3.87	3.73	4.26	4.45	4.14	4.91	4.31	4.23	4.78	4.51

07378746 BAYOU MANCHAC AT ALLIGATOR BAYOU NEAR KLEINPETER, LA
(formerly 07380090 Alligator Bayou near Prairieville, La.)

LOCATION.--Lat 30° 19' 16", long 91° 01' 15", in sec. 28, T. 8 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, about 2.0 miles southwest of Prairieville Post Office on north side of Alligator Bayou Road and approximately 0.4 mile south of Interstate 10.

DRAINAGE AREA.--51.72 mi².

PERIOD OF RECORD.--December 1997 to current year.

REVISIONS.--Daily values, maximum and minimum values reported for water year 1998, have been revised.

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

REMARKS.--Gage is tide affected and affected by lock on Alligator Bayou. Rain gage at station. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.62 ft, June 10, 2001 (from highwater mark); minimum gage height, -0.79 ft, April 14, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.49 ft, May 18, 19; minimum gage height, -0.79 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.88	1.62	5.56	3.35	3.38	6.53	0.57	7.86	5.10	5.86	1.16	1.03
2	1.88	1.62	4.93	1.71	3.92	6.05	0.51	7.64	5.33	5.30	1.33	0.86
3	1.84	1.47	4.36	1.29	2.84	5.67	0.40	6.75	5.97	5.28	0.84	1.22
4	1.72	1.42	3.73	1.83	1.88	5.38	0.18	5.56	5.87	5.03	0.73	1.86
5	1.58	1.81	2.42	1.68	3.19	5.18	0.34	4.35	5.46	4.80	0.40	1.65
6	1.46	1.41	1.14	2.73	7.58	5.33	0.71	4.90	5.32	4.47	0.09	1.09
7	1.52	1.13	0.81	2.06	7.25	5.33	2.47	4.69	5.09	4.09	0.57	0.28
8	1.62	1.24	1.79	1.54	7.59	5.18	1.72	4.48	5.00	3.19	1.39	-0.12
9	1.64	1.34	1.06	3.57	7.92	5.03	0.52	4.25	4.92	2.21	1.90	0.22
10	3.63	1.52	1.78	3.69	7.92	4.87	0.67	3.99	4.78	2.34	1.71	0.64
11	3.51	1.55	1.43	2.65	8.34	4.73	0.90	2.49	4.48	2.49	1.24	0.93
12	2.71	1.46	0.41	2.53	8.58	4.60	0.96	5.81	3.30	1.83	1.15	1.36
13	2.34	1.37	1.62	1.24	8.22	4.45	-0.01	9.37	2.09	1.61	0.99	1.69
14	2.04	1.50	2.31	2.21	8.83	4.44	0.42	9.26	1.92	1.17	0.99	1.99
15	1.70	1.55	1.97	1.88	9.38	4.66	0.82	9.97	2.02	2.54	0.99	2.33
16	1.55	1.61	1.17	0.79	9.08	4.68	-0.16	10.27	1.95	3.75	0.94	2.48
17	1.81	1.62	0.52	1.24	8.25	4.95	0.14	10.68	2.27	3.05	0.87	2.23
18	2.86	2.87	0.01	1.42	7.32	4.75	0.39	11.39	1.86	1.49	0.76	1.86
19	1.97	1.53	-0.21	0.93	6.74	4.51	0.61	11.37	1.62	1.07	0.78	1.71
20	1.48	0.62	-0.30	0.72	6.18	4.23	0.68	10.87	1.41	0.96	0.94	1.77
21	1.27	0.71	-0.01	0.60	5.71	3.89	0.68	10.09	2.71	0.99	0.86	2.07
22	0.83	0.96	1.23	0.47	5.33	2.90	1.08	9.28	2.91	0.92	0.65	2.24
23	0.79	1.14	1.18	0.37	6.10	1.95	1.31	8.35	1.62	0.79	0.65	2.61
24	0.97	1.29	0.61	0.35	6.99	1.95	1.37	7.62	2.36	0.55	0.70	2.69
25	1.30	1.52	0.48	1.38	8.30	2.01	1.96	7.16	4.63	0.58	0.72	2.29
26	1.33	1.52	1.58	2.06	8.03	1.98	3.65	6.58	7.13	1.83	0.72	1.94
27	1.72	4.76	0.93	0.79	7.98	1.86	2.61	6.10	7.41	1.91	0.83	1.48
28	1.29	8.10	1.73	1.06	7.68	1.75	1.25	5.75	7.49	0.69	0.93	0.78
29	1.29	7.08	3.28	0.97	7.12	1.56	1.44	5.48	7.31	0.73	1.04	0.72
30	1.40	6.18	4.28	3.58	---	2.19	5.27	5.29	6.85	0.75	1.09	1.02
31	1.48	---	4.16	3.70	---	2.00	---	5.16	---	0.98	0.98	---
MAX	3.63	8.10	5.56	3.70	9.38	6.53	5.27	11.39	7.49	5.86	1.90	2.69
MIN	0.79	0.62	-0.30	0.35	1.88	1.56	-0.16	2.49	1.41	0.55	0.09	-0.12

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA

LOCATION.--Lat 30° 22'56", long 91° 05'39", in sec. 58, T. 8 S., R. 1 E., East Baton Rouge Parish, Hydrologic Unit 08070202, on upstream side of bridge on Bluebonnet Blvd., 0.25 miles north of Perkins Road nr Baton Rouge.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--1995-2001 (crest stage), October 2001 to September 2002 (gage height only). October 2002 to current year.

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

REMARKS.--No estimated daily discharge. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 921 ft³/s, May 12, 2004; minimum discharge, 0.20 ft³/s, May 14, 2003; maximum gage height, 22.79 ft, June 7, 2001; minimum gage height, 3.91 ft, May 14, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 921 ft³/s, May 12; maximum gage height, 20.58 ft; minimum discharge, 1.2 ft³/s, Aug 14; minimum gage height, 4.06 ft, Oct. 2.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	2.2	22	12	17	27	4.3	307	56	37	16	2.5
2	1.8	2.1	14	10	39	16	3.6	214	106	21	7.6	1.9
3	1.9	1.8	12	9.5	24	11	3.8	92	186	13	2.6	34
4	2.3	1.7	10	9.2	12	8.9	3.5	26	74	12	1.8	81
5	2.2	2.0	8.8	71	170	7.9	3.1	10	34	64	---	75
6	1.9	2.2	8.1	37	441	39	4.6	7.3	41	19	---	12
7	1.9	2.3	7.5	14	202	12	35	5.7	11	9.7	---	3.5
8	2.0	2.0	6.9	52	126	7.4	10	4.7	12	12	---	2.0
9	2.5	1.6	6.9	74	---	6.6	4.6	4.2	7.5	9.4	1.7	1.6
10	130	1.4	10	23	---	5.5	3.4	3.8	7.8	6.3	4.6	19
11	50	1.5	6.6	14	271	5.2	9.5	10	5.6	---	2.3	10
12	10	1.6	5.8	11	267	5.4	8.1	551	5.8	4.1	1.9	2.4
13	5.3	1.6	65	9.9	140	5.2	4.2	476	5.9	4.0	1.6	2.1
14	4.0	1.5	22	9.3	169	58	3.0	362	5.2	3.6	1.5	2.5
15	2.9	1.4	8.9	9.0	187	105	2.7	379	14	3.4	1.6	2.5
16	2.5	2.6	7.4	7.7	157	42	2.9	281	15	2.3	1.4	2.1
17	2.6	6.1	7.0	6.6	107	14	3.4	240	24	2.1	2.0	2.0
18	---	102	6.4	10	55	8.9	3.8	---	6.4	16	1.5	2.1
19	2.1	43	6.4	5.5	27	7.7	4.0	278	4.0	8.9	1.8	2.2
20	2.1	7.6	5.8	4.0	14	6.9	3.6	219	3.2	3.5	13	2.3
21	2.1	4.1	5.5	3.6	9.0	6.5	3.9	173	---	2.7	39	2.4
22	2.5	2.9	4.7	3.5	6.8	5.6	4.1	138	---	2.5	8.9	2.8
23	2.2	4.7	40	3.3	176	5.5	4.1	90	---	2.3	3.7	4.4
24	2.2	52	18	3.2	181	4.7	6.5	54	76	2.1	2.3	5.6
25	2.3	11	8.3	9.9	316	4.6	58	37	304	3.0	2.2	3.4
26	3.0	4.6	7.4	10	141	4.7	87	23	267	2.6	1.8	3.2
27	3.1	371	6.4	4.4	111	4.7	14	14	160	1.8	1.6	3.1
28	2.5	365	6.7	3.2	91	4.6	5.3	9.7	119	1.6	5.3	3.1
29	2.0	175	153	2.9	54	19	3.7	8.2	122	1.7	8.6	3.1
30	1.9	66	74	188	---	27	319	7.6	86	1.8	25	3.1
31	1.8	---	18	67	---	7.4	---	8.0	---	1.8	7.7	---
TOTAL	---	1,244.5	589.5	697.7	---	493.9	626.7	---	---	---	---	296.9

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.09	4.16	5.36	4.92	5.16	5.57	4.50	12.02	6.28	5.96	4.90	4.49
2	4.07	4.14	5.04	4.82	5.85	5.15	4.45	10.24	7.75	5.43	4.81	4.42
3	4.08	4.10	4.89	4.78	5.42	4.91	4.46	7.42	9.54	5.09	4.47	5.48
4	4.12	4.09	4.80	4.77	4.94	4.79	4.43	5.52	6.96	5.00	4.37	7.17
5	4.12	4.14	4.72	6.77	8.80	4.73	4.40	4.92	5.76	6.69	---	7.00
6	4.09	4.16	4.67	5.86	14.13	5.95	4.47	4.73	6.00	5.34	---	5.07
7	4.09	4.17	4.63	5.02	10.01	4.95	5.84	4.62	5.00	4.93	---	4.58
8	4.11	4.14	4.59	6.16	8.27	4.70	4.87	4.55	5.02	5.01	---	4.44
9	4.16	4.10	4.59	6.92	---	4.64	4.52	4.51	4.77	4.91	4.37	4.40
10	8.14	4.07	4.81	5.41	---	4.57	4.42	4.49	4.79	4.72	4.63	5.09
11	6.24	4.08	4.57	5.01	11.38	4.55	4.84	4.85	4.65	---	4.44	4.93
12	4.75	4.10	4.52	4.88	11.27	4.56	4.76	14.71	4.66	4.58	4.40	4.48
13	4.41	4.10	6.55	4.82	8.62	4.55	4.50	14.72	4.67	4.57	4.36	4.46
14	4.30	4.08	5.34	4.78	9.29	6.09	4.39	12.97	4.62	4.54	4.35	4.50
15	4.21	4.08	4.73	4.76	9.71	7.69	4.36	13.24	5.09	4.51	4.36	4.49
16	4.17	4.19	4.63	4.67	9.03	6.01	4.38	11.57	4.99	4.41	4.34	4.46
17	4.17	4.50	4.60	4.61	7.80	5.04	4.43	10.80	5.47	4.39	4.41	4.45
18	---	7.37	4.57	4.84	6.43	4.79	4.47	---	4.71	5.23	4.36	4.46
19	4.12	6.03	4.56	4.54	5.56	4.72	4.49	11.52	4.52	4.89	4.39	4.47
20	4.12	4.61	4.53	4.43	5.06	4.67	4.46	10.36	4.47	4.53	4.98	4.49
21	4.13	4.36	4.51	4.39	4.79	4.65	4.48	9.40	---	4.46	6.04	4.50
22	4.17	4.25	4.45	4.39	4.64	4.59	4.50	8.58	---	4.44	4.91	4.54
23	4.15	4.34	5.82	4.38	9.18	4.58	4.50	7.37	---	4.42	4.58	4.67
24	4.14	6.33	5.20	4.37	9.40	4.52	4.63	6.43	6.98	4.41	4.45	4.75
25	4.15	4.82	4.69	4.77	12.10	4.52	6.34	5.94	11.65	4.49	4.44	4.60
26	4.23	4.41	4.63	4.83	8.64	4.52	7.23	5.47	11.30	4.46	4.40	4.58
27	4.24	12.01	4.57	4.47	7.90	4.52	5.03	5.10	9.09	4.36	4.38	4.58
28	4.18	12.97	4.60	4.37	7.38	4.52	4.58	4.90	8.11	4.34	4.69	4.58
29	4.12	9.41	8.50	4.34	6.41	5.10	4.47	4.81	8.15	4.36	4.88	4.58
30	4.12	6.71	6.92	9.51	---	5.53	11.37	4.77	7.29	4.38	5.64	4.58
31	4.10	---	5.23	6.72	---	4.70	---	4.80	---	4.38	4.84	---
MAX	---	12.97	8.50	9.51	---	7.69	11.37	---	---	---	---	7.17
MIN	---	4.07	4.45	4.34	---	4.52	4.36	---	---	---	---	4.40

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to September 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1999 to September 2004 (discontinued).

WATER TEMPERATURE: October 1999 to September 2004 (discontinued).

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent.

WATER TEMPERATURE: Records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 891 microsiemens/cm, Nov. 17, 1999; minimum, 50 microsiemens/cm, Aug. 8, 2001.

WATER TEMPERATURE: Maximum, 36.8°C, July 10, 2001; minimum, 2.7°C, Jan. 10, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 687 microsiemens/cm, Sept. 27; minimum, 56 microsiemens/cm, May 12.

WATER TEMPERATURE: Maximum, 36.0° C, July 29; minimum, 11.5° C, Nov. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

[illegible]

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	313	271	297	107	77	87
2	---	---	---	---	---	---	318	305	311	138	101	119
3	---	---	---	---	---	---	354	310	315	181	138	154
4	---	---	---	---	---	---	323	307	314	213	181	201
5	---	---	---	---	---	---	365	323	346	246	212	226
6	---	---	---	---	---	---	427	358	367	261	240	250
7	---	---	---	---	---	---	450	167	346	287	261	273
8	---	---	---	---	---	---	368	281	295	322	287	303
9	---	---	---	305	253	262	304	288	295	351	319	332
10	---	---	---	316	251	267	309	292	298	353	333	344
11	---	---	---	288	263	270	337	262	293	362	184	334
12	---	---	---	374	288	317	306	256	280	465	56	241
13	---	---	---	571	374	429	382	306	346	68	57	62
14	---	---	---	509	150	435	422	382	403	109	67	84
15	---	---	---	351	135	183	441	416	425	115	80	94
16	---	---	---	219	158	192	448	432	442	126	106	114
17	---	---	---	278	212	240	443	434	440	159	78	126
18	---	---	---	290	272	278	438	408	422	178	79	147
19	---	---	---	302	282	290	438	407	417	159	91	134
20	---	---	---	330	302	316	504	423	456	202	159	188
21	---	---	---	336	328	331	550	504	530	239	194	207
22	---	---	---	362	334	345	571	540	555	295	213	255
23	---	---	---	390	360	369	591	527	558	259	240	250
24	---	---	---	390	373	381	551	448	537	274	254	262
25	---	---	---	416	379	408	554	129	388	295	262	272
26	---	---	---	438	413	431	322	147	195	309	278	289
27	---	---	---	462	433	451	226	176	202	316	288	300
28	---	---	---	473	450	464	498	226	377	338	301	313
29	---	---	---	489	428	474	293	279	283	357	328	339
30	---	---	---	626	223	352	309	66	194	382	357	368
31	---	---	---	271	253	258	---	---	---	430	382	404
MONTH	---	---	---	---	---	---	591	66	364	465	56	228
	JUNE			JULY			AUGUST			SEPTEMBER		
1	494	237	417	196	173	183	503	348	485	334	222	242
2	305	74	184	280	180	220	532	174	367	336	253	273
3	181	77	121	277	211	234	562	526	549	289	57	252
4	205	111	141	244	216	229	572	538	557	229	117	159
5	188	129	162	374	136	178	552	456	522	189	109	152
6	227	104	159	200	155	172	599	552	578	240	189	213
7	270	227	258	211	186	198	609	589	598	270	238	256
8	282	239	250	218	194	203	606	571	591	294	269	279
9	331	279	300	285	198	233	590	550	573	317	294	299
10	324	268	293	267	225	240	573	376	543	331	307	317
11	300	271	285	289	242	272	586	465	560	379	100	275
12	314	282	292	283	240	268	644	535	570	392	368	377
13	318	291	302	351	281	322	590	568	575	388	372	379
14	351	310	334	382	351	368	590	498	577	415	380	396
15	---	---	340	379	257	349	591	426	573	450	415	436
16	428	213	408	366	309	346	590	574	582	589	443	458
17	331	160	206	385	349	372	584	407	545	498	463	473
18	258	187	219	445	187	366	577	551	564	573	496	551
19	323	257	294	452	392	418	567	544	558	565	541	553
20	326	302	310	406	364	389	568	200	504	582	546	553
21	352	320	333	367	345	357	440	200	324	582	502	568
22	407	231	346	346	324	335	265	221	238	591	551	582
23	348	189	253	324	313	317	374	255	314	596	526	577
24	216	151	184	331	318	322	379	285	297	607	488	565
25	161	64	108	328	316	322	348	302	316	646	585	629
26	98	67	80	355	323	336	395	317	332	662	613	647
27	151	98	127	389	355	378	382	336	349	687	628	651
28	199	148	162	435	389	411	367	346	357	655	628	640
29	216	147	200	470	422	450	479	344	408	657	640	649
30	182	107	152	472	426	452	425	248	354	658	637	648
31	---	---	---	473	434	446	248	214	224	---	---	---
MONTH	494	64	241	473	136	312	644	174	467	687	57	435

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	15.0	12.8	13.7	---	---	---
2	---	---	---	---	---	---	15.0	12.7	13.6	---	---	---
3	---	---	---	---	---	---	15.7	12.5	13.6	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	17.8	14.2	16.2	---	---	---	---	---	---
15	---	---	---	18.9	13.8	16.3	---	---	---	---	---	---
16	---	---	---	20.3	17.0	18.6	---	---	---	---	---	---
17	---	---	---	22.2	18.1	19.7	---	---	---	---	---	---
18	---	---	---	22.5	19.8	20.7	---	---	---	---	---	---
19	---	---	---	19.8	17.1	18.7	---	---	---	---	---	---
20	---	---	---	17.9	14.8	16.5	---	---	---	---	---	---
21	---	---	---	21.4	14.4	16.5	---	---	---	---	---	---
22	---	---	---	20.6	16.8	18.4	---	---	---	---	---	---
23	---	---	---	21.4	16.6	19.3	---	---	---	---	---	---
24	---	---	---	17.0	13.5	15.6	---	---	---	---	---	---
25	---	---	---	13.8	11.5	12.9	---	---	---	---	---	---
26	---	---	---	15.8	12.6	14.1	---	---	---	---	---	---
27	---	---	---	19.8	15.8	18.4	---	---	---	---	---	---
28	---	---	---	18.5	15.8	17.3	---	---	---	---	---	---
29	---	---	---	15.8	13.3	14.3	---	---	---	---	---	---
30	---	---	---	14.4	12.7	13.4	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	23.0	16.6	19.9	21.0	20.1	20.4
2	---	---	---	---	---	---	24.9	18.3	21.0	20.9	20.3	20.6
3	---	---	---	---	---	---	25.4	18.9	21.8	22.1	18.8	20.1
4	---	---	---	---	---	---	26.4	19.5	22.5	24.7	19.3	21.2
5	---	---	---	---	---	---	25.0	18.4	21.3	27.8	20.2	23.0
6	---	---	---	---	---	---	25.7	18.4	21.4	28.1	21.2	24.5
7	---	---	---	---	---	---	24.3	20.4	21.9	28.2	22.0	25.1
8	---	---	---	---	---	---	26.6	21.3	23.2	29.3	22.8	25.8
9	---	---	---	21.4	16.1	18.9	26.5	21.5	24.0	29.4	23.8	26.5
10	---	---	---	20.5	14.8	17.9	29.3	21.5	24.7	29.2	24.2	26.7
11	---	---	---	20.5	14.7	17.4	28.0	22.1	24.1	28.4	25.0	26.4
12	---	---	---	20.8	15.4	17.9	23.0	19.4	20.6	26.9	20.1	23.3
13	---	---	---	20.4	16.5	18.6	20.6	15.7	17.9	21.9	20.7	21.1
14	---	---	---	21.2	18.6	19.6	23.6	15.2	18.4	23.8	21.4	22.2
15	---	---	---	19.4	18.5	18.8	25.2	16.5	20.0	24.1	22.8	23.4
16	---	---	---	21.7	18.4	19.4	26.0	18.1	21.5	24.5	22.9	23.5
17	---	---	---	22.3	17.6	19.8	26.6	19.5	22.6	24.8	23.3	23.8
18	---	---	---	23.7	18.4	20.5	27.4	20.1	23.6	24.4	23.3	23.8
19	---	---	---	23.9	19.4	21.4	27.4	21.1	23.9	25.5	22.9	23.8
20	---	---	---	25.4	19.9	22.3	26.5	22.1	23.9	27.4	24.1	25.1
21	---	---	---	24.7	20.1	22.5	27.4	21.6	23.9	28.1	25.2	26.6
22	---	---	---	23.1	16.6	19.4	29.3	23.1	25.3	29.2	25.7	27.1
23	---	---	---	23.2	15.5	18.5	28.7	24.4	26.4	30.0	25.8	27.7
24	---	---	---	21.2	16.9	18.8	29.4	24.6	26.5	30.9	26.6	28.8
25	---	---	---	21.6	18.6	19.9	26.1	24.2	25.0	31.4	26.9	29.1
26	---	---	---	22.9	18.6	20.3	24.4	22.5	23.5	31.1	26.8	28.9
27	---	---	---	23.7	19.6	21.2	26.6	20.8	23.2	31.6	26.6	28.9
28	---	---	---	23.6	20.4	22.2	26.3	20.3	23.4	32.9	27.0	29.4
29	---	---	---	23.5	20.5	22.1	26.4	21.7	23.7	32.7	27.6	29.9
30	---	---	---	24.3	20.1	21.9	26.0	20.8	22.9	32.8	28.0	30.1
31	---	---	---	23.9	18.7	21.4	---	---	---	32.5	28.4	30.1
MONTH	---	---	---	---	---	---	29.4	15.2	22.7	32.9	18.8	25.4

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.6	25.3	27.7	29.3	27.0	27.9	35.4	26.6	31.6	32.1	26.7	29.0
2	26.5	23.8	25.5	30.4	26.7	28.0	33.2	26.6	30.4	31.0	26.9	29.0
3	26.2	23.7	24.8	31.6	26.6	28.6	35.0	28.6	31.3	30.4	26.8	28.6
4	27.8	24.7	25.6	33.8	27.5	30.0	34.0	29.4	31.6	29.5	26.2	27.4
5	29.9	25.4	27.2	33.4	28.0	29.9	34.5	29.1	31.4	29.9	26.9	28.1
6	29.8	24.8	26.8	31.8	28.2	29.4	33.8	29.1	31.4	31.3	27.0	28.8
7	30.1	25.0	27.3	31.3	27.7	29.5	32.7	26.3	29.4	32.7	27.0	29.5
8	31.1	25.7	28.2	30.8	27.4	28.8	33.1	27.7	30.2	32.4	26.4	29.3
9	32.9	27.2	29.7	30.0	26.7	28.0	33.5	28.5	30.6	32.0	26.6	29.2
10	34.0	27.7	30.5	30.1	26.3	28.1	32.5	28.4	30.4	32.1	27.2	29.5
11	34.8	29.2	31.8	32.8	25.7	28.2	32.0	22.1	30.0	31.4	26.2	28.2
12	34.7	29.6	31.9	34.2	28.3	30.7	31.2	27.5	28.9	30.8	27.3	28.7
13	33.5	28.7	30.8	33.6	28.4	30.8	30.6	23.5	26.8	31.2	26.1	28.1
14	32.8	27.9	29.6	32.9	28.6	30.4	30.7	23.2	26.4	30.5	27.0	28.6
15	34.9	23.1	29.2	35.4	28.9	31.2	30.4	23.4	26.6	30.0	26.4	28.1
16	33.5	28.3	30.5	35.5	30.1	32.6	31.8	23.5	26.9	31.1	25.4	27.7
17	32.8	27.6	29.8	34.7	29.9	31.6	32.5	24.5	28.5	32.8	26.6	29.1
18	35.2	28.5	31.2	32.0	27.6	30.0	33.2	25.5	28.6	32.8	27.4	29.8
19	34.3	29.8	31.7	32.5	27.5	29.9	33.3	27.3	29.8	30.8	24.9	27.8
20	34.6	28.4	31.0	32.8	27.6	30.2	32.1	27.2	29.3	29.7	24.2	26.7
21	34.0	29.2	31.0	33.4	28.4	30.7	29.7	25.9	27.5	28.6	24.1	26.5
22	30.4	26.9	28.7	35.5	29.2	31.8	31.7	27.4	29.0	28.4	23.9	26.1
23	30.2	27.1	28.1	35.5	29.5	32.2	32.9	28.4	30.3	27.3	24.6	25.6
24	29.4	26.7	27.5	35.6	29.6	32.3	33.5	28.7	30.9	28.7	24.6	26.1
25	26.7	23.8	25.2	35.1	30.6	32.4	34.2	29.3	31.1	28.7	25.0	26.5
26	24.1	23.4	23.7	32.3	27.7	29.8	34.3	29.5	31.6	28.6	24.6	26.6
27	26.4	23.9	24.7	32.9	27.4	29.7	34.4	29.6	31.7	28.8	23.9	26.2
28	27.9	25.4	26.4	34.2	27.2	30.2	32.5	28.3	30.3	28.1	23.1	25.3
29	29.2	26.1	27.2	36.0	28.6	31.5	31.4	28.2	29.6	28.1	22.5	24.9
30	29.8	26.2	27.4	34.7	29.8	32.2	30.5	27.2	28.6	27.7	23.0	25.1
31	---	---	---	33.7	29.4	31.7	31.1	26.5	28.7	---	---	---
MONTH	35.2	23.1	28.4	36.0	25.7	30.3	35.4	22.1	29.7	32.8	22.5	27.7

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

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)
OCT 01...	0830	2.1	3.8	7.3	323	19.0	111	15.8	12.9	.20	.66	.113	.210d
DEC 15...	0900	9.0	7.3	7.4	209	9.6	61	10.1	17.0	.22	.47	.033	.159
FEB 17...	0915	113	6.8	7.2	202	9.9	66	10.4	15.6	.16	.41	.024	.076
MAR 29...	0900	5.1	4.0	7.1	495	21.0	185	29.6	18.8	.16	.36	.048	.184
APR 27...	1115	12	3.4	7.2	205	22.5	66	13.2	10.2	.48	.29	.047	.326d
MAY 24...	0815	55	1.9	7.0	236	26.4	42	12.0c	11.9c	.27	.15	.048	.236d
JUN 15...	0815	18	1.9	7.4	344	27.2	128	18.2	10.5	.36	.13	.038	.296d
JUL 09...	0745	9.8	2.2	7.8	219	26.7	90	8.37	7.5	.40	.26	.071	.244d
AUG 12...	0815	1.7	1.5	8.1	572	27.7	198	10.3	--	.06	<.06	<.008	.033

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

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

Date	Phosphorus, water, unfltrd mg/L (00665)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)
OCT 01...	.41oc	<.006	E.012	<.006	<.004	<.005	.100	<.050	<.010	<.007	<.041	<.020	<.005
DEC 15...	.29	<.006	E.006n	<.006	<.005	<.005	.265	<.050	<.010	<.004	E.015t	<.020	.009
FEB 17...	.19	<.006	E.015	<.006	<.005	<.005	.209	<.050	<.010	<.004	E.012t	<.020	<.005
MAR 29...	.30oc	<.006	E.044	<.006	<.005	<.005	2.02	<.050	<.010	<.004	E.043	<.020	<.005
APR 27...	.46oc	<.006	E.121	<.006	<.005	<.005	3.60	<.050	<.010	<.004	E.084	<.020	<.005
MAY 24...	.46oc	<.006	E.049	<.006	<.005	<.005	.554	<.050	<.010	<.004	E.043	<.020	<.005
JUN 15...	.50oc	<.006	E.069	<.006	<.005	<.005	2.09	<.050	<.010	<.004	<.041	<.020	<.005
JUL 09...	.46oc	--	--	--	--	--	--	--	--	--	--	--	--
AUG 12...	.24oc	<.006	E.007	<.006	<.005	<.005	.061	<.050	<.010	<.004	<.041	<.020	<.005

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

Date	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipronil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipronil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)
OCT 01...	<.006	<.018	<.003	.005	.009	<.005	<.02	E.002n	<.009	<.005	E.006	.006	.009
DEC 15...	<.006	<.018	<.003	E.005t	.032	E.006n	<.02	.025	<.009	<.005	E.002t	E.006n	E.009t
FEB 17...	<.006	<.018	<.003	E.009n	.009	<.009	<.02	<.015	<.009	<.005	E.007t	E.008n	E.012
MAR 29...	<.006	<.018	<.003	E.010n	.016	<.009	<.02	.014	<.009	<.005	E.008t	E.010n	E.013n
APR 27...	<.006	<.018	<.003	E.008n	.074	<.009	<.02	.006	<.009	<.005	<.029	E.009n	E.015n
MAY 24...	<.006	<.018	<.003	E.011n	.010	<.009	<.02	.005	<.009	<.005	E.006t	E.011n	E.014n
JUN 15...	.019	<.018	<.003	.013	<.005	<.009	<.02	E.004n	<.009	<.005	E.010t	E.012n	E.018n
JUL 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 12...	<.006	<.018	<.003	E.006t	<.015	<.009	<.02	<.004	<.009	<.005	E.004t	E.010n	E.011t

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

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

Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)
OCT 01...	E.008	<.003	<.004	<.035	<.027	<.006	E.008n	<.006	<.002	<.007	<.003	<.010	<.004
DEC 15...	E.041	<.003	<.004	<.035	<.027	<.015	.015	<.006	<.003	<.007	<.003	<.010	<.004
FEB 17...	E.067	<.003	<.004	<.035	<.027	<.015	.014	<.006	<.003	<.007	<.003	<.010	<.004
MAR 29...	E.019	<.003	<.004	<.035	<.027	<.015	.028	<.006	<.003	<.007	<.003	<.010	<.004
APR 27...	E.087	<.003	<.004	<.035	<.027	<.015	.038	<.006	<.003	<.007	<.003	<.010	<.004
MAY 24...	E.036	<.003	<.004	<.035	<.027	<.015	.060	<.006	<.003	<.007	<.003	<.010	<.004
JUN 15...	E.026	<.003	<.004	<.035	<.027	<.015	.030	<.006	<.003	<.007	<.003	<.010	<.004
JUL 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 12...	<.016	<.003	<.004	<.035	<.027	<.015	.032	<.006	<.003	<.007	<.003	<.010	<.004

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

Date	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)
OCT 01...	<.022	<.011	E.01n	<.004	<.010	<.011	<.02	.016	.02	<.034	<.02	<.005	<.002
DEC 15...	<.022	<.011	E.02	<.004	<.025	<.011	<.02	.138	<.02	<.034	<.02	<.010	<.002
FEB 17...	<.022	<.011	.01	<.004	<.025	<.011	<.02	.135	.06	<.034	<.02	<.010	<.002
MAR 29...	<.022	<.011	.02	<.004	<.025	<.011	<.02	.201	E.06	<.034	<.02	<.010	<.002
APR 27...	<.022	<.011	.06	<.004	<.025	<.011	<.02	.345	E.07	<.034	<.02	<.010	<.002
MAY 24...	E.007t	<.011	.02	<.004	<.025	<.011	<.02	.126	.06	<.034	<.02	<.010	<.002
JUN 15...	<.022	<.011	.02	<.004	<.025	<.011	<.02	.110	.04	<.034	<.02	<.010	<.002
JUL 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 12...	<.022	<.011	.03	<.025	<.025	<.020	<.04	.016	<.03	<.034	<.02	<.010	<.002

07379960 DAWSON CREEK AT BLUEBONNET BOULEVARD NEAR BATON ROUGE, LA—Continued

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

Date	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT 01...	<.009	27	.15
DEC 15...	E.007n	42	1.0
FEB 17...	<.009	--	--
MAR 29...	<.009	--	--
APR 27...	<.009	44	1.4
MAY 24...	<.009	78	12
JUN 15...	<.009	67	3.3
JUL 09...	--	4	.11
AUG 12...	<.009	71	.33

Remark codes used in this table:

< -- Less than
E -- Estimated value

Value qualifier codes used in this table:

c -- See laboratory comment
d -- Diluted sample: method hi range
exceeded
n -- Below the LRL and above the LT-
MDL
o -- Result determined by alternate method
t -- Below the long-term MDL

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.

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

REMARKS.--Gage is tide affected. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.92 ft (from floodmark), June 10, 2001; minimum gage height, 0.33 ft (revised due to datum correction), May 20, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.18 ft, May 18; minimum recorded gage height, 0.84 ft, Dec. 24, 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.53	2.27		2.10	2.62	3.30		4.84	1.93	4.97	1.90	1.87
2	2.53	2.25		1.79	2.98	2.88		4.13	2.90	4.19	1.82	1.71
3	2.48	2.11		1.63	2.53	2.70		3.08	3.82	4.12	1.57	2.01
4	2.36	2.09	2.11	1.63	2.29	2.65		2.38	3.76	3.69	1.50	2.37
5	2.21	2.47		1.75	2.93	2.65		1.90	3.46	2.89	1.39	2.22
6	2.10	2.07		1.57	5.22	2.58	1.45	1.72	2.94	2.32		1.82
7	2.19	1.82		1.61	6.15	2.14	1.70	1.71	2.71	1.97	---	
8	2.31	1.90		1.90	8.15	2.07	1.41	1.67	3.45	1.89	2.09	
9	2.33	2.01		2.21	8.63	1.74	1.24	1.63	3.80		---	
10	3.14	2.19		1.76	7.73		1.44	1.94	3.38	2.20	2.44	
11	3.18	2.21		1.65	6.53		1.64	2.23	2.33	2.12	2.09	1.81
12	3.15	2.13		1.50	6.17		1.67	4.74			1.99	2.18
13	2.90	2.04	2.05	1.25	7.10	1.46		6.97			1.84	2.52
14	2.60	2.17		1.15	9.98	1.90		7.24	2.02		1.84	2.83
15	2.29	2.20		1.05	10.45	2.56		8.20	2.21		1.85	3.17
16	2.17	2.19		1.32	8.96	2.32		9.13	2.23			3.31
17	2.07	2.26		1.98	6.78	2.14		11.21	2.23		1.84	3.04
18	1.98	2.59		2.03	4.31	2.00	1.16	11.88	2.27			2.67
19	2.10	2.16		1.42	2.55	1.76	1.36	10.53	2.07		1.71	2.52
20	2.11			1.30	2.06	1.65	1.42	8.78	1.84		1.78	2.60
21	1.92			1.22	1.98		1.44	7.54	1.87	1.49		2.90
22		1.80		1.11	2.03		1.85	6.50	2.02	1.48		3.05
23		1.94	1.36	1.04	3.49	1.93	2.07	4.59	1.91	1.48		3.39
24			1.05	1.07	4.68	2.21	2.12	3.49	2.26			3.45
25	1.98	1.87	1.27	1.27	6.26	2.43	2.40	3.05	3.67			3.04
26	2.01	2.14	1.53	1.58	7.17	2.45	2.86	2.58	5.48		1.74	2.68
27	1.92	3.61	1.56	1.54	7.86	2.37	2.25	2.11	7.01	1.54	1.81	2.20
28	1.96	4.63	1.75	1.81	6.82	2.31	1.87	1.81	7.76	1.52	1.84	
29	1.97	2.94	2.50	1.69	4.79	2.04	2.18	1.71	7.31	1.51	1.88	
30	2.07	2.26	2.42	2.42	---	1.74	4.12	1.88	6.38	1.53	1.86	1.82
31	2.12	---	2.29	2.67	---	1.74	---	1.87	---	1.71	1.85	---
MAX				2.67	10.45			11.88				
MIN				1.04	1.98			1.63				

073801175 GRAYS CREEK NEAR PORT VINCENT, LA

LOCATION.--Lat 30° 24'39", long 90° 54'52", in sec. 21, T. 7 S., R. 3 E., Livingston Parish, Hydrologic Unit 08070202, at bridge on State Highway 16, 1.0 miles from intersection of State Highway 16 and Juban Road.

DRAINAGE AREA.--30 mi².

PERIOD OF RECORD.--July 1998 to September 2001 (peak elevations only); October 2001 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.89 ft, June 8, 2001; minimum recorded gage height, 12.42 ft, Aug. 30, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.86 ft, May 13; minimum gage height, 12.48 ft, Apr. 20, 21.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.56	12.61	12.87	12.89	13.18	12.95	12.65	20.72	13.27	13.51	12.80	12.66
2	12.56	12.61	12.77	12.78	13.70	12.91	12.65	18.08	13.56	13.80	12.97	12.64
3	12.58	12.61	12.69	12.73	13.56	12.82	12.60	13.92	15.32	12.93	12.66	12.66
4	12.60	12.62	12.67	12.70	13.46	12.78	12.58	13.10	13.31	12.76	12.63	12.82
5	12.66	12.62	12.69	14.24	16.08	12.80	12.59	12.83	12.85	13.44	12.63	12.71
6	12.64	12.64	12.64	13.75	19.41	15.03	12.60	12.74	13.58	13.13	12.64	12.69
7	12.59	12.63	12.63	12.96	14.44	13.30	12.87	12.69	14.51	13.59	12.62	12.68
8	12.60	12.62	12.63	13.62	13.39	12.90	12.65	12.65	14.37	13.41	12.62	12.69
9	12.59	12.63	12.65	15.03	13.06	12.80	12.63	12.66	12.86	12.93	12.59	12.69
10	14.89	12.63	12.68	13.38	14.99	12.76	12.59	12.65	12.71	14.37	12.65	12.78
11	14.05	12.63	12.72	12.96	18.73	12.73	12.61	12.65	12.67	15.23	12.69	12.75
12	12.83	12.65	12.69	12.85	19.96	12.72	12.65	18.88	12.64	13.30	13.27	12.80
13	12.66	12.66	14.01	12.80	15.29	12.70	12.63	23.37	12.73	13.98	12.72	12.81
14	12.62	12.72	13.62	12.77	15.59	13.29	12.62	19.06	12.69	12.88	12.63	12.71
15	12.60	12.74	12.89	12.74	14.26	15.81	12.64	18.48	12.76	12.68	12.62	12.80
16	12.59	12.77	12.72	12.72	13.58	16.52	12.62	18.18	12.63	12.67	12.60	12.83
17	12.62	12.85	12.70	12.70	13.19	13.63	12.59	14.96	12.71	12.65	12.59	12.66
18	12.64	13.78	12.71	12.75	13.01	13.02	12.57	15.60	12.69	---	12.59	12.76
19	12.65	13.10	12.71	12.73	12.89	12.86	12.59	14.06	12.64	---	12.60	12.82
20	12.65	12.68	12.71	12.69	12.80	12.80	12.52	13.38	12.91	12.65	12.81	12.83
21	12.66	12.58	12.72	12.72	12.77	12.77	12.52	13.10	13.00	13.73	13.08	12.81
22	12.61	12.58	12.73	12.66	12.76	12.75	12.53	12.92	13.36	14.03	12.70	12.87
23	12.59	12.59	13.50	12.65	17.86	12.75	12.53	12.83	14.66	12.81	12.68	12.88
24	12.60	13.76	13.18	12.65	20.11	12.73	12.66	12.78	13.13	12.73	12.71	12.93
25	12.59	12.79	12.77	12.71	19.58	12.74	14.75	12.70	17.48	12.64	12.77	12.91
26	12.60	12.64	12.70	12.78	14.75	12.72	16.87	12.68	20.53	12.62	12.70	12.90
27	12.61	17.23	12.67	12.67	13.58	12.72	13.10	12.66	16.91	12.61	12.63	12.89
28	12.62	21.10	12.67	12.64	13.17	12.72	12.71	12.65	14.77	12.60	12.63	12.88
29	12.63	14.38	16.20	12.65	13.03	12.95	12.61	12.61	15.84	12.63	12.80	12.87
30	12.62	13.12	15.40	17.54	---	13.09	17.60	12.61	14.56	12.69	12.91	12.86
31	12.62	---	13.18	14.80	---	12.68	---	12.61	---	12.78	12.67	---
MAX	14.89	21.10	16.20	17.54	20.11	16.52	17.60	23.37	20.53	---	13.27	12.93
MIN	12.56	12.58	12.63	12.64	12.76	12.68	12.52	12.61	12.63	---	12.59	12.64

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 acoustic velocity meter. Datum of gage is NGVD of 1929. Prior to Oct. 25, 1983, operated by Corps of Engineers, same site and location.

REMARKS.--No estimated daily discharges. Records fair. Satellite telemetry and rain gage at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height, 14.65 ft, Apr. 9, 1983; minimum gage height, -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; maximum recorded positive discharge, 45,300 ft³/s, Apr. 30, 1997; maximum recorded negative discharge, -2,230 ft³/s, July 22, 2002; maximum recorded gage height, 12.73 ft, June 11, 2001; minimum recorded gage height, -0.36 ft, Apr. 14, 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum recorded positive discharge, 31,400 ft³/s, May 18; maximum negative discharge, -983 ft³/s, Oct. 30; maximum gage height, 8.98 ft, May 18; minimum gage height, -0.36 ft, Apr. 14, 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	44	1,940	2,130	3,270	4,490	489	7,550	1,630	8,190	535	526
2	124	307	1,230	1,250	2,710	3,520	551	5,570	5,410	6,660	936	456
3	187	449	969	889	2,410	2,770	462	3,870	7,320	6,930	474	268
4	160	279	867	870	1,270	2,550	520	2,690	7,220	6,090	---	684
5	162	203	729	1,150	---	2,360	-6.8	1,800	6,620	4,050	990	510
6	272	761	571	1,170	---	3,060	195	1,430	5,080	2,540	533	690
7	263	421	313	850	---	3,120	897	1,340	4,000	1,990	142	678
8	452	204	225	1,190	19,700	4,360	906	1,210	6,060	2,110	23	321
9	192	191	176	2,310	---	3,980	499	1,050	6,900	1,690	237	287
10	1,590	50	562	1,830	---	2,600	487	789	5,710	2,520	636	291
11	1,180	268	455	2,000	---	1,910	495	623	2,980	2,730	512	282
12	455	302	-105	1,880	---	1,620	627	6,130	1,940	2,160	731	0.45
13	471	202	660	1,140	---	1,300	673	13,200	1,380	2,180	791	-5.7
14	669	-116	944	993	---	1,590	605	13,800	1,050	1,270	396	-101
15	384	-19	472	876	---	3,460	218	15,500	1,290	1,250	165	212
16	329	107	926	353	---	2,730	227	18,800	1,090	1,330	117	318
17	462	-64	803	383	---	2,040	82	28,000	1,490	1,120	239	501
18	430	1,020	567	852	7,780	1,740	87	29,100	2,640	1,470	363	371
19	119	1,510	403	921	3,930	1,460	371	22,200	2,420	1,200	302	184
20	89	643	318	1,470	2,880	1,250	548	16,300	1,840	914	417	-150
21	355	394	22	1,110	2,260	1,220	368	13,600	2,070	762	658	-120
22	596	116	138	892	1,770	751	225	11,300	2,740	978	473	-162
23	161	40	523	632	---	309	210	6,130	2,510	1,050	459	-156
24	113	830	647	389	---	345	378	3,210	3,850	531	466	209
25	-12	305	227	604	---	346	983	2,640	6,690	852	406	344
26	368	130	419	795	---	410	3,220	2,450	10,300	920	401	329
27	729	3,870	186	2,850	16,300	577	2,430	2,190	12,900	1,020	519	491
28	583	7,870	243	4,860	14,000	662	1,080	1,920	14,800	645	506	461
29	153	3,300	2,180	4,130	9,120	971	554	1,600	13,400	739	552	269
30	-180	2,950	3,260	4,650	---	1,220	4,430	1,500	11,300	690	669	194
31	35	---	2,350	5,310	---	894	---	1,670	---	500	563	---
TOTAL	11,046	26,567	23,220	50,729	---	59,615	22,810.2	239,162	154,630	67,081	---	8,181.75

MISSISSIPPI RIVER DELTA

07380120 AMITE RIVER AT PORT VINCENT, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.54	2.25	1.21	1.84	2.31	2.60	0.85	3.34	1.52	3.61	1.78	1.69
2	2.54	2.24	1.24	1.66	2.69	2.35	0.92	2.96	2.06	3.15	1.68	1.53
3	2.48	2.08	1.58	1.54	2.31	2.26	0.90	2.20	2.39	3.02	1.42	1.82
4	2.36	2.05	1.88	1.51	2.16	2.27	0.66	1.75	2.35	2.74	---	2.17
5	2.22	2.44	1.70	1.58	2.65	2.32	0.95	1.53	2.22	2.26	0.91	2.05
6	2.10	2.02	1.08	1.38	3.43	2.11	1.33	1.34	2.01	1.90	0.77	1.64
7	2.15	1.75	0.97	1.48	3.90	1.63	1.56	1.38	2.06	1.58	1.27	0.87
8	2.26	1.86	1.18	1.75	4.87	1.39	1.29	1.37	2.52	1.53	2.10	0.53
9	2.28	1.97	1.46	1.89	5.43	1.06	1.16	1.36	2.70	1.66	2.60	0.90
10	2.79	2.15	0.97	1.47	5.02	0.64	1.34	1.74	2.49	1.83	2.39	1.32
11	3.02	2.17	0.64	1.43	4.37	0.77	1.57	2.11	1.84	1.80	1.92	1.55
12	3.08	2.09	1.08	1.26	4.21	0.73	1.60	3.04	1.41	1.55	1.81	2.03
13	2.85	2.00	1.74	1.13	4.68	1.05	0.57	4.52	1.45	1.28	1.65	2.37
14	2.54	2.13	1.49	1.00	6.24	1.47	-0.17	5.08	1.80	1.18	1.66	2.68
15	2.23	2.16	1.51	0.90	---	1.86	-0.05	5.85	2.07	1.15	1.67	3.03
16	2.10	2.15	1.58	1.24	6.29	1.83	0.38	6.42	2.11	1.05	1.62	3.18
17	2.00	2.21	0.75	1.91	4.68	1.74	0.78	8.17	2.07	0.77	1.54	2.89
18	1.88	2.41	0.03	1.95	2.89	1.65	1.07	8.82	1.99	0.77	1.43	2.52
19	2.02	1.82	-0.13	1.32	1.57	1.44	1.28	7.83	1.82	0.80	1.46	2.38
20	2.05	1.07	0.05	1.17	1.30	1.37	1.35	6.49	1.60	1.11	1.60	2.45
21	1.85	1.35	0.58	1.13	1.39	1.10	1.36	5.47	1.62	1.35	1.39	2.76
22	1.26	1.61	1.08	1.02	1.58	1.13	1.78	4.68	1.67	1.33	1.29	2.92
23	1.00	1.81	1.25	0.95	2.36	1.84	1.99	3.49	1.62	1.18	1.32	3.30
24	1.60	1.40	0.94	0.99	3.48	2.13	2.04	2.74	1.79	1.06	1.39	3.35
25	1.91	1.59	1.07	1.17	4.37	2.34	2.20	2.38	2.44	1.13	1.39	2.96
26	1.94	1.96	1.44	1.46	4.89	2.36	2.49	1.96	3.52	1.27	1.39	2.61
27	1.85	2.64	1.48	1.25	5.30	2.28	2.01	1.49	4.47	1.37	1.50	2.11
28	1.90	3.07	1.66	1.27	4.72	2.22	1.77	1.14	5.09	1.29	1.59	1.42
29	1.91	2.03	2.05	1.25	3.49	1.95	2.10	1.20	4.96	1.29	1.69	1.38
30	2.02	1.49	1.95	1.65	---	1.49	2.82	1.51	4.44	1.32	1.65	1.69
31	2.10	---	1.97	2.02	---	1.09	---	1.46	---	1.60	1.62	---
MAX	3.08	3.07	2.05	2.02	---	2.60	2.82	8.82	5.09	3.61	---	3.35
MIN	1.00	1.07	-0.13	0.90	---	0.64	-0.17	1.14	1.41	0.77	---	0.53

07380126 HENDERSON BAYOU NEAR PORT VINCENT, LA

LOCATION.--Lat 30° 17'50", long 90° 53'02", in sec. 37, T. 9 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on Henderson Bayou Road, 1.2 miles from the intersection of Hwy. 933 and Henderson Bayou Road.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Annual maximums, water years 1980-84. November 1997 to September 2001. October 2002 to September 2003.

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

REMARKS.--Stage affected by wind and tide. Rain gage and satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.00 ft, June 10, 2001 (from highwater mark); minimum recorded gage height, -0.74 ft, Apr. 20, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.41 ft, May 18; minimum gage height, not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.79	1.50	0.47	1.09	1.57	1.84	---	2.78	0.76	2.85	1.07	0.95
2	1.79	1.49	0.50	0.91	1.94	1.58	0.28	2.34	1.28	2.38	0.97	0.79
3	1.73	1.34	0.83	0.79	1.57	1.50	0.24	1.44	1.61	2.24	0.72	1.08
4	1.61	1.30	1.13	0.77	1.43	1.51	---	0.98	1.55	1.97	0.65	1.42
5	1.47	1.69	0.96	0.88	2.08	1.55	0.34	0.76	1.43	1.50	0.37	1.29
6	1.35	1.27	0.38	0.65	2.99	1.36	0.57	0.57	1.24	1.15	---	0.89
7	1.41	1.01	0.25	0.73	3.01	0.86	0.81	0.61	1.29	0.84	0.54	0.31
8	1.51	1.12	0.44	1.03	3.79	0.62	0.53	0.60	1.73	0.79	1.35	---
9	1.53	1.23	0.71	1.19	4.37	0.34	0.40	0.59	1.90	0.92	1.85	0.28
10	2.31	1.41	0.41	0.72	4.35	---	0.57	0.97	1.70	1.10	1.64	0.58
11	2.28	1.42	---	0.68	3.82	---	0.80	1.34	1.07	1.06	1.18	0.81
12	2.33	1.34	0.50	0.52	3.48	---	0.83	2.80	0.65	0.83	1.07	1.28
13	2.10	1.25	1.00	0.38	3.73	0.35	---	3.72	0.70	0.57	0.91	1.62
14	1.79	1.38	0.74	0.26	4.97	0.71	---	4.16	1.06	0.46	0.92	1.93
15	1.48	1.41	0.76	0.23	5.89	1.09	---	5.16	1.32	0.44	0.93	2.25
16	1.35	1.40	0.83	0.54	5.35	1.07	---	5.25	1.36	0.34	0.88	2.41
17	1.25	1.46	---	1.16	3.97	0.98	---	6.37	1.32	---	0.80	2.14
18	1.13	1.66	---	1.20	2.28	0.88	0.31	7.34	1.24	0.40	0.69	1.77
19	1.28	1.08	---	0.58	0.81	0.68	0.52	6.70	1.07	0.17	0.71	1.63
20	1.30	0.33	---	0.42	0.53	0.61	0.58	5.61	0.86	0.40	0.86	1.70
21	1.11	0.61	---	0.37	0.64	0.35	0.60	4.62	0.87	0.64	0.64	2.00
22	0.52	0.87	0.37	0.28	0.83	0.39	1.01	3.88	0.93	0.61	0.55	2.16
23	0.36	1.06	0.51	0.23	2.91	1.09	1.22	2.80	0.87	0.47	0.58	2.52
24	0.86	0.67	0.24	0.27	2.88	1.37	1.28	1.98	1.04	0.36	0.64	2.60
25	1.17	0.84	0.45	0.43	3.76	1.58	1.71	1.61	2.20	0.42	0.65	2.20
26	1.20	1.22	0.70	0.71	3.93	1.60	1.80	1.18	2.73	0.56	0.65	1.85
27	1.10	2.34	0.74	0.50	4.32	1.51	1.24	0.73	3.52	0.66	0.76	1.36
28	1.15	2.36	0.92	0.51	3.90	1.44	1.00	0.38	4.13	0.58	0.85	0.67
29	1.16	1.29	1.73	0.49	2.79	1.18	1.33	0.45	4.11	0.58	0.99	0.63
30	1.27	0.73	1.21	0.95	---	0.72	3.02	0.75	3.63	0.61	0.91	0.94
31	1.35	---	1.23	1.27	---	0.47	---	0.70	---	0.89	0.88	---
MAX	2.33	2.36	---	1.27	5.89	---	---	7.34	4.13	---	---	---
MIN	0.36	0.33	---	0.23	0.53	---	---	0.38	0.65	---	---	---

07380200 AMITE RIVER AT FRENCH SETTLEMENT, LA

LOCATION.--Lat 30° 16'31", long 90° 46'45", in sec. 11, T. 9 S., R. 4 E., Livingston Parish, Hydrologic Unit 08070202, at bridge on State Highway 16, 2.0 mi south of French Settlement High School.

DRAINAGE AREA.--About 1,750 mi².

PERIOD OF RECORD.--Annual maximums, water years 1995-96; October 1997 to current year (elevations only). Previous stage data was collected at a nearby site (Station number 8522509) by the U.S. Army Corps of Engineers, New Orleans District, from 1949 to 1992.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 6.89 ft, June 11, 2001; minimum recorded gage height, -0.89 ft, Dec. 31, 1997 and Jan. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.57 ft, May 18; minimum gage height, -0.84 ft, Apr. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.11	1.83	0.70	1.34	1.77	1.95	0.39	2.29	1.05	2.34	1.34	1.21
2	2.11	1.81	0.77	1.19	2.18	1.80	0.47	2.04	1.38	2.17	1.23	1.06
3	2.06	1.66	1.13	1.08	1.81	1.74	0.45	1.44	1.44	2.06	0.98	1.36
4	1.94	1.63	1.44	1.06	1.68	1.77	0.20	1.15	1.34	1.86	0.89	1.69
5	1.80	2.02	1.25	1.12	2.14	1.84	0.50	1.02	1.29	1.58	0.57	1.58
6	1.68	1.60	0.62	0.90	2.31	1.58	0.87	0.86	1.26	1.36	0.30	1.15
7	1.74	1.33	0.53	1.01	2.25	1.05	1.11	0.92	1.44	1.07	0.80	0.39
8	1.84	1.43	0.73	1.28	2.28	0.69	0.84	0.90	1.72	1.03	1.63	0.06
9	1.86	1.55	1.02	1.38	2.46	0.29	0.72	0.90	1.82	1.19	2.12	0.43
10	2.33	1.73	0.53	0.96	2.52	0.00	0.88	1.29	1.71	1.29	1.91	0.85
11	2.59	1.75	0.19	0.92	2.48	0.23	1.12	1.67	1.28	1.28	1.44	1.08
12	2.66	1.67	0.64	0.76	2.54	0.20	1.15	2.17	0.93	1.06	1.32	1.56
13	2.42	1.56	1.29	0.66	2.57	0.57	0.11	2.84	0.98	0.79	1.16	1.89
14	2.11	1.70	1.03	0.54	2.97	0.98	-0.64	3.09	1.36	0.74	1.18	2.21
15	1.80	1.67	1.05	0.45	3.28	1.26	-0.49	3.48	1.62	0.71	1.19	2.55
16	1.67	---	1.13	0.80	3.11	1.28	-0.06	3.69	1.67	0.58	1.15	2.72
17	1.56	1.89	0.28	1.46	2.51	1.23	0.34	4.02	1.60	0.30	1.07	2.41
18	---	1.96	-0.43	1.51	1.61	1.16	0.63	4.48	1.44	0.25	0.96	2.05
19	1.60	1.36	-0.57	0.86	0.78	0.96	0.85	4.50	1.30	0.32	0.98	1.90
20	1.63	0.62	-0.39	0.68	0.68	0.90	0.90	4.15	1.12	0.65	1.13	1.98
21	1.43	0.91	0.14	0.64	0.85	0.62	0.92	3.68	1.12	0.91	0.91	2.28
22	0.83	1.17	0.63	0.56	1.08	0.67	1.33	3.22	1.14	0.85	0.81	2.44
23	0.59	1.37	0.81	0.49	1.60	1.39	1.54	2.63	1.07	0.72	0.84	2.81
24	1.18	0.95	0.49	0.54	2.39	1.68	1.60	2.17	1.15	0.64	0.91	2.89
25	1.49	1.14	0.62	0.72	2.73	1.89	1.74	1.86	1.52	0.71	0.91	2.49
26	1.53	1.52	0.99	1.01	2.81	1.91	1.93	1.44	2.00	0.82	0.92	2.13
27	1.41	1.98	1.03	0.64	2.85	1.83	1.46	1.00	2.29	0.91	1.03	1.64
28	1.47	2.15	1.21	0.40	2.66	1.77	1.30	0.66	2.53	0.84	1.11	0.95
29	1.49	1.38	1.52	0.51	2.28	1.50	1.64	0.74	2.63	0.87	1.22	0.91
30	1.60	0.89	1.36	0.92	---	1.03	2.08	1.06	2.57	0.90	1.17	1.21
31	1.68	---	1.45	1.28	---	0.64	---	1.00	---	1.16	1.15	---
MAX	---	---	1.52	1.51	3.28	1.95	2.08	4.50	2.63	2.34	2.12	2.89
MIN	---	---	-0.57	0.40	0.68	0.00	-0.64	0.66	0.93	0.25	0.30	0.06

07380215 AMITE RIVER AT STATE HIGHWAY 22 NEAR MAUREPAS, LA

LOCATION.--Lat 30° 18'33", long 90° 36'37", in sec. 46, T. 9 S., R. 4 E., Livingston Parish, Killian Quadrangle, Hydrologic Unit 08070202, at bridge on State Highway 22, approximately 2.0 mi south of Maurepas near Clio.

DRAINAGE AREA.--About 1,775 mi².

PERIOD OF RECORD.--July 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.90 ft below NAVD 88.

REMARKS.--Stage affected by wind and tide. Satellite telemetry, rain gage, wind speed and wind direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.40 ft, Sept. 26, 2002; minimum gage height, -0.25 ft, April 14, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.82 ft, Sept. 23, 24; minimum gage height, -0.25 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.64	2.42	1.21	1.89	2.35	2.37	0.99	2.41	1.65	2.39	1.97	1.84
2	2.63	2.38	1.33	1.78	2.77	2.30	1.05	2.01	1.86	2.37	1.87	1.71
3	2.60	2.22	1.72	1.69	2.25	2.28	1.05	1.57	1.69	2.29	1.61	2.01
4	2.49	2.22	2.02	1.68	2.21	2.36	0.81	1.58	1.57	2.16	1.55	2.34
5	2.34	2.63	1.82	1.66	2.74	2.44	1.10	1.56	1.58	2.04	1.20	2.19
6	2.23	2.15	1.18	1.39	2.43	2.09	1.48	1.43	1.66	1.88	0.93	1.75
7	2.30	1.90	1.12	1.56	1.83	1.53	1.73	1.50	1.92	1.62	1.44	1.01
8	2.40	1.99	1.33	1.85	1.47	1.07	1.46	1.50	2.13	1.59	2.31	0.71
9	2.43	2.12	1.64	1.88	1.81	0.55	1.33	1.51	2.20	1.80	2.82	1.08
10	2.90	2.31	1.13	1.46	1.96	0.42	1.51	1.91	2.12	1.84	2.50	1.50
11	3.20	2.33	0.78	1.46	2.13	0.75	1.70	2.30	1.81	1.79	2.06	1.74
12	3.21	2.26	1.23	1.31	2.32	0.75	1.75	2.62	1.50	1.58	1.91	2.22
13	2.94	2.07	1.88	1.25	2.08	1.16	0.68	3.05	1.59	1.32	1.74	2.56
14	2.59	2.25	1.60	1.14	2.12	1.56	-0.04	3.15	1.96	1.34	1.78	2.91
15	2.28	2.31	1.66	1.05	1.76	1.78	0.13	3.37	2.23	1.33	1.81	3.25
16	2.20	2.32	1.72	1.40	1.50	1.80	0.56	3.28	2.30	1.21	1.79	3.45
17	2.11	2.39	0.85	2.08	1.47	1.80	0.96	3.28	2.20	0.91	1.71	3.00
18	1.98	2.58	0.17	2.12	1.34	1.75	1.24	3.42	1.99	0.82	1.61	2.63
19	2.17	1.82	0.03	1.41	1.03	1.55	1.47	3.40	1.84	0.93	1.64	2.50
20	2.20	1.21	0.22	1.22	1.16	1.51	1.54	3.25	1.68	1.29	1.78	2.64
21	2.00	1.52	0.74	1.21	1.38	1.16	1.58	3.00	1.67	1.55	1.57	2.96
22	1.41	1.77	1.23	1.15	1.64	1.23	2.00	2.74	1.68	1.51	1.47	3.11
23	1.18	1.97	1.41	1.09	2.05	1.99	2.17	2.59	1.60	1.34	1.51	3.56
24	1.77	1.45	1.07	1.15	2.77	2.30	2.22	2.48	1.64	1.27	1.57	3.51
25	2.06	1.72	1.21	1.36	2.74	2.50	2.33	2.27	1.75	1.32	1.57	3.02
26	2.10	2.13	1.58	1.62	2.42	2.51	2.39	1.92	1.83	1.44	1.57	2.65
27	1.96	2.53	1.62	1.06	2.20	2.42	1.86	1.54	1.89	1.52	1.69	2.13
28	2.05	2.20	1.82	0.56	2.09	2.36	1.89	1.22	2.09	1.46	1.77	1.53
29	2.08	1.61	2.07	0.84	2.30	2.07	2.27	1.35	2.22	1.48	1.87	1.54
30	2.19	1.28	1.78	1.29	---	1.62	2.54	1.71	2.35	1.52	1.81	1.84
31	2.27	---	1.98	1.68	---	1.21	---	1.59	---	1.81	1.78	---
MAX	3.21	2.63	2.07	2.12	2.77	2.51	2.54	3.42	2.35	2.39	2.82	3.56
MIN	1.18	1.21	0.03	0.56	1.03	0.42	-0.04	1.22	1.50	0.82	0.93	0.71

073802220 PANAMA CANAL AT STATE HIGHWAY 44 NEAR GONZALES, LA

LOCATION.--Lat 30° 10'14", long 90° 55'07", in sec. 12, T. 10 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, located on downstream side of bridge on State Highway 44, 1.0 mi east of Interstate 10 near Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--December 1997 to current year.

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

REMARKS.--Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.19 ft (from reference gage), Apr. 8, 2003; minimum gage height, -1.00 ft, Dec. 31, 1997, Jan. 1, 1998, Apr. 14, 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.68 ft, May 13; minimum gage height, -1.00 ft, Apr. 14, 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.29	1.46	1.18	1.12	1.76	-0.03	5.12	0.76	1.74	0.89	0.81
2	1.62	1.34	1.17	1.00	1.45	1.65	0.07	4.27	0.98	1.94	0.86	0.65
3	1.61	1.27	1.08	0.83	1.48	1.56	0.02	2.66	1.18	1.63	0.59	0.86
4	1.57	1.19	1.19	0.76	1.39	1.49	-0.21	2.09	0.92	1.50	0.51	1.17
5	1.48	1.38	1.11	1.06	3.62	1.46	0.02	1.70	0.87	1.34	0.20	1.17
6	1.36	1.32	0.66	1.06	4.36	1.47	0.42	1.32	0.97	1.14	-0.13	0.91
7	1.33	1.01	0.31	0.76	2.38	1.20	0.69	1.02	0.96	0.80	0.32	0.13
8	1.41	1.02	0.40	1.12	1.82	0.65	0.49	0.80	1.13	1.17	1.00	-0.34
9	1.39	1.10	0.66	1.87	1.58	0.11	0.28	0.62	1.20	1.34	1.30	-0.01
10	2.08	1.21	0.36	1.20	2.81	-0.31	0.44	0.86	1.18	1.63	1.39	0.40
11	1.98	1.28	-0.10	0.75	5.14	-0.15	0.77	1.17	0.91	2.46	1.15	0.63
12	2.03	1.24	0.20	0.54	4.28	-0.17	0.83	2.44	0.51	1.24	0.98	1.03
13	2.03	1.18	0.86	0.37	2.84	0.12	-0.05	6.11	0.55	1.13	0.81	1.25
14	1.96	1.22	0.83	0.24	2.74	0.57	-0.89	4.74	0.90	0.61	0.80	1.40
15	1.84	1.27	0.64	0.13	2.27	1.21	-0.89	4.38	1.15	0.45	0.79	1.53
16	1.69	1.26	0.80	0.36	1.95	2.45	-0.52	3.15	1.19	0.28	0.76	1.68
17	1.52	1.30	0.17	1.02	1.77	1.18	-0.14	3.53	1.18	0.01	0.68	1.77
18	1.33	1.44	-0.69	1.18	1.57	0.85	0.12	6.04	1.03	-0.09	0.57	1.67
19	1.27	1.31	-0.90	0.78	1.19	0.62	0.38	4.90	0.88	-0.03	0.56	1.53
20	1.28	0.54	-0.79	0.40	0.78	0.51	0.46	3.14	0.71	0.25	0.71	1.48
21	1.18	0.54	-0.32	0.32	0.70	0.27	0.44	2.81	0.76	0.49	0.50	1.57
22	0.74	0.76	0.19	0.22	0.77	0.23	0.80	2.67	0.73	0.50	0.41	1.69
23	0.25	0.92	0.42	0.14	3.26	0.86	1.03	2.52	0.64	0.38	0.43	1.83
24	0.76	0.76	0.18	0.16	5.25	1.14	1.10	2.38	0.67	0.21	0.47	1.97
25	1.03	0.70	0.18	0.28	4.91	1.29	1.53	2.24	2.68	0.28	0.53	1.99
26	1.10	1.01	0.57	0.59	2.95	1.37	2.91	2.08	3.91	0.39	0.52	1.87
27	1.05	3.54	0.63	0.24	2.29	1.37	1.65	1.86	2.47	0.53	0.61	1.70
28	1.03	4.00	0.78	-0.38	2.04	1.32	1.22	1.52	1.87	0.45	0.71	1.35
29	1.05	2.23	2.77	-0.19	1.88	1.20	1.21	1.11	1.76	0.44	0.82	0.88
30	1.11	1.83	2.30	0.45	---	0.76	4.03	0.94	1.80	0.46	0.81	0.89
31	1.19	---	1.41	0.76	---	0.30	---	0.88	---	0.71	0.76	---
MAX	2.08	4.00	2.77	1.87	5.25	2.45	4.03	6.11	3.91	2.46	1.39	1.99
MIN	0.25	0.54	-0.90	-0.38	0.70	-0.31	-0.89	0.62	0.51	-0.09	-0.13	-0.34

073802225 BAYOU CONWAY NEAR SORRENTO, LA

LOCATION.--Lat 30° 10'23", long 90° 50'40", in sec. 25, T. 10 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, located at the Sorrento Pumping Station at levee at end of Conway Road.

DRAINAGE AREA.--Approximately 55.0 mi².

PERIOD OF RECORD.--July 1998 to current year.

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

REMARKS.--Rain gage at station. Stage affected by wind, tide, and pumpage. Lowest recordable stage is 0.16 ft.

EXTREMES FOR THE PERIOD OF RECORD.--

INSIDE: Maximum gage height, 3.08 ft, Mar. 4, 2001; minimum gage height, -0.65 ft, Apr. 18, 1999, Dec. 18, 20-21, 2003, Apr. 14, 16, 2004.

OUTSIDE: Maximum gage height, 4.30 ft, June 11, 2001; minimum gage height, 0.15 ft, Jan. 12, 2002.

EXTREMES FOR CURRENT YEAR.--INSIDE: Maximum gage height, 2.74 ft, May 1; minimum gage height, -0.65 ft, Dec. 18, 20, 21, Apr. 14, 16.

OUTSIDE: Maximum gage height, 3.05 ft, May 18; minimum gage height, 0.16 ft, on many days.

GAGE HEIGHT, INSIDE, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.63	1.30	1.43	1.17	1.14	1.62	-0.01	2.32	1.19	1.67	0.95	0.85
2	1.64	1.35	1.11	1.00	1.46	1.64	0.09	2.11	0.93	1.69	0.92	0.68
3	1.63	1.28	1.03	0.83	1.48	1.58	0.05	2.20	1.11	1.64	0.63	0.89
4	1.59	1.21	1.17	0.76	1.36	1.49	-0.19	1.54	0.86	1.53	0.56	1.21
5	1.50	1.40	1.09	0.92	1.45	1.47	0.04	1.23	0.77	1.37	0.26	1.20
6	1.39	1.33	0.62	0.89	1.97	1.46	0.45	1.26	0.85	1.16	-0.07	0.96
7	1.35	1.02	0.28	0.72	2.09	1.17	0.73	1.24	0.95	0.82	0.37	0.17
8	1.43	1.04	0.38	0.97	2.08	0.59	0.52	1.21	1.14	0.85	1.05	-0.31
9	1.41	1.11	0.66	1.45	2.00	0.04	0.30	1.19	1.22	1.04	1.35	0.02
10	1.85	1.22	0.36	1.09	2.10	-0.36	0.46	---	1.20	1.12	1.44	0.43
11	1.98	1.30	-0.11	0.71	1.53	-0.17	0.77	---	0.94	1.62	1.21	0.67
12	2.05	1.26	0.17	0.51	1.67	-0.18	0.85	1.44	0.53	1.15	1.04	1.06
13	2.06	1.19	0.87	0.36	1.87	0.13	-0.04	1.32	0.58	1.06	0.85	1.29
14	1.99	1.24	0.83	0.24	2.06	0.58	---	1.22	0.94	0.59	0.85	1.42
15	1.86	1.29	0.63	0.13	2.14	0.92	---	1.60	1.20	0.46	0.84	1.42
16	1.70	1.28	0.81	0.36	2.04	1.45	---	1.40	1.24	0.29	0.81	1.03
17	1.54	1.31	0.20	1.04	1.73	1.05	0.00	1.59	1.23	0.02	0.73	1.10
18	1.35	1.44	-0.50	1.19	1.54	0.84	0.14	1.56	1.08	-0.06	0.62	1.12
19	1.29	1.33	---	0.76	1.13	0.62	0.40	1.35	0.93	-0.03	0.60	1.12
20	1.30	0.56	---	0.38	0.72	0.52	0.49	1.47	0.76	0.28	0.76	1.11
21	1.19	0.55	-0.27	0.31	0.66	0.28	0.46	1.51	0.78	0.53	0.54	1.32
22	0.75	0.77	0.19	0.22	0.76	0.24	0.81	1.53	0.77	0.55	0.45	1.71
23	0.25	0.93	0.43	0.14	1.55	0.88	1.05	1.54	0.68	0.44	0.46	1.43
24	0.77	0.75	0.20	0.17	1.71	1.17	1.13	1.55	0.70	0.25	0.51	1.23
25	1.04	0.70	0.18	0.29	1.55	1.32	1.38	1.55	1.56	0.33	0.57	1.27
26	1.11	1.02	0.58	0.61	1.44	1.40	2.00	1.55	2.47	0.43	0.56	1.27
27	1.06	1.92	0.64	0.25	1.53	1.40	1.59	1.54	2.18	0.58	0.65	1.26
28	1.04	2.50	0.79	-0.38	1.57	1.35	1.23	1.52	1.80	0.50	0.75	1.26
29	1.07	2.09	1.61	-0.19	1.60	1.23	1.23	1.49	1.68	0.50	0.88	0.91
30	1.12	1.79	1.81	0.42	---	0.79	2.07	1.45	1.70	0.52	0.86	0.92
31	1.20	---	1.37	0.75	---	0.33	---	1.41	---	0.77	0.80	---
MAX	2.06	2.50	---	1.45	2.14	1.64	---	---	2.47	1.69	1.44	1.71
MIN	0.25	0.55	---	-0.38	0.66	-0.36	---	---	0.53	-0.06	-0.07	-0.31

073802225 BAYOU CONWAY NEAR SORRENTO, LA—Continued

GAGE HEIGHT, OUTSIDE, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.62	1.30	1.41	1.16	1.14	1.74	---	2.76	0.75	1.65	0.95	0.87
2	1.63	1.35	1.10	0.98	1.46	1.64	0.21	2.79	0.97	1.67	0.92	0.71
3	1.63	1.28	1.03	0.82	1.48	1.55	0.20	2.33	1.13	1.62	0.64	0.92
4	1.58	1.20	1.17	0.75	1.36	1.49	---	1.97	0.88	1.51	0.57	1.23
5	1.49	1.39	1.09	0.92	2.06	1.47	---	1.61	0.79	1.35	0.39	1.22
6	1.38	1.33	0.62	0.89	2.44	1.46	0.45	1.23	0.87	1.14	---	0.98
7	1.34	1.02	0.28	0.73	2.06	1.16	0.72	0.95	0.97	0.80	0.38	0.31
8	1.42	1.04	0.40	0.97	1.74	0.58	0.51	0.75	1.15	0.83	1.05	0.20
9	1.41	1.11	0.66	1.45	1.55	0.23	0.30	0.60	1.22	1.00	1.35	0.21
10	1.84	1.22	0.42	1.09	1.80	---	0.47	0.88	1.20	1.10	1.45	0.45
11	1.97	1.29	---	0.71	2.64	---	0.80	1.19	0.92	1.58	1.21	0.69
12	2.04	1.25	0.41	0.50	2.74	---	0.85	1.59	0.51	1.09	1.05	1.08
13	2.05	1.18	0.88	0.36	2.36	0.24	---	2.75	0.56	1.03	0.87	1.31
14	1.98	1.24	0.83	0.24	2.20	0.58	---	2.63	0.92	0.58	0.86	1.45
15	1.86	1.28	0.64	0.21	2.02	0.92	---	2.92	1.17	0.44	0.86	1.59
16	1.70	1.27	0.80	0.45	1.87	1.44	---	2.65	1.21	---	0.82	1.74
17	1.53	1.30	0.39	1.03	1.73	1.04	---	2.56	1.21	0.23	0.74	1.83
18	1.35	1.45	---	1.19	1.54	0.84	---	2.97	1.05	---	0.63	1.73
19	1.29	1.32	---	0.76	1.12	0.62	0.39	3.00	0.90	---	0.62	1.59
20	1.29	0.55	---	0.38	0.72	0.52	0.49	2.87	0.73	0.27	0.77	1.54
21	1.19	0.55	---	0.32	0.66	0.30	0.46	2.75	0.76	0.52	0.56	1.63
22	0.74	0.77	0.34	0.27	0.76	0.22	0.82	2.64	0.74	0.54	0.47	1.74
23	0.27	0.93	0.43	0.23	1.60	0.88	1.05	2.51	0.66	0.43	0.48	1.89
24	0.77	0.75	0.22	0.26	2.64	1.17	1.13	2.38	0.68	0.26	0.53	2.03
25	1.04	0.71	0.38	0.36	2.84	1.32	1.39	2.23	1.55	0.33	0.59	2.05
26	1.11	1.02	0.58	0.60	2.46	1.40	1.99	2.06	2.45	0.43	0.57	1.93
27	1.06	1.89	0.64	0.37	2.13	1.39	1.58	1.84	2.16	0.57	0.67	1.76
28	1.04	2.45	0.79	0.16	1.96	1.34	1.23	1.46	1.80	0.49	0.77	1.42
29	1.07	2.06	1.60	---	1.84	1.23	1.24	1.05	1.67	0.48	0.90	0.94
30	1.12	1.77	1.77	0.49	---	0.79	2.07	0.90	1.69	0.51	0.88	0.95
31	1.20	---	1.35	0.75	---	0.38	---	0.83	---	0.76	0.82	---
MAX	2.05	2.45	---	---	2.84	---	---	3.00	2.45	---	---	2.05
MIN	0.27	0.55	---	---	0.66	---	---	0.60	0.51	---	---	0.20

0738022295 GRAND GOUDINE BAYOU AT STATE HIGHWAY 934 NEAR GONZALES, LA

LOCATION.--Lat 30° 15'43", long 90° 57'48", in sec. 13, T. 9 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on Babin Road (Hwy. 934), 1.3 mi northwest of WSLG radio towers.

DRAINAGE AREA.--Approximately 5.9 mi².

PERIOD OF RECORD.--January 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 1988.

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD: 1998 W.Y.: Minimum recorded gage height, 2.88 ft, May 4, 1998. 1999-2000 W.Y.: Minimum recorded gage height, 2.76 ft, Aug. 20, 1999. 2001-2003 W.Y.: Minimum recorded gage height, 2.65 ft, May 20, 22, 26, 2001.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.42 ft, June 7, 2001; minimum recorded gage height 2.65 ft, May 20, 22, 26, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.84 ft, May 12; minimum gage height, 2.86 ft, Nov. 7, 8.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.97	2.93	3.03	3.08	3.13	3.12	2.99	4.97	2.95	3.09	3.04	3.08
2	2.95	2.92	3.01	3.02	3.14	3.09	3.00	4.53	2.96	3.16	2.97	3.03
3	2.94	2.92	2.98	3.00	3.17	3.06	2.99	3.48	4.09	3.22	2.93	3.04
4	2.94	2.91	2.97	2.99	3.20	3.06	2.96	3.20	3.31	3.13	2.92	3.06
5	2.94	2.89	2.97	3.16	4.23	3.03	2.95	3.11	3.11	3.01	2.93	3.06
6	2.94	2.88	2.97	3.13	5.71	3.33	2.97	3.04	3.06	2.95	2.95	3.00
7	2.95	2.87	2.96	3.08	3.71	3.15	3.18	3.02	3.13	2.93	2.95	2.96
8	2.95	2.87	2.96	3.30	3.24	3.05	3.07	2.99	3.10	3.03	2.95	2.95
9	2.94	2.88	2.97	3.93	3.12	3.01	3.01	2.98	3.02	3.55	2.93	3.00
10	4.85	2.90	2.95	3.31	4.52	3.02	2.98	2.97	2.98	4.00	2.92	2.99
11	3.57	2.91	2.99	3.16	5.79	3.01	3.05	2.98	2.98	4.17	2.92	2.97
12	3.17	2.91	2.99	3.07	5.76	2.97	3.09	4.76	2.99	3.34	2.92	2.97
13	3.04	2.91	3.36	3.02	4.01	2.98	2.98	6.82	2.96	3.16	2.93	2.97
14	2.97	2.91	3.22	3.00	3.78	3.20	2.95	4.77	2.95	3.06	2.96	2.98
15	2.97	2.92	3.13	2.99	3.44	3.82	2.97	4.75	2.98	2.99	2.97	2.97
16	2.96	2.93	3.02	2.99	3.23	3.43	2.96	3.56	2.99	3.01	2.95	2.95
17	2.94	2.95	2.98	3.02	3.14	3.19	2.96	3.87	3.00	2.96	2.98	2.93
18	2.95	3.10	2.97	3.03	3.13	3.08	2.96	5.20	2.97	3.42	2.96	2.91
19	2.94	3.07	2.99	2.99	3.14	3.02	2.95	4.24	2.96	3.25	2.97	2.90
20	2.94	3.01	2.99	2.97	3.08	2.99	2.97	3.47	2.95	3.01	3.01	2.91
21	2.92	2.96	3.01	2.96	3.06	2.98	2.96	3.35	2.92	2.95	3.02	2.93
22	2.92	2.95	3.01	2.96	3.04	2.97	2.96	3.14	2.94	2.92	2.97	2.94
23	2.92	2.94	3.04	2.96	5.57	2.98	2.94	3.09	3.02	3.01	2.95	2.96
24	2.92	2.98	3.05	2.97	6.95	3.00	2.93	3.03	2.97	3.02	2.94	2.96
25	2.92	2.97	3.02	3.00	6.60	3.01	3.22	3.01	4.49	3.05	3.50	2.96
26	2.93	2.97	2.99	2.98	4.29	3.00	3.56	3.03	5.37	3.09	3.17	2.95
27	2.93	4.78	2.97	2.95	3.39	3.02	3.14	3.01	3.95	3.09	3.00	2.93
28	2.94	4.96	2.96	2.98	3.25	2.99	3.03	3.00	3.28	2.97	2.96	2.93
29	2.95	3.38	4.24	3.00	3.19	2.96	2.97	2.98	3.37	2.92	3.03	2.93
30	2.95	3.11	3.58	3.40	---	2.99	4.83	2.97	3.24	3.19	3.22	2.94
31	2.94	---	3.20	3.22	---	3.00	---	2.94	---	3.31	3.18	---
MAX	4.85	4.96	4.24	3.93	6.95	3.82	4.83	6.82	5.37	4.17	3.50	3.08
MIN	2.92	2.87	2.95	2.95	3.04	2.96	2.93	2.94	2.92	2.92	2.92	2.90

0738022395 BLACK BAYOU AT STATE HIGHWAY 621 NEAR PRAIRIEVILLE, LA

LOCATION.--Lat 30° 16'10", long 90° 55'01", in sec. 3, T. 9 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on State Highway 621, 1.7 mi from the intersection of State Highway 61 and State Highway 44 in Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1997 to current year (elevations only).

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

REMARKS.--Lowest recordable stage for the period Oct. 1, 2000 to July 18, 2001, is 0.61 ft. Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.40 ft, June 6, 2001; minimum gage height, -0.47 ft, Jan. 19, 20, 21, 24, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.90 ft, May 12; minimum gage height, -0.29 ft, July 17.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	1.46	0.40	1.05	1.39	1.64	0.08	2.93	0.72	1.69	1.05	0.96
2	1.76	1.48	0.48	0.92	1.77	1.52	0.17	2.41	0.97	1.69	0.97	0.78
3	1.73	1.34	0.82	0.80	1.55	1.47	0.14	1.41	1.22	1.61	0.70	1.07
4	1.63	1.29	1.14	0.77	1.31	1.49	-0.07	0.86	0.77	1.44	0.63	1.41
5	1.50	1.62	0.97	0.91	2.50	1.53	0.21	0.73	0.77	1.24	0.28	1.30
6	1.37	1.30	0.33	0.65	3.26	1.35	0.59	0.57	0.79	1.02	0.01	0.92
7	1.40	1.00	0.22	0.73	1.77	0.73	0.85	0.62	1.02	0.74	0.51	0.11
8	1.51	1.12	0.43	1.12	1.45	0.24	0.53	0.60	1.26	0.82	1.28	-0.17
9	1.51	1.23	0.71	1.57	1.41	-0.08	0.41	0.60	1.32	0.89	1.68	0.16
10	2.83	1.39	0.17	0.72	2.68	---	0.59	0.98	1.27	1.22	1.62	0.58
11	2.23	1.42	-0.09	0.62	3.08	-0.09	0.85	1.35	0.93	1.06	1.20	0.80
12	2.24	1.34	0.33	0.45	2.72	-0.06	0.86	3.15	0.57	0.73	1.06	1.26
13	2.16	1.26	1.09	0.35	1.99	0.26	0.01	3.23	0.67	0.44	0.90	1.57
14	1.94	1.38	0.75	0.21	1.96	0.67	---	2.16	1.04	0.42	0.92	1.70
15	1.63	1.42	0.74	0.13	1.82	1.05	---	3.68	1.29	0.40	0.93	1.51
16	1.42	1.39	0.82	0.50	1.74	0.98	---	2.21	1.31	0.26	0.88	1.31
17	1.27	1.45	0.13	1.17	1.54	0.91	0.07	2.56	1.27	-0.04	0.80	1.52
18	1.15	1.36	---	1.20	1.05	0.85	0.31	2.22	1.12	0.32	0.69	1.71
19	1.27	1.08	---	0.57	0.31	0.65	0.54	2.16	0.96	0.10	0.71	1.66
20	1.30	0.32	---	0.37	0.26	0.59	0.59	2.10	0.79	0.36	0.86	1.68
21	1.11	0.61	-0.05	0.31	0.51	0.30	0.60	2.16	0.77	0.62	0.62	1.90
22	0.51	0.87	0.33	0.25	0.77	0.37	1.01	2.20	0.78	0.58	0.53	2.05
23	0.23	1.06	0.50	0.19	3.90	1.08	1.24	2.21	0.70	0.48	0.56	1.72
24	0.84	0.67	0.19	0.24	2.82	1.36	1.30	2.03	0.74	0.33	0.62	1.61
25	1.16	0.83	0.33	0.39	3.43	1.56	1.92	1.74	2.44	0.41	0.76	1.66
26	1.18	1.19	0.70	0.70	2.13	1.60	2.06	1.29	2.45	0.53	0.67	1.71
27	1.08	3.16	0.74	0.19	1.99	1.54	1.26	0.75	1.69	0.64	0.76	1.54
28	1.12	2.35	0.92	-0.18	1.88	1.47	1.01	0.33	1.56	0.52	0.85	0.78
29	1.14	1.39	2.43	-0.06	1.79	1.22	1.35	0.42	1.63	0.56	1.14	0.66
30	1.24	0.62	1.28	0.71	---	0.71	3.86	0.73	1.69	0.98	1.00	0.96
31	1.33	---	1.15	0.87	---	0.32	---	0.68	---	0.91	0.90	---
MAX	2.83	3.16	---	1.57	3.90	---	---	3.68	2.45	1.69	1.68	2.05
MIN	0.23	0.32	---	-0.18	0.26	---	---	0.33	0.57	-0.04	0.01	-0.17

073802245 BLACK BAYOU EAST OF GONZALES, LA

LOCATION.--Lat 30° 14'25", long 90° 52'38", in sec. 26, T. 9 S., R. 3 E. Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on State Highway 431, approximately 0.2 mi from intersection of Hwy. 431 and Churchpoint Road and approximately 3.0 mi north of Hwy. 61 in Gonzales.

DRAINAGE AREA.--Less than 18.30 sq. mi.

PERIOD OF RECORD.--May 1997 to August 1999; November 1999 to current year.

REVISED RECORDS.--WDR-LA-1998: 1997: Extremes for Period of Record.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to October 1997 datum of gage was 0.65 ft below NGVD of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.46 ft, June 8, 2001; minimum gage height, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.46 ft, May 12, 13; minimum gage height, -1.15 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.78	1.48	0.41	1.06	1.41	1.66	0.12	2.52	0.73	1.69	1.06	0.96
2	1.78	1.50	0.49	0.92	1.79	1.54	0.20	2.23	0.97	1.69	0.97	0.78
3	1.75	1.37	0.83	0.81	1.58	1.49	0.18	1.44	1.09	1.61	0.71	1.07
4	1.65	1.31	1.15	0.78	1.25	1.50	-0.07	0.89	0.77	1.45	0.64	1.41
5	1.52	1.65	0.99	0.88	2.08	1.55	0.26	0.75	0.77	1.24	0.29	1.31
6	1.39	1.33	0.35	0.65	2.58	1.33	0.62	0.58	0.79	1.02	0.03	0.93
7	1.42	1.03	0.24	0.74	1.80	0.77	0.84	0.64	1.02	0.75	0.52	0.12
8	1.53	1.13	0.43	1.05	1.47	0.28	0.57	0.62	1.26	0.82	1.29	-0.21
9	1.53	1.24	0.72	1.35	1.44	-0.27	0.45	0.62	1.36	0.89	1.68	0.16
10	2.19	1.40	0.20	0.73	1.94	-0.41	0.62	0.99	1.29	1.03	1.62	0.58
11	2.24	1.43	-0.11	0.64	2.39	-0.13	0.87	1.36	0.93	1.02	1.20	0.81
12	2.26	1.35	0.34	0.46	2.41	-0.15	0.91	2.04	0.58	0.73	1.07	1.27
13	2.18	1.28	1.04	0.37	1.99	0.30	-0.16	2.77	0.67	0.43	0.92	1.57
14	1.96	1.39	0.77	0.23	1.94	0.69	-0.93	2.12	1.04	0.43	0.93	1.69
15	1.65	1.43	0.74	0.15	1.85	1.05	-0.78	2.85	1.30	0.40	0.94	1.52
16	1.44	1.40	0.84	0.52	1.77	1.01	-0.35	2.22	1.35	0.27	0.89	1.33
17	1.30	1.46	-0.02	1.19	1.57	0.94	0.06	2.20	1.31	-0.03	0.81	1.52
18	1.18	1.35	-0.76	1.23	1.08	0.88	0.33	2.10	1.12	-0.04	0.69	1.71
19	1.30	1.11	-0.88	0.61	0.33	0.68	0.56	2.16	0.97	0.04	0.71	1.66
20	1.33	0.33	-0.70	0.39	0.29	0.62	0.61	2.10	0.80	0.37	0.85	1.68
21	1.14	0.62	-0.17	0.34	0.54	0.35	0.62	2.17	0.77	0.63	0.63	1.90
22	0.54	0.88	0.33	0.27	0.80	0.41	1.03	2.21	0.79	0.59	0.54	2.04
23	0.27	1.07	0.50	0.21	2.14	1.11	1.25	2.22	0.71	0.48	0.56	1.70
24	0.87	0.69	0.19	0.26	2.17	1.38	1.32	2.03	0.74	0.35	0.63	1.61
25	1.18	0.85	0.34	0.41	2.81	1.58	1.65	1.74	1.68	0.41	0.66	1.66
26	1.22	1.19	0.71	0.72	2.17	1.63	1.90	1.30	2.18	0.55	0.66	1.72
27	1.11	2.16	0.75	0.24	2.02	1.57	1.29	0.75	1.68	0.65	0.76	1.54
28	1.15	2.24	0.92	-0.29	1.91	1.50	1.03	0.34	1.56	0.53	0.85	0.78
29	1.16	1.39	1.77	-0.03	1.80	1.26	1.37	0.42	1.62	0.57	1.02	0.67
30	1.26	0.63	1.27	0.56	---	0.75	2.47	0.73	1.69	0.77	0.92	0.96
31	1.35	---	1.16	0.89	---	0.37	---	0.69	---	0.90	0.89	---
MAX	2.26	2.24	1.77	1.35	2.81	1.66	2.47	2.85	2.18	1.69	1.68	2.04
MIN	0.27	0.33	-0.88	-0.29	0.29	-0.41	-0.93	0.34	0.58	-0.04	0.03	-0.21

073802273 BAYOU FRANCOIS AT HIGHWAY 61 NEAR GONZALES, LA

LOCATION.--Lat 30° 13'38", long 90° 53'58", in sec. 27, T. 9 S., R. 33 E. Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge on Highway 61, 1.7 mi from the intersection of Highway 61 and Highway 44 in Gonzales.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--April 1997 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.72 ft, Sept. 12, 1998; minimum gage height, -1.71 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.31 ft, May 12; minimum gage height, -1.31 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.67	1.38	0.29	0.93	1.28	1.51	-0.02	2.13	0.60	1.54	0.91	0.85
2	1.68	1.39	0.38	0.79	1.64	1.39	0.05	1.98	0.83	1.55	0.82	0.64
3	1.64	1.25	0.71	0.68	1.43	1.35	0.03	1.25	0.92	1.47	0.57	0.93
4	1.54	1.20	1.03	0.65	1.05	1.36	-0.22	0.72	0.64	1.30	0.49	1.27
5	1.41	1.54	0.86	0.75	1.92	1.40	0.09	0.59	0.63	1.09	0.15	1.17
6	1.28	1.21	0.23	0.54	2.24	1.17	0.46	0.42	0.66	0.88	-0.12	0.78
7	1.32	0.92	0.11	0.62	1.63	0.62	0.67	0.48	0.89	0.61	0.38	-0.02
8	1.42	1.03	0.32	0.92	1.32	0.13	0.40	0.46	1.13	0.65	1.15	-0.35
9	1.43	1.13	0.60	1.14	1.29	-0.42	0.28	0.46	1.23	0.75	1.54	0.03
10	1.96	1.30	0.06	0.60	1.66	-0.55	0.45	0.84	1.15	0.94	1.47	0.44
11	2.13	1.32	-0.23	0.50	2.14	-0.27	0.71	1.21	0.79	0.96	1.06	0.66
12	2.16	1.23	0.23	0.32	2.26	-0.29	0.73	1.85	0.44	0.59	0.93	1.13
13	2.06	1.16	0.93	0.24	1.84	0.16	-0.34	2.43	0.53	0.29	0.77	1.44
14	1.84	1.27	0.64	0.10	1.77	0.55	-1.10	2.01	0.90	0.29	0.79	1.56
15	1.54	1.31	0.63	0.02	1.69	0.91	-0.94	2.11	1.16	0.26	0.80	1.37
16	1.33	1.28	0.71	0.39	1.62	0.87	-0.52	2.07	1.22	0.13	0.74	1.18
17	1.19	1.35	-0.14	1.06	1.41	0.80	-0.10	2.01	1.17	-0.18	0.67	1.38
18	1.07	1.21	-0.88	1.09	0.92	0.73	0.17	1.93	0.98	-0.20	0.55	1.57
19	1.19	0.97	-1.00	0.46	0.17	0.54	0.40	2.04	0.83	-0.11	0.57	1.52
20	1.22	0.21	-0.81	0.25	0.15	0.47	0.45	1.94	0.66	0.23	0.71	1.54
21	1.03	0.50	-0.28	0.20	0.40	0.20	0.46	2.02	0.63	0.48	0.49	1.77
22	0.43	0.77	0.22	0.14	0.66	0.27	0.87	2.06	0.64	0.45	0.40	1.91
23	0.16	0.95	0.38	0.07	1.56	0.97	1.10	2.06	0.57	0.33	0.42	1.52
24	0.76	0.56	0.08	0.12	1.82	1.25	1.15	1.87	0.60	0.20	0.49	1.47
25	1.07	0.73	0.22	0.27	2.64	1.45	1.43	1.58	1.40	0.26	0.51	1.52
26	1.11	1.09	0.59	0.58	2.04	1.48	1.64	1.14	1.97	0.40	0.51	1.58
27	1.00	1.91	0.63	0.10	1.86	1.43	1.11	0.59	1.54	0.51	0.62	1.39
28	1.04	2.02	0.81	-0.44	1.76	1.36	0.87	0.19	1.42	0.38	0.71	0.64
29	1.05	1.25	1.47	-0.17	1.66	1.11	1.21	0.28	1.48	0.42	0.84	0.53
30	1.16	0.50	1.12	0.39	---	0.60	2.02	0.58	1.54	0.56	0.78	0.82
31	1.24	---	1.03	0.75	---	0.21	---	0.54	---	0.76	0.75	---
MAX	2.16	2.02	1.47	1.14	2.64	1.51	2.02	2.43	1.97	1.55	1.54	1.91
MIN	0.16	0.21	-1.00	-0.44	0.15	-0.55	-1.10	0.19	0.44	-0.20	-0.12	-0.35

073802282 NEW RIVER CANAL NEAR SORRENTO, LA

LOCATION.--Lat 30° 11'21", long 90° 47'10", in sec. 10, T. 10 S., R. 4 E. Ascension Parish, Hydrologic Unit 08070204, located on the inside and outside of pumping station, on gravel road to the Sorrento Gas & Oil Field, 3.6 miles south of Sorrento and 3.4 miles from Hwy. 61.

DRAINAGE AREA.--93.86 sq. mi.

PERIOD OF RECORD.--April 1997 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--INSIDE: Maximum gage height, 4.67 ft, Sept. 13, 1998; minimum gage height, -1.66 ft, Dec. 31, 1997.

OUTSIDE: Maximum gage height, 4.88 ft, June 11, 2001; minimum gage height, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--INSIDE: Maximum gage height, 2.58 ft, May 18; minimum gage height, -1.23 ft, Apr. 14.

OUTSIDE: Maximum gage height, 4.18 ft, May 18; minimum gage height, -1.17 ft, Apr. 14.

GAGE HEIGHT, INSIDE, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.75	1.44	0.38	1.01	1.35	1.60	0.07	1.81	0.70	1.66	1.04	0.95
2	1.75	1.46	0.46	0.88	1.73	1.48	0.15	1.71	0.94	1.66	0.95	0.77
3	1.72	1.32	0.80	0.76	1.52	1.42	0.13	1.10	1.00	1.58	0.69	1.06
4	1.62	1.27	1.12	0.73	1.09	1.43	-0.12	0.56	0.75	1.42	0.62	1.40
5	1.48	1.61	0.96	0.84	1.85	1.48	---	0.42	0.74	1.21	0.27	1.30
6	1.35	1.29	0.32	0.64	2.02	1.27	0.53	0.24	0.77	0.99	0.02	0.92
7	1.39	1.00	0.20	0.70	1.72	0.72	0.85	0.28	0.99	0.72	0.51	0.12
8	1.49	1.10	0.40	0.98	1.40	0.23	---	0.26	1.23	0.76	1.27	-0.22
9	1.49	1.20	0.68	1.20	1.37	-0.31	---	0.24	1.32	0.87	1.67	0.15
10	1.97	1.36	0.19	0.68	1.60	-0.47	---	0.61	1.26	---	1.61	0.57
11	2.19	1.39	-0.14	0.58	1.76	-0.18	---	0.96	0.90	---	1.18	0.79
12	2.23	1.31	0.31	0.41	2.03	-0.20	0.67	1.34	0.55	---	1.06	1.25
13	2.14	1.24	0.99	0.32	1.88	0.24	-0.22	1.63	0.63	0.42	0.91	1.56
14	1.92	1.35	0.74	0.19	1.85	0.63	-1.01	1.60	1.02	0.41	0.92	1.68
15	1.60	1.38	0.68	0.11	1.81	0.95	-0.87	1.48	1.27	0.38	0.93	1.52
16	1.40	1.36	0.82	0.46	1.71	0.95	-0.46	1.76	1.31	0.25	0.87	1.35
17	1.27	1.41	-0.04	1.13	1.51	0.88	-0.06	1.75	1.28	-0.05	0.79	1.51
18	1.14	1.22	-0.78	1.19	1.00	0.82	0.20	1.68	1.09	-0.10	0.68	1.70
19	1.26	1.07	-0.90	0.58	0.26	0.63	0.42	2.05	0.94	0.02	0.70	1.65
20	1.29	0.27	-0.72	0.34	0.24	0.57	0.46	2.00	0.77	0.35	0.84	1.67
21	1.10	0.57	-0.20	0.29	0.49	0.30	0.45	2.11	0.74	0.60	0.62	1.89
22	0.50	0.83	0.29	0.23	0.74	0.36	0.85	2.15	0.75	0.57	0.53	2.04
23	0.23	1.02	0.48	0.16	0.81	1.05	1.05	2.15	0.68	0.45	0.55	1.61
24	0.82	0.66	0.17	0.20	1.06	1.32	1.10	1.97	0.71	0.33	0.61	1.60
25	1.13	0.81	0.30	0.36	2.23	1.51	1.31	1.68	1.28	0.39	0.63	1.65
26	1.18	1.15	0.67	0.67	2.08	1.56	1.53	1.24	1.81	0.53	0.63	1.71
27	1.08	1.71	0.70	0.20	1.95	1.50	1.04	0.70	1.61	0.63	0.74	1.53
28	1.11	1.98	0.88	-0.35	1.83	1.44	0.77	0.29	1.53	0.51	0.83	0.77
29	1.12	1.32	1.38	-0.09	1.72	1.21	1.10	0.37	1.59	0.55	0.95	0.66
30	1.22	0.59	1.17	0.46	---	0.71	1.58	0.67	1.66	0.62	0.90	0.95
31	1.30	---	1.12	0.83	---	0.33	---	0.64	---	0.87	0.88	---
MAX	2.23	1.98	1.38	1.20	2.23	1.60	---	2.15	1.81	---	1.67	2.04
MIN	0.23	0.27	-0.90	-0.35	0.24	-0.47	---	0.24	0.55	---	0.02	-0.22

MISSISSIPPI RIVER DELTA

073802282 NEW RIVER CANAL NEAR SORRENTO, LA—Continued

 GAGE HEIGHT, OUTSIDE, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	1.46	0.39	1.02	1.37	1.61	0.08	2.05	0.73	1.67	1.06	0.95
2	1.76	1.48	0.47	0.89	1.75	1.49	0.15	1.97	0.96	1.67	0.96	0.78
3	1.73	1.34	0.81	0.77	1.54	1.43	0.14	1.37	1.01	1.60	0.70	1.07
4	1.63	1.29	1.13	0.74	1.42	1.44	-0.11	0.85	0.76	1.40	0.63	1.40
5	1.49	1.63	0.98	0.85	1.79	1.49	---	0.72	0.75	1.23	0.28	1.31
6	1.37	1.31	0.33	0.65	2.03	1.28	0.55	0.55	0.78	0.96	0.03	0.92
7	1.40	1.02	0.22	0.71	1.73	0.72	0.79	0.61	1.01	---	0.51	0.13
8	1.50	1.12	0.41	0.99	1.42	0.23	---	0.60	1.24	0.78	1.28	-0.21
9	1.51	1.23	0.70	1.21	1.39	-0.30	---	0.60	1.33	0.89	1.68	0.16
10	1.95	1.38	0.20	0.70	1.62	-0.46	---	0.97	1.27	1.00	1.61	0.58
11	2.19	1.41	-0.13	0.60	2.05	-0.18	---	1.34	0.91	0.99	1.19	0.80
12	2.28	1.33	0.33	0.42	2.05	-0.19	0.69	1.73	0.56	0.74	1.07	1.26
13	2.15	1.26	1.00	0.34	1.90	0.24	-0.19	2.39	0.65	0.43	0.92	1.57
14	1.94	1.37	0.75	0.20	1.87	0.64	-0.96	2.31	1.03	0.42	0.93	1.83
15	1.61	1.41	0.69	0.12	1.83	0.96	-0.82	2.84	1.28	0.39	0.93	2.14
16	1.41	1.39	0.83	0.48	1.73	0.96	-0.39	2.60	1.33	0.27	0.88	2.28
17	1.28	1.44	-0.03	1.15	1.53	0.89	0.01	2.73	1.29	-0.03	0.80	2.12
18	1.16	1.69	-0.77	1.21	1.03	0.83	0.29	3.12	1.11	-0.08	0.69	1.79
19	1.28	1.12	-0.88	0.59	0.28	0.63	0.52	3.03	0.95	0.03	0.70	1.65
20	1.30	0.31	-0.71	0.36	0.26	0.57	0.57	2.98	0.79	0.37	0.84	1.63
21	1.12	0.60	-0.18	0.32	0.51	0.31	0.58	2.78	0.76	0.62	0.62	---
22	0.52	0.86	0.30	0.25	0.76	0.37	0.98	2.54	0.77	0.59	0.53	---
23	0.25	1.05	0.50	0.17	1.67	1.06	1.20	2.26	0.69	0.46	0.56	2.47
24	0.84	0.69	0.18	0.22	2.14	1.33	1.26	2.01	0.72	0.34	0.62	2.49
25	1.15	0.84	0.32	0.38	2.23	1.52	1.48	1.72	1.29	0.40	0.64	2.24
26	1.20	1.17	0.68	0.69	2.10	1.57	1.72	1.28	1.82	0.54	0.64	1.91
27	1.10	1.72	0.72	0.22	1.97	1.51	1.24	0.74	1.62	0.65	0.75	1.52
28	1.13	2.00	0.89	-0.33	1.85	1.45	0.99	0.33	1.55	0.58	0.84	0.76
29	1.14	1.34	1.39	-0.07	1.75	1.22	1.33	0.41	1.62	0.56	0.96	0.65
30	1.24	0.60	1.19	0.48	---	0.71	1.82	0.71	1.67	0.64	0.91	0.94
31	1.33	---	1.13	0.85	---	0.33	---	0.68	---	0.89	0.88	---
MAX	2.28	2.00	1.39	1.21	2.23	1.61	---	3.12	1.82	---	1.68	---
MIN	0.25	0.31	-0.88	-0.33	0.26	-0.46	---	0.33	0.56	---	0.03	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA

LOCATION.--Lat 30° 09'59", long 89° 43'03", sec. 37, T. 10 S., R. 15 E., St. Tammany Parish, Hydrologic Unit 08090201, on the east side of U.S. Coast Guard Navigational Aid No. 4 structure, located on the north side of Bayou Rigolets and 0.8 miles east of U.S. Hwy 90 bridge over Bayou Rigolets and 9.0 mi. southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to September 1998. April 1999 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 6.38 ft, Sept. 26, 2002; minimum recorded gage height, -4.91 ft, Aug. 26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.86 ft, Sept. 23; minimum gage height, -1.18 ft, Feb. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.99	1.17	1.64	1.71	0.82	1.33	0.46	-0.03	0.25	1.09	0.24	0.70
2	1.97	0.93	1.57	1.53	0.80	1.24	0.60	0.28	0.43	1.08	0.12	0.66
3	2.04	0.97	1.55	1.40	0.81	1.13	1.34	0.59	0.96	1.15	-0.04	0.60
4	1.86	0.87	1.49	2.04	1.00	1.61	1.35	0.69	1.08	1.32	0.06	0.70
5	1.70	0.71	1.31	2.24	1.23	1.62	1.34	0.44	0.73	1.32	0.00	0.64
6	1.66	0.74	1.30	1.52	0.65	1.06	0.57	-0.29	0.15	0.98	-0.03	0.42
7	1.76	0.91	1.44	1.28	0.73	1.05	0.68	-0.44	0.12	0.91	0.20	0.60
8	1.67	1.19	1.46	1.41	0.83	1.13	1.02	-0.31	0.35	1.31	0.11	0.67
9	1.81	1.29	1.61	1.39	0.83	1.14	1.83	0.23	0.89	1.54	0.10	0.79
10	2.32	1.50	1.89	1.58	0.99	1.31	1.97	-0.74	0.31	1.00	-0.14	0.42
11	2.52	2.32	2.44	1.67	0.68	1.21	0.46	-0.52	-0.01	0.88	-0.09	0.39
12	2.53	1.67	2.06	1.74	0.59	1.17	0.92	0.08	0.50	0.64	-0.12	0.29
13	2.25	1.38	1.79	1.58	0.52	1.04	1.43	0.92	1.21	0.64	0.00	0.36
14	2.00	0.63	1.29	1.65	0.75	1.26	1.45	-0.03	0.66	0.60	0.06	0.31
15	1.60	0.83	1.17	1.65	0.68	1.24	0.98	0.32	0.69	0.63	-0.21	0.20
16	1.46	0.75	1.14	1.77	0.77	1.34	1.15	0.22	0.67	1.17	-0.14	0.53
17	1.56	0.57	1.10	1.68	1.00	1.43	0.22	-0.49	-0.27	1.80	0.45	1.11
18	1.51	0.81	1.19	2.52	1.30	1.77	-0.09	-0.93	-0.56	1.67	0.36	1.08
19	1.69	0.84	1.34	1.40	-0.41	0.23	-0.18	-1.17	-0.63	1.30	-0.53	0.23
20	1.64	0.76	1.30	0.70	0.13	0.37	0.30	-1.06	-0.40	0.73	-0.32	0.23
21	1.37	0.51	1.05	1.00	-0.01	0.49	0.79	-0.64	0.01	0.74	-0.43	0.18
22	0.74	0.17	0.46	1.36	-0.06	0.64	0.99	-0.36	0.32	0.82	-0.45	0.16
23	1.03	0.34	0.69	1.89	0.39	1.05	1.12	0.03	0.61	0.67	-0.38	0.17
24	1.22	0.61	0.96	2.37	-0.10	0.78	0.79	-0.63	0.05	0.65	-0.33	0.23
25	1.55	0.52	1.06	1.26	0.09	0.81	0.85	-0.08	0.43	0.97	0.11	0.71
26	1.71	0.64	1.20	1.49	0.43	1.03	1.03	-0.03	0.51	1.02	0.57	0.87
27	1.58	0.51	1.08	1.93	0.66	1.39	1.05	0.05	0.66	1.02	-0.39	0.08
28	1.65	0.57	1.20	2.40	-0.25	0.82	1.30	0.46	0.93	0.15	-0.71	-0.25
29	1.73	0.40	1.09	0.66	-0.39	0.14	1.55	0.38	1.12	0.60	-0.56	-0.04
30	1.66	0.44	1.13	0.51	-0.37	0.12	1.05	0.14	0.69	0.88	-0.02	0.45
31	1.64	0.80	1.26	---	---	---	1.10	0.79	0.94	1.62	0.19	0.83
MONTH	2.53	0.17	1.33	2.52	-0.41	1.03	1.97	-1.17	0.43	1.80	-0.71	0.46

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.30	1.31	1.74	1.77	0.45	1.29	0.54	0.01	0.31	1.40	0.81	1.14
2	2.40	1.17	1.70	1.72	0.32	1.11	0.39	-0.38	0.06	1.11	0.31	0.76
3	1.88	0.10	0.76	1.76	0.51	1.18	0.44	-0.06	0.16	1.09	-0.05	0.64
4	1.77	0.52	0.89	1.91	0.66	1.38	0.39	-0.26	0.06	1.10	-0.05	0.61
5	2.14	0.99	1.47	1.93	0.53	1.31	0.87	-0.26	0.39	0.94	-0.06	0.49
6	2.00	0.36	1.03	1.79	0.08	0.86	0.88	0.03	0.53	1.01	-0.22	0.47
7	1.00	-0.58	0.02	1.13	-0.21	0.36	1.14	0.01	0.77	1.05	-0.23	0.49
8	0.50	-0.45	0.05	0.45	-0.28	0.24	1.01	0.08	0.54	1.11	-0.20	0.52
9	0.79	0.13	0.52	0.31	-0.98	-0.30	1.17	-0.22	0.55	1.25	-0.12	0.64
10	0.89	0.31	0.65	0.58	-0.98	-0.06	1.14	-0.09	0.58	1.63	0.27	0.98
11	1.49	0.49	0.98	0.57	-0.62	0.04	1.66	-0.38	0.80	1.81	0.73	1.28
12	1.31	0.51	0.87	0.77	-0.65	0.10	1.59	0.39	1.01	2.25	1.00	1.51
13	1.20	0.36	0.74	1.21	-0.48	0.43	0.90	-0.81	-0.30	2.05	1.29	1.68
14	2.17	0.33	1.05	1.37	-0.17	0.71	-0.16	-1.17	-0.63	2.14	1.74	1.96
15	1.27	-1.18	-0.08	1.51	-0.02	0.85	-0.03	-0.91	-0.47	2.22	1.30	1.95
16	0.72	-0.60	0.06	1.50	-0.16	0.78	0.13	-0.61	-0.18	1.90	1.23	1.65
17	0.81	-0.74	0.14	1.35	0.22	0.92	0.27	-0.18	0.06	2.01	1.20	1.74
18	0.80	-0.65	-0.03	1.14	0.08	0.63	0.49	0.09	0.30	2.20	1.15	1.71
19	0.73	-0.81	0.00	1.02	0.14	0.55	0.87	0.05	0.56	1.94	1.11	1.57
20	0.96	-0.31	0.46	0.92	0.29	0.58	0.89	0.05	0.51	1.79	0.94	1.40
21	1.06	-0.11	0.55	0.78	-0.07	0.31	1.27	0.11	0.82	1.63	0.73	1.22
22	1.05	0.62	0.85	0.95	0.15	0.56	1.52	0.50	1.11	1.68	0.59	1.20
23	2.21	0.68	1.26	1.31	0.18	0.91	1.44	0.61	1.06	1.81	0.74	1.30
24	2.23	1.36	1.83	1.44	0.65	1.08	1.63	0.50	1.10	1.62	0.75	1.23
25	2.01	0.69	1.44	1.68	0.87	1.25	1.91	0.66	1.25	1.42	0.57	1.04
26	1.60	0.43	1.06	1.60	0.50	1.11	1.42	0.82	1.13	1.13	0.30	0.73
27	1.07	0.06	0.56	1.53	0.53	1.07	1.25	0.33	0.78	0.77	0.09	0.46
28	1.27	-0.04	0.63	1.52	0.64	1.13	1.35	0.20	0.80	0.74	-0.12	0.37
29	1.69	0.14	0.96	1.41	0.40	0.89	1.77	0.69	1.20	0.67	0.13	0.47
30	---	---	---	1.23	0.05	0.62	1.61	1.05	1.31	1.14	0.45	0.80
31	---	---	---	0.63	-0.21	0.12	---	---	---	0.90	0.17	0.61
MONTH	2.40	-1.18	0.76	1.93	-0.98	0.71	1.91	-1.17	0.54	2.25	-0.23	1.05
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.33	0.28	0.83	1.66	0.48	1.16	1.51	0.41	1.04	1.04	0.64	0.88
2	1.40	0.03	0.84	1.68	0.49	1.17	1.32	0.35	0.83	1.09	0.66	0.86
3	1.33	-0.02	0.65	1.73	0.51	1.13	1.12	0.15	0.72	1.42	0.96	1.17
4	1.12	-0.25	0.52	1.46	0.41	1.00	0.95	0.33	0.67	1.64	0.85	1.27
5	1.45	-0.28	0.61	1.58	0.42	0.94	0.51	-0.10	0.24	1.51	0.48	1.08
6	1.37	-0.04	0.66	1.60	0.40	0.79	0.54	-0.14	0.31	1.15	-0.01	0.62
7	1.45	0.17	0.86	1.25	0.24	0.66	1.28	0.25	0.87	0.54	-0.57	0.07
8	1.42	0.47	0.97	1.11	0.40	0.69	1.96	1.26	1.73	0.55	-0.45	0.10
9	1.29	0.58	0.98	1.24	0.55	0.83	2.05	1.10	1.70	0.87	-0.37	0.44
10	1.20	0.77	0.99	1.14	0.47	0.86	1.78	0.39	1.22	1.05	0.21	0.71
11	1.12	0.24	0.79	1.22	0.33	0.86	1.43	0.32	1.01	---	---	---
12	0.86	0.34	0.66	0.95	-0.13	0.56	1.39	0.29	0.95	---	---	---
13	1.07	0.32	0.75	0.91	-0.13	0.49	1.42	0.23	0.89	---	---	---
14	1.58	0.37	1.19	1.00	-0.04	0.48	1.32	0.32	0.85	---	---	---
15	1.78	0.62	1.39	0.97	-0.08	0.51	1.34	0.33	0.85	---	---	---
16	1.71	0.62	1.25	0.94	-0.24	0.35	1.29	0.37	0.81	---	---	---
17	1.55	0.57	1.12	0.72	-0.20	0.28	1.17	0.24	0.74	---	---	---
18	1.46	0.46	0.98	0.59	-0.36	0.08	0.96	0.36	0.69	---	---	---
19	1.38	0.22	0.84	0.96	-0.50	0.34	1.01	0.44	0.75	---	---	---
20	1.34	0.13	0.76	0.99	-0.16	0.50	1.08	0.55	0.84	---	---	---
21	1.51	0.16	0.79	1.06	0.16	0.64	1.09	0.05	0.60	---	---	---
22	1.35	0.29	0.78	0.87	0.22	0.57	1.04	0.06	0.57	---	---	---
23	1.01	0.23	0.65	0.63	0.15	0.45	1.11	0.01	0.61	2.86	1.79	2.45
24	1.69	0.21	0.74	0.80	0.20	0.52	1.10	0.05	0.64	2.36	1.14	1.94
25	1.24	0.25	0.66	0.79	0.35	0.59	1.08	-0.05	0.64	2.04	0.93	1.57
26	1.06	0.18	0.58	---	---	---	1.10	0.07	0.66	1.70	0.74	1.30
27	1.02	0.28	0.68	---	---	---	1.27	0.08	0.82	1.12	0.26	0.79
28	1.33	0.30	0.89	1.14	-0.10	0.60	1.34	0.21	0.88	0.95	0.23	0.62
29	1.51	0.39	1.07	1.19	-0.07	0.65	1.36	0.33	0.92	0.93	0.34	0.74
30	1.54	0.51	1.08	1.33	-0.10	0.76	1.24	0.37	0.86	1.23	0.65	0.91
31	---	---	---	1.48	0.32	1.00	1.20	0.47	0.85	---	---	---
MONTH	1.78	-0.28	0.85	---	---	---	2.05	-0.14	0.83	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- July 1992 to September 1998. April 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to September 1998. April 1999 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: July 1992 to September 1998. April 1999 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 1-15 when records good.

SALINITY: Records excellent except for Oct. 1-15 when records good.

WATER TEMPERATURE: Records excellent except for Oct. 1-Sept. 10 when records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens/cm, Sept. 7, 2000, but may have been higher during Hurricane Ivan; minimum recorded, 156 microsiemens/cm, Mar. 16, 1998.

SALINITY: Maximum, 20.7 ppt, Sept. 23, 2004, but may have been higher during Hurricane Ivan; minimum, 0.1 ppt, Mar. 4, 2003.

WATER TEMPERATURE: Maximum, 33.6° C, Aug. 19, 1995; minimum, 3.6° C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 33,200 microsiemens/cm, Sept. 23; minimum, 595 microsiemens/cm, July 11.

SALINITY: Maximum, 20.7 ppt, Sept. 23; minimum, 0.3 ppt, Feb. 23, July 11.

WATER TEMPERATURE: Maximum, 31.8° C, July 15; minimum, 9.6° C, Dec. 20.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13,700	12,500	13,000	17,100	14,200	15,800	9,850	7,790	9,360	16,000	13,400	14,600
2	13,700	12,500	13,000	15,900	14,400	15,200	9,720	7,500	8,810	15,700	12,400	13,900
3	13,700	12,200	12,900	14,800	13,400	14,100	10,800	8,190	10,200	14,700	11,800	13,100
4	13,200	12,100	12,600	19,600	13,100	15,400	13,500	10,300	11,200	15,000	11,900	13,200
5	12,600	11,500	12,000	22,200	14,600	18,100	12,900	9,560	10,500	17,400	11,900	13,800
6	12,100	11,100	11,600	14,600	11,100	12,600	10,000	8,980	9,690	14,500	10,700	12,200
7	12,800	11,300	11,900	12,200	11,300	11,700	9,920	6,320	8,920	13,800	9,860	12,100
8	12,200	11,900	12,100	14,100	11,600	12,500	8,310	5,610	7,180	12,400	10,200	11,700
9	13,800	11,700	12,300	13,400	11,900	12,800	10,300	6,140	8,570	15,800	10,100	12,500
10	16,400	12,600	14,200	14,800	12,700	14,000	11,500	8,070	9,440	11,500	10,100	11,100
11	20,600	14,700	19,000	14,800	12,400	13,600	9,710	7,380	9,470	10,600	8,860	9,950
12	18,400	13,900	16,300	15,000	11,900	13,500	9,820	6,950	8,470	10,100	9,380	9,810
13	15,300	11,700	13,700	15,300	11,900	13,100	18,400	8,600	14,200	9,640	7,430	8,910
14	12,000	10,500	11,500	16,600	11,900	14,800	14,800	10,100	11,900	9,470	6,430	8,870
15	10,900	9,860	10,400	15,900	13,000	14,800	13,500	9,280	11,300	12,100	7,200	8,890
16	10,400	9,360	9,850	16,800	13,500	15,100	14,900	10,200	12,000	16,400	8,630	10,500
17	10,600	8,970	9,770	18,000	13,800	16,200	10,400	9,360	9,830	18,900	13,000	16,100
18	10,200	8,900	9,590	21,400	15,900	18,600	9,670	8,650	9,510	19,000	13,600	15,000
19	11,300	9,150	10,200	16,400	9,570	12,600	9,670	7,780	9,140	14,100	9,620	11,400
20	10,900	9,610	10,200	11,700	9,170	9,990	9,240	7,590	8,450	10,300	8,430	9,700
21	9,790	9,100	9,410	11,500	10,000	10,800	11,200	8,330	9,550	9,750	8,390	9,140
22	9,170	7,400	8,390	13,200	10,800	11,700	15,700	11,200	12,300	9,600	7,890	8,840
23	9,700	5,930	7,790	17,400	13,200	14,400	19,400	12,700	14,600	9,320	7,680	8,650
24	11,800	8,630	10,000	16,600	11,100	13,500	13,700	10,400	11,900	9,120	6,790	7,990
25	11,700	10,000	10,600	16,900	11,100	14,400	16,600	10,400	14,000	9,760	6,700	8,080
26	15,400	10,800	12,000	19,900	14,400	16,800	17,700	13,700	15,100	11,000	8,580	9,860
27	14,300	10,600	12,000	23,200	15,500	18,400	17,100	14,300	15,300	9,990	8,400	8,830
28	15,300	11,100	13,100	16,900	11,500	14,400	20,200	14,200	16,900	8,980	7,310	8,500
29	15,200	10,900	13,200	11,500	9,850	10,500	21,700	16,100	19,000	8,410	5,620	7,320
30	15,300	11,800	13,800	10,400	8,570	9,670	16,600	14,300	15,100	9,000	5,800	7,140
31	16,000	12,600	14,800	---	---	---	17,500	15,200	16,000	12,800	7,160	9,080
MONTH	20,600	5,930	12,000	23,200	8,570	14,000	21,700	5,610	11,500	19,000	5,620	10,700

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	23,000	12,500	17,300	2,390	954	1,950	5,340	4,830	5,070	8,580	6,940	7,770
2	28,100	15,000	20,000	3,260	1,220	2,030	5,220	4,920	5,090	7,300	6,650	6,900
3	15,000	9,840	12,000	3,290	1,220	2,120	5,130	4,640	4,900	7,140	6,840	6,920
4	11,600	9,030	10,500	2,150	1,090	1,630	5,350	5,120	5,250	7,060	4,520	5,960
5	20,100	11,600	15,400	2,470	1,080	1,620	6,000	4,950	5,330	6,880	4,810	6,200
6	15,300	10,200	12,300	4,780	2,350	3,650	5,560	5,120	5,250	6,960	4,220	5,860
7	10,700	9,010	9,690	5,040	4,760	4,890	5,770	5,330	5,530	6,770	4,310	5,470
8	9,450	7,370	8,300	5,020	4,710	4,890	5,700	5,190	5,390	6,570	4,360	5,390
9	7,970	5,400	7,140	5,300	5,010	5,140	5,820	5,140	5,290	6,260	4,600	5,340
10	8,310	6,630	7,540	5,220	2,990	4,090	6,340	5,260	5,610	7,810	5,360	6,040
11	8,460	2,970	6,150	3,880	2,370	3,280	8,850	5,690	6,520	8,250	5,650	7,230
12	8,380	4,780	6,920	4,220	2,190	3,200	9,560	7,220	8,470	9,880	6,830	8,120
13	8,520	7,750	8,310	4,050	2,360	2,990	7,220	5,830	6,510	8,910	7,410	8,210
14	8,360	5,040	7,160	4,900	3,090	4,070	6,440	5,950	6,130	8,280	6,550	7,590
15	8,290	6,350	7,860	6,520	2,920	4,600	6,120	4,320	5,440	8,290	6,590	7,580
16	8,070	2,990	7,330	6,600	3,100	4,650	6,100	5,460	5,800	7,410	6,120	7,070
17	7,530	2,690	5,460	4,880	3,250	4,220	6,600	5,680	6,320	7,120	5,200	6,480
18	7,990	4,430	6,100	4,330	2,820	3,940	8,740	6,020	7,480	6,750	5,610	6,160
19	7,990	2,610	6,550	4,190	2,430	3,580	12,700	7,600	9,290	6,200	4,820	5,630
20	3,530	1,040	2,570	4,110	2,420	3,440	10,500	8,440	9,110	5,830	4,520	5,500
21	2,890	1,320	2,200	4,510	3,940	4,250	14,100	8,240	10,100	5,800	4,150	5,470
22	1,810	859	1,410	4,440	2,590	3,550	16,900	9,940	12,600	5,660	2,790	4,640
23	1,850	683	1,080	6,390	2,760	4,070	16,200	11,700	13,400	5,290	2,220	4,090
24	2,410	754	1,700	9,120	4,360	5,580	18,500	12,300	14,000	5,120	2,670	4,130
25	2,530	1,100	2,100	10,100	6,050	7,490	17,400	13,000	14,500	5,320	3,540	4,730
26	4,920	2,530	4,300	9,180	6,860	7,720	15,400	9,520	11,600	5,560	4,350	5,220
27	6,120	4,820	5,630	8,200	6,360	7,400	9,520	6,310	7,370	5,590	3,420	5,250
28	6,390	1,780	4,820	8,250	6,880	7,570	7,560	5,970	6,740	5,780	3,750	5,080
29	4,220	1,550	2,930	7,970	5,180	6,010	9,740	6,580	8,320	5,110	2,880	4,350
30	---	---	---	5,270	4,980	5,150	10,800	8,440	9,380	6,460	2,880	4,160
31	---	---	---	5,320	5,020	5,160	---	---	---	5,600	4,570	5,000
MONTH	28,100	683	7,270	10,100	954	4,320	18,500	4,320	7,730	9,880	2,220	5,920
JUNE			JULY			AUGUST			SEPTEMBER			
1	5,060	3,920	4,740	3,530	1,290	2,490	15,100	11,200	12,400	13,400	12,800	13,100
2	5,170	4,390	4,910	3,520	1,140	2,580	12,400	9,380	10,700	12,900	11,400	12,000
3	5,070	4,210	4,790	3,590	1,070	2,650	11,000	8,100	9,140	15,900	12,400	13,500
4	5,120	3,910	4,640	3,870	989	2,700	9,970	8,380	8,890	20,800	13,500	17,000
5	5,100	3,730	4,600	3,910	1,260	2,710	8,660	6,240	7,240	18,400	12,200	14,600
6	5,180	3,600	4,410	3,990	2,400	3,550	7,000	6,020	6,490	12,500	9,440	11,500
7	4,620	2,540	4,000	4,340	3,450	4,010	15,600	6,280	10,300	9,460	7,000	7,970
8	4,250	2,950	3,760	4,220	2,010	3,720	24,900	15,600	20,000	8,140	6,020	7,200
9	4,210	2,280	3,430	4,120	812	2,320	26,100	19,500	22,300	12,000	7,130	9,130
10	4,120	2,830	3,710	3,540	1,150	1,970	19,500	10,500	15,500	13,800	9,770	11,300
11	4,780	4,030	4,510	4,040	595	2,330	14,400	9,760	11,500	---	---	---
12	4,600	3,320	3,890	4,330	3,360	4,100	12,800	9,100	10,400	---	---	---
13	4,190	2,200	3,430	4,690	2,260	3,560	13,100	7,910	10,400	---	---	---
14	11,400	3,180	6,180	4,500	1,330	2,910	12,900	9,160	10,800	---	---	---
15	9,040	6,010	7,470	4,390	982	2,470	12,900	9,010	10,800	---	---	---
16	8,050	5,920	6,910	4,850	1,470	2,960	11,700	8,850	10,300	---	---	---
17	7,590	5,880	6,790	4,770	3,010	4,360	10,700	8,910	9,790	---	---	---
18	6,800	5,660	6,140	4,920	2,860	4,090	10,200	8,540	9,250	---	---	---
19	5,980	4,420	5,240	4,490	1,770	3,190	9,520	8,570	9,110	---	---	---
20	5,600	4,140	4,880	3,100	2,190	2,640	10,100	8,850	9,360	---	---	---
21	5,280	4,230	4,740	3,260	2,580	2,910	9,030	8,700	8,920	---	---	---
22	4,970	4,260	4,550	3,260	2,680	2,970	8,860	8,260	8,590	---	---	---
23	4,650	3,310	4,080	3,930	2,900	3,250	10,400	8,260	9,000	33,200	25,100	28,400
24	4,460	3,150	3,870	4,040	2,630	3,330	11,800	8,500	9,790	27,000	19,400	23,900
25	4,100	3,290	3,830	4,720	2,640	3,730	12,100	8,780	10,200	20,800	16,400	17,900
26	4,200	3,720	3,890	---	---	---	12,500	8,760	10,400	17,200	14,400	15,200
27	3,810	2,560	3,260	---	---	---	15,600	9,810	11,900	14,400	10,400	11,800
28	3,780	2,280	3,040	10,300	4,300	6,630	16,600	11,700	13,400	11,400	9,410	10,200
29	3,630	1,880	2,770	11,500	5,030	7,410	15,700	12,800	14,100	13,600	10,300	11,100
30	3,400	1,620	2,570	13,200	5,940	8,700	15,100	11,800	13,400	13,800	12,500	13,100
31	---	---	---	15,100	9,650	11,300	13,800	12,200	13,100	---	---	---
MONTH	11,400	1,620	4,500	---	---	---	26,100	6,020	11,200	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.9	7.2	7.5	10.1	8.2	9.2	5.5	4.3	5.2	9.3	7.7	8.5
2	7.9	7.2	7.5	9.3	8.3	8.8	5.5	4.1	4.9	9.1	7.1	8.0
3	7.9	7.0	7.4	8.6	7.7	8.2	6.1	4.5	5.7	8.6	6.7	7.5
4	7.6	6.9	7.2	11.7	7.5	9.0	7.8	5.8	6.4	8.7	6.8	7.6
5	7.2	6.5	6.8	13.3	8.5	10.7	7.4	5.4	6.0	10.2	6.8	8.0
6	6.9	6.3	6.6	8.5	6.3	7.2	5.6	5.0	5.4	8.4	6.1	7.0
7	7.4	6.4	6.8	7.0	6.4	6.7	5.6	3.4	5.0	7.9	5.5	6.9
8	7.0	6.8	6.9	8.1	6.6	7.2	4.6	3.0	3.9	7.1	5.8	6.7
9	7.9	6.6	7.1	7.7	6.8	7.3	5.8	3.3	4.8	9.2	5.7	7.1
10	9.6	7.2	8.2	8.6	7.3	8.1	6.5	4.5	5.3	6.5	5.7	6.3
11	12.3	8.6	11.2	8.6	7.1	7.8	5.4	4.1	5.3	6.0	4.9	5.6
12	10.9	8.0	9.6	8.7	6.8	7.8	5.5	3.8	4.7	5.7	5.2	5.5
13	8.9	6.6	7.9	8.9	6.8	7.6	10.9	4.8	8.2	5.4	4.1	5.0
14	6.8	6.0	6.5	9.7	6.8	8.6	8.6	5.7	6.8	5.3	3.5	4.9
15	6.2	5.5	5.9	9.3	7.5	8.6	7.8	5.2	6.4	6.9	4.0	5.0
16	5.9	5.2	5.5	9.9	7.8	8.8	8.7	5.8	6.9	9.6	4.8	5.9
17	6.0	5.0	5.5	10.6	7.9	9.5	5.9	5.2	5.5	11.2	7.5	9.4
18	5.8	5.0	5.4	12.9	9.3	11.0	5.4	4.8	5.3	11.3	7.8	8.7
19	6.4	5.1	5.8	9.6	5.4	7.2	5.4	4.3	5.1	8.1	5.4	6.5
20	6.2	5.4	5.8	6.6	5.1	5.6	5.2	4.2	4.7	5.8	4.7	5.4
21	5.5	5.1	5.3	6.5	5.6	6.1	6.3	4.6	5.4	5.5	4.7	5.1
22	5.1	4.1	4.7	7.6	6.1	6.7	9.1	6.3	7.1	5.4	4.4	4.9
23	5.4	3.2	4.3	10.2	7.6	8.3	11.5	7.3	8.5	5.2	4.2	4.8
24	6.7	4.8	5.6	9.7	6.3	7.8	7.9	5.9	6.8	5.1	3.7	4.4
25	6.6	5.6	6.0	9.9	6.3	8.3	9.7	5.9	8.1	5.5	3.7	4.5
26	9.0	6.1	6.9	11.8	8.3	9.8	10.4	7.9	8.8	6.2	4.8	5.5
27	8.3	6.0	6.9	14.0	9.0	10.9	10.1	8.3	8.9	5.6	4.7	4.9
28	8.9	6.3	7.5	9.9	6.5	8.4	12.0	8.2	10	5.0	4.0	4.7
29	8.9	6.2	7.6	6.5	5.5	6.0	13.0	9.4	11.3	4.7	3.0	4.0
30	8.9	6.7	8.0	5.9	4.8	5.4	9.7	8.3	8.8	5.0	3.1	3.9
31	9.3	7.2	8.6	---	---	---	10.3	8.9	9.3	7.4	3.9	5.1
MONTH	12.3	3.2	6.9	14.0	4.8	8.1	13.0	3.0	6.6	11.3	3.0	6.0
FEBRUARY			MARCH			APRIL			MAY			
1	13.9	7.2	10.2	1.2	0.5	1.0	2.9	2.6	2.7	4.8	3.8	4.3
2	17.3	8.7	11.9	1.7	0.6	1.0	2.8	2.6	2.7	4.0	3.6	3.8
3	8.7	5.5	6.9	1.7	0.6	1.1	2.8	2.5	2.6	3.9	3.7	3.8
4	6.6	5.0	5.9	1.1	0.5	0.8	2.9	2.7	2.8	3.9	2.4	3.2
5	12.0	6.6	9.0	1.3	0.5	0.8	3.3	2.6	2.9	3.8	2.6	3.4
6	8.9	5.8	7.1	2.6	1.2	1.9	3.0	2.7	2.8	3.8	2.2	3.2
7	6.1	5.0	5.4	2.7	2.5	2.6	3.1	2.9	3.0	3.7	2.3	3.0
8	5.3	4.1	4.6	2.7	2.5	2.6	3.1	2.8	2.9	3.6	2.3	2.9
9	4.4	2.9	3.9	2.8	2.7	2.8	3.1	2.8	2.8	3.4	2.5	2.9
10	4.6	3.6	4.2	2.8	1.6	2.2	3.4	2.8	3.0	4.3	2.9	3.3
11	4.7	1.5	3.4	2.0	1.2	1.7	4.9	3.1	3.6	4.6	3.0	4.0
12	4.6	2.6	3.8	2.2	1.1	1.7	5.4	4.0	4.7	5.5	3.7	4.5
13	4.7	4.3	4.6	2.1	1.2	1.6	4.0	3.2	3.5	5.0	4.1	4.5
14	4.6	2.7	3.9	2.6	1.6	2.2	3.5	3.2	3.3	4.6	3.6	4.2
15	4.6	3.5	4.3	3.6	1.5	2.5	3.3	2.3	2.9	4.6	3.6	4.2
16	4.5	1.6	4.0	3.6	1.6	2.5	3.3	2.9	3.1	4.1	3.3	3.9
17	4.1	1.4	2.9	2.6	1.7	2.2	3.6	3.1	3.4	3.9	2.8	3.5
18	4.4	2.4	3.3	2.3	1.5	2.1	4.9	3.3	4.1	3.7	3.0	3.3
19	4.4	1.3	3.6	2.2	1.2	1.9	7.3	4.2	5.2	3.4	2.6	3.0
20	1.8	0.5	1.3	2.2	1.2	1.8	6.0	4.7	5.1	3.2	2.4	3.0
21	1.5	0.7	1.1	2.4	2.1	2.3	8.1	4.6	5.7	3.1	2.2	2.9
22	0.9	0.4	0.7	2.4	1.3	1.9	9.9	5.6	7.2	3.1	1.4	2.5
23	0.9	0.3	0.5	3.5	1.4	2.2	9.4	6.6	7.7	2.8	1.1	2.2
24	1.2	0.4	0.9	5.1	2.3	3.0	10.9	7.0	8.1	2.7	1.4	2.2
25	1.3	0.5	1.1	5.7	3.3	4.1	10.2	7.5	8.4	2.9	1.9	2.5
26	2.6	1.3	2.3	5.1	3.8	4.3	9.0	5.3	6.6	3.0	2.3	2.8
27	3.3	2.6	3.0	4.5	3.5	4.1	5.3	3.4	4.1	3.0	1.8	2.8
28	3.5	0.9	2.6	4.6	3.8	4.2	4.2	3.2	3.7	3.1	2.0	2.7
29	2.2	0.8	1.5	4.4	2.8	3.3	5.5	3.6	4.6	2.7	1.5	2.3
30	---	---	---	2.8	2.7	2.8	6.1	4.7	5.3	3.5	1.5	2.2
31	---	---	---	2.9	2.7	2.8	---	---	---	3.0	2.4	2.7
MONTH	17.3	0.3	4.1	5.7	0.5	2.3	10.9	2.3	4.3	5.5	1.1	3.2

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.7	2.1	2.5	1.8	0.6	1.3	8.8	6.3	7.1	7.7	7.4	7.5
2	2.8	2.3	2.6	1.8	0.6	1.3	7.1	5.2	6.1	7.4	6.5	6.9
3	2.7	2.2	2.6	1.9	0.5	1.4	6.2	4.5	5.1	9.3	7.1	7.8
4	2.7	2.1	2.5	2.0	0.5	1.4	5.6	4.6	5.0	12.4	7.8	10
5	2.7	2.0	2.5	2.1	0.6	1.4	4.8	3.4	4.0	10.9	7.0	8.5
6	2.8	1.9	2.3	2.1	1.2	1.9	3.8	3.3	3.5	7.2	5.3	6.6
7	2.5	1.3	2.1	2.3	1.8	2.1	9.1	3.4	5.9	5.3	3.8	4.4
8	2.3	1.5	2.0	2.2	1.0	2.0	15.1	9.1	12.0	4.5	3.3	4.0
9	2.2	1.2	1.8	2.2	0.4	1.2	15.9	11.6	13.4	6.8	3.9	5.1
10	2.2	1.5	2.0	1.9	0.6	1.0	11.6	6.0	9.0	7.9	5.5	6.4
11	2.6	2.1	2.4	2.1	0.3	1.2	8.3	5.5	6.6	---	---	---
12	2.5	1.7	2.1	2.3	1.8	2.2	7.4	5.1	5.9	---	---	---
13	2.2	1.1	1.8	2.5	1.2	1.9	7.5	4.4	5.9	---	---	---
14	6.5	1.7	3.4	2.4	0.7	1.5	7.4	5.1	6.1	---	---	---
15	5.0	3.3	4.1	2.3	0.5	1.3	7.4	5.0	6.1	---	---	---
16	4.5	3.2	3.8	2.6	0.7	1.5	6.6	4.9	5.8	---	---	---
17	4.2	3.2	3.7	2.5	1.6	2.3	6.1	5.0	5.5	---	---	---
18	3.7	3.1	3.3	2.6	1.5	2.2	5.8	4.7	5.2	---	---	---
19	3.2	2.4	2.8	2.4	0.9	1.7	5.3	4.8	5.1	---	---	---
20	3.0	2.2	2.6	1.6	1.1	1.4	5.7	4.9	5.2	---	---	---
21	2.8	2.2	2.5	1.7	1.3	1.5	5.0	4.8	5.0	---	---	---
22	2.7	2.3	2.4	1.7	1.4	1.5	4.9	4.6	4.8	---	---	---
23	2.5	1.7	2.2	2.1	1.5	1.7	5.9	4.6	5.0	20.7	15.3	17.5
24	2.4	1.6	2.0	2.1	1.4	1.7	6.7	4.7	5.5	16.5	11.5	14.5
25	2.2	1.7	2.0	2.5	1.4	2.0	6.9	4.9	5.7	12.4	9.6	10.5
26	2.2	2.0	2.1	---	---	---	7.2	4.9	5.9	10.1	8.3	8.9
27	2.0	1.3	1.7	---	---	---	9.1	5.5	6.8	8.3	5.9	6.7
28	2.0	1.2	1.6	5.8	2.3	3.6	9.7	6.6	7.7	6.5	5.3	5.8
29	1.9	1.0	1.4	6.5	2.7	4.1	9.1	7.4	8.2	7.8	5.8	6.3
30	1.8	0.8	1.3	7.6	3.2	4.9	8.8	6.7	7.7	7.9	7.2	7.6
31	---	---	---	8.8	5.4	6.4	7.9	7.0	7.5	---	---	---
MONTH	6.5	0.8	2.4	---	---	---	15.9	3.3	6.4	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.3	22.4	23.4	23.1	22.0	22.6	15.1	13.5	14.4	13.7	12.0	12.5
2	23.8	21.6	22.7	23.6	22.5	23.0	15.0	13.5	14.0	14.0	12.7	13.2
3	23.2	21.1	22.3	23.9	23.0	23.4	14.4	13.4	13.8	15.1	13.3	14.0
4	23.7	21.9	22.8	23.7	22.8	23.3	14.7	14.1	14.4	16.2	14.2	14.8
5	24.4	22.0	23.0	24.3	23.6	23.9	14.7	13.6	14.1	15.7	14.9	15.2
6	23.8	22.9	23.3	24.4	23.6	24.0	13.6	12.2	12.7	15.0	12.6	13.7
7	23.9	23.3	23.7	24.0	23.5	23.8	12.5	11.4	12.0	13.0	11.9	12.4
8	24.5	23.4	23.8	24.1	23.1	23.6	12.9	11.4	12.0	12.3	10.5	11.3
9	24.3	23.7	24.0	23.4	22.4	22.9	13.2	11.8	12.3	11.7	10.7	11.2
10	24.4	24.1	24.3	22.8	22.1	22.4	12.8	11.7	12.2	11.5	10.5	11.0
11	24.1	23.7	23.8	23.4	21.9	22.6	12.2	11.2	11.9	11.2	9.7	10.5
12	24.3	23.5	23.9	23.7	22.1	22.9	12.3	11.0	11.5	11.5	10.2	10.9
13	24.8	23.9	24.2	23.4	21.3	22.4	11.7	11.3	11.6	11.9	10.7	11.2
14	25.2	23.8	24.5	22.0	19.6	20.4	11.7	11.1	11.4	12.7	10.5	11.5
15	24.2	23.0	23.9	20.5	19.0	20.0	12.2	10.8	11.3	13.0	11.4	11.8
16	23.9	22.6	23.3	20.9	19.2	20.1	12.4	11.2	11.8	11.9	11.5	11.7
17	24.2	22.8	23.4	21.1	19.5	20.3	11.6	10.4	10.8	12.3	11.9	12.1
18	23.4	22.6	23.1	20.7	19.9	20.4	11.3	9.9	10.4	13.7	12.2	12.8
19	23.4	21.8	22.6	20.0	18.1	19.0	11.0	9.7	10.2	13.2	12.5	12.8
20	23.5	22.0	22.8	19.0	17.1	18.2	10.9	9.6	10.3	12.8	11.4	12.0
21	24.3	22.8	23.4	18.6	17.4	18.1	10.9	9.9	10.4	12.0	10.8	11.6
22	23.5	22.4	22.9	19.7	18.1	18.6	13.0	10.7	11.4	12.1	10.8	11.5
23	23.3	22.2	22.8	20.1	18.7	19.2	12.2	11.5	11.8	12.9	10.8	11.7
24	23.8	23.1	23.4	19.3	16.8	17.7	12.0	11.1	11.7	12.7	11.2	11.9
25	24.1	23.5	23.8	17.1	15.5	16.1	11.4	10.8	11.1	13.0	11.6	12.3
26	24.6	23.6	24.1	15.8	15.2	15.5	11.4	10.3	10.9	13.0	12.2	12.5
27	24.1	22.2	23.0	16.5	15.5	16.1	12.0	10.5	11.3	12.5	11.0	12.0
28	22.7	20.7	21.8	16.2	14.5	15.5	12.3	11.0	11.7	11.5	9.8	10.8
29	22.4	20.7	21.7	14.5	13.4	14.0	12.9	11.7	12.3	11.5	9.9	10.7
30	22.6	20.9	21.9	14.9	13.4	14.1	12.5	11.8	12.2	11.0	10.5	10.7
31	22.8	21.6	22.2	---	---	---	12.8	11.8	12.4	11.0	10.4	10.7
MONTH	25.2	20.7	23.2	24.4	13.4	20.1	15.1	9.6	11.9	16.2	9.7	12.0
FEBRUARY			MARCH			APRIL			MAY			
1	10.5	10.3	10.4	14.6	13.2	14.0	21.5	19.8	20.5	23.1	21.6	22.2
2	11.2	10.4	10.8	16.0	14.3	15.0	20.3	19.4	19.8	22.9	22.3	22.6
3	11.4	10.2	10.9	16.9	15.2	16.1	21.0	19.5	20.2	23.4	21.9	22.4
4	11.0	10.5	10.7	18.5	16.2	16.9	20.6	19.4	20.1	22.7	21.3	21.7
5	12.1	10.6	11.4	18.5	17.3	17.9	20.3	19.4	19.8	24.3	21.3	22.2
6	12.6	11.7	12.1	20.5	18.0	19.4	20.1	19.0	19.6	24.2	22.2	22.8
7	12.0	10.7	11.3	20.0	18.9	19.5	20.9	19.7	20.2	24.3	22.4	23.3
8	10.8	10.3	10.6	19.2	17.8	18.5	21.2	20.4	20.7	25.0	23.0	24.0
9	11.3	9.9	10.3	18.8	17.0	18.0	22.3	20.8	21.6	25.4	23.8	24.6
10	11.3	10.0	10.7	17.2	16.1	16.7	23.3	21.6	22.4	25.3	24.5	24.9
11	11.6	11.3	11.4	17.3	15.3	16.3	23.3	21.8	22.5	24.8	24.0	24.5
12	11.8	11.3	11.6	17.5	15.5	16.5	22.2	20.6	22.0	24.9	24.0	24.5
13	11.3	10.7	10.9	17.7	16.5	17.3	20.7	18.5	19.4	25.1	23.9	24.6
14	11.0	10.5	10.8	17.6	17.4	17.5	19.4	17.5	18.4	25.3	24.6	25.1
15	11.2	9.9	10.3	17.7	17.4	17.6	20.0	17.3	18.7	25.3	24.8	25.0
16	11.1	9.8	10.3	19.2	17.6	18.2	21.3	18.8	19.8	26.5	24.8	25.4
17	11.0	10.1	10.4	19.2	17.7	18.4	21.4	20.0	20.6	26.4	25.3	25.7
18	11.8	9.9	10.8	20.2	18.0	19.0	21.7	20.1	20.8	25.9	25.3	25.5
19	13.6	10.0	11.3	21.4	18.8	19.8	23.1	20.9	21.5	26.5	25.0	25.5
20	12.8	10.7	11.4	21.7	19.7	20.6	22.5	21.5	22.0	27.7	25.7	26.3
21	13.9	11.3	12.3	22.0	20.7	21.4	23.1	21.6	22.4	27.8	26.2	26.8
22	13.3	12.1	12.6	20.7	18.8	19.7	24.1	22.7	23.2	27.6	26.4	26.9
23	13.3	12.6	12.7	18.8	17.8	18.3	24.9	23.2	23.9	27.2	26.3	26.7
24	13.3	12.6	13.0	18.2	17.0	17.8	25.2	23.6	24.4	28.1	26.4	27.0
25	13.6	13.0	13.2	19.1	18.0	18.5	25.1	24.0	24.6	28.6	26.6	27.5
26	13.6	12.8	13.3	19.7	18.3	19.0	24.6	23.3	23.8	28.3	27.0	27.7
27	13.3	12.4	12.9	20.6	18.8	19.6	23.6	22.4	22.8	28.3	26.6	27.3
28	13.6	12.8	13.1	21.0	19.7	20.4	23.4	21.5	22.5	27.9	26.8	27.3
29	13.5	12.8	13.2	22.0	20.1	21.2	23.3	21.9	22.7	28.3	26.9	27.5
30	---	---	---	21.6	20.8	21.2	22.5	21.9	22.4	28.8	27.9	28.2
31	---	---	---	21.6	20.4	20.9	---	---	---	28.5	27.8	28.1
MONTH	13.9	9.8	11.5	22.0	13.2	18.4	25.2	17.3	21.4	28.8	21.3	25.3

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.6	27.8	28.2	28.9	27.2	28.1	30.9	29.9	30.4	30.0	28.8	29.3
2	28.7	27.5	27.9	29.2	26.8	27.9	30.9	29.8	30.3	30.4	28.8	29.4
3	28.3	27.2	27.6	29.4	27.4	28.2	30.9	29.6	30.2	29.6	29.1	29.4
4	28.8	27.2	27.7	29.7	28.1	28.8	30.7	29.7	30.1	30.0	28.4	29.1
5	28.3	27.4	27.9	30.3	28.7	29.1	31.6	29.7	30.8	30.4	28.5	29.4
6	28.5	27.3	27.8	30.4	29.2	29.8	31.0	29.9	30.5	29.6	28.4	29.0
7	27.8	26.9	27.5	30.6	29.5	29.9	30.0	29.0	29.4	29.5	28.0	28.8
8	28.5	27.3	27.8	31.0	28.4	29.6	30.0	28.5	28.9	29.0	28.0	28.5
9	28.7	27.5	28.1	29.7	27.1	28.3	28.9	28.6	28.8	28.9	28.1	28.5
10	29.6	27.7	28.4	29.5	27.6	28.5	30.2	28.3	29.1	29.2	28.3	28.7
11	29.9	28.6	29.2	30.3	27.0	29.0	29.7	28.8	29.2	---	---	---
12	30.7	28.9	29.5	31.0	29.5	30.1	29.3	28.2	28.8	---	---	---
13	30.1	28.8	29.4	30.4	28.2	29.2	28.2	26.5	27.4	---	---	---
14	29.1	28.4	28.7	30.2	28.3	29.3	26.7	25.7	26.4	---	---	---
15	29.5	28.2	28.6	31.8	28.7	29.5	26.1	25.1	25.8	---	---	---
16	29.7	28.6	29.0	30.6	29.1	29.8	26.3	24.8	25.7	---	---	---
17	30.5	28.9	29.5	30.6	29.8	30.1	26.6	25.4	26.0	---	---	---
18	31.0	29.7	30.1	30.0	28.7	29.4	27.5	26.0	26.5	---	---	---
19	30.9	30.4	30.6	29.9	28.5	29.2	28.0	26.6	27.2	---	---	---
20	30.8	29.8	30.4	29.8	28.7	29.2	29.1	27.7	28.2	---	---	---
21	30.8	29.9	30.3	29.9	28.8	29.4	29.2	27.6	28.4	---	---	---
22	30.4	29.4	29.9	30.2	29.0	29.5	30.1	28.0	29.1	---	---	---
23	29.9	29.0	29.5	31.1	29.4	29.7	31.0	28.2	29.6	25.5	25.0	25.3
24	29.6	28.7	29.2	31.5	29.5	30.3	30.6	28.6	29.8	26.6	25.2	25.7
25	28.8	27.6	28.0	31.1	30	30.6	31.0	29.2	30.0	26.5	25.6	26.0
26	28.3	27.3	27.8	---	---	---	31.2	29.8	30.4	26.7	25.5	26.0
27	28.0	27.2	27.6	---	---	---	30.9	30.1	30.5	26.3	25.1	25.6
28	28.6	27.1	27.6	30.5	29.4	30.0	30.8	30.0	30.4	26.0	25.0	25.5
29	29.0	27.1	27.7	31.5	29.8	30.5	30.4	29.6	30.0	26.7	25.1	25.8
30	30.6	27.4	28.2	31.1	30.4	30.8	30.0	29.0	29.4	26.9	26.0	26.2
31	---	---	---	30.8	30.2	30.5	29.6	28.3	29.0	---	---	---
MONTH	31.0	26.9	28.7	---	---	---	31.6	24.8	28.9	---	---	---

073802375 LAKE SALVADOR NEAR LAFITTE, LA

LOCATION.--Lat 29° 46'00", long 90° 10'59", T. 15 S., R. 22 E., Jefferson Parish, Hydrologic Unit 08090301, installed on wooden platform in the Bayou Villars oilfield, 3 miles south of Couba Island in Lake Salvador.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 8.03 ft below NAVD 88. Prior to Dec. 21, 2001, site was located 525 yards west of present site.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 11.84 ft, June 30, 2003; minimum recorded gage height, 2.51 ft, Jan. 2, 2001 (old location).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.91 ft, May 15; minimum gage height, 7.31 ft, Jan. 6.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.36	9.16	9.27	9.66	9.38	9.55	9.00	8.71	8.92	---	---	---
2	9.33	9.13	9.24	9.72	9.50	9.62	8.95	8.71	8.80	---	---	---
3	9.47	9.08	9.29	9.60	9.46	9.52	9.19	8.74	9.00	---	---	---
4	9.60	9.30	9.46	9.60	9.42	9.49	9.24	9.03	9.13	---	---	---
5	9.63	9.40	9.52	9.62	9.42	9.49	9.19	8.74	9.00	---	---	---
6	9.59	9.40	9.49	9.65	9.38	9.50	8.74	8.35	8.59	---	---	---
7	9.71	9.38	9.54	9.39	9.14	9.25	---	---	---	---	---	---
8	9.67	9.58	9.62	9.25	9.07	9.16	---	---	---	---	---	---
9	9.79	9.55	9.65	9.57	8.96	9.13	---	---	---	---	---	---
10	10.30	9.79	10.07	9.31	9.09	9.21	---	---	---	---	---	---
11	10.30	9.86	10.08	9.49	9.28	9.39	---	---	---	---	---	---
12	9.86	9.68	9.78	9.58	9.36	9.46	---	---	---	---	---	---
13	9.89	9.69	9.79	9.48	8.81	9.20	---	---	---	---	---	---
14	9.93	9.45	9.78	9.14	8.79	9.02	---	---	---	---	---	---
15	9.54	9.37	9.42	9.45	9.14	9.34	---	---	---	---	---	---
16	9.58	9.38	9.49	9.59	9.32	9.49	---	---	---	---	---	---
17	9.62	9.28	9.52	9.75	9.45	9.64	---	---	---	---	---	---
18	9.35	9.04	9.14	10.45	9.70	9.99	---	---	---	---	---	---
19	9.36	9.03	9.21	10.28	9.21	9.57	---	---	---	---	---	---
20	9.52	9.25	9.41	9.22	8.91	9.07	---	---	---	---	---	---
21	9.49	9.32	9.40	9.31	9.09	9.18	---	---	---	---	---	---
22	9.39	9.06	9.21	9.32	9.07	9.20	---	---	---	---	---	---
23	9.26	8.98	9.10	9.60	9.27	9.41	---	---	---	---	---	---
24	9.45	9.23	9.31	9.60	8.61	8.97	---	---	---	---	---	---
25	9.58	9.41	9.50	8.88	8.66	8.80	---	---	---	---	---	---
26	9.71	9.29	9.53	9.24	9.04	9.16	---	---	---	---	---	---
27	9.29	8.96	9.12	9.72	9.50	9.56	---	---	---	9.51	8.51	9.05
28	9.25	9.02	9.16	9.84	8.98	9.31	---	---	---	8.65	8.31	8.42
29	9.42	9.20	9.31	9.18	8.66	8.97	---	---	---	8.58	8.35	8.44
30	9.65	9.29	9.52	8.88	8.66	8.81	---	---	---	8.92	8.54	8.69
31	9.64	9.39	9.53	---	---	---	---	---	---	8.94	8.55	8.72
MONTH	10.30	8.96	9.47	10.45	8.61	9.32	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	9.05	8.76	8.86	9.45	9.18	9.28	8.94	8.66	8.76	10.28	9.73	10.02
2	9.25	9.05	9.15	9.51	9.29	9.39	9.01	8.72	8.85	10.00	9.46	9.71
3	9.36	8.79	8.99	9.49	9.31	9.39	8.94	8.69	8.83	9.46	9.15	9.33
4	9.05	8.58	8.84	9.80	9.43	9.58	8.81	8.67	8.75	9.30	9.03	9.15
5	9.84	9.03	9.50	10.23	9.70	9.97	8.95	8.58	8.76	9.42	9.13	9.25
6	9.86	9.32	9.62	10.26	9.69	9.89	9.31	8.88	9.00	9.48	9.17	9.32
7	9.35	8.68	9.05	9.69	9.14	9.45	9.59	8.94	9.34	9.49	9.23	9.36
8	8.73	8.39	8.55	9.18	8.70	8.89	9.47	9.16	9.25	9.49	9.23	9.35
9	8.65	8.45	8.58	8.72	7.91	8.52	9.28	8.95	9.09	9.51	9.17	9.33
10	8.84	8.65	8.78	8.50	8.05	8.24	9.32	9.00	9.14	9.76	9.39	9.56
11	9.45	8.75	9.03	8.66	8.32	8.45	9.54	8.81	9.28	10.04	9.64	9.79
12	9.48	8.90	9.19	8.72	8.39	8.53	9.62	9.17	9.44	10.61	10.02	10.15
13	8.90	8.60	8.73	8.83	8.45	8.63	9.42	8.51	8.88	10.50	10.25	10.36
14	9.19	8.61	8.78	8.98	8.69	8.80	8.62	8.14	8.35	10.51	10.40	10.46
15	9.21	8.27	8.62	9.08	8.80	8.93	8.33	8.12	8.20	10.91	10.44	10.59
16	8.41	8.21	8.30	9.19	8.85	9.02	8.46	8.26	8.35	10.46	10.28	10.35
17	8.54	8.28	8.42	9.18	8.95	9.03	8.69	8.46	8.61	10.44	10.17	10.28
18	8.47	8.24	8.36	9.31	9.15	9.22	8.91	8.65	8.79	10.49	10.24	10.36
19	8.55	8.35	8.44	9.33	9.10	9.20	9.11	8.76	8.94	10.37	10.23	10.29
20	8.79	8.55	8.71	9.23	9.06	9.16	9.24	8.95	9.08	10.26	10.09	10.16
21	8.92	8.67	8.77	9.13	8.45	8.91	9.53	9.12	9.28	10.14	9.93	10.02
22	8.98	8.75	8.91	8.56	8.32	8.44	9.78	9.46	9.60	10.08	9.84	9.95
23	9.53	8.88	9.19	9.02	8.40	8.68	9.78	9.57	9.67	10.23	9.92	10.05
24	9.69	9.42	9.59	9.38	8.93	9.09	9.87	9.46	9.69	10.23	9.99	10.10
25	9.62	9.36	9.49	9.67	9.34	9.47	10.15	9.65	9.83	10.13	9.90	9.99
26	9.58	8.90	9.19	9.66	9.38	9.51	10.00	9.45	9.73	9.98	9.73	9.89
27	8.91	8.65	8.75	9.62	9.37	9.49	9.45	9.10	9.25	9.92	9.66	9.82
28	8.85	8.59	8.70	9.73	9.52	9.61	9.38	8.97	9.14	9.83	9.43	9.70
29	9.22	8.82	9.01	9.73	9.45	9.58	9.78	9.38	9.48	9.86	9.58	9.70
30	---	---	---	9.58	9.14	9.37	10.20	9.56	10.06	10.36	9.71	10.06
31	---	---	---	9.40	8.76	9.14	---	---	---	10.49	10.04	10.25
MONTH	9.86	8.21	8.90	10.26	7.91	9.12	10.20	8.12	9.11	10.91	9.03	9.89
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.19	9.86	10.04	9.97	9.48	9.65	9.67	9.36	9.49	9.07	8.88	8.97
2	10.26	9.96	10.06	9.78	9.50	9.65	9.64	9.27	9.47	9.06	8.90	9.01
3	10.07	9.57	9.96	9.77	9.49	9.61	9.51	9.22	9.32	9.23	9.01	9.11
4	9.95	9.63	9.78	9.78	9.45	9.59	9.29	9.10	9.20	9.34	9.12	9.25
5	9.74	9.40	9.59	9.77	9.45	9.60	9.24	8.78	9.07	9.32	9.08	9.23
6	9.89	9.29	9.50	9.85	9.36	9.52	9.12	8.56	8.76	9.12	8.83	9.00
7	9.74	9.45	9.57	9.59	9.27	9.38	---	---	---	8.83	8.56	8.73
8	9.74	9.53	9.64	9.49	9.22	9.35	---	---	---	8.68	8.44	8.57
9	9.73	9.42	9.62	9.63	9.26	9.42	---	---	---	8.93	8.48	8.70
10	9.78	9.52	9.64	9.70	9.29	9.41	---	---	---	8.94	8.73	8.83
11	9.67	9.47	9.58	9.54	9.27	9.39	9.52	9.12	9.29	9.10	8.77	8.90
12	9.63	9.46	9.51	9.47	9.15	9.28	9.39	9.01	9.21	9.42	9.00	9.17
13	9.71	9.43	9.56	9.37	9.06	9.17	9.02	8.59	8.75	9.56	9.27	9.40
14	9.92	9.54	9.71	---	---	---	8.71	8.47	8.58	9.75	9.53	9.61
15	10.11	9.68	9.83	---	---	---	8.80	8.50	8.63	9.75	8.77	9.44
16	10.14	9.80	9.97	---	---	---	8.93	8.60	8.75	9.48	8.93	9.17
17	9.99	9.82	9.89	---	---	---	9.00	8.70	8.84	9.63	9.45	9.51
18	9.88	9.63	9.74	---	---	---	9.13	8.85	8.97	9.67	9.33	9.53
19	9.75	9.51	9.60	---	---	---	9.34	9.08	9.17	9.56	9.32	9.44
20	9.57	9.32	9.44	9.22	8.90	9.03	9.43	9.23	9.35	9.64	9.33	9.53
21	9.56	9.28	9.41	9.33	9.03	9.18	9.32	8.93	9.20	9.78	9.51	9.67
22	9.66	9.35	9.49	9.28	9.04	9.14	9.18	8.86	9.09	9.85	9.60	9.71
23	9.76	9.41	9.59	9.14	8.88	9.00	9.20	8.94	9.10	10.17	9.66	9.95
24	10.08	9.45	9.64	9.02	8.83	8.94	9.31	9.00	9.16	10.18	10.01	10.10
25	10.03	9.63	9.78	9.07	8.89	9.00	9.32	9.07	9.20	10.01	9.70	9.84
26	9.75	9.37	9.58	9.14	8.83	8.96	9.28	9.06	9.17	9.70	9.41	9.52
27	9.70	9.42	9.56	9.08	8.85	8.96	9.31	9.02	9.15	9.42	9.18	9.30
28	9.76	9.35	9.50	9.24	8.80	8.99	9.31	9.02	9.16	9.29	8.90	9.08
29	9.84	9.41	9.53	9.40	8.95	9.11	9.36	9.00	9.15	8.99	8.76	8.83
30	9.75	9.44	9.59	9.39	9.05	9.21	9.25	8.99	9.10	9.07	8.84	8.97
31	---	---	---	9.63	9.18	9.34	9.17	8.93	9.02	---	---	---
MONTH	10.26	9.28	9.66	---	---	---	---	---	---	10.18	8.44	9.27

WATER-QUALITY RECORDS

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

[illegible]

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1,020	814	936	567	320	411	499	463	482	630	427	558
2	1,050	825	907	411	287	362	536	486	518	621	517	561
3	931	689	793	366	284	336	542	511	526	558	511	527
4	769	606	701	397	360	378	515	503	510	553	420	491
5	719	605	639	458	361	401	504	482	492	481	397	429
6	721	602	635	474	327	398	493	471	483	436	403	416
7	763	649	722	442	416	434	503	470	488	423	399	412
8	740	481	588	420	393	409	492	476	487	420	395	406
9	604	470	529	490	407	430	489	444	467	395	350	359
10	637	595	614	483	419	455	463	450	458	377	348	357
11	647	590	618	429	417	422	463	446	452	376	344	357
12	689	591	640	441	421	426	458	449	452	367	333	353
13	705	608	646	469	428	447	458	444	452	355	332	342
14	627	604	615	466	455	461	444	441	442	386	248	333
15	688	603	660	456	413	441	454	443	448	290	220	237
16	666	640	652	433	410	421	454	445	448	401	238	363
17	656	636	644	425	412	418	447	443	445	364	282	332
18	648	607	633	426	409	415	453	444	448	346	325	332
19	622	593	609	432	425	427	485	452	465	427	346	385
20	612	580	593	434	424	428	475	458	467	498	402	458
21	617	579	598	434	425	428	458	452	454	404	363	377
22	579	575	576	436	420	426	458	451	455	376	331	344
23	578	572	575	443	422	427	464	451	455	331	323	327
24	579	537	566	518	435	449	463	433	449	323	316	320
25	591	533	554	523	348	463	462	431	441	342	315	328
26	596	574	588	384	332	350	462	453	457	335	217	293
27	595	579	589	391	336	360	460	450	455	233	186	205
28	588	512	564	382	355	369	473	442	454	285	165	203
29	575	439	506	462	381	432	457	445	451	214	181	199
30	---	---	---	472	457	464	448	426	432	284	214	257
31	---	---	---	486	458	467	---	---	---	249	212	227
MONTH	1,050	439	638	567	284	418	542	426	464	630	165	358
JUNE			JULY			AUGUST			SEPTEMBER			
1	274	203	236	250	244	247	180	169	173	209	197	206
2	292	242	261	257	247	251	171	156	162	215	209	213
3	250	193	206	257	244	250	176	155	161	218	214	216
4	202	173	196	247	242	244	181	163	170	220	217	218
5	185	167	176	251	245	249	190	172	177	219	210	215
6	220	177	190	251	247	249	196	180	186	224	215	219
7	214	206	210	249	244	247	---	---	---	237	224	231
8	224	213	218	247	245	246	---	---	---	239	223	231
9	239	223	231	247	244	245	---	---	---	243	227	234
10	234	226	231	247	230	240	---	---	---	251	232	239
11	253	231	240	231	221	226	193	185	189	248	240	244
12	259	248	256	222	214	217	195	188	192	248	241	244
13	279	259	273	220	214	217	194	178	186	247	231	241
14	279	263	268	---	---	---	181	177	178	1,360	232	807
15	267	258	261	---	---	---	242	179	221	1,480	273	891
16	263	259	261	---	---	---	254	220	237	697	249	304
17	268	262	265	---	---	---	260	217	240	926	279	516
18	269	263	266	---	---	---	246	229	238	580	415	511
19	266	263	264	---	---	---	236	229	232	770	477	700
20	280	265	271	288	259	267	246	235	240	941	705	803
21	276	268	272	265	248	259	251	244	247	1,360	914	1,120
22	296	270	280	252	241	249	247	237	242	1,930	1,330	1,590
23	297	284	290	256	241	248	242	233	237	7,090	1,880	3,220
24	290	279	285	267	256	263	236	223	232	5,470	4,020	4,880
25	285	252	273	262	245	253	223	200	207	5,660	3,500	4,340
26	277	221	247	245	234	241	200	182	194	6,170	3,570	4,380
27	224	200	209	236	219	225	214	195	203	4,170	2,020	2,950
28	223	206	212	229	215	219	213	199	204	3,720	2,510	3,150
29	263	217	235	236	213	222	201	194	197	4,440	3,230	3,550
30	250	242	246	224	185	206	200	194	197	4,760	3,410	3,990
31	---	---	---	192	177	186	210	196	200	---	---	---
MONTH	297	167	244	---	---	---	---	---	---	7,090	197	1,360

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.9	0.8	0.8	1.0	0.9	1.0	0.9	0.9	0.9	---	---	---
2	0.9	0.7	0.8	1.0	0.8	0.9	0.9	0.9	0.9	---	---	---
3	0.9	0.7	0.8	1.1	0.9	1.0	0.9	0.9	0.9	---	---	---
4	0.9	0.9	0.9	1.0	0.9	0.9	1.0	0.9	0.9	---	---	---
5	1.0	0.8	0.9	1.0	0.9	0.9	1.0	0.9	0.9	---	---	---
6	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.8	0.9	---	---	---
7	1.0	0.9	0.9	1.0	1.0	1.0	0.8	0.7	0.8	---	---	---
8	1.2	1.0	1.1	1.0	1.0	1.0	0.9	0.8	0.8	---	---	---
9	1.1	1.1	1.1	1.0	1.0	1.0	0.8	0.8	0.8	---	---	---
10	1.5	1.1	1.2	1.0	1.0	1.0	1.0	0.7	0.8	---	---	---
11	1.5	1.3	1.4	1.0	1.0	1.0	1.0	0.9	1.0	---	---	---
12	1.5	1.3	1.4	1.1	1.0	1.0	0.9	0.9	0.9	---	---	---
13	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.9	---	---	---
14	1.3	1.2	1.2	1.0	1.0	1.0	0.8	0.6	0.7	---	---	---
15	1.3	1.1	1.2	1.1	1.0	1.0	0.7	0.6	0.6	---	---	---
16	1.1	1.1	1.1	1.1	1.0	1.1	0.8	0.6	0.7	---	---	---
17	1.1	1.1	1.1	1.1	1.1	1.1	---	---	---	---	---	---
18	1.1	1.0	1.0	1.1	1.0	1.1	---	---	---	---	---	---
19	1.0	1.0	1.0	1.5	1.0	1.2	---	---	---	---	---	---
20	1.0	1.0	1.0	1.4	1.1	1.3	---	---	---	---	---	---
21	1.0	1.0	1.0	1.1	1.0	1.1	---	---	---	---	---	---
22	1.1	1.0	1.1	1.2	1.0	1.1	---	---	---	---	---	---
23	1.2	1.0	1.1	1.2	1.0	1.2	---	---	---	---	---	---
24	1.1	1.0	1.1	1.4	1.0	1.2	---	---	---	---	---	---
25	1.1	1.0	1.1	1.2	0.9	1.0	---	---	---	---	---	---
26	1.1	1.0	1.1	1.2	1.1	1.2	---	---	---	---	---	---
27	1.0	1.0	1.0	---	---	---	---	---	---	0.6	0.4	0.5
28	1.1	1.0	1.0	1.4	1.0	1.2	---	---	---	0.5	0.4	0.4
29	1.1	0.9	1.0	1.0	0.8	0.9	---	---	---	0.4	0.4	0.4
30	1.0	1.0	1.0	0.9	0.8	0.8	---	---	---	0.4	0.4	0.4
31	1.0	1.0	1.0	---	---	---	---	---	---	0.4	0.4	0.4
MONTH	1.5	0.7	1.0	---	---	---	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	0.5	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
2	0.5	0.4	0.4	0.2	0.1	0.2	0.3	0.2	0.3	0.3	0.3	0.3
3	0.5	0.3	0.4	0.2	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
4	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2
5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
15	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
16	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
17	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
18	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
27	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
28	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
29	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
30	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
31	---	---	---	0.2	0.2	0.2	---	---	---	0.1	0.1	0.1
MONTH	0.5	0.2	0.3	0.3	0.1	0.2	0.3	0.2	0.2	0.3	0.1	0.2

MISSISSIPPI RIVER DELTA

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.7	0.1	0.4
15	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.7	0.1	0.4
16	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.3	0.1	0.2
17	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.5	0.1	0.3
18	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.3	0.2	0.3
19	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1	0.4	0.2	0.3
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.3	0.4
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.4	0.6
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	0.7	0.8
23	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.9	1.0	1.7
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.9	2.1	2.6
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1	1.8	2.3
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.3	1.9	2.3
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.2	1.0	1.5
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.0	1.3	1.6
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.4	1.7	1.9
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5	1.8	2.1
31	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---
MONTH	0.2	0.1	0.1	---	---	---	---	---	---	3.9	0.1	0.7

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.7	22.0	22.4	22.9	22.0	22.4	14.0	13.0	13.6	---	---	---
2	22.3	21.3	21.7	23.5	22.4	22.9	14.0	13.2	13.6	---	---	---
3	21.5	20.5	21.0	23.8	22.8	23.2	13.9	13.5	13.6	---	---	---
4	22.0	21.0	21.2	23.6	22.8	23.2	14.6	13.7	14.2	---	---	---
5	24.1	21.9	22.6	23.9	23.2	23.5	14.6	13.7	14.2	---	---	---
6	24.2	23.4	23.7	23.9	23.4	23.7	13.7	11.5	12.4	---	---	---
7	24.9	23.3	24.0	23.8	23.0	23.4	12.3	11.3	11.6	---	---	---
8	24.9	24.2	24.4	23.1	22.4	22.8	12.1	11.2	11.7	---	---	---
9	25.0	24.3	24.6	22.8	21.9	22.3	13.1	12.1	12.6	---	---	---
10	24.8	24.4	24.5	22.2	21.8	22.0	13.1	12.2	12.7	---	---	---
11	24.4	24.1	24.3	23.1	21.6	22.3	12.4	11.5	12.0	---	---	---
12	24.5	23.8	24.1	23.3	22.2	22.6	12.6	11.7	12.1	---	---	---
13	24.8	23.9	24.3	23.0	20.6	22.1	12.5	12.1	12.3	---	---	---
14	24.9	24.1	24.5	20.6	19.2	19.6	12.1	11.5	11.8	---	---	---
15	24.1	23.1	23.4	19.8	18.7	19.1	12.1	11.4	11.8	---	---	---
16	23.4	22.5	23.0	20.2	19.1	19.5	12.8	11.9	12.3	---	---	---
17	23.7	22.7	23.1	20.7	19.8	20.3	---	---	---	---	---	---
18	23.2	22.2	22.6	20.9	20.3	20.8	---	---	---	---	---	---
19	22.6	21.6	22.1	20.3	18.4	19.2	---	---	---	---	---	---
20	22.9	22.0	22.3	18.7	17.9	18.3	---	---	---	---	---	---
21	23.5	22.2	22.6	18.7	18.0	18.3	---	---	---	---	---	---
22	23.4	22.2	22.8	19.2	18.2	18.8	---	---	---	---	---	---
23	24.0	22.7	23.2	19.8	18.8	19.3	---	---	---	---	---	---
24	24.6	23.2	23.7	19.6	16.6	17.9	---	---	---	---	---	---
25	23.9	23.6	23.7	15.5	14.9	15.2	---	---	---	---	---	---
26	23.9	23.4	23.7	15.5	14.8	15.1	---	---	---	---	---	---
27	23.4	21.2	22.2	---	---	---	---	---	---	14.0	12.1	13.2
28	21.3	20.6	21.0	16.2	14.3	15.3	---	---	---	12.1	10.9	11.3
29	21.7	20.4	20.9	---	---	---	---	---	---	11.3	10.7	11.0
30	21.7	20.6	21.2	13.7	12.9	13.2	---	---	---	11.6	11.2	11.4
31	22.4	21.4	21.9	---	---	---	---	---	---	11.4	11.0	11.2
MONTH	25.0	20.4	22.9	---	---	---	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	11.1	10.8	11.0	16.7	15.3	16.0	21.4	19.6	20.1	23.7	22.1	22.8
2	11.8	11.0	11.3	18.4	16.7	17.6	21.2	19.8	20.3	23.2	22.2	22.8
3	11.4	10.7	11.1	19.0	17.8	18.3	22.3	20.0	20.8	22.6	21.6	22.1
4	11.5	10.8	11.0	20.0	18.4	19.1	22.3	20.4	21.1	23.3	21.3	22.0
5	13.2	11.5	12.4	20.7	20.0	20.4	21.8	20.7	21.2	25.2	21.8	22.6
6	13.5	13.0	13.3	22.0	20.6	21.0	21.8	20.2	21.2	25.3	22.4	23.3
7	13.0	12.0	12.4	21.8	21.2	21.5	23.1	21.1	21.7	26.7	23.6	24.5
8	12.0	11.1	11.5	21.2	19.9	20.4	23.1	21.6	22.3	28.0	24.3	25.5
9	12.1	10.8	11.4	20.0	18.9	19.5	25.0	22.3	22.9	26.6	25.2	25.9
10	12.2	11.8	12.0	19.4	17.5	18.2	25.0	22.9	23.8	26.4	25.5	25.9
11	12.6	12.0	12.2	19.5	17.1	17.5	24.1	23.3	23.7	26.1	25.3	25.7
12	12.7	12.2	12.5	20.0	17.1	17.9	23.4	21.5	22.6	26.1	25.0	25.5
13	12.2	11.6	11.8	18.7	17.8	18.2	21.5	19.0	19.9	26.2	25.1	25.6
14	11.6	11.2	11.5	18.7	18.3	18.5	20.1	18.1	18.9	26.6	25.8	26.1
15	11.2	10.4	10.9	18.8	18.4	18.6	22.2	18.3	19.7	26.3	25.5	25.9
16	11.4	10.3	10.8	20.1	18.7	19.3	22.6	19.4	20.1	26.0	25.3	25.7
17	11.6	10.7	11.1	20.2	19.1	19.7	21.8	19.9	20.8	26.4	25.4	25.9
18	13.2	10.8	11.6	21.5	19.6	20.4	22.4	20.7	21.6	26.7	25.6	26.2
19	12.3	11.2	11.8	23.3	20.6	21.3	23.4	21.7	22.5	27.5	26.2	26.7
20	13.5	12.0	12.7	23.4	21.3	22.2	23.2	22.4	22.8	28.3	26.7	27.3
21	14.4	13.3	13.8	22.8	21.7	22.3	23.3	22.4	22.9	29.2	27.3	27.9
22	14.6	13.7	14.2	21.7	19.4	20.2	24.3	22.9	23.6	28.9	27.6	28.2
23	14.9	14.4	14.6	19.6	18.6	19.1	24.9	23.8	24.3	28.4	27.6	28.0
24	15.2	14.7	15.0	19.7	18.6	19.1	25.5	24.6	25.0	28.6	27.6	28.1
25	15.4	14.8	15.1	20.3	19.3	19.7	25.4	25.0	25.2	29.3	27.6	28.3
26	15.0	13.6	14.3	20.5	19.3	19.9	25.0	24.5	24.8	29.1	27.8	28.4
27	14.3	13.1	13.7	20.9	20.0	20.5	24.9	23.7	24.3	28.8	27.7	28.2
28	14.5	13.4	14.0	21.9	20.5	21.2	24.3	23.5	23.9	29.0	27.6	28.3
29	15.5	13.9	14.6	23.2	21.6	22.0	23.8	23.2	23.5	29.1	28.0	28.5
30	---	---	---	23.9	21.6	22.1	23.6	22.3	22.8	29.2	28.3	28.7
31	---	---	---	21.8	20.7	21.5	---	---	---	29.4	28.3	28.8
MONTH	15.5	10.3	12.5	23.9	15.3	19.8	25.5	18.1	22.3	29.4	21.3	26.1

MISSISSIPPI RIVER DELTA

073802375 LAKE SALVADOR NEAR LAFITTE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.8	28.6	29.0	29.7	28.8	29.2	31.3	30.6	31.0	30.7	29.0	29.5
2	29.1	28.3	28.7	29.5	28.9	29.1	31.5	30.3	30.8	30.5	29.4	29.8
3	28.7	27.8	28.3	30.1	28.8	29.4	31.5	30.1	30.8	29.9	29.3	29.6
4	29.3	28.1	28.3	31.8	29.3	30.0	32.3	30.5	31.2	29.4	28.8	29.1
5	29.0	28.1	28.4	31.7	30.0	30.6	31.8	30.7	31.2	30.0	28.7	29.2
6	30.4	27.8	28.6	31.1	30.4	30.7	31.2	30.0	30.6	29.9	28.9	29.4
7	29.1	28.0	28.5	31.6	30.1	30.4	---	---	---	30.1	28.8	29.5
8	29.2	28.3	28.7	30.4	29.6	30.0	---	---	---	29.9	28.7	29.3
9	29.8	28.4	29.0	29.8	28.9	29.4	---	---	---	29.6	28.8	29.1
10	30.1	28.8	29.5	29.7	29.1	29.4	---	---	---	29.7	28.6	29.1
11	31.8	29.1	30.0	30.2	29.1	29.6	31.1	29.4	30.1	29.9	29.0	29.4
12	31.5	29.6	30.2	31.0	29.5	29.9	30.3	28.8	29.7	29.5	28.9	29.2
13	30.8	29.8	30.2	31.1	29.3	30.0	28.8	26.7	27.5	29.1	28.4	28.7
14	30.0	29.1	29.5	---	---	---	26.7	25.8	26.3	29.1	28.4	28.8
15	30.0	28.6	29.3	---	---	---	26.5	25.3	25.9	28.7	26.6	27.8
16	30.0	29.1	29.6	---	---	---	27.1	25.4	26.1	27.0	25.9	26.5
17	30.8	29.3	29.8	---	---	---	27.3	25.9	26.4	27.7	26.6	26.9
18	32.0	29.8	30.4	---	---	---	28.7	26.5	27.1	28.5	27.4	27.9
19	30.7	30.1	30.3	---	---	---	29.0	27.3	28.1	28.3	27.1	27.5
20	31.1	29.6	30.2	31.9	29.5	30.1	29.9	28.4	29.1	27.4	26.8	27.1
21	30.8	29.8	30.2	30.7	29.7	30.1	30.5	29.1	29.7	26.9	26.3	26.6
22	30.6	29.5	30.1	31.9	29.7	30.2	31.0	29.5	30.0	26.5	25.8	26.1
23	30.9	29.7	30.2	31.7	30.0	30.6	31.7	29.8	30.3	26.5	25.5	25.9
24	30.3	29.5	30.0	32.2	30.4	31.1	30.9	29.9	30.5	26.9	25.7	26.3
25	29.5	28.6	28.9	31.9	30.8	31.3	31.7	30.2	30.6	27.2	26.2	26.7
26	28.8	28.3	28.5	31.3	30.4	30.7	32.1	30.2	30.8	27.4	25.9	26.6
27	29.9	28.0	28.6	31.4	29.7	30.3	32.2	30.8	31.3	26.9	25.9	26.4
28	29.1	28.4	28.7	30.4	29.6	30.1	31.2	30.5	30.8	26.4	25.8	26.0
29	30.1	28.1	28.7	31.2	29.8	30.3	30.9	29.9	30.2	26.5	25.6	25.9
30	29.7	28.5	29.0	31.1	30.2	30.6	29.9	29.3	29.6	27.1	25.6	26.4
31	---	---	---	31.6	30.3	30.9	29.7	28.7	29.1	---	---	---
MONTH	32.0	27.8	29.3	---	---	---	---	---	---	30.7	25.5	27.9

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA

LOCATION.--Lat 29° 25' 23", long 89° 57' 02", Plaquemines Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform 10.7 mi northeast of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

REMARKS.--Stage affected by wind and tide. Prior to December 1, 1993, at platform near present site, datum of gage was NGVD of 1929. From Dec. 2, 1993, to Sept. 30, 1995, datum of gage was 7.06 ft below NGVD of 1929. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 5.43 ft, June 30, 2003; minimum recorded gage height, -3.24 ft, revised, Feb. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.54 ft, Sept. 23; minimum gage height, -0.54 ft, Nov. 28.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.29	0.98	1.68	2.59	1.31	1.94	1.21	0.77	0.99	1.76	0.87	1.33
2	2.31	0.80	1.54	2.35	1.37	1.85	1.27	0.65	0.88	1.89	0.72	1.34
3	2.50	1.08	1.80	2.00	1.52	1.79	1.71	1.17	1.41	1.99	0.64	1.34
4	2.53	1.26	1.91	2.06	1.74	1.91	1.82	0.96	1.43	2.17	0.78	1.46
5	2.32	1.13	1.76	2.13	1.86	2.00	1.53	0.57	0.98	1.82	0.74	1.18
6	2.24	1.29	1.78	2.01	1.53	1.69	1.23	-0.09	0.63	1.27	-0.44	0.42
7	2.35	1.61	2.01	2.04	1.07	1.54	1.76	0.09	0.85	1.75	-0.06	0.72
8	2.04	1.66	1.88	2.15	1.08	1.60	2.00	0.39	1.11	2.05	0.31	1.07
9	2.29	1.85	2.06	2.13	0.83	1.44	2.71	0.82	1.67	2.05	0.40	1.05
10	2.85	2.19	2.51	2.44	1.09	1.67	2.50	0.24	1.07	1.52	-0.11	0.59
11	2.51	1.61	1.96	2.50	0.97	1.72	2.03	0.38	1.06	1.52	0.31	0.86
12	2.53	1.50	1.95	2.49	1.13	1.75	2.03	0.47	1.20	1.29	0.50	0.90
13	2.54	1.57	2.03	2.38	0.42	1.28	2.04	1.22	1.68	1.28	0.68	1.03
14	2.56	1.32	1.86	2.42	1.05	1.62	1.94	0.60	1.21	1.43	0.97	1.20
15	2.22	1.13	1.57	2.50	1.14	1.81	2.06	0.89	1.44	1.47	0.87	1.16
16	2.37	1.09	1.67	2.55	1.35	1.96	2.09	0.28	1.29	1.97	0.60	1.30
17	2.21	1.04	1.62	2.69	1.58	2.07	0.95	-0.01	0.42	2.66	1.02	1.80
18	1.87	0.98	1.45	3.05	1.78	2.59	1.18	0.62	0.88	---	---	---
19	2.23	1.18	1.74	1.89	0.62	1.07	1.11	-0.07	0.52	---	---	---
20	2.34	1.05	1.74	1.83	0.96	1.39	1.60	0.01	0.78	---	---	---
21	2.03	1.27	1.65	1.83	1.04	1.45	1.93	0.05	0.97	1.79	-0.04	0.84
22	1.54	1.18	1.41	2.42	0.69	1.49	2.25	0.24	1.19	1.74	-0.09	0.79
23	1.78	1.43	1.59	2.71	1.02	1.85	2.13	0.61	1.33	1.70	0.19	0.91
24	1.98	1.35	1.67	2.43	-0.28	0.80	2.00	-0.10	0.82	1.96	0.51	1.13
25	2.45	1.22	1.76	2.66	0.53	1.46	2.00	0.27	1.04	2.16	1.40	1.78
26	2.40	0.87	1.57	2.96	0.75	1.72	1.78	0.27	1.00	1.98	1.44	1.62
27	2.34	0.61	1.40	3.17	1.30	2.14	1.88	0.53	1.21	1.50	0.01	0.59
28	2.50	0.82	1.63	2.76	-0.54	0.59	2.01	0.91	1.47	0.98	-0.03	0.49
29	2.74	0.89	1.74	1.48	0.31	0.91	2.23	0.77	1.66	1.37	0.16	0.80
30	2.91	1.12	1.92	1.58	0.47	0.96	1.56	0.64	1.12	1.82	0.59	1.12
31	2.40	0.93	1.65	---	---	---	1.61	1.07	1.33	1.88	0.47	1.17
MONTH	2.91	0.61	1.76	3.17	-0.54	1.60	2.71	-0.10	1.12	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	2.09	0.97	1.58	---	---	---	1.52	0.46	1.04	1.92	1.22	1.60
2	2.20	0.93	1.54	1.98	0.86	1.43	1.50	0.50	1.02	1.66	0.66	1.19
3	1.73	0.19	0.95	2.10	0.75	1.40	1.39	0.64	1.01	1.53	0.39	1.02
4	2.57	0.42	1.25	2.35	1.18	1.74	1.28	0.82	1.03	1.72	0.48	1.10
5	2.60	1.55	1.94	2.46	1.38	1.88	1.45	0.95	1.17	1.94	0.32	1.24
6	---	---	---	2.34	1.14	1.55	1.71	1.06	1.41	2.16	0.34	1.34
7	---	---	---	1.67	0.55	0.92	2.13	0.77	1.59	2.17	0.41	1.32
8	---	---	---	1.00	0.31	0.56	2.09	0.50	1.40	2.20	0.33	1.32
9	---	---	---	1.00	-0.13	0.67	2.16	0.40	1.35	2.31	0.42	1.49
10	---	---	---	1.03	-0.18	0.46	2.03	0.51	1.34	2.54	0.96	1.82
11	---	---	---	1.20	0.15	0.71	2.67	0.69	1.74	2.53	1.25	1.97
12	---	---	---	1.54	0.04	0.85	2.23	0.92	1.64	2.60	1.64	2.16
13	---	---	---	1.70	0.17	0.99	0.92	-0.21	0.37	2.38	1.70	2.12
14	---	---	---	1.97	0.33	1.18	0.94	-0.35	0.30	2.38	2.03	2.14
15	---	---	---	2.08	0.45	1.29	0.98	-0.13	0.46	2.49	1.54	2.08
16	---	---	---	1.95	0.56	1.27	1.18	0.39	0.71	2.29	1.44	1.91
17	---	---	---	1.97	0.61	1.31	1.20	0.69	0.91	2.37	1.43	1.99
18	1.28	-0.49	0.34	1.89	0.88	1.40	1.12	0.66	0.95	2.59	1.27	1.99
19	1.75	-0.07	0.72	1.77	0.83	1.24	1.56	0.63	1.14	2.60	1.18	1.92
20	1.81	0.50	1.17	1.67	1.06	1.25	1.71	0.69	1.21	2.47	0.95	1.81
21	1.80	0.36	1.08	1.45	0.46	0.95	2.16	0.92	1.62	2.27	0.95	1.66
22	1.82	0.95	1.23	0.99	0.40	0.75	2.30	1.07	1.72	2.56	1.01	1.88
23	2.03	1.34	1.59	1.81	0.89	1.39	2.18	0.97	1.58	2.82	1.30	2.11
24	2.13	1.56	1.98	1.85	0.99	1.45	2.42	0.94	1.68	2.60	1.50	2.04
25	---	---	---	2.23	1.10	1.70	2.40	0.98	1.66	2.30	1.31	1.73
26	---	---	---	2.07	0.97	1.49	1.65	0.70	1.26	2.16	1.19	1.68
27	---	---	---	2.09	0.87	1.51	1.66	0.23	1.02	1.90	1.30	1.63
28	---	---	---	2.13	1.16	1.63	2.06	0.60	1.40	1.88	1.26	1.60
29	---	---	---	2.08	0.96	1.51	1.97	1.24	1.58	1.98	1.39	1.68
30	---	---	---	2.01	0.54	1.33	1.92	1.19	1.63	2.60	1.98	2.33
31	---	---	---	1.41	0.78	1.03	---	---	---	2.67	1.30	2.06
MONTH	---	---	---	---	---	---	2.67	-0.35	1.23	2.82	0.32	1.74
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.69	0.97	1.91	2.58	0.56	1.67	2.54	0.87	1.77	1.47	1.21	1.34
2	2.84	0.95	1.96	2.58	0.54	1.63	2.13	0.84	1.52	1.77	1.16	1.42
3	2.42	0.52	1.65	2.60	0.54	1.67	1.92	0.98	1.45	2.02	1.27	1.55
4	2.29	0.38	1.40	2.42	0.74	1.60	1.67	0.98	1.40	2.17	1.10	1.64
5	2.32	0.33	1.37	2.29	0.84	1.63	1.30	1.02	1.19	2.14	0.99	1.53
6	2.26	0.32	1.42	1.96	0.91	1.46	1.34	0.73	1.01	1.83	0.58	1.26
7	2.22	0.77	1.57	1.84	0.95	1.39	1.65	0.83	1.17	1.61	0.30	0.99
8	2.15	0.94	1.59	1.65	1.25	1.46	2.20	0.87	1.56	1.51	0.50	1.04
9	1.91	1.10	1.57	1.73	1.27	1.52	2.70	1.10	1.78	1.95	0.79	1.40
10	1.80	1.47	1.66	1.86	0.88	1.42	2.21	0.92	1.59	1.69	0.67	1.22
11	1.81	1.37	1.62	2.04	0.90	1.51	2.25	1.05	1.63	2.05	1.08	1.55
12	1.89	1.24	1.60	1.81	0.51	1.23	2.23	0.35	1.41	2.36	1.35	1.89
13	2.16	1.35	1.78	1.89	0.59	1.27	1.54	0.31	0.94	2.20	1.63	1.89
14	2.43	1.22	1.87	2.09	0.49	1.33	1.83	0.48	1.14	2.67	1.88	2.32
15	2.66	1.27	2.00	2.15	0.58	1.41	1.84	0.56	1.24	2.82	-0.21	1.76
16	2.84	1.10	2.04	2.07	0.53	1.34	1.82	0.71	1.27	2.77	0.78	2.43
17	2.50	0.93	1.78	1.96	0.40	1.26	1.79	0.72	1.31	2.52	1.80	2.16
18	2.38	0.79	1.66	1.66	0.32	1.04	1.75	1.06	1.44	2.60	1.12	1.79
19	2.31	0.75	1.48	1.92	0.34	1.18	1.69	1.32	1.56	2.63	1.21	1.88
20	2.30	0.69	1.46	1.89	0.51	1.27	1.72	1.44	1.55	2.81	1.29	2.04
21	2.25	0.69	1.53	1.80	0.87	1.36	1.72	0.95	1.32	2.93	1.53	2.20
22	2.34	0.94	1.72	1.49	0.85	1.23	1.82	0.80	1.34	3.10	1.48	2.31
23	2.35	1.07	1.74	1.29	1.02	1.19	2.01	0.73	1.37	3.54	1.86	2.67
24	2.33	1.16	1.72	1.56	1.08	1.29	2.15	0.66	1.41	2.97	1.39	2.23
25	2.18	1.33	1.70	1.57	0.75	1.19	2.17	0.57	1.38	2.42	1.26	1.90
26	1.67	1.12	1.42	1.72	0.54	1.19	2.12	0.55	1.35	2.21	1.31	1.76
27	2.03	0.92	1.51	1.96	0.43	1.24	2.21	0.65	1.45	2.11	1.22	1.67
28	2.14	0.81	1.49	2.06	0.37	1.27	2.21	0.73	1.50	1.48	1.11	1.28
29	2.34	0.75	1.56	2.37	0.42	1.44	2.16	0.78	1.48	1.70	1.10	1.40
30	2.44	0.75	1.66	2.48	0.65	1.57	1.98	0.86	1.45	2.04	0.84	1.36
31	---	---	---	2.61	0.86	1.75	1.75	0.91	1.37	---	---	---
MONTH	2.84	0.32	1.65	2.61	0.32	1.39	2.70	0.31	1.40	3.54	-0.21	1.73

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current year.

SALINITY: Oct. 2002 to current year.

WATER TEMPERATURE: July 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Dec. 13-Jan. 4, Mar. 3-Apr. 4, and Apr. 17-May 8 when records good; Jan. 5-20, Apr. 4-7, and May 9-24 when records fair.

SALINITY: Records excellent except for Dec. 13-Jan. 4, Mar. 3-Apr. 4, and Apr. 17-May 8 when records good; Jan. 5-20, Apr. 4-7, and May 9-24 when records fair.

WATER TEMPERATURE: Records excellent except for Jan. 1-Mar. 15, Apr. 8-30 when record good; Mar. 16-Apr. 7, May 1-June 17 when records fair; and June 18-July 31 when records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens/cm, Dec. 4, 1999; minimum, 487 microsiemens/cm, July 13, 2004.

SALINITY: Maximum, 28.1 ppt, Nov. 18, 2003; Minimum, 0.2 ppt, July 12, 13, 2004.

WATER TEMPERATURE: Maximum, 34.7°C, Jul. 17, 2002; minimum, 2.9°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 43,600 microsiemens/cm, Nov. 18; minimum, 487 microsiemens/cm, July 13.

SALINITY: Maximum, 28.1 ppt, Nov. 18; minimum, 0.2 ppt, July 12, 13.

WATER TEMPERATURE: Maximum, 33.0°C, July 31; minimum, 9.5°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25,300	18,800	21,100	35,900	27,800	31,000	30,500	26,700	28,500	36,900	24,300	33,200
2	25,600	18,300	21,800	37,700	28,000	33,000	30,700	25,900	28,700	36,500	24,500	33,700
3	31,500	20,900	28,100	37,900	28,100	35,900	34,400	27,300	30,000	35,400	24,600	32,500
4	34,900	28,800	32,700	37,100	32,300	35,600	37,800	32,200	34,800	34,200	24,100	30,700
5	33,700	25,000	31,100	36,000	32,000	34,300	38,100	21,500	26,600	34,200	21,900	27,400
6	32,300	25,900	31,000	36,800	34,600	35,700	29,400	12,800	18,100	23,600	9,500	13,500
7	31,400	29,500	30,500	36,700	28,900	34,500	33,600	17,300	28,100	28,500	9,720	15,800
8	31,800	26,700	30,600	33,100	26,700	29,900	33,900	20,900	29,500	34,100	18,100	26,100
9	32,400	26,700	30,400	31,900	24,700	29,100	38,400	28,800	33,600	34,900	21,200	28,700
10	37,900	32,100	35,300	35,300	28,800	31,300	38,900	22,100	28,800	31,200	11,100	20,600
11	36,000	31,800	34,300	37,900	32,200	35,900	37,100	20,700	31,000	32,300	24,700	29,900
12	33,100	24,500	28,700	38,800	31,700	35,800	33,100	23,900	28,500	35,600	31,900	34,300
13	31,100	26,300	28,700	37,800	24,600	30,000	34,300	29,500	32,800	35,700	34,800	35,400
14	28,900	21,300	25,700	39,000	27,500	32,300	34,400	16,900	24,800	37,000	35,200	36,000
15	25,700	18,800	21,900	41,500	36,600	40,000	29,600	23,800	27,100	38,900	36,900	37,900
16	28,000	20,900	25,100	41,300	37,800	40,000	33,000	15,300	27,600	38,200	27,100	35,800
17	27,500	20,200	25,200	41,000	37,800	40,000	15,400	9,960	12,000	37,700	32,000	33,500
18	28,400	19,400	23,600	43,600	39,200	41,900	18,900	13,600	16,500	---	---	---
19	25,800	22,500	24,500	39,800	26,100	31,100	31,000	12,100	24,300	---	---	---
20	34,400	25,700	30,800	35,700	25,600	31,800	33,800	20,800	31,100	---	---	---
21	36,100	33,500	34,700	35,000	33,000	34,300	31,800	19,200	27,400	24,300	12,100	18,900
22	38,300	33,600	36,700	37,500	26,100	31,100	36,600	22,600	29,300	23,700	13,700	20,700
23	33,800	26,300	29,300	40,500	31,300	35,300	36,600	24,500	30,100	28,100	17,800	24,400
24	32,100	29,700	31,300	40,500	22,800	28,800	30,400	15,400	23,400	28,600	17,300	24,600
25	32,000	27,300	29,000	36,900	29,900	33,500	30,000	19,700	24,300	31,200	24,300	28,200
26	35,900	25,400	29,700	39,600	29,900	35,200	31,500	22,000	27,600	33,800	31,100	32,200
27	35,700	19,300	25,700	40,600	36,800	38,600	36,300	23,700	31,200	31,900	8,810	15,000
28	31,300	24,100	29,100	37,200	21,100	26,900	37,500	32,500	36,400	14,300	7,320	9,930
29	33,700	25,300	31,200	27,200	18,800	23,300	39,600	26,200	35,500	25,700	9,860	15,700
30	36,400	28,200	32,900	30,100	21,400	26,200	32,500	19,900	24,300	28,400	19,100	24,800
31	34,600	25,800	30,100	---	---	---	37,200	31,000	34,200	25,200	15,500	19,900
MONTH	38,300	18,300	29,100	43,600	18,800	33,400	39,600	9,960	27,900	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	32,400	17,500	22,900	---	---	---	19,100	10,100	13,700	14,800	8,870	12,100
2	36,200	26,400	33,900	26,800	18,000	23,400	19,100	12,100	15,100	9,390	3,900	6,530
3	36,000	14,700	22,800	25,600	14,800	19,400	18,600	12,500	15,300	8,110	2,500	4,640
4	32,700	16,800	22,300	26,800	16,600	23,200	20,000	13,400	17,700	9,360	2,400	4,900
5	35,900	31,500	32,900	28,600	24,400	27,200	18,500	13,300	16,700	9,670	2,810	5,060
6	---	---	---	27,800	21,900	26,000	24,800	16,500	21,300	16,500	2,960	6,770
7	---	---	---	25,700	8,960	16,300	29,100	16,600	23,800	12,600	3,150	6,490
8	---	---	---	20,300	5,070	8,440	24,700	14,800	19,200	12,600	3,030	6,660
9	---	---	---	10,600	4,150	7,120	28,100	13,800	24,000	15,100	3,170	9,120
10	---	---	---	7,800	3,210	5,540	23,400	16,000	18,900	19,800	5,150	11,000
11	---	---	---	9,260	5,390	7,690	25,700	13,600	18,600	19,900	8,790	14,900
12	---	---	---	24,300	4,420	14,900	25,100	15,500	19,600	26,300	15,100	19,800
13	---	---	---	22,500	10,000	17,000	16,900	4,950	7,610	25,100	14,500	17,000
14	---	---	---	24,400	13,000	18,700	9,300	2,460	3,820	26,200	17,900	22,100
15	---	---	---	25,600	14,300	20,400	30,200	2,690	14,200	25,700	11,300	21,100
16	---	---	---	27,400	17,800	24,600	35,500	23,800	33,000	15,600	8,410	12,500
17	---	---	---	27,100	18,600	21,800	24,600	16,200	18,900	9,380	7,820	8,170
18	26,300	4,460	16,900	25,300	19,900	22,800	25,600	16,500	21,400	10,500	7,280	8,900
19	29,500	12,900	20,300	25,300	18,100	21,000	28,800	15,200	22,100	8,090	6,820	7,460
20	28,000	14,700	23,800	22,400	15,600	18,500	29,800	14,800	21,600	7,860	5,600	6,660
21	29,100	16,000	23,100	17,100	6,390	12,500	30,200	16,600	26,700	5,830	4,520	5,130
22	28,100	21,100	24,200	16,800	5,360	8,720	29,800	25,000	28,900	8,010	3,850	5,360
23	29,600	23,300	26,300	27,000	13,000	21,600	28,800	24,700	27,000	8,920	4,350	6,090
24	32,800	29,000	31,400	28,500	21,100	25,600	29,000	23,800	26,800	8,560	5,300	6,620
25	---	---	---	35,400	23,800	27,700	29,800	24,700	26,800	5,940	4,660	5,480
26	---	---	---	29,000	22,200	24,900	25,800	16,700	22,100	5,480	3,320	4,070
27	---	---	---	29,200	19,600	23,700	23,500	14,400	18,000	5,740	3,080	4,400
28	---	---	---	32,900	20,300	26,500	21,200	13,500	18,400	5,300	1,890	2,860
29	---	---	---	29,600	20,500	25,400	23,700	18,100	20,200	3,450	1,620	2,080
30	---	---	---	25,300	14,800	20,500	24,900	14,500	18,800	8,690	3,270	6,980
31	---	---	---	25,000	14,100	18,100	---	---	---	11,700	4,960	8,730
MONTH	---	---	---	---	---	---	35,500	2,460	20,000	26,300	1,620	8,700
JUNE			JULY			AUGUST			SEPTEMBER			
1	13,900	3,630	6,920	1,230	841	953	---	---	---	24,100	21,500	22,600
2	10,400	3,630	7,420	2,320	865	1,240	---	---	---	28,000	22,400	24,300
3	10,900	2,920	6,360	3,260	842	1,670	---	---	---	29,000	25,500	27,500
4	9,390	2,230	4,720	3,720	857	1,680	---	---	---	29,700	24,000	27,200
5	8,120	1,640	4,560	2,960	849	1,450	---	---	---	29,500	22,300	26,700
6	7,510	1,660	3,450	1,060	865	938	---	---	---	27,000	15,900	22,200
7	5,170	2,320	3,100	962	624	731	---	---	---	22,800	11,400	17,400
8	3,720	2,330	2,810	657	595	618	---	---	---	21,100	12,200	17,900
9	2,860	2,280	2,570	831	609	671	---	---	---	24,000	19,200	22,000
10	3,340	2,210	2,950	806	571	672	---	---	---	25,900	18,400	22,200
11	2,370	1,690	2,160	805	570	663	---	---	---	27,800	18,000	23,400
12	2,480	1,380	1,930	632	487	592	---	---	---	29,200	18,000	26,000
13	2,470	1,500	1,960	770	487	588	---	---	---	28,600	24,000	26,500
14	4,580	1,700	3,130	2,230	548	868	---	---	---	31,100	25,700	29,200
15	5,530	2,110	3,480	1,910	611	1,170	---	---	---	---	---	---
16	7,810	2,350	4,730	4,230	626	1,830	---	---	---	---	---	---
17	4,320	2,340	3,360	8,600	632	2,710	---	---	---	---	---	---
18	8,470	1,900	4,540	2,760	648	1,140	---	---	---	---	---	---
19	7,810	1,280	3,540	17,500	606	7,090	---	---	---	---	---	---
20	6,490	921	3,220	25,900	4,420	18,000	---	---	---	---	---	---
21	4,340	990	2,390	25,400	4,420	15,000	---	---	---	---	---	---
22	6,240	1,340	4,020	27,900	21,300	25,300	---	---	---	---	---	---
23	7,260	1,780	4,650	27,700	24,200	26,600	---	---	---	---	---	---
24	7,300	2,080	4,300	26,600	22,000	25,200	---	---	---	---	---	---
25	2,520	1,630	2,290	23,000	17,800	21,500	---	---	---	---	---	---
26	1,700	791	1,100	22,600	10,600	18,000	27,500	18,300	23,300	---	---	---
27	1,360	740	978	16,900	8,830	12,700	25,400	17,300	21,900	---	---	---
28	1,090	708	859	15,600	8,680	12,800	24,300	16,600	20,900	---	---	---
29	1,130	705	897	20,400	8,680	14,200	26,800	18,000	23,800	---	---	---
30	1,360	755	956	21,300	8,900	17,200	27,600	20,000	24,600	---	---	---
31	---	---	---	21,000	11,200	16,400	23,700	20,700	22,900	---	---	---
MONTH	13,900	705	3,310	27,900	487	8,070	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15.4	11.1	12.7	22.6	17.1	19.3	18.9	16.3	17.5	23.4	14.7	20.8
2	15.6	10.8	13.1	23.9	17.2	20.6	19.0	15.8	17.7	23.1	14.8	21.1
3	19.6	12.5	17.3	24.0	17.3	22.7	21.6	16.7	18.5	22.3	14.9	20.3
4	21.9	17.7	20.4	23.5	20.2	22.4	23.9	20.1	21.9	21.5	14.6	19.1
5	21.1	15.2	19.3	22.7	19.9	21.5	24.1	12.9	16.3	21.5	13.2	16.8
6	20.2	15.8	19.3	23.3	21.8	22.5	18.1	7.4	10.8	14.3	5.3	7.8
7	19.5	18.2	18.9	23.2	17.8	21.6	21.0	10.2	17.3	17.5	5.5	9.3
8	19.8	16.3	18.9	20.7	16.3	18.5	21.2	12.5	18.3	21.4	10.7	16.0
9	20.2	16.3	18.9	19.9	15.0	17.9	24.4	17.7	21.1	21.9	12.7	17.7
10	24.0	20.0	22.2	22.2	17.7	19.5	24.8	13.3	17.8	19.4	6.3	12.4
11	22.7	19.8	21.5	24.0	20.1	22.7	23.5	12.4	19.3	20.2	15.0	18.5
12	20.7	14.8	17.7	24.7	19.7	22.6	20.7	14.5	17.5	22.4	19.9	21.5
13	19.3	16.1	17.7	23.9	14.9	18.6	21.5	18.2	20.5	22.5	21.9	22.3
14	17.8	12.8	15.7	24.8	16.9	20.1	21.6	9.9	15.1	23.4	22.1	22.7
15	15.7	11.1	13.2	26.6	23.1	25.5	18.3	14.4	16.6	24.8	23.4	24.0
16	17.2	12.5	15.2	26.5	23.9	25.5	20.6	8.9	17.0	24.2	16.6	22.6
17	16.9	12.0	15.3	26.2	23.9	25.5	9.0	5.6	6.9	23.9	19.9	21.0
18	17.5	11.5	14.3	28.1	25.0	26.9	11.2	7.8	9.7	---	---	---
19	15.8	13.5	14.9	25.4	15.9	19.3	19.2	6.9	14.8	---	---	---
20	21.6	15.7	19.1	22.5	15.6	19.9	21.2	12.4	19.3	---	---	---
21	22.8	20.9	21.8	22.0	20.6	21.5	19.8	11.4	16.8	14.7	6.9	11.3
22	24.3	21.0	23.2	23.7	15.9	19.3	23.1	13.6	18.1	14.4	7.9	12.4
23	21.2	16.1	18.1	25.9	19.4	22.2	23.1	14.8	18.6	17.3	10.5	14.8
24	20.0	18.4	19.4	25.9	13.7	17.8	18.9	9.0	14.2	17.6	10.2	15.0
25	19.9	16.7	17.9	23.4	18.5	21.0	18.6	11.7	14.8	19.4	14.7	17.3
26	22.6	15.5	18.4	25.2	18.5	22.2	19.6	13.2	16.9	21.2	19.3	20.1
27	22.5	11.5	15.7	25.9	23.3	24.5	22.9	14.4	19.4	19.9	4.9	8.7
28	19.4	14.6	18.0	23.6	12.6	16.5	23.7	20.3	23.0	8.3	4.0	5.6
29	21.1	15.4	19.4	16.6	11.1	14.1	25.2	16.0	22.4	15.7	5.5	9.2
30	23.0	17.4	20.6	18.7	12.9	16.0	20.3	11.8	14.7	17.5	11.4	15.1
31	21.8	15.8	18.7	---	---	---	23.6	19.2	21.5	15.3	9.0	11.9
MONTH	24.3	10.8	18.0	28.1	11.1	20.9	25.2	5.6	17.2	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	20.2	10.3	13.9	---	---	---	11.4	5.7	7.9	8.6	4.9	6.9
2	22.8	16.1	21.3	16.4	10.6	14.2	11.4	6.9	8.8	5.3	2.1	3.6
3	22.7	8.6	13.8	15.6	8.6	11.5	11.0	7.2	8.9	4.5	1.3	2.5
4	20.4	9.9	13.5	16.4	9.7	14.0	11.9	7.7	10.4	5.2	1.2	2.6
5	22.6	19.6	20.5	17.6	14.8	16.6	10.9	7.6	9.8	5.4	1.5	2.7
6	---	---	---	17.1	13.2	15.8	15.0	9.7	12.8	9.7	1.5	3.8
7	---	---	---	15.7	5.0	9.6	17.9	9.7	14.4	7.2	1.6	3.6
8	---	---	---	12.1	2.7	4.7	15.0	8.6	11.4	7.2	1.6	3.7
9	---	---	---	6.0	2.2	3.9	17.3	7.9	14.6	8.8	1.6	5.2
10	---	---	---	4.3	1.7	3.0	14.2	9.3	11.2	11.8	2.8	6.3
11	---	---	---	5.2	2.9	4.2	15.7	7.8	11.0	11.8	4.9	8.7
12	---	---	---	14.7	2.4	8.8	15.3	9.0	11.6	16.1	8.8	11.8
13	---	---	---	13.5	5.6	10.0	9.9	2.6	4.2	15.3	8.4	10
14	---	---	---	14.8	7.5	11.1	5.2	1.3	2.0	16.0	10.5	13.3
15	---	---	---	15.6	8.3	12.2	18.7	1.4	8.6	15.7	6.4	12.7
16	---	---	---	16.8	10.5	14.9	22.3	14.4	20.6	9.1	4.7	7.2
17	---	---	---	16.6	11.0	13.1	14.9	9.4	11.2	5.2	4.3	4.5
18	16.1	2.4	10.0	15.4	11.8	13.8	15.6	9.7	12.8	6.0	4.0	5.0
19	18.2	7.4	12.1	15.4	10.7	12.6	17.7	8.9	13.3	4.5	3.7	4.1
20	17.2	8.6	14.4	13.5	9.1	11.0	18.4	8.6	13.0	4.3	3.0	3.6
21	17.9	9.3	14.0	10.1	3.5	7.2	18.7	9.7	16.4	3.2	2.4	2.8
22	17.3	12.6	14.7	9.9	2.9	4.9	18.4	15.2	17.8	4.4	2.0	2.9
23	18.3	14.1	16.1	16.5	7.5	13.0	17.7	15.0	16.6	5.0	2.3	3.3
24	20.5	17.9	19.5	17.5	12.6	15.6	17.9	14.4	16.4	4.8	2.8	3.6
25	---	---	---	22.3	14.4	17.0	18.4	15.0	16.4	3.2	2.5	3.0
26	---	---	---	17.9	13.3	15.2	15.8	9.8	13.3	2.9	1.7	2.2
27	---	---	---	18.0	11.7	14.3	14.2	8.3	10.6	3.1	1.6	2.3
28	---	---	---	20.6	12.1	16.3	12.7	7.8	10.9	2.8	1.0	1.5
29	---	---	---	18.3	12.2	15.5	14.4	10.7	12.1	1.8	0.8	1.1
30	---	---	---	15.4	8.6	12.2	15.1	8.4	11.2	4.8	1.7	3.8
31	---	---	---	15.2	8.1	10.7	---	---	---	6.6	2.7	4.9
MONTH	---	---	---	---	---	---	22.3	1.3	12.0	16.1	0.8	4.9

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	1.9	3.8	0.6	0.4	0.5	---	---	---	14.6	12.9	13.6
2	5.9	1.9	4.1	1.2	0.4	0.6	---	---	---	17.2	13.5	14.7
3	6.2	1.5	3.5	1.7	0.4	0.8	---	---	---	17.9	15.5	16.9
4	5.3	1.1	2.5	2.0	0.4	0.9	---	---	---	18.4	14.5	16.7
5	4.5	0.8	2.5	1.5	0.4	0.7	---	---	---	18.2	13.4	16.3
6	4.1	0.8	1.8	0.5	0.4	0.5	---	---	---	16.5	9.3	13.4
7	2.8	1.2	1.6	0.5	0.3	0.4	---	---	---	13.7	6.5	10.3
8	2.0	1.2	1.5	0.3	0.3	0.3	---	---	---	12.6	7.0	10.6
9	1.5	1.2	1.3	0.4	0.3	0.3	---	---	---	14.5	11.4	13.2
10	1.7	1.1	1.5	0.4	0.3	0.3	---	---	---	15.8	10.9	13.4
11	1.2	0.9	1.1	0.4	0.3	0.3	---	---	---	17.1	10.6	14.1
12	1.3	0.7	1.0	0.3	0.2	0.3	---	---	---	18.0	10.6	15.9
13	1.3	0.8	1.0	0.4	0.2	0.3	---	---	---	17.6	14.5	16.2
14	2.4	0.9	1.6	1.1	0.3	0.4	---	---	---	19.3	15.7	18.1
15	3.0	1.1	1.8	1.0	0.3	0.6	---	---	---	---	---	---
16	4.3	1.2	2.5	2.2	0.3	0.9	---	---	---	---	---	---
17	2.3	1.2	1.8	4.8	0.3	1.4	---	---	---	---	---	---
18	4.7	1.0	2.4	1.4	0.3	0.6	---	---	---	---	---	---
19	4.3	0.6	1.9	10.3	0.3	4.1	---	---	---	---	---	---
20	3.5	0.5	1.7	15.8	2.4	10.7	---	---	---	---	---	---
21	2.3	0.5	1.2	15.5	2.4	8.8	---	---	---	---	---	---
22	3.4	0.7	2.1	17.2	12.8	15.4	---	---	---	---	---	---
23	4.0	0.9	2.5	17.0	14.7	16.2	---	---	---	---	---	---
24	4.0	1.1	2.3	16.3	13.2	15.3	---	---	---	---	---	---
25	1.3	0.8	1.2	13.9	10.5	12.9	---	---	---	---	---	---
26	0.9	0.4	0.5	13.6	6.0	10.7	16.9	10.8	14.1	---	---	---
27	0.7	0.4	0.5	9.9	4.9	7.3	15.5	10.2	13.2	---	---	---
28	0.5	0.3	0.4	9.1	4.8	7.3	14.7	9.7	12.5	---	---	---
29	0.6	0.3	0.4	12.1	4.8	8.2	16.4	10.6	14.4	---	---	---
30	0.7	0.4	0.5	12.8	5.0	10.1	16.9	11.9	14.9	---	---	---
31	---	---	---	12.6	6.3	9.6	14.4	12.4	13.8	---	---	---
MONTH	8.0	0.3	1.8	17.2	0.2	4.7	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.4	21.1	21.7	23.9	22.5	23.1	14.2	13.8	14.0	14.8	13.9	14.2
2	21.8	20.6	21.0	24.3	23.1	23.4	14.4	14.1	14.3	15.3	14.6	14.9
3	21.3	20.0	20.6	24.0	23.4	23.9	14.9	14.2	14.6	16.4	15.1	15.5
4	22.3	21.3	21.7	24.4	23.9	24.2	15.6	14.8	15.3	18.3	15.8	16.7
5	24.1	22.1	22.9	24.7	24.1	24.4	15.7	14.2	15.2	18.4	16.9	17.8
6	25.4	23.6	24.1	24.8	24.5	24.7	14.2	11.8	12.7	16.9	13.1	14.9
7	25.8	24.5	24.9	24.8	24.4	24.7	12.6	11.2	12.0	13.1	10.8	11.5
8	26.1	25.4	25.8	24.4	23.1	23.6	12.3	11.3	12.0	10.9	10.5	10.7
9	26.4	25.5	25.9	23.2	22.2	22.7	14.2	12.0	12.8	11.6	10.9	11.2
10	25.9	25.2	25.5	22.6	21.8	22.2	14.0	12.6	13.1	11.1	10.0	10.6
11	25.3	24.9	25.1	23.1	22.0	22.3	12.9	11.2	12.3	10.6	9.5	10.1
12	25.2	24.3	24.7	23.5	22.8	23.0	12.7	11.2	12.3	11.1	10.4	10.8
13	25.1	24.5	24.8	23.7	20.2	22.6	12.9	12.6	12.8	12.1	11.1	11.7
14	25.5	24.6	25.0	20.2	18.7	19.2	12.9	11.8	12.3	12.8	12.1	12.4
15	24.8	23.0	23.6	19.7	18.7	19.0	12.5	11.3	12.0	13.2	12.7	12.9
16	23.2	21.9	22.4	20.2	19.6	19.9	13.2	12.5	12.8	14.8	13.1	13.8
17	23.5	22.6	22.8	21.5	20.2	20.7	12.6	11.0	11.6	15.4	14.3	15.0
18	23.0	21.9	22.5	22.0	20.7	21.4	11.4	10.1	11.0	---	---	---
19	22.8	21.3	22.0	20.7	17.4	18.9	11.8	10.8	11.3	---	---	---
20	22.6	22.1	22.3	18.3	16.9	17.9	12.2	10.9	11.9	---	---	---
21	22.9	22.6	22.7	18.2	17.7	18.0	12.6	10.5	11.9	13.0	11.6	12.5
22	23.2	22.9	23.0	19.2	17.9	18.5	14.3	12.1	12.9	13.1	12.1	12.7
23	23.4	22.9	23.2	20.5	18.7	19.3	14.1	13.5	13.8	13.5	12.5	13.1
24	24.0	23.3	23.5	20.4	15.6	17.5	13.5	12.8	13.1	13.9	13.2	13.5
25	24.2	23.8	24.0	15.7	14.3	15.1	13.0	11.9	12.4	15.6	13.8	14.7
26	24.6	23.9	24.3	15.9	14.4	14.9	12.5	11.7	12.1	15.9	15.5	15.7
27	24.5	21.3	22.8	16.8	15.9	16.4	13.3	12.3	12.7	15.8	12.0	13.9
28	21.3	20.2	20.8	17.0	13.5	15.3	14.4	13.3	13.6	12.0	10.8	11.3
29	21.0	20.2	20.6	13.8	12.8	13.4	15.4	14.4	15.0	11.7	10.6	11.1
30	22.1	20.8	21.2	13.8	12.5	13.2	14.5	13.8	14.1	12.2	11.6	11.8
31	22.8	21.6	22.3	---	---	---	14.1	13.5	13.9	11.8	11.3	11.6
MONTH	26.4	20.0	23.2	24.8	12.5	20.1	15.7	10.1	13.0	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	12.7	11.1	11.8	---	---	---	21.5	20.0	20.5	23.6	21.8	22.3
2	13.1	12.4	12.8	16.8	16.6	16.7	21.5	20.4	20.9	23.4	22.3	22.8
3	13.1	11.8	12.4	19.0	16.6	18.1	21.6	20.6	21.0	23.3	21.4	22.2
4	12.9	11.5	12.1	20.4	18.6	19.6	22.6	21.1	21.6	23.1	20.9	21.7
5	15.3	12.9	13.9	21.3	19.9	20.6	22.6	21.1	21.7	24.5	21.4	22.4
6	---	---	---	21.7	20.9	21.2	21.8	20.7	21.3	24.6	22.5	23.2
7	---	---	---	23.0	21.6	22.3	22.7	21.0	21.6	25.8	23.9	24.8
8	---	---	---	21.8	20.5	21.2	23.5	21.9	22.5	26.8	25.1	25.8
9	---	---	---	20.5	18.7	19.8	24.7	22.7	23.1	27.3	26.1	26.7
10	---	---	---	18.8	17.2	17.8	25.6	23.9	24.4	27.1	26.2	26.6
11	---	---	---	18.2	16.7	17.5	25.2	23.8	24.3	27.0	26.3	26.6
12	---	---	---	18.6	17.3	17.8	23.8	20.9	22.8	27.2	25.8	26.5
13	---	---	---	18.9	18.0	18.6	21.1	17.5	18.9	27.2	26.0	26.6
14	---	---	---	19.1	18.7	18.9	18.4	16.8	17.6	27.7	26.2	26.9
15	---	---	---	19.2	18.8	18.9	18.8	17.5	18.0	27.2	25.6	26.2
16	---	---	---	20.1	19.0	19.5	20.5	18.8	19.5	26.9	25.2	25.8
17	---	---	---	20.8	19.7	20.3	22.5	20.5	21.2	27.8	25.6	26.5
18	12.8	11.4	12.0	22.1	20.0	20.4	23.8	21.4	22.3	28.2	26.6	27.3
19	14.0	12.1	12.8	22.9	21.0	21.7	24.2	22.0	23.0	28.4	26.8	27.5
20	14.7	13.7	14.2	24.0	22.2	22.7	24.0	22.6	23.2	28.4	27.2	27.8
21	16.1	14.6	15.4	24.3	22.3	23.4	24.4	22.7	23.5	28.6	27.5	27.8
22	16.8	15.6	16.1	22.3	19.8	20.7	25.1	23.4	24.2	29.6	27.8	28.5
23	17.4	16.2	16.9	20.4	18.5	19.2	25.8	24.5	25.2	29.0	27.9	28.4
24	16.9	16.5	16.7	19.5	18.2	18.9	26.1	25.0	25.6	29.2	27.8	28.5
25	---	---	---	20.6	19.1	19.8	26.2	25.6	25.9	29.3	27.9	28.6
26	---	---	---	21.5	20.1	20.7	26.0	24.9	25.6	29.0	27.8	28.3
27	---	---	---	22.4	21.1	21.8	24.9	23.8	24.1	28.7	27.2	27.9
28	---	---	---	23.2	22.0	22.5	24.2	23.5	23.9	28.5	26.6	27.6
29	---	---	---	23.6	22.8	23.1	23.6	22.7	23.2	29.1	27.8	28.4
30	---	---	---	23.9	22.6	23.1	23.6	22.3	22.7	29.2	27.8	28.5
31	---	---	---	22.7	21.2	22.3	---	---	---	29.1	28.0	28.5
MONTH	---	---	---	---	---	---	26.2	16.8	22.4	29.6	20.9	26.4

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.6	28.2	28.9	30.2	28.8	29.7	---	---	---	30.4	29.4	29.6
2	29.5	27.9	28.5	30.3	29.1	29.6	---	---	---	30.9	29.3	30.0
3	28.8	27.6	28.1	30.7	29.3	29.9	---	---	---	30.8	30.0	30.5
4	29.3	27.6	28.2	31.1	29.5	30.2	---	---	---	30.6	29.6	30.1
5	29.2	28.1	28.6	31.5	30.4	30.9	---	---	---	30.7	29.8	30.2
6	29.7	28.0	28.7	31.6	30.9	31.3	---	---	---	30.6	29.4	30.1
7	29.6	28.3	28.9	31.4	30.5	30.8	---	---	---	30.3	29.1	29.7
8	30.1	28.8	29.4	30.5	29.4	29.8	---	---	---	32.2	28.7	29.4
9	30.5	29.2	29.8	29.5	28.7	29.1	---	---	---	29.9	29.0	29.5
10	31.4	29.4	30.1	30.2	28.9	29.5	---	---	---	30.4	28.8	29.6
11	31.4	29.8	30.4	30.8	29.3	29.9	---	---	---	30.1	28.9	29.5
12	31.6	29.7	30.3	30.8	29.4	30.2	---	---	---	29.5	28.1	28.9
13	30.6	29.7	30.1	30.5	29.3	29.9	---	---	---	28.6	27.7	28.2
14	29.9	28.8	29.2	30.6	29.0	29.6	---	---	---	28.6	27.6	28.1
15	29.8	28.3	28.9	31.4	29.5	30.3	---	---	---	28.0	25.4	26.9
16	30.3	28.5	29.4	31.0	29.6	30.3	---	---	---	26.6	25.0	25.9
17	31.0	28.9	29.5	30.7	29.4	30.2	---	---	---	28.0	26.5	26.9
18	31.5	30.4	30.9	30.6	29.1	29.7	---	---	---	29.3	27.4	28.4
19	31.6	30.4	30.9	30.2	28.7	29.3	---	---	---	29.0	27.8	28.3
20	31.7	30.2	30.6	30.9	29.1	29.4	---	---	---	28.3	26.9	27.5
21	31.0	29.8	30.3	30.9	29.5	29.9	---	---	---	26.9	26.1	26.5
22	30.6	29.3	30.0	29.9	29.4	29.5	---	---	---	26.1	25.2	25.7
23	30.7	29.6	30.1	29.8	29.6	29.7	---	---	---	26.5	25.2	25.9
24	30.2	29.4	29.8	30.3	29.8	30.1	---	---	---	26.9	25.8	26.4
25	29.5	28.5	28.9	31.1	30.2	30.5	---	---	---	27.7	26.5	27.0
26	28.6	28.0	28.3	31.4	30.4	30.9	31.6	30.3	31.0	27.2	26.2	26.8
27	29.6	27.9	28.7	31.4	29.9	30.5	31.8	30.5	31.1	26.9	26.0	26.5
28	30.0	28.6	29.3	31.6	29.9	30.7	31.0	30.4	30.7	26.9	26.2	26.4
29	29.8	28.8	29.2	32.4	30.9	31.4	30.7	30.0	30.4	26.7	25.8	26.2
30	30.2	28.6	29.4	32.8	31.4	32.0	30.2	29.6	29.9	27.4	26.2	26.7
31	---	---	---	33.0	31.5	32.2	29.8	29.2	29.5	---	---	---
MONTH	31.7	27.6	29.4	33.0	28.7	30.2	---	---	---	32.2	25.0	28.0

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA

LOCATION.--Lat 29° 23'54", long 90° 02'28", Lafourche Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform approximately 10.7 mi north northwest of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.32 ft below NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.24 ft above NAVD 88 (GEOID96). Prior to Oct. 1, 1996, datum of gage was 16.13 ft below NAVD 88 (GEOID96).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.18 ft, Oct. 3, 2002; minimum recorded gage height, -1.60 ft, Jan. 7, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.22 ft, Sept. 23; minimum gage height, -0.65 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.13	1.03	1.58	2.26	1.21	1.72	0.90	0.47	0.70	1.47	0.68	1.07
2	2.23	0.73	1.49	2.07	1.18	1.63	0.98	0.49	0.68	1.57	0.53	1.06
3	2.29	0.98	1.65	1.78	1.32	1.57	1.36	0.85	1.08	1.66	0.44	1.07
4	2.24	1.08	1.69	1.87	1.55	1.68	1.49	0.69	1.12	1.84	0.58	1.18
5	2.08	0.99	1.56	1.75	1.49	1.63	1.31	0.40	0.76	1.56	0.53	0.99
6	2.06	1.22	1.60	1.66	1.27	1.43	0.99	-0.15	0.46	1.16	-0.30	0.43
7	2.14	1.47	1.82	1.75	0.86	1.30	1.37	-0.12	0.54	1.47	0.03	0.64
8	1.90	1.53	1.74	1.79	0.94	1.37	1.62	0.17	0.83	1.67	0.26	0.89
9	2.13	1.72	1.89	1.91	0.73	1.27	2.21	0.58	1.32	1.67	0.21	0.80
10	2.61	2.07	2.32	2.13	0.98	1.48	2.09	-0.11	0.68	1.19	-0.21	0.41
11	2.37	1.47	1.86	2.14	0.83	1.47	1.66	0.15	0.77	1.24	0.12	0.64
12	2.35	1.38	1.81	2.14	0.85	1.45	1.70	0.31	1.00	1.02	0.26	0.65
13	2.38	1.41	1.88	2.01	0.51	1.20	1.71	0.96	1.36	0.98	0.43	0.74
14	2.34	1.18	1.71	2.06	0.87	1.42	1.56	0.36	0.91	1.07	0.71	0.89
15	1.98	1.12	1.53	2.15	0.91	1.51	1.65	0.68	1.16	1.16	0.69	0.89
16	2.14	1.00	1.54	2.17	1.08	1.63	1.72	-0.12	0.97	1.75	0.40	1.09
17	2.01	0.93	1.49	2.30	1.31	1.75	0.58	-0.29	0.08	2.26	0.79	1.55
18	1.75	0.95	1.37	2.61	1.40	2.18	0.79	0.31	0.50	1.76	0.94	1.33
19	2.07	1.08	1.60	1.40	0.34	0.72	0.74	-0.31	0.22	1.28	-0.12	0.62
20	2.13	0.95	1.57	1.48	0.72	1.09	1.27	-0.25	0.47	1.46	-0.16	0.62
21	1.78	1.03	1.42	1.52	0.82	1.16	1.59	-0.09	0.69	1.41	-0.21	0.58
22	1.27	0.83	1.11	2.02	0.47	1.17	1.88	0.04	0.89	1.41	-0.24	0.51
23	1.48	1.08	1.30	2.31	0.82	1.55	1.80	0.34	0.98	1.30	-0.05	0.62
24	1.71	1.11	1.40	2.17	-0.27	0.70	1.68	-0.31	0.56	1.56	0.28	0.82
25	2.10	1.04	1.50	2.36	0.35	1.18	1.68	0.15	0.86	1.75	1.09	1.43
26	2.08	0.68	1.32	2.56	0.57	1.45	1.57	0.10	0.79	1.63	1.12	1.32
27	2.00	0.49	1.18	2.74	1.05	1.84	1.53	0.37	0.95	1.15	-0.12	0.29
28	2.08	0.59	1.33	2.37	-0.60	0.42	1.64	0.67	1.19	0.73	-0.18	0.28
29	2.30	0.66	1.34	1.11	0.13	0.67	1.93	0.65	1.39	1.09	-0.03	0.55
30	2.49	0.92	1.63	1.22	0.21	0.69	1.29	0.54	0.93	1.48	0.43	0.90
31	2.06	0.76	1.42	---	---	---	1.33	0.88	1.11	1.80	0.40	1.09
MONTH	2.61	0.49	1.57	2.74	-0.60	1.34	2.21	-0.31	0.84	2.26	-0.30	0.84

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.96	0.95	1.47	1.82	0.67	1.24	1.30	0.39	0.87	1.62	0.85	1.37
2	1.80	0.65	1.22	1.69	0.66	1.19	1.22	0.38	0.81	1.41	0.50	0.96
3	1.40	0.12	0.76	1.81	0.60	1.18	1.14	0.55	0.80	1.25	0.26	0.80
4	2.37	0.44	1.13	2.10	1.00	1.50	1.00	0.64	0.82	1.43	0.25	0.88
5	2.37	1.23	1.67	2.09	1.14	1.59	1.37	0.77	1.05	1.63	0.16	0.99
6	2.23	0.34	1.03	1.98	0.96	1.28	1.57	0.88	1.25	1.85	0.16	1.10
7	0.98	-0.22	0.22	1.38	0.35	0.69	1.86	0.48	1.32	1.87	0.24	1.09
8	0.84	0.00	0.35	0.84	0.17	0.39	1.67	0.35	1.06	1.88	0.21	1.08
9	0.96	0.14	0.58	0.64	-0.14	0.42	1.79	0.21	1.06	2.09	0.25	1.26
10	0.96	0.56	0.76	0.82	-0.22	0.30	1.70	0.30	1.05	2.31	0.80	1.60
11	1.63	0.87	1.23	0.95	-0.03	0.48	2.31	0.50	1.50	2.35	1.09	1.77
12	1.08	0.33	0.85	1.22	-0.16	0.59	1.87	0.60	1.30	2.34	1.47	1.94
13	1.11	0.05	0.58	1.45	0.05	0.79	0.60	-0.52	0.00	2.24	1.63	1.95
14	1.59	0.17	0.86	1.66	0.17	0.95	0.57	-0.65	0.00	2.22	1.83	1.94
15	0.72	-0.54	0.10	1.75	0.28	1.04	0.68	-0.33	0.18	2.27	1.45	1.91
16	1.07	-0.54	0.23	1.62	0.32	1.01	0.83	0.13	0.41	2.11	1.35	1.77
17	1.01	-0.42	0.30	1.66	0.53	1.11	0.85	0.42	0.62	2.19	1.31	1.81
18	0.96	-0.61	0.13	1.60	0.65	1.14	0.93	0.40	0.70	2.44	1.06	1.82
19	1.37	-0.24	0.45	1.53	0.63	1.03	1.30	0.36	0.87	2.39	1.00	1.76
20	1.46	0.25	0.84	1.42	0.88	1.03	1.37	0.42	0.89	2.23	0.83	1.61
21	1.42	0.29	0.85	1.21	0.43	0.76	1.79	0.60	1.26	2.00	0.81	1.44
22	1.50	0.80	1.04	0.87	0.41	0.69	1.97	0.90	1.44	2.29	0.82	1.64
23	1.84	1.12	1.44	1.66	0.76	1.26	1.91	0.81	1.36	2.46	1.10	1.83
24	1.97	1.34	1.76	1.70	0.83	1.29	2.15	0.80	1.45	2.32	1.27	1.79
25	1.61	0.87	1.40	2.01	0.99	1.53	2.03	0.74	1.39	2.16	1.12	1.63
26	1.10	0.29	0.75	1.84	0.84	1.35	1.37	0.56	1.04	1.95	1.03	1.51
27	0.92	0.09	0.52	1.88	0.73	1.34	1.41	0.08	0.82	1.68	1.11	1.43
28	1.31	-0.03	0.65	1.92	1.04	1.44	1.78	0.44	1.17	1.69	1.11	1.43
29	1.50	0.43	1.02	1.80	0.78	1.29	1.70	1.08	1.35	1.73	1.25	1.50
30	---	---	---	1.66	0.42	1.11	1.68	1.17	1.48	2.37	1.73	2.08
31	---	---	---	1.13	0.54	0.77	---	---	---	2.36	1.16	1.84
MONTH	2.37	-0.61	0.83	2.10	-0.22	1.03	2.31	-0.65	0.98	2.46	0.16	1.53
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.40	0.98	1.75	2.28	0.45	1.45	2.16	0.65	1.47	1.16	0.89	1.03
2	2.56	0.89	1.76	2.26	0.41	1.38	1.83	0.57	1.21	1.42	0.88	1.11
3	2.20	0.47	1.49	2.25	0.41	1.41	1.58	0.69	1.14	1.71	0.98	1.27
4	2.06	0.36	1.25	2.08	0.56	1.36	1.34	0.70	1.07	1.85	0.86	1.37
5	2.00	0.26	1.20	1.98	0.65	1.37	0.98	0.68	0.84	1.81	0.74	1.25
6	2.00	0.31	1.26	1.68	0.73	1.21	1.02	0.49	0.72	1.52	0.30	0.95
7	2.01	0.69	1.41	1.59	0.68	1.12	1.36	0.61	0.93	1.22	-0.01	0.64
8	1.98	0.83	1.44	1.35	0.99	1.18	1.90	0.84	1.38	1.18	0.17	0.72
9	1.76	1.02	1.44	1.51	1.03	1.25	2.13	0.75	1.41	1.62	0.49	1.08
10	1.60	1.34	1.49	1.58	0.70	1.19	1.83	0.59	1.24	1.37	0.44	0.95
11	1.60	1.14	1.41	1.76	0.68	1.26	1.84	0.75	1.28	1.74	0.85	1.28
12	1.67	1.03	1.38	1.52	0.31	0.99	1.83	0.22	1.15	2.02	1.11	1.59
13	1.93	1.19	1.58	1.56	0.35	1.00	1.33	0.12	0.75	1.98	1.37	1.63
14	2.23	1.05	1.69	1.88	0.31	1.05	1.50	0.24	0.88	2.41	1.67	2.12
15	2.32	1.04	1.70	1.79	0.33	1.10	1.55	0.31	0.97	2.67	0.06	1.91
16	2.56	0.93	1.80	1.73	0.25	1.01	1.50	0.41	0.99	2.17	0.23	1.85
17	2.22	0.78	1.58	1.53	0.12	0.91	1.47	0.41	1.00	2.07	1.46	1.76
18	2.09	0.64	1.44	1.19	0.10	0.67	1.42	0.73	1.11	2.18	0.90	1.48
19	1.99	0.57	1.26	1.57	0.10	0.90	1.34	0.98	1.22	2.31	0.98	1.62
20	1.92	0.54	1.25	1.53	0.29	0.98	1.33	1.03	1.17	2.46	1.24	1.82
21	1.96	0.47	1.28	1.44	0.60	1.05	1.33	0.62	0.98	2.59	1.44	1.99
22	1.98	0.74	1.40	1.15	0.55	0.90	1.44	0.49	0.99	2.81	1.44	2.14
23	1.91	0.82	1.40	1.01	0.69	0.86	1.62	0.43	1.03	3.22	1.75	2.48
24	1.94	0.93	1.45	1.21	0.74	0.98	1.76	0.38	1.07	2.57	1.19	1.96
25	1.73	1.02	1.40	1.22	0.43	0.88	1.77	0.28	1.05	2.10	1.02	1.62
26	1.40	0.97	1.17	1.41	0.24	0.90	1.74	0.32	1.05	1.88	1.04	1.48
27	1.73	0.73	1.27	1.64	0.18	0.94	1.87	0.44	1.17	1.72	0.88	1.32
28	1.85	0.65	1.26	1.71	0.17	0.97	1.86	0.47	1.19	1.10	0.79	0.93
29	2.01	0.63	1.27	1.97	0.18	1.12	1.77	0.52	1.15	1.37	0.77	1.05
30	2.14	0.62	1.43	2.09	0.39	1.27	1.61	0.54	1.13	1.66	0.60	1.05
31	---	---	---	2.22	0.63	1.46	1.40	0.65	1.04	---	---	---
MONTH	2.56	0.26	1.43	2.28	0.10	1.10	2.16	0.12	1.09	3.22	-0.01	1.45

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1994 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: October 1994 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 25-Nov. 27 when records good; Nov. 28-Dec. 2 when records fair.

SALINITY: Records excellent except for Nov. 2-Nov. 28 when records good; Nov. 29-Dec. 2 when records fair.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 50,100 microsiemens/cm, Oct. 23, 2000; minimum, 503 microsiemens/cm, July 15, 2004.

SALINITY: Maximum, 26.2 ppt, Nov. 18, 2003; Minimum, 0.2 ppt, July 15, 2004.

WATER TEMPERATURE: Maximum, 35.2°C, Aug. 9, 1995; minimum 3.0°C, Jan. 4, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 40,900 microsiemens/cm, Nov. 18; minimum, 503 microsiemens/cm, July 15.

SALINITY: Maximum, 26.2 ppt, Nov. 18; minimum, 0.2 ppt, July 15.

WATER TEMPERATURE: Maximum, 33.1°C, July 30; minimum, 8.8°C, Jan. 7, 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19,200	17,300	18,300	32,500	28,200	30,600	20,700	18,500	19,500	20,200	17,900	19,100
2	20,200	16,700	18,300	32,800	29,900	31,500	20,000	13,100	15,400	21,500	17,600	19,100
3	23,100	17,300	20,000	32,300	29,400	31,000	21,300	15,400	17,000	22,400	17,200	19,300
4	24,400	19,100	22,000	31,400	29,500	30,600	22,100	20,100	21,200	24,500	17,300	20,400
5	24,800	20,500	22,800	30,400	28,100	29,200	21,900	11,700	15,400	24,300	17,800	19,800
6	24,900	20,600	23,000	30,400	27,100	28,400	12,600	6,680	8,040	19,100	2,700	8,210
7	26,200	21,700	24,600	28,300	22,100	24,900	15,100	7,010	8,970	7,370	2,600	5,140
8	25,700	24,500	25,200	26,800	21,400	23,700	19,400	9,480	13,600	17,000	5,570	9,670
9	28,600	25,000	26,400	25,100	20,200	23,100	32,000	14,300	21,600	24,300	12,900	18,600
10	30,400	28,000	29,000	27,800	23,800	25,400	31,800	14,600	19,500	19,800	4,750	8,470
11	29,800	26,000	27,500	30,200	24,500	27,200	19,900	13,100	16,900	13,700	8,100	11,200
12	26,800	19,900	23,500	31,300	24,600	28,500	21,900	15,300	18,600	14,300	10,500	12,600
13	25,100	21,700	23,300	33,900	21,500	27,200	24,000	17,200	20,200	19,100	13,900	15,300
14	24,900	19,500	22,000	28,000	21,500	26,000	17,700	8,980	12,700	28,400	17,300	21,600
15	21,200	16,600	19,300	31,800	26,200	29,500	19,100	14,400	15,800	29,400	19,300	26,300
16	21,200	17,800	19,500	34,900	28,800	32,600	22,500	10,600	17,500	25,200	16,800	21,100
17	21,200	17,800	19,700	36,800	32,100	34,500	10,600	6,580	7,810	28,500	22,000	25,100
18	18,600	13,400	16,200	40,900	35,100	38,300	10,800	6,190	7,540	28,000	20,900	23,200
19	19,300	15,300	17,700	36,000	26,000	30,200	11,900	6,120	8,050	22,000	12,100	14,400
20	21,400	17,500	19,600	28,900	23,800	26,100	17,100	7,660	11,200	14,200	10,600	12,400
21	22,600	15,900	20,000	28,900	25,100	27,000	22,200	10,800	14,800	14,800	9,370	11,900
22	19,300	14,200	16,100	29,900	25,000	26,900	27,300	15,200	20,300	14,400	8,700	11,200
23	26,100	13,600	21,900	34,000	26,800	29,600	27,900	17,500	21,800	15,900	8,890	12,400
24	28,000	22,700	25,900	34,000	21,400	25,100	17,900	13,000	15,200	18,700	11,400	15,400
25	30,100	23,100	26,800	31,000	21,100	22,900	20,400	14,100	17,100	26,000	18,700	21,300
26	30,600	24,300	26,800	33,300	24,000	28,500	21,800	15,300	18,600	27,200	20,600	24,700
27	26,300	14,700	19,900	37,100	28,000	32,100	23,900	17,600	20,400	20,600	10,800	13,100
28	24,400	18,000	21,500	33,700	18,500	24,500	25,500	18,700	22,500	11,200	4,800	7,920
29	28,700	22,900	25,800	21,100	17,800	19,700	30,900	20,500	26,200	9,330	6,080	7,280
30	32,700	25,100	28,500	21,100	18,700	20,000	21,000	18,200	19,700	14,100	8,140	10,300
31	31,200	26,000	28,600	---	---	---	21,000	18,500	19,400	19,200	8,200	12,300
MONTH	32,700	13,400	22,600	40,900	17,800	27,800	32,000	6,120	16,500	29,400	2,600	15,400

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	24,500	8,980	15,500	20,200	7,600	13,300	15,800	10,600	13,000	20,200	8,710	15,300
2	24,500	13,400	18,100	17,900	10,500	14,500	15,800	11,700	13,400	11,400	4,110	7,550
3	24,500	9,280	14,500	18,200	11,400	14,700	14,900	11,600	12,600	5,390	2,540	3,980
4	20,400	11,500	14,500	21,900	14,300	18,400	13,000	10,600	12,200	4,730	2,520	3,430
5	32,700	18,100	23,100	25,700	20,700	22,700	15,700	11,700	13,300	5,520	2,550	4,120
6	33,200	15,200	22,900	25,700	18,200	21,600	20,700	13,800	18,200	6,960	2,200	4,690
7	15,200	3,480	7,740	18,500	8,630	13,100	21,900	16,000	19,500	8,340	2,560	5,230
8	5,050	3,520	4,330	11,500	4,680	7,530	21,000	14,100	16,600	8,400	2,490	4,920
9	5,460	3,820	4,530	5,620	3,070	4,780	19,800	12,800	16,600	9,260	2,860	5,870
10	5,430	4,860	5,190	3,650	1,490	2,890	20,000	13,500	17,000	16,100	6,750	10,400
11	11,300	4,330	6,740	5,300	3,070	4,180	21,400	13,600	17,500	20,300	10,300	14,700
12	8,550	2,240	5,300	7,050	2,770	5,000	19,500	12,300	16,900	23,600	17,100	19,900
13	2,950	1,390	2,020	13,200	3,680	7,930	12,300	3,050	6,250	23,600	19,300	21,200
14	2,920	1,460	2,140	16,700	6,280	11,100	3,990	2,710	3,270	23,900	20,200	22,000
15	2,070	1,060	1,340	18,800	9,670	13,700	4,190	2,280	3,380	24,700	17,800	22,200
16	1,570	1,120	1,310	18,900	13,500	15,500	8,720	4,180	5,270	18,900	15,200	17,400
17	2,910	1,090	1,660	19,100	13,400	15,800	9,840	6,770	8,270	17,700	13,200	16,500
18	3,830	1,110	1,600	22,300	15,400	18,200	15,900	9,840	14,100	17,000	12,200	15,000
19	9,620	1,210	3,690	22,500	16,600	18,700	21,000	13,000	17,200	15,600	9,670	13,000
20	19,200	4,060	10,200	21,400	16,900	19,200	21,300	12,400	18,500	13,100	6,190	10,100
21	21,400	9,240	15,700	18,800	8,230	13,900	28,500	17,100	25,200	8,080	4,200	6,170
22	19,900	16,000	17,600	11,000	6,220	8,250	29,900	25,300	28,600	10,600	3,720	6,870
23	27,200	17,300	22,400	16,200	6,130	11,800	29,300	27,500	28,600	14,200	4,210	9,860
24	28,900	25,500	27,700	27,300	11,600	19,600	29,100	25,900	28,300	14,900	8,130	11,200
25	25,500	16,400	21,900	29,300	18,700	26,100	28,800	26,900	28,000	11,800	7,370	8,910
26	16,400	6,120	10,100	29,500	23,700	26,800	27,600	20,500	26,300	8,900	4,630	6,570
27	6,120	4,780	5,430	28,800	24,100	26,700	20,500	14,900	17,300	6,220	3,850	4,750
28	6,790	3,720	5,030	29,600	24,700	27,900	20,900	13,900	17,000	8,400	2,100	4,670
29	13,100	6,400	8,890	28,800	24,000	25,900	23,000	20,400	21,800	19,200	2,460	7,080
30	---	---	---	24,300	17,600	21,900	22,800	19,200	20,800	23,600	19,200	21,900
31	---	---	---	21,900	11,600	15,400	---	---	---	25,300	17,700	22,000
MONTH	33,200	1,060	10,400	29,600	1,490	15,700	29,900	2,280	16,800	25,300	2,100	11,200
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23,200	15,700	19,400	4,740	997	2,850	18,300	11,200	14,700	21,200	18,700	19,500
2	24,300	14,800	19,300	4,660	1,280	2,630	16,000	11,200	13,100	20,400	18,000	19,200
3	17,000	8,100	14,500	4,180	1,280	2,390	13,500	9,450	11,400	20,800	19,900	20,400
4	14,000	5,110	9,520	3,820	1,210	2,270	10,900	8,940	9,990	21,700	19,900	20,800
5	10,200	3,820	7,860	4,370	1,080	2,280	9,260	4,840	6,530	22,100	19,600	20,700
6	8,940	4,000	6,030	2,040	1,060	1,410	5,770	2,700	4,220	20,700	10,600	17,200
7	10,400	3,250	6,430	1,120	895	1,020	5,240	2,220	4,290	16,000	7,300	11,900
8	11,400	3,960	7,430	921	773	823	19,600	4,550	11,900	13,900	9,340	11,800
9	9,290	4,510	7,170	834	642	793	19,000	10,100	13,600	17,400	10,800	14,700
10	7,900	5,600	6,740	894	636	737	20,000	10,300	15,300	18,400	13,400	15,800
11	6,320	2,930	5,010	1,100	616	775	20,800	10,300	16,700	22,700	14,400	19,000
12	9,310	2,700	5,080	655	611	639	21,100	7,160	15,800	29,000	18,800	25,700
13	11,600	3,670	9,590	820	589	667	9,430	3,910	7,100	33,600	26,500	30,500
14	13,400	6,950	11,100	1,020	511	705	8,530	3,820	6,310	36,300	30,700	34,900
15	12,800	6,400	9,840	2,160	503	1,110	10,900	5,650	7,930	36,200	26,400	34,100
16	13,700	6,150	11,100	3,150	535	1,300	12,900	6,940	10,200	33,800	29,100	31,700
17	13,000	6,770	10,500	2,450	631	1,130	15,400	9,080	12,200	33,900	31,600	32,600
18	10,300	5,240	7,810	1,050	580	707	16,900	11,400	14,400	33,900	30,200	32,000
19	5,420	2,680	4,500	2,630	549	1,230	19,200	13,300	17,000	33,600	29,600	31,900
20	5,030	1,810	3,430	3,610	618	1,990	19,700	17,900	18,800	34,100	31,700	33,300
21	5,420	2,240	3,480	6,580	1,320	2,980	19,200	15,200	17,000	35,400	33,200	34,200
22	6,680	2,020	4,100	4,060	1,320	2,260	21,600	15,400	17,900	36,000	33,900	35,200
23	8,600	2,410	5,070	2,920	1,210	1,900	22,800	16,300	19,400	36,400	34,500	35,500
24	10,400	2,740	5,770	6,200	1,360	3,460	24,600	17,100	21,300	36,600	34,300	35,600
25	5,860	3,150	4,520	5,840	2,090	3,730	25,800	18,500	22,300	36,200	32,800	35,300
26	3,150	1,380	2,100	7,690	2,320	4,950	26,600	19,300	22,700	34,200	28,600	32,700
27	3,210	1,350	2,270	9,290	2,760	5,210	27,200	21,000	24,300	30,500	25,900	27,800
28	4,020	1,050	2,230	8,660	3,310	5,730	27,300	21,400	24,400	26,000	23,700	25,200
29	4,010	1,030	2,220	11,700	3,770	7,640	25,900	21,400	23,700	25,500	22,600	24,200
30	4,430	1,010	2,680	14,300	5,560	10,100	24,600	20,300	22,400	25,900	23,300	24,700
31	---	---	---	17,800	7,830	13,100	21,500	18,600	20,100	---	---	---
MONTH	24,300	1,010	7,230	17,800	503	2,860	27,300	2,220	15,100	36,600	7,300	26,300

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11.4	10.2	10.8	20.3	17.4	19.0	12.4	10.9	11.6	12.0	10.5	11.3
2	12.0	9.8	10.8	20.5	18.5	19.6	11.9	7.5	9.0	12.9	10.4	11.4
3	13.9	10.2	11.9	20.2	18.1	19.3	12.8	9.0	10	13.5	10.1	11.5
4	14.8	11.4	13.2	19.5	18.2	19.0	13.3	12.0	12.7	14.8	10.2	12.2
5	15.0	12.2	13.7	18.9	17.3	18.0	13.2	6.6	9.0	14.7	10.5	11.8
6	15.1	12.3	13.9	18.9	16.6	17.5	7.2	3.6	4.5	11.4	1.4	4.6
7	16.0	13.0	14.9	17.4	13.3	15.1	8.8	3.8	5.0	4.1	1.3	2.8
8	15.7	14.8	15.3	16.4	12.9	14.3	11.5	5.3	7.9	10.0	3.0	5.5
9	17.6	15.2	16.1	15.3	12.0	13.9	19.9	8.3	13.0	14.7	7.4	11.0
10	18.9	17.2	17.9	17.1	14.4	15.5	19.8	8.5	11.6	11.8	2.5	4.8
11	18.4	15.9	16.8	18.7	14.8	16.7	11.8	7.5	9.9	7.9	4.5	6.4
12	16.4	11.8	14.2	19.4	14.9	17.6	13.2	8.9	11.0	8.3	6.0	7.2
13	15.3	13.0	14.1	21.2	12.9	16.7	14.5	10.1	12.0	11.4	8.0	8.9
14	15.1	11.6	13.2	17.2	12.9	15.9	10.4	5.0	7.3	17.5	10.2	13.0
15	12.7	9.7	11.4	19.8	16.0	18.2	11.4	8.3	9.2	18.1	11.5	16.1
16	12.7	10.5	11.6	21.9	17.7	20.3	13.5	6.0	10.4	15.3	9.9	12.6
17	12.7	10.5	11.7	23.3	20.0	21.7	6.0	3.6	4.3	17.5	13.2	15.3
18	11.0	7.7	9.4	26.2	22.1	24.3	6.1	3.4	4.2	17.2	12.5	14.0
19	11.5	8.9	10.4	22.7	15.9	18.7	6.8	3.3	4.5	13.2	6.9	8.4
20	12.9	10.3	11.7	17.8	14.4	16.0	10.1	4.2	6.4	8.2	6.0	7.1
21	13.6	9.3	11.9	17.8	15.3	16.5	13.3	6.1	8.6	8.6	5.2	6.8
22	11.5	8.2	9.4	18.5	15.2	16.5	16.7	8.9	12.1	8.3	4.8	6.4
23	15.9	7.8	13.2	21.3	16.4	18.3	17.2	10.3	13.1	9.3	5.0	7.1
24	17.2	13.7	15.8	21.3	12.9	15.3	10.5	7.5	8.8	11.1	6.5	9.0
25	18.7	13.9	16.4	19.2	12.6	13.8	12.1	8.1	10.0	15.9	11.1	12.8
26	19.0	14.7	16.4	20.8	14.5	17.6	13.1	8.9	11.0	16.6	12.3	15.0
27	16.1	8.6	11.9	23.5	17.2	20.0	14.5	10.4	12.2	12.3	6.1	7.5
28	14.8	10.6	12.9	21.1	10.9	14.9	15.5	11.1	13.6	6.3	2.6	4.4
29	17.7	13.8	15.7	12.6	10.5	11.7	19.2	12.2	16.0	5.2	3.3	4.0
30	20.4	15.3	17.6	12.6	11.1	11.9	12.6	10.7	11.7	8.1	4.5	5.8
31	19.4	15.9	17.6	---	---	---	12.6	10.9	11.5	11.4	4.5	7.1
MONTH	20.4	7.7	13.6	26.2	10.5	17.1	19.9	3.3	9.7	18.1	1.3	9.1
FEBRUARY			MARCH			APRIL			MAY			
1	14.8	5.0	9.1	12.0	4.2	7.7	9.2	6.0	7.5	12.0	4.8	8.9
2	14.8	7.7	10.7	10.5	6.0	8.4	9.2	6.6	7.7	6.5	2.2	4.2
3	14.8	5.2	8.4	10.7	6.5	8.5	8.7	6.6	7.2	2.9	1.3	2.1
4	12.1	6.5	8.4	13.2	8.3	10.9	7.5	6.0	6.9	2.5	1.3	1.8
5	20.4	10.7	14.0	15.7	12.4	13.7	9.1	6.6	7.6	3.0	1.3	2.2
6	20.7	8.9	13.8	15.7	10.7	13.0	12.4	7.9	10.8	3.8	1.1	2.5
7	8.9	1.8	4.3	10.9	4.8	7.6	13.2	9.3	11.6	4.6	1.3	2.8
8	2.7	1.8	2.3	6.5	2.5	4.2	12.6	8.1	9.7	4.7	1.3	2.7
9	2.9	2.0	2.4	3.0	1.6	2.6	11.8	7.4	9.7	5.2	1.5	3.2
10	2.9	2.6	2.8	1.9	0.7	1.5	11.9	7.8	10.0	9.4	3.7	5.9
11	6.4	2.3	3.7	2.8	1.6	2.2	12.9	7.8	10.3	12.1	5.8	8.6
12	4.8	1.1	2.9	3.9	1.4	2.7	11.6	7.0	9.9	14.3	10.1	11.9
13	1.5	0.7	1.0	7.6	1.9	4.4	7.0	1.6	3.4	14.3	11.5	12.7
14	1.5	0.7	1.1	9.8	3.4	6.3	2.1	1.4	1.7	14.5	12.0	13.2
15	1.1	0.5	0.7	11.1	5.4	7.9	2.2	1.2	1.8	15.0	10.5	13.3
16	0.8	0.6	0.6	11.2	7.8	9.0	4.9	2.2	2.8	11.2	8.9	10.2
17	1.5	0.5	0.8	11.4	7.7	9.2	5.5	3.7	4.6	10.4	7.6	9.7
18	2.0	0.5	0.8	13.4	9.0	10.7	9.3	5.5	8.2	10.0	7.0	8.7
19	5.4	0.6	2.0	13.5	9.7	11.1	12.6	7.5	10.1	9.1	5.4	7.5
20	11.4	2.1	5.8	12.9	9.9	11.4	12.8	7.1	11.0	7.5	3.4	5.7
21	12.9	5.2	9.2	11.1	4.6	8.0	17.5	10.1	15.3	4.5	2.2	3.4
22	11.8	9.3	10.4	6.2	3.4	4.6	18.5	15.4	17.6	6.0	2.0	3.8
23	16.6	10.2	13.5	9.4	3.3	6.7	18.1	16.9	17.6	8.2	2.2	5.6
24	17.8	15.5	17.0	16.7	6.6	11.7	17.9	15.8	17.4	8.7	4.5	6.4
25	15.5	9.6	13.1	18.1	11.1	15.9	17.7	16.4	17.2	6.7	4.1	5.0
26	9.6	3.3	5.7	18.2	14.4	16.4	16.9	12.2	16.0	5.0	2.5	3.6
27	3.3	2.6	2.9	17.7	14.6	16.4	12.2	8.7	10.2	3.4	2.0	2.5
28	3.7	2.0	2.7	18.3	15.0	17.2	12.5	8.0	10.0	4.7	1.1	2.5
29	7.5	3.5	5.0	17.7	14.5	15.8	13.9	12.1	13.1	11.4	1.3	4.0
30	---	---	---	14.7	10.4	13.1	13.7	11.4	12.4	14.3	11.4	13.2
31	---	---	---	13.2	6.6	9.0	---	---	---	15.4	10.4	13.2
MONTH	20.7	0.5	6.0	18.3	0.7	9.3	18.5	1.2	10.0	15.4	1.1	6.5

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14.0	9.1	11.5	2.5	0.5	1.5	10.8	6.3	8.5	12.7	11.1	11.6
2	14.7	8.6	11.5	2.5	0.6	1.4	9.3	6.3	7.5	12.1	10.6	11.4
3	10.0	4.5	8.4	2.2	0.6	1.2	7.8	5.3	6.5	12.4	11.8	12.1
4	8.1	2.7	5.3	2.0	0.6	1.2	6.2	5.0	5.6	13.0	11.8	12.4
5	5.8	2.0	4.4	2.3	0.5	1.2	5.2	2.6	3.6	13.3	11.7	12.4
6	5.0	2.1	3.3	1.0	0.5	0.7	3.1	1.4	2.2	12.4	6.0	10.1
7	5.9	1.7	3.5	0.6	0.4	0.5	2.8	1.1	2.3	9.3	4.0	6.8
8	6.5	2.1	4.1	0.5	0.4	0.4	11.7	2.4	6.8	8.0	5.2	6.7
9	5.2	2.4	3.9	0.4	0.3	0.4	11.3	5.7	7.8	10.2	6.1	8.6
10	4.4	3.0	3.7	0.4	0.3	0.4	11.9	5.8	8.9	10.9	7.7	9.2
11	3.4	1.5	2.7	0.5	0.3	0.4	12.4	5.8	9.8	13.7	8.3	11.3
12	5.2	1.4	2.7	0.3	0.3	0.3	12.6	3.9	9.2	17.9	11.1	15.7
13	6.6	1.9	5.4	0.4	0.3	0.3	5.3	2.1	3.9	21.0	16.2	18.9
14	7.7	3.8	6.3	0.5	0.3	0.3	4.7	2.0	3.4	22.9	19.0	22.0
15	7.4	3.5	5.5	1.1	0.2	0.6	6.2	3.0	4.4	22.8	16.1	21.4
16	7.9	3.3	6.3	1.6	0.3	0.7	7.4	3.8	5.7	21.2	17.9	19.8
17	7.5	3.7	5.9	1.3	0.3	0.6	9.0	5.1	7.0	21.2	19.6	20.3
18	5.8	2.8	4.3	0.5	0.3	0.3	9.9	6.5	8.4	21.2	18.7	19.9
19	2.9	1.4	2.4	1.4	0.3	0.6	11.4	7.6	10	21.0	18.3	19.8
20	2.7	0.9	1.8	1.9	0.3	1.0	11.7	10.5	11.2	21.4	19.7	20.8
21	2.9	1.1	1.8	3.6	0.7	1.6	11.4	8.9	10.0	22.3	20.7	21.5
22	3.6	1.0	2.2	2.1	0.7	1.2	13.0	9.0	10.6	22.7	21.2	22.1
23	4.8	1.2	2.7	1.5	0.6	1.0	13.7	9.5	11.5	23.0	21.7	22.4
24	5.9	1.4	3.1	3.4	0.7	1.8	14.9	10.1	12.8	23.1	21.5	22.4
25	3.2	1.6	2.4	3.2	1.1	2.0	15.8	10.9	13.4	22.8	20.5	22.2
26	1.6	0.7	1.1	4.2	1.2	2.7	16.3	11.5	13.7	21.5	17.6	20.4
27	1.7	0.7	1.2	5.2	1.4	2.8	16.6	12.6	14.7	18.9	15.8	17.1
28	2.1	0.5	1.1	4.8	1.7	3.1	16.7	12.9	14.8	15.9	14.4	15.4
29	2.1	0.5	1.1	6.6	2.0	4.2	15.8	12.9	14.3	15.5	13.6	14.7
30	2.4	0.5	1.4	8.3	3.0	5.7	14.9	12.1	13.5	15.8	14.1	15.0
31	---	---	---	10.5	4.3	7.5	12.9	11.0	12.0	---	---	---
MONTH	14.7	0.5	4.0	10.5	0.2	1.5	16.7	1.1	8.8	23.1	4.0	16.1

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.2	21.0	21.6	24.7	23.2	23.9	14.5	13.3	13.7	15.7	14.1	14.8
2	21.8	20.6	21.2	25.0	23.7	24.3	15.0	13.7	14.4	16.6	15.2	15.9
3	21.9	19.8	20.8	25.4	23.7	24.4	16.2	14.1	14.7	17.7	16.3	17.0
4	23.5	21.3	22.1	25.1	24.0	24.5	17.3	15.9	16.4	19.1	17.4	18.2
5	24.4	22.4	23.4	26.0	24.7	25.2	16.8	14.1	15.4	19.3	17.2	18.7
6	25.6	23.8	24.5	25.7	24.8	25.3	14.1	11.2	12.1	17.2	11.3	13.6
7	26.5	24.8	25.5	25.6	24.7	25.0	11.7	10.3	11.1	11.9	8.8	10.1
8	27.0	25.9	26.3	24.8	23.3	23.9	12.9	10.9	11.9	10.4	9.5	9.8
9	26.8	25.9	26.4	23.3	22.3	22.8	14.7	12.7	13.5	11.9	10.4	11.1
10	26.6	25.5	25.9	23.0	21.9	22.4	14.7	12.4	13.5	10.8	9.1	9.8
11	25.8	25.3	25.5	23.9	22.2	22.7	12.4	11.1	11.9	10.5	8.9	9.7
12	25.5	24.5	25.0	24.8	23.3	24.0	13.1	11.6	12.4	12.4	9.8	10.7
13	25.7	24.9	25.3	24.5	20.2	22.9	13.3	12.9	13.1	13.0	11.3	11.8
14	26.1	25.0	25.5	20.2	17.9	18.9	13.0	11.7	12.2	14.6	12.2	13.1
15	25.2	22.7	23.5	20.1	18.2	19.0	13.1	11.5	12.2	15.0	13.2	13.9
16	23.3	21.9	22.7	21.4	20.0	20.4	14.1	12.4	13.3	15.0	13.9	14.5
17	24.7	22.5	23.2	22.6	21.0	21.8	12.4	9.1	10.4	15.6	14.8	15.2
18	23.4	21.7	22.4	22.7	21.3	22.4	11.4	9.4	10.4	16.6	15.4	15.9
19	22.6	21.2	22.0	21.3	18.0	19.3	12.0	10.5	11.1	15.7	13.3	14.4
20	23.3	21.7	22.3	18.3	17.0	17.8	12.0	10.6	11.3	13.3	10.7	11.9
21	23.8	22.5	23.1	19.1	17.3	18.3	12.8	10.9	11.8	12.7	10.7	11.9
22	24.1	22.9	23.6	20.2	18.3	19.2	14.5	12.3	13.3	13.3	11.5	12.3
23	24.9	23.2	23.8	21.2	19.4	20.2	14.7	13.9	14.2	14.0	12.4	13.2
24	25.8	24.3	24.9	20.5	14.6	17.3	13.9	12.6	13.3	14.7	13.6	14.1
25	25.0	24.4	24.7	15.2	13.8	14.5	13.2	12.0	12.4	16.2	14.4	15.1
26	25.1	24.4	24.7	16.3	14.4	15.0	13.1	11.7	12.4	15.8	15.4	15.7
27	24.5	21.1	22.4	17.9	16.3	17.1	14.2	12.5	13.4	15.4	11.3	13.5
28	21.1	19.8	20.3	18.0	13.7	15.6	16.1	13.9	14.5	11.3	8.8	10.1
29	21.5	19.9	20.6	13.8	12.8	13.2	16.0	14.8	15.7	11.0	9.3	10.1
30	22.6	21.0	21.8	13.3	12.4	12.9	14.8	13.1	13.8	11.6	10.8	11.1
31	24.2	22.1	23.0	---	---	---	14.5	13.2	13.8	11.5	10.9	11.2
MONTH	27.0	19.8	23.5	26.0	12.4	20.5	17.3	9.1	13.0	19.3	8.8	13.2
FEBRUARY			MARCH			APRIL			MAY			
1	12.2	10.7	11.4	17.6	15.7	16.7	21.0	18.8	20.0	23.8	21.5	22.5
2	13.0	11.8	12.3	19.2	17.2	18.1	21.7	19.5	20.4	23.5	22.0	22.8
3	13.0	11.0	12.0	20.6	18.7	19.6	21.6	20.2	21.0	22.7	20.6	21.8
4	12.5	11.2	11.9	21.3	19.9	20.7	23.3	20.7	21.8	23.7	20.6	21.7
5	16.0	12.5	14.3	22.1	20.7	21.3	22.7	20.8	21.6	24.5	21.4	22.7
6	16.2	14.4	15.5	23.7	21.5	22.3	21.8	20.5	21.1	25.4	22.9	23.8
7	14.6	12.2	13.1	23.2	21.8	22.5	22.8	20.7	21.7	26.1	24.1	25.0
8	12.2	10.3	11.0	21.8	19.1	20.2	23.9	22.0	22.9	27.0	25.0	26.0
9	12.2	10.1	11.1	20.4	18.3	19.3	25.3	22.8	23.8	27.3	26.1	26.7
10	12.6	12.1	12.4	18.3	15.8	16.8	25.9	24.1	25.0	27.2	25.7	26.5
11	13.4	12.5	12.9	18.0	15.6	16.7	25.0	23.3	24.0	26.9	25.9	26.4
12	14.1	12.7	13.7	18.6	17.0	17.6	23.4	20.9	22.5	27.3	25.7	26.5
13	12.7	11.2	11.7	19.2	17.6	18.4	20.9	17.2	18.5	27.4	25.7	26.6
14	11.4	10.8	11.2	19.0	18.6	18.9	19.1	15.8	17.4	27.5	26.2	26.7
15	10.8	9.6	10.2	19.4	18.6	19.0	20.1	16.9	18.6	26.7	25.2	25.9
16	11.3	9.6	10.3	21.3	19.3	20.2	21.8	18.8	20.2	27.0	24.8	25.8
17	12.3	10.1	11.2	21.1	19.8	20.6	23.2	20.6	21.7	27.6	25.9	26.7
18	13.9	10.8	12.0	22.4	20.1	21.2	23.8	21.4	22.5	28.1	26.5	27.3
19	14.9	11.5	13.4	24.0	21.2	22.4	25.0	21.8	23.2	28.7	26.7	27.6
20	16.4	14.1	15.3	24.9	22.4	23.5	24.1	22.5	23.3	29.2	27.0	27.9
21	16.8	15.7	16.2	24.7	22.7	23.7	24.3	22.4	23.3	29.5	27.1	28.1
22	17.2	15.9	16.7	22.7	18.8	19.8	25.1	23.2	24.1	29.2	27.8	28.4
23	17.3	16.5	16.8	18.9	17.0	18.2	25.5	24.2	24.9	28.9	27.5	28.2
24	16.6	16.3	16.5	19.6	17.3	18.6	26.2	24.6	25.4	29.0	27.4	28.1
25	17.2	16.0	16.6	20.5	18.8	19.6	26.4	25.4	25.8	29.5	27.6	28.5
26	16.9	13.7	15.0	21.7	19.6	20.6	25.8	24.9	25.3	28.6	27.3	28.1
27	14.4	12.9	13.5	22.6	20.8	21.7	24.9	23.0	23.9	28.4	26.5	27.5
28	14.4	13.0	13.7	23.4	21.6	22.5	24.2	22.9	23.5	29.0	26.8	27.8
29	16.1	14.0	15.0	24.1	22.6	23.3	23.7	22.6	23.2	29.5	27.6	28.5
30	---	---	---	24.1	21.8	23.0	23.5	21.8	22.5	29.0	27.8	28.5
31	---	---	---	22.4	20.8	21.9	---	---	---	29.7	27.8	28.7
MONTH	17.3	9.6	13.3	24.9	15.6	20.3	26.4	15.8	22.4	29.7	20.6	26.4

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	28.3	29.1	30.2	29.0	29.7	33.0	30.5	31.7	31.0	29.4	29.9
2	29.3	27.6	28.4	30.0	29.0	29.4	32.3	31.1	31.6	31.0	29.1	30.1
3	28.6	27.1	27.9	30.5	28.9	29.6	32.7	30.8	31.6	31.4	30.2	30.7
4	28.7	27.4	28.1	31.5	29.3	29.9	33.0	31.3	31.8	31.5	29.6	30.6
5	29.3	27.6	28.4	31.5	29.8	30.5	32.5	31.3	31.8	31.3	30.0	30.7
6	29.6	27.5	28.6	31.4	30.4	30.8	31.6	29.7	30.7	30.8	29.5	30.1
7	29.5	27.9	28.8	30.8	29.6	30.1	30.4	28.5	29.4	30.7	28.9	29.8
8	30.0	28.3	29.1	29.6	28.5	29.1	29.6	28.3	28.8	31.2	28.4	29.7
9	30.3	28.4	29.3	29.1	28.0	28.4	30.1	27.9	28.9	30.4	29.0	29.7
10	31.1	28.8	29.9	30.1	28.4	29.1	30.7	29.0	29.8	30.6	28.9	29.7
11	31.6	29.2	30.3	31.4	29.1	29.9	31.1	29.5	30.1	30.8	29.0	29.7
12	31.5	29.6	30.3	31.3	29.8	30.6	30.3	28.7	29.7	29.4	28.2	28.9
13	30.6	29.6	30.3	30.8	29.5	30.2	28.7	25.8	26.9	28.8	27.4	28.1
14	29.6	28.6	29.0	30.6	29.2	29.7	25.9	23.1	25.1	29.0	27.7	28.3
15	29.8	28.0	28.8	31.6	29.6	30.6	26.0	23.9	25.1	28.2	25.6	27.0
16	30.1	28.1	29.2	31.2	29.8	30.6	26.8	24.7	25.7	26.6	24.7	25.7
17	31.2	29.1	30.1	31.0	29.6	30.3	28.7	26.1	27.2	29.1	26.4	27.3
18	32.0	29.9	30.8	30.2	28.9	29.5	29.6	27.3	28.3	29.8	28.2	28.8
19	31.1	29.6	30.3	30.2	28.4	29.2	30.4	28.2	29.1	29.5	28.0	28.6
20	31.9	29.1	30.0	31.0	29.5	30.1	30.9	29.0	29.9	28.2	26.9	27.6
21	30.5	29.4	29.9	30.6	29.5	30.0	31.6	29.6	30.4	26.9	25.9	26.3
22	30.4	28.8	29.6	31.4	29.6	30.1	31.7	29.7	30.5	26.0	25.2	25.6
23	30.4	29.3	29.7	31.4	30.3	30.8	31.8	30.2	31.0	26.2	25.0	25.7
24	29.8	28.8	29.3	32.3	30.1	31.0	32.3	30.4	31.2	27.1	25.6	26.3
25	28.9	27.8	28.3	31.8	30.8	31.3	32.4	30.4	31.2	27.9	26.6	27.1
26	28.8	27.4	28.0	31.0	29.9	30.4	32.3	30.1	31.2	27.4	26.1	26.7
27	30.4	27.7	28.8	31.3	29.2	30.1	32.1	30.6	31.3	27.0	25.7	26.4
28	30.3	29.0	29.7	32.0	29.7	30.4	31.4	30.4	30.9	27.5	25.7	26.4
29	30.1	29.0	29.3	32.1	30.0	30.7	31.1	29.8	30.4	27.9	25.7	26.5
30	30.4	28.6	29.4	33.1	30.2	31.4	30.4	29.1	29.6	27.8	26.1	27.0
31	---	---	---	32.9	30.7	31.7	31.5	28.5	29.3	---	---	---
MONTH	32.0	27.1	29.3	33.1	28.0	30.2	33.0	23.1	29.7	31.5	24.7	28.2

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA

LOCATION.--Lat 29° 16'32", long 89° 56'29", Jefferson Parish, Hydrologic Unit 08090301, on a walkway near the Grand Terre Marine Lab on Grand Terre Island, 1.0 mi east of Grand Isle.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.28 ft above NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.19 ft, Sept. 26, 2002 (Tropical Storm Isidore); minimum recorded gage height, -1.47 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.33 ft, Sept. 15; minimum gage height, -0.83 ft, Nov. 24.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.42	0.94	1.69	2.41	0.97	1.70	1.08	0.66	0.88	1.66	0.75	1.21
2	2.51	0.75	1.57	2.21	1.10	1.65	1.27	0.66	0.95	1.81	0.59	1.20
3	2.49	0.88	1.69	1.94	1.38	1.67	1.62	1.15	1.35	1.83	0.46	1.17
4	2.42	1.00	1.73	1.95	1.67	1.82	1.85	0.93	1.39	2.05	0.52	1.28
5	2.16	0.84	1.55	1.93	1.74	1.82	1.80	0.70	1.19	1.90	0.48	1.21
6	2.09	1.11	1.60	1.74	1.41	1.57	1.52	0.15	0.89	1.79	-0.11	0.84
7	2.21	1.53	1.83	1.99	1.00	1.47	1.68	0.09	0.84	1.76	0.09	0.87
8	1.92	1.49	1.72	2.06	0.95	1.50	1.95	0.29	1.04	1.98	0.16	1.05
9	2.05	1.74	1.89	2.04	0.73	1.34	2.73	0.67	1.58	1.93	0.43	1.13
10	2.43	1.89	2.16	2.24	0.88	1.52	2.32	-0.08	1.03	1.61	-0.03	0.76
11	2.30	1.47	1.86	2.29	0.85	1.53	2.00	0.38	1.07	1.61	0.27	0.83
12	2.46	1.41	1.91	2.24	0.83	1.49	2.02	0.36	1.15	1.29	0.43	0.83
13	2.46	1.48	1.93	2.22	0.55	1.32	2.22	0.88	1.66	1.18	0.65	0.94
14	2.42	1.18	1.78	2.33	0.93	1.57	2.15	0.63	1.33	1.31	0.92	1.11
15	2.24	1.02	1.58	2.33	0.89	1.58	1.88	0.73	1.32	1.34	0.65	1.06
16	2.26	0.92	1.51	2.32	1.11	1.72	1.94	0.74	1.30	1.89	0.51	1.22
17	2.08	0.87	1.50	2.40	1.25	1.81	0.93	0.34	0.67	2.69	0.75	1.69
18	2.08	0.92	1.51	2.64	1.25	2.21	1.12	0.45	0.83	2.25	0.83	1.54
19	2.25	1.05	1.66	1.88	0.76	1.10	1.09	0.07	0.55	1.80	-0.34	0.79
20	2.22	0.94	1.59	1.65	0.91	1.27	1.52	0.05	0.75	1.69	-0.34	0.74
21	1.97	1.19	1.57	1.61	0.89	1.23	1.83	-0.13	0.87	1.62	-0.41	0.59
22	1.57	1.08	1.35	2.16	0.40	1.26	2.17	-0.07	1.01	1.50	-0.42	0.54
23	1.63	1.35	1.47	2.48	0.74	1.59	2.18	0.20	1.20	1.46	-0.09	0.66
24	1.71	1.24	1.49	2.15	-0.83	0.97	2.05	-0.36	0.79	1.70	0.27	0.87
25	2.14	0.90	1.50	2.56	0.28	1.35	2.02	0.03	0.96	1.77	0.98	1.45
26	2.12	0.65	1.38	2.76	0.30	1.43	1.80	0.02	0.88	1.66	1.08	1.41
27	2.36	0.46	1.38	2.76	0.72	1.77	1.84	0.43	1.12	1.34	0.16	0.69
28	2.41	0.56	1.49	2.62	-0.32	0.79	1.87	0.78	1.33	0.84	0.16	0.51
29	2.57	0.61	1.51	1.46	0.21	0.83	2.00	0.89	1.53	1.16	0.11	0.67
30	2.59	0.67	1.57	1.43	0.32	0.81	1.50	0.83	1.20	2.11	0.36	0.96
31	2.28	0.57	1.39	---	---	---	1.52	1.00	1.27	2.19	0.35	1.29
MONTH	2.59	0.46	1.62	2.76	-0.83	1.46	2.73	-0.36	1.09	2.69	-0.42	1.00

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.16	1.08	1.62	1.88	0.54	1.25	1.26	0.36	0.88	1.91	0.98	1.38
2	2.05	0.71	1.38	1.77	0.48	1.16	1.26	0.34	0.81	1.50	0.73	1.14
3	1.54	0.01	0.80	1.87	0.38	1.15	1.05	0.48	0.79	1.51	0.34	0.96
4	2.33	0.16	1.11	2.01	0.86	1.43	1.04	0.67	0.83	1.51	0.14	0.87
5	2.23	0.87	1.56	2.13	0.84	1.49	1.30	0.72	1.01	1.73	-0.11	0.90
6	2.02	0.33	1.07	1.84	0.81	1.19	1.52	0.68	1.13	1.93	-0.05	0.99
7	1.15	-0.08	0.47	1.41	0.43	0.72	1.89	0.40	1.23	1.93	-0.06	0.99
8	1.03	0.06	0.47	0.95	0.38	0.51	1.88	0.13	1.08	1.94	-0.05	1.04
9	1.03	0.16	0.61	0.88	-0.06	0.57	1.94	0.11	1.09	2.02	0.15	1.22
10	1.02	0.54	0.82	0.91	-0.04	0.44	1.76	0.11	1.02	2.19	0.49	1.45
11	1.62	0.90	1.24	1.00	-0.13	0.49	2.53	0.23	1.49	2.15	0.89	1.60
12	1.41	0.17	0.99	1.30	-0.13	0.65	2.09	0.45	1.43	2.09	1.15	1.71
13	1.43	0.11	0.74	1.48	-0.10	0.77	0.85	-0.16	0.41	1.97	1.31	1.71
14	2.13	0.13	1.11	1.79	-0.04	0.97	0.72	-0.49	0.17	1.97	1.47	1.70
15	1.30	-0.41	0.45	1.85	0.08	1.06	0.73	-0.13	0.28	2.09	1.25	1.70
16	1.13	-0.49	0.32	1.74	0.25	1.06	0.83	0.26	0.47	2.03	1.06	1.58
17	1.31	-0.52	0.44	1.73	0.19	1.04	0.83	0.40	0.59	2.17	1.01	1.61
18	1.10	-0.77	0.17	1.59	0.56	1.07	0.85	0.24	0.62	2.29	0.81	1.61
19	1.49	-0.28	0.50	1.40	0.57	0.94	1.25	0.18	0.76	2.28	0.76	1.56
20	1.63	0.24	0.91	1.39	0.83	1.00	1.40	0.30	0.82	2.21	0.56	1.45
21	1.64	0.22	0.92	1.21	0.70	0.91	1.85	0.56	1.22	2.03	0.60	1.33
22	1.64	0.77	1.03	1.10	0.65	0.89	1.94	0.38	1.22	---	---	---
23	1.73	1.12	1.35	1.66	0.66	1.17	1.83	0.44	1.15	---	---	---
24	2.04	1.37	1.77	1.57	0.78	1.15	1.92	0.34	1.20	---	---	---
25	1.92	0.92	1.54	1.92	0.66	1.35	1.87	0.34	1.19	---	---	---
26	1.49	0.26	1.04	1.80	0.56	1.20	1.63	0.23	1.03	1.82	0.79	1.35
27	1.05	-0.10	0.61	1.80	0.54	1.23	1.57	0.11	0.90	1.57	0.85	1.26
28	1.29	-0.14	0.64	1.86	0.74	1.30	1.68	0.30	1.12	1.53	1.01	1.31
29	1.63	0.29	1.00	1.75	0.63	1.22	1.57	0.70	1.19	1.45	1.10	1.30
30	---	---	---	1.75	0.45	1.12	1.63	0.93	1.32	2.06	1.40	1.72
31	---	---	---	1.35	0.47	0.95	---	---	---	2.24	0.83	1.57
MONTH	2.33	-0.77	0.92	2.13	-0.13	1.01	2.53	-0.49	0.95	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.34	0.50	1.48	2.34	0.15	1.31	2.31	0.51	1.46	1.28	1.06	1.17
2	2.49	0.21	1.44	2.36	0.06	1.28	1.92	0.57	1.28	1.60	0.98	1.24
3	2.43	-0.19	1.24	2.39	0.37	1.39	1.79	0.71	1.27	1.95	1.04	1.39
4	2.06	-0.07	1.06	2.20	0.41	1.34	1.45	0.78	1.21	1.97	0.90	1.46
5	2.15	-0.09	1.09	2.05	0.41	1.34	1.58	0.90	1.06	2.08	0.84	1.42
6	1.99	-0.01	1.12	1.75	0.60	1.22	1.58	0.71	1.01	1.87	0.70	1.27
7	1.94	0.23	1.26	1.62	0.69	1.23	1.54	0.69	1.11	1.63	0.23	0.93
8	1.85	0.55	1.27	1.42	1.11	1.28	2.03	0.84	1.44	1.51	0.41	0.99
9	1.63	0.79	1.31	1.67	1.00	1.32	2.16	0.73	1.41	1.88	0.58	1.23
10	1.55	1.23	1.42	1.66	0.70	1.22	2.00	0.62	1.32	1.62	0.49	1.09
11	1.59	1.11	1.38	1.89	0.68	1.31	1.99	0.59	1.31	1.99	0.83	1.41
12	1.66	0.92	1.32	1.73	0.32	1.06	2.01	0.35	1.24	2.19	1.25	1.67
13	1.95	0.91	1.45	---	---	---	1.79	0.28	1.05	2.11	1.39	1.72
14	2.23	0.95	1.62	---	---	---	1.81	0.38	1.12	2.50	1.75	2.22
15	2.35	0.79	1.58	---	---	---	1.80	0.54	1.17	3.33	2.32	2.74
16	2.45	0.59	1.56	---	---	---	1.70	0.53	1.12	2.92	1.91	2.42
17	2.24	0.62	1.47	---	---	---	1.62	0.61	1.12	2.27	1.65	1.97
18	2.19	0.47	1.39	---	---	---	1.52	0.88	1.22	2.52	0.92	1.61
19	2.03	0.47	1.25	---	---	---	1.43	1.10	1.28	2.55	1.05	1.73
20	1.98	0.45	1.26	---	---	---	1.38	1.09	1.23	2.57	1.05	1.82
21	1.98	0.45	1.30	1.65	0.60	1.11	1.44	0.72	1.08	2.73	1.21	1.98
22	1.99	0.67	1.36	1.27	0.67	1.02	1.58	0.53	1.08	2.95	1.29	2.14
23	1.92	0.67	1.37	1.18	0.93	1.07	1.74	0.37	1.07	3.26	1.39	2.28
24	1.79	0.57	1.38	1.36	0.91	1.14	1.89	0.21	1.06	2.65	1.09	1.92
25	1.61	0.79	1.34	1.46	0.56	1.03	1.93	0.11	1.04	2.29	1.06	1.70
26	1.69	0.85	1.24	---	---	---	1.90	0.07	1.03	2.15	1.21	1.69
27	1.71	0.62	1.18	---	---	---	2.03	0.22	1.16	1.99	1.15	1.59
28	1.83	0.54	1.20	---	---	---	2.04	0.42	1.27	1.29	1.00	1.16
29	2.09	0.31	1.22	2.14	-0.01	1.14	1.97	0.54	1.28	1.49	0.99	1.26
30	2.22	0.29	1.29	2.28	0.27	1.29	1.82	0.70	1.25	1.81	0.67	1.17
31	---	---	---	2.38	0.51	1.44	1.54	0.84	1.23	---	---	---
MONTH	2.49	-0.19	1.33	---	---	---	2.31	0.07	1.19	3.33	0.23	1.61

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: July 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent, except for Oct. 2-Dec. 2, June 27-July 13, and Aug. 5-25 when records good.

SALINITY: Records excellent, except for Oct. 2-Dec. 2, June 27-July 13, and Aug. 5-25 when records good.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 56,500 microsiemens/cm, Jan. 3, 1998; minimum, 3,330 microsiemens/cm, July 13, 1997.

SALINITY: Maximum, 31.0 ppt, July 23, 2003; minimum, 7.5 ppt, July 7, 2003.

WATER TEMPERATURE: Maximum, 36.5°C, June 26, 1996; minimum, 2.5°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 46,900 microsiemens/cm, Apr. 17; minimum, 7,000 microsiemens/cm, July 13.

SALINITY: Maximum, 30.4 ppt, Apr. 17; minimum, 3.8 ppt, July 13.

WATER TEMPERATURE: Maximum, 34.4°C, Aug. 3; minimum, 8.1°C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	40,600	34,800	36,700	43,400	42,600	42,800	39,500	37,700	38,200	40,500	39,000	39,700
2	40,400	36,600	37,700	43,100	42,900	42,900	38,400	37,900	38,100	40,600	39,800	40,200
3	40,700	36,100	38,800	42,900	42,200	42,400	41,500	38,400	40,100	40,000	38,700	39,600
4	41,100	36,400	39,100	42,400	41,600	41,800	41,400	33,200	38,500	38,700	36,000	37,600
5	41,000	37,400	39,700	42,800	41,600	41,700	33,800	32,500	33,000	36,300	32,300	34,400
6	40,200	36,600	38,800	42,800	42,000	42,400	35,100	33,800	34,500	32,400	30,700	31,700
7	39,400	36,700	38,500	42,000	40,700	41,700	39,800	33,400	36,000	38,500	30,600	33,300
8	39,900	37,400	38,800	41,200	40,600	40,800	40,200	39,000	39,700	43,100	33,600	37,700
9	40,300	39,000	39,700	44,000	41,000	41,700	41,400	39,900	40,600	43,000	40,500	41,600
10	40,300	36,700	38,700	45,400	42,500	43,500	41,200	39,900	40,700	41,600	40,400	41,200
11	37,600	33,500	35,800	45,300	44,600	45,000	40,100	39,000	39,500	40,400	39,100	39,400
12	36,900	30,200	34,400	45,400	45,000	45,200	43,800	36,700	40,000	40,100	39,300	39,600
13	36,300	32,500	34,600	45,200	45,000	45,100	43,800	38,600	41,500	40,900	38,900	40,000
14	37,300	32,800	35,200	45,200	44,600	44,900	39,000	31,300	34,100	41,300	38,500	40,400
15	37,000	33,300	35,100	45,000	44,700	44,900	44,000	36,200	42,400	41,000	33,000	37,100
16	37,900	34,200	36,700	44,800	44,300	44,400	43,300	39,100	42,100	37,700	36,300	37,000
17	39,200	35,100	37,700	44,400	44,200	44,300	39,100	32,900	36,800	36,700	29,300	34,000
18	36,900	33,900	35,900	44,300	41,800	43,100	35,500	32,700	33,900	29,300	26,300	27,500
19	41,500	35,100	37,100	42,700	40,900	42,100	39,000	24,100	31,800	27,200	24,100	26,200
20	41,100	38,800	40,000	43,100	42,600	42,800	43,600	23,800	31,000	38,300	26,900	31,000
21	40,100	35,300	37,500	43,700	42,900	43,100	43,300	40,900	41,800	38,800	30,000	33,200
22	36,000	32,300	34,000	44,100	43,500	43,800	42,900	41,400	42,200	38,800	32,100	33,600
23	46,100	35,000	40,500	44,600	43,600	43,900	41,800	40,400	41,200	37,200	32,500	33,900
24	45,800	39,300	43,500	44,000	42,300	43,300	40,400	34,100	37,800	36,600	35,900	36,300
25	46,000	43,300	45,300	43,300	41,400	42,400	42,100	34,000	37,300	36,700	36,300	36,500
26	45,500	38,500	43,000	45,000	40,100	42,800	42,500	37,800	40,800	36,400	32,200	34,500
27	38,500	37,700	38,100	45,900	44,100	44,600	42,600	40,500	41,600	32,200	31,400	31,700
28	39,700	36,900	37,700	44,900	41,700	42,900	42,500	42,000	42,200	34,600	30,900	31,800
29	40,300	37,800	38,900	42,000	39,000	39,600	42,200	37,800	40,800	42,600	34,100	38,300
30	42,100	40,000	40,900	39,400	37,200	38,200	40,100	37,000	38,000	42,600	41,100	41,800
31	43,400	41,500	41,900	---	---	---	40,200	38,400	39,200	41,100	38,300	39,800
MONTH	46,100	30,200	38,400	45,900	37,200	42,900	44,000	23,800	38,600	43,100	24,100	36,100

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	38,400	36,400	37,000	36,200	35,100	35,800	37,200	31,300	32,700	36,500	32,000	34,900
2	38,700	36,400	37,100	35,200	33,200	34,400	37,200	35,300	36,200	32,000	25,700	27,300
3	39,100	36,500	37,300	33,300	30,000	32,400	36,300	35,700	35,800	25,800	22,400	23,800
4	39,700	37,600	38,400	30,100	28,900	29,600	35,800	35,500	35,700	29,900	21,800	25,300
5	42,200	39,200	40,600	29,100	27,700	28,500	35,600	34,300	34,600	30,900	27,200	29,100
6	42,000	37,300	38,800	27,900	26,500	27,200	36,100	34,500	35,600	31,200	26,800	28,200
7	38,100	33,400	36,700	26,800	25,300	25,700	36,700	35,600	36,100	28,200	25,600	26,700
8	33,400	29,200	31,900	25,600	23,600	25,200	36,300	35,300	35,800	25,900	24,100	25,100
9	41,500	30,200	36,500	23,600	22,700	23,000	35,500	33,200	34,400	28,700	22,300	25,700
10	42,500	40,600	41,400	39,100	23,500	27,900	34,400	33,500	33,900	28,300	27,500	28,000
11	40,900	37,800	38,800	41,000	27,300	34,800	34,200	32,000	32,900	28,000	27,500	27,700
12	37,800	32,300	34,700	39,400	26,800	35,600	32,000	29,600	30,400	27,800	26,900	27,300
13	32,300	30,000	31,200	39,400	36,300	38,200	29,700	28,400	29,200	27,100	26,200	26,500
14	35,300	29,300	31,300	37,500	35,800	36,900	43,400	24,200	29,900	26,500	26,000	26,200
15	30,200	20,900	26,000	36,000	34,100	35,100	44,400	24,600	30,600	26,000	22,700	24,900
16	39,000	20,300	26,700	34,500	30,600	33,100	46,200	29,900	38,500	23,100	22,100	22,400
17	37,300	23,400	27,000	32,300	32,000	32,200	46,900	45,900	46,600	22,600	22,200	22,400
18	36,800	23,600	27,100	33,000	32,300	32,700	45,900	40,200	42,400	22,600	22,000	22,400
19	37,000	33,900	35,300	32,900	31,700	32,600	40,200	36,000	37,500	28,100	22,400	24,600
20	37,400	35,900	36,600	32,100	30,000	31,100	36,400	34,500	35,500	26,800	22,400	24,100
21	37,000	29,400	31,800	30,100	26,400	27,700	35,100	32,300	33,300	23,100	20,500	21,700
22	31,100	30,000	30,300	27,200	26,100	26,400	32,900	31,900	32,400	---	---	---
23	34,100	30,100	32,200	32,200	27,200	31,400	32,300	31,500	31,900	---	---	---
24	35,100	32,600	33,900	34,600	31,900	33,600	31,700	30,300	31,100	---	---	---
25	32,600	27,000	28,400	34,500	33,900	34,300	30,700	29,800	30,300	---	---	---
26	27,000	26,600	26,800	34,500	33,900	34,300	30,400	26,900	27,600	21,400	20,600	21,000
27	26,900	26,500	26,700	34,200	33,300	33,700	27,000	26,500	26,800	22,800	20,500	21,500
28	32,800	26,700	30,100	33,500	32,600	33,100	35,600	26,900	30,600	27,100	20,500	23,400
29	36,900	32,300	36,000	33,100	31,600	32,600	38,700	34,800	36,900	26,200	24,900	25,600
30	---	---	---	31,800	30,600	31,400	38,300	33,700	35,900	25,400	24,700	24,900
31	---	---	---	31,400	31,100	31,200	---	---	---	24,900	24,300	24,600
MONTH	42,500	20,300	33,300	41,000	22,700	31,700	46,900	24,200	34,000	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28,300	24,300	26,300	14,600	13,000	13,800	26,000	24,600	25,200	29,800	28,600	29,200
2	25,900	23,400	24,400	14,200	12,800	13,400	24,800	23,800	24,200	29,700	29,200	29,500
3	23,700	21,200	22,300	15,100	11,800	13,300	24,000	23,600	23,900	31,300	29,700	30,100
4	21,300	17,200	19,200	14,200	12,700	13,300	24,100	23,700	23,900	31,800	30,900	31,200
5	26,700	16,700	21,500	15,300	13,900	14,800	24,100	23,900	24,000	31,800	31,300	31,500
6	26,100	19,100	22,900	15,500	14,700	15,200	24,000	23,600	23,800	31,800	31,300	31,500
7	22,900	22,500	22,700	14,800	12,100	13,400	29,800	23,500	24,400	31,700	31,300	31,500
8	22,800	22,300	22,600	12,500	12,100	12,300	34,700	26,900	29,300	31,400	29,600	30,000
9	22,500	21,900	22,300	12,200	11,900	12,100	34,700	31,900	33,300	37,000	29,800	35,300
10	22,200	21,600	21,900	12,400	12,100	12,300	33,500	32,200	32,800	37,100	35,200	35,800
11	21,900	21,400	21,600	15,100	12,400	13,300	36,300	32,300	34,600	37,300	36,700	36,900
12	35,900	21,000	30,000	14,300	9,230	10,500	35,100	32,600	33,200	38,900	37,100	38,300
13	30,000	27,000	28,700	---	---	---	32,700	30,500	31,700	38,100	37,700	37,900
14	28,200	19,500	21,300	---	---	---	31,700	31,100	31,400	38,000	37,400	37,800
15	20,700	19,100	20,100	---	---	---	33,900	31,700	32,400	37,500	34,500	35,900
16	21,100	20,100	20,700	---	---	---	33,100	32,300	32,800	38,200	33,800	35,300
17	21,100	17,900	19,300	---	---	---	35,400	32,800	33,500	42,700	36,300	38,200
18	18,400	12,900	14,800	---	---	---	36,700	35,300	35,900	42,900	35,400	38,800
19	14,700	13,000	13,700	---	---	---	38,000	36,700	37,700	39,700	38,000	38,800
20	15,400	12,200	13,500	---	---	---	38,100	37,800	38,000	39,400	39,100	39,200
21	18,400	13,300	16,200	30,100	27,100	28,500	38,200	38,100	38,100	39,900	39,100	39,400
22	20,300	16,800	18,500	27,200	19,000	22,900	38,200	36,500	37,100	40,100	39,700	39,900
23	19,900	18,800	19,300	22,700	19,400	20,100	37,000	36,400	36,700	40,700	39,800	39,900
24	19,000	17,400	18,700	20,800	19,100	19,600	36,800	36,400	36,500	41,300	40,700	41,200
25	17,400	15,900	16,600	21,200	20,000	20,400	36,500	35,900	36,300	41,100	40,300	40,700
26	16,000	14,400	15,300	20,300	19,800	20,000	36,500	35,100	35,700	40,600	39,100	39,600
27	16,900	14,400	15,800	21,900	20,000	20,300	35,700	34,300	35,000	39,500	38,600	39,000
28	16,300	15,800	16,100	25,300	20,700	21,300	34,900	31,900	33,000	38,600	38,300	38,500
29	15,900	15,100	15,400	26,100	23,600	24,500	32,200	30,000	30,600	40,200	37,900	38,300
30	15,400	13,700	14,600	26,600	23,600	25,000	30,200	27,200	29,500	40,800	40,100	40,200
31	---	---	---	26,400	25,100	26,100	28,900	27,600	28,400	---	---	---
MONTH	35,900	12,200	19,900	---	---	---	38,200	23,500	31,700	42,900	28,600	36,300

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.9	21.9	23.2	28.0	27.3	27.5	25.2	23.9	24.2	25.9	24.8	25.3
2	25.8	23.1	23.9	27.7	27.6	27.6	24.4	24.0	24.2	25.9	25.4	25.6
3	26.0	22.8	24.7	27.6	27.1	27.2	26.6	24.4	25.6	25.5	24.6	25.2
4	26.3	23.0	24.9	27.2	26.7	26.8	26.5	20.7	24.5	24.6	22.7	23.8
5	26.2	23.7	25.3	27.5	26.7	26.7	21.2	20.3	20.6	22.9	20.2	21.6
6	25.6	23.1	24.7	27.5	26.9	27.2	22.1	21.2	21.6	20.2	19.0	19.7
7	25.1	23.2	24.5	26.9	26.0	26.7	25.4	20.9	22.7	24.4	19.0	20.8
8	25.4	23.7	24.7	26.4	25.9	26.1	25.6	24.8	25.3	27.7	21.0	23.9
9	25.7	24.8	25.3	28.4	26.2	26.8	26.5	25.4	26.0	27.6	25.9	26.6
10	25.7	23.2	24.6	29.4	27.3	28.0	26.4	25.4	26.0	26.7	25.8	26.4
11	23.8	20.9	22.5	29.3	28.8	29.1	25.6	24.8	25.2	25.8	24.9	25.1
12	23.4	18.7	21.6	29.4	29.1	29.2	28.2	23.2	25.5	25.6	25.0	25.2
13	22.9	20.3	21.7	29.2	29.1	29.1	28.2	24.5	26.6	26.2	24.8	25.5
14	23.6	20.5	22.2	29.2	28.8	29.0	24.8	19.4	21.4	26.5	24.4	25.8
15	23.4	20.8	22.1	29.1	28.8	29.0	28.4	22.8	27.2	26.2	20.6	23.5
16	24.0	21.5	23.2	28.9	28.6	28.6	27.9	24.9	27.0	23.9	22.9	23.4
17	25.0	22.1	23.9	28.6	28.5	28.6	24.9	20.6	23.3	23.2	18.1	21.3
18	23.4	21.2	22.7	28.6	26.8	27.7	22.3	20.4	21.2	18.1	16.1	16.8
19	26.6	22.1	23.5	27.4	26.2	27.0	24.8	14.6	19.8	16.6	14.6	16.0
20	26.3	24.7	25.5	27.7	27.3	27.5	28.1	14.4	19.3	24.3	16.4	19.3
21	25.6	22.2	23.8	28.2	27.6	27.7	27.9	26.2	26.8	24.7	18.6	20.8
22	22.7	20.2	21.4	28.4	28.0	28.2	27.6	26.5	27.1	24.7	20.0	21.1
23	29.9	22.0	25.9	28.8	28.1	28.3	26.8	25.8	26.4	23.6	20.3	21.3
24	29.7	25.0	28.0	28.4	27.1	27.9	25.8	21.4	24.0	23.1	22.6	22.9
25	29.8	27.9	29.3	27.9	26.5	27.2	27.0	21.3	23.6	23.2	22.9	23.1
26	29.5	24.4	27.6	29.1	25.6	27.5	27.3	23.9	26.1	23.0	20.1	21.7
27	24.4	23.9	24.1	29.8	28.4	28.8	27.3	25.9	26.7	20.1	19.5	19.7
28	25.3	23.4	23.9	29.0	26.7	27.5	27.3	26.9	27.1	21.8	19.2	19.8
29	25.7	23.9	24.7	26.9	24.8	25.2	27.1	23.9	26.1	27.3	21.4	24.3
30	27.0	25.5	26.2	25.1	23.6	24.2	25.6	23.4	24.1	27.3	26.3	26.8
31	28.0	26.6	26.9	---	---	---	25.6	24.4	25.0	26.3	24.3	25.4
MONTH	29.9	18.7	24.4	29.8	23.6	27.6	28.4	14.4	24.5	27.7	14.6	22.8
FEBRUARY			MARCH			APRIL			MAY			
1	24.4	23.0	23.4	22.8	22.1	22.5	23.6	19.4	20.4	23.1	19.9	22.0
2	24.6	23.0	23.5	22.1	20.7	21.6	23.6	22.2	22.8	19.9	15.7	16.8
3	24.9	23.1	23.6	20.8	18.6	20.2	22.9	22.5	22.6	15.8	13.5	14.4
4	25.3	23.8	24.4	18.7	17.8	18.3	22.5	22.3	22.5	18.5	13.1	15.4
5	27.1	25.0	25.9	17.9	17.0	17.5	22.4	21.5	21.7	19.2	16.6	17.9
6	26.9	23.6	24.7	17.2	16.2	16.7	22.8	21.7	22.4	19.4	16.4	17.3
7	24.1	20.9	23.2	16.4	15.4	15.7	23.2	22.4	22.8	17.4	15.6	16.3
8	20.9	18.0	19.9	15.6	14.3	15.3	22.9	22.2	22.5	15.8	14.6	15.3
9	26.6	18.7	23.0	14.3	13.7	13.9	22.3	20.7	21.5	17.7	13.4	15.7
10	27.3	25.9	26.5	24.9	14.2	17.2	21.6	20.9	21.3	17.4	16.9	17.2
11	26.2	23.9	24.7	26.2	16.7	21.9	21.5	19.9	20.6	17.2	16.9	17.0
12	23.9	20.2	21.8	25.1	16.4	22.5	19.9	18.3	18.8	17.1	16.4	16.7
13	20.2	18.6	19.4	25.1	22.9	24.3	18.4	17.5	18.0	16.6	16.0	16.2
14	22.2	18.1	19.4	23.7	22.5	23.3	28.0	14.7	18.5	16.2	15.9	16.0
15	18.7	12.5	15.9	22.7	21.4	22.1	28.6	14.9	19.1	15.9	13.7	15.2
16	24.8	12.1	16.4	21.7	19.0	20.7	29.9	18.5	24.5	13.9	13.3	13.5
17	23.6	14.2	16.5	20.2	19.9	20.1	30.4	29.8	30.2	13.6	13.3	13.5
18	23.3	14.3	16.6	20.6	20.2	20.4	29.8	25.6	27.2	13.6	13.2	13.4
19	23.4	21.2	22.2	20.6	19.7	20.3	25.6	22.7	23.7	17.3	13.5	14.9
20	23.7	22.6	23.1	20.0	18.6	19.3	23.0	21.7	22.3	16.4	13.5	14.6
21	23.4	18.1	19.8	18.7	16.1	17.0	22.1	20.2	20.9	13.9	12.2	13.0
22	19.3	18.6	18.8	16.6	15.9	16.1	20.6	19.9	20.3	---	---	---
23	21.4	18.7	20.1	20.1	16.6	19.5	20.2	19.6	19.9	---	---	---
24	22.1	20.4	21.2	21.8	19.9	21.1	19.7	18.8	19.3	---	---	---
25	20.4	16.5	17.5	21.7	21.2	21.5	19.0	18.4	18.8	---	---	---
26	16.5	16.3	16.4	21.7	21.2	21.5	18.9	16.4	16.9	12.9	12.3	12.6
27	16.4	16.2	16.3	21.5	20.8	21.1	16.5	16.2	16.4	13.7	12.2	12.9
28	20.5	16.3	18.7	20.9	20.4	20.7	22.4	16.4	19.0	16.6	12.2	14.1
29	23.4	20.2	22.7	20.7	19.6	20.4	24.6	21.9	23.3	16.0	15.1	15.6
30	---	---	---	19.8	19.0	19.5	24.3	21.1	22.6	15.5	15.0	15.1
31	---	---	---	19.5	19.3	19.4	---	---	---	15.1	14.7	14.9
MONTH	27.3	12.1	20.9	26.2	13.7	19.7	30.4	14.7	21.4	---	---	---

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.4	14.7	16.1	8.5	7.5	8.0	15.9	14.9	15.3	18.4	17.6	18.0
2	15.8	14.2	14.8	8.2	7.4	7.7	15.0	14.4	14.7	18.4	18.0	18.2
3	14.4	12.7	13.4	8.8	6.7	7.6	14.5	14.3	14.5	19.4	18.4	18.6
4	12.8	10.1	11.4	8.2	7.3	7.6	14.6	14.4	14.5	19.8	19.2	19.3
5	16.3	9.8	12.9	8.9	8.0	8.6	14.6	14.5	14.5	19.8	19.4	19.6
6	15.9	11.4	13.8	9.0	8.6	8.8	14.5	14.3	14.4	19.8	19.4	19.6
7	13.8	13.5	13.6	8.6	6.9	7.7	18.4	14.2	14.8	19.7	19.4	19.5
8	13.7	13.4	13.6	7.2	6.9	7.0	21.8	16.4	18.1	19.5	18.3	18.6
9	13.5	13.2	13.4	7.0	6.8	6.9	21.8	19.9	20.9	23.4	18.4	22.2
10	13.3	13.0	13.2	7.1	6.9	7.0	20.9	20.1	20.5	23.5	22.1	22.6
11	13.2	12.9	13.0	8.8	7.1	7.7	22.9	20.2	21.7	23.6	23.2	23.4
12	22.6	12.6	18.6	8.3	5.2	5.9	22.1	20.4	20.8	24.8	23.5	24.3
13	18.6	16.5	17.7	---	---	---	20.4	18.9	19.7	24.1	23.9	24.0
14	17.4	11.6	12.7	---	---	---	19.7	19.3	19.5	24.1	23.7	24.0
15	12.4	11.4	12.0	---	---	---	21.2	19.7	20.2	23.7	21.7	22.6
16	12.6	12.0	12.3	---	---	---	20.7	20.2	20.5	24.2	21.2	22.2
17	12.6	10.5	11.4	---	---	---	22.3	20.5	21.0	27.4	22.9	24.2
18	10.9	7.4	8.6	---	---	---	23.2	22.2	22.6	27.6	22.3	24.7
19	8.6	7.5	7.9	---	---	---	24.1	23.2	23.9	25.3	24.1	24.6
20	9.0	7.0	7.8	---	---	---	24.1	23.9	24.0	25.1	24.9	25.0
21	10.9	7.6	9.5	18.7	16.6	17.6	24.2	24.1	24.2	25.4	24.9	25.1
22	12.1	9.9	10.9	16.6	11.3	13.8	24.2	23.1	23.5	25.6	25.3	25.4
23	11.8	11.1	11.5	13.7	11.5	12.0	23.4	23.0	23.2	26.0	25.4	25.4
24	11.3	10.2	11.1	12.4	11.4	11.7	23.3	23.0	23.1	26.5	26.0	26.4
25	10.2	9.3	9.8	12.7	11.9	12.1	23.1	22.6	22.9	26.3	25.7	26.0
26	9.3	8.3	8.9	12.1	11.8	11.9	23.1	22.1	22.5	25.9	24.9	25.2
27	9.9	8.3	9.2	13.2	11.9	12.1	22.5	21.5	22.0	25.2	24.5	24.8
28	9.5	9.2	9.4	15.4	12.4	12.8	21.9	19.9	20.6	24.5	24.3	24.4
29	9.3	8.8	9.0	15.9	14.3	14.9	20.1	18.6	19.0	25.6	24.0	24.3
30	9.0	7.9	8.4	16.3	14.3	15.2	18.7	16.6	18.2	26.1	25.6	25.6
31	---	---	---	16.1	15.3	15.9	17.8	16.9	17.5	---	---	---
MONTH	22.6	7.0	11.9	---	---	---	24.2	14.2	19.8	27.6	17.6	22.9

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.2	21.0	22.4	25.6	23.9	24.7	16.4	13.4	14.9	17.2	15.1	15.9
2	23.0	20.9	22.0	25.6	23.9	24.8	16.0	14.7	15.5	18.0	16.6	17.2
3	23.8	20.0	21.8	25.6	23.7	24.6	17.5	15.3	16.2	19.3	17.5	18.2
4	25.4	22.3	23.9	25.7	23.9	24.8	18.0	16.4	17.3	20.8	18.6	19.5
5	26.8	24.4	25.6	26.5	24.8	25.5	17.7	14.5	16.1	20.6	17.7	19.6
6	27.1	25.1	26.0	26.8	24.8	25.7	14.5	10.5	11.7	17.7	10.9	13.7
7	27.0	25.6	26.2	25.8	24.5	25.1	14.5	9.9	11.4	11.5	8.6	10.0
8	27.8	26.1	26.8	24.5	23.0	23.7	16.0	14.0	14.9	12.9	8.8	10.8
9	27.3	26.2	26.8	23.7	21.6	22.6	17.3	15.3	16.1	14.3	12.8	13.5
10	26.9	25.9	26.2	24.2	21.7	22.8	16.8	12.9	14.7	12.8	10.6	11.5
11	26.3	25.7	25.9	24.4	22.5	23.5	13.5	10.7	12.1	11.0	9.1	10.2
12	26.1	24.5	25.5	25.4	23.6	24.4	15.8	11.3	13.6	13.0	10.3	11.6
13	26.4	24.6	25.6	25.0	19.8	23.2	16.0	15.3	15.7	15.1	12.3	13.3
14	26.8	25.1	25.9	19.8	17.3	18.3	15.8	12.9	13.8	14.2	13.3	13.8
15	25.4	21.9	23.2	21.1	18.1	19.3	16.0	13.2	15.2	15.5	14.2	14.7
16	24.3	21.6	23.0	22.4	20.9	21.6	18.0	13.8	16.2	16.0	14.7	15.3
17	25.4	22.9	24.1	23.9	21.9	22.8	13.8	9.6	11.2	16.4	15.8	16.0
18	25.0	22.2	23.0	23.5	21.2	22.9	12.3	10.0	11.1	17.5	16.3	16.7
19	23.6	20.9	22.2	21.2	17.6	18.8	13.6	10.2	11.9	16.3	13.2	14.4
20	24.4	22.4	23.4	17.6	16.0	17.0	14.5	10.2	12.2	13.4	10.8	12.2
21	24.4	22.4	23.5	18.6	16.8	17.6	16.0	13.6	14.5	13.7	10.5	12.4
22	24.5	22.3	23.4	20.7	18.4	19.4	17.3	14.5	15.5	14.7	11.6	13.0
23	25.5	23.3	24.2	22.4	19.7	20.7	16.4	15.1	16.0	14.6	12.5	13.5
24	25.8	23.2	25.0	21.6	14.4	17.0	15.1	12.6	13.6	15.1	13.9	14.4
25	25.6	24.7	25.1	16.0	12.4	14.0	13.6	11.4	12.6	16.5	14.9	15.7
26	26.4	24.7	25.3	18.6	15.0	16.5	15.1	11.7	13.4	16.8	16.4	16.5
27	24.9	20.8	22.5	21.2	18.2	19.6	17.0	13.4	15.0	16.4	11.0	13.3
28	21.4	19.4	20.3	20.8	13.0	16.6	17.2	15.8	16.5	11.2	8.1	9.6
29	22.6	19.2	20.7	13.0	11.1	12.3	17.5	16.1	17.1	14.4	10.7	12.5
30	24.2	21.5	22.6	13.9	11.6	13.0	16.1	13.6	14.5	14.4	13.8	14.1
31	25.4	23.2	24.3	---	---	---	15.3	13.4	14.4	13.8	12.2	12.9
MONTH	27.8	19.2	24.1	26.8	11.1	20.8	18.0	9.6	14.4	20.8	8.1	14.1
FEBRUARY			MARCH			APRIL			MAY			
1	14.4	12.0	13.0	18.0	16.4	17.0	20.5	17.8	19.5	25.7	21.6	23.2
2	14.6	13.7	14.2	19.6	17.5	18.3	21.6	19.3	20.6	24.6	21.4	22.8
3	14.5	12.0	13.2	21.1	18.6	19.5	22.0	19.8	20.9	23.7	19.0	21.4
4	13.9	11.9	12.7	22.1	20.1	21.0	22.4	20.4	21.4	23.2	20.0	21.6
5	17.6	13.9	15.9	22.4	20.6	21.3	22.3	20.3	21.2	24.7	21.8	23.3
6	17.5	16.0	16.9	23.5	21.2	22.2	22.9	20.5	21.4	25.6	22.7	23.9
7	16.0	12.3	14.0	23.5	21.1	22.3	23.0	21.0	21.8	27.1	23.5	24.8
8	12.3	9.8	10.6	22.2	18.8	20.3	25.8	21.9	23.6	26.8	24.5	25.4
9	13.8	10.2	12.4	20.3	16.8	18.4	25.2	23.0	24.1	26.7	25.3	25.9
10	14.8	13.8	14.5	17.5	14.8	16.2	24.9	23.7	24.3	27.3	25.1	26.0
11	15.0	14.4	14.7	18.4	14.4	16.8	24.1	22.3	23.0	27.7	25.5	26.5
12	16.1	13.8	15.4	18.8	15.3	17.5	22.7	19.8	21.7	28.1	25.7	26.7
13	13.8	11.6	12.4	20.0	16.6	18.7	19.8	16.0	17.9	28.4	25.8	26.9
14	12.6	11.0	11.8	19.7	18.8	19.3	20.6	15.6	18.0	28.7	26.4	27.4
15	12.7	9.4	10.8	20.1	18.9	19.4	20.1	16.3	18.1	27.6	24.9	26.3
16	14.4	10.2	11.7	23.5	19.6	21.1	20.9	17.9	19.9	27.7	24.6	25.9
17	15.5	12.6	13.9	22.2	20.2	21.0	24.4	20.6	22.5	28.4	26.0	26.8
18	15.5	12.1	13.6	22.1	20.1	21.0	25.5	21.7	23.3	29.3	26.6	27.5
19	16.3	14.3	14.9	23.9	21.2	22.5	24.9	22.0	23.3	28.2	26.9	27.4
20	17.2	14.9	15.6	25.6	21.8	23.4	24.2	22.4	23.3	28.1	26.6	27.2
21	17.3	15.6	16.6	25.3	21.8	23.5	24.7	22.3	23.3	28.1	26.4	27.0
22	17.4	15.5	16.7	22.3	18.4	19.6	25.8	23.0	24.3	---	---	---
23	16.9	16.1	16.6	19.0	16.6	17.9	26.7	24.3	25.3	---	---	---
24	16.6	16.0	16.2	20.1	17.3	18.6	27.7	24.6	25.8	---	---	---
25	18.2	15.4	16.7	21.4	19.1	20.0	27.7	25.4	26.2	---	---	---
26	17.4	13.8	15.4	22.9	19.7	21.0	27.1	24.5	25.4	28.4	27.1	27.6
27	14.0	12.4	13.2	24.0	20.7	21.8	25.2	22.0	23.7	28.0	26.2	27.2
28	14.8	12.5	13.7	24.6	21.7	23.0	24.4	22.4	23.4	28.4	26.3	27.2
29	16.8	14.4	15.5	25.6	22.7	23.9	23.7	22.2	22.9	28.9	27.3	28.1
30	---	---	---	24.6	22.0	23.2	23.5	21.7	22.4	29.7	27.6	28.5
31	---	---	---	22.8	20.4	21.8	---	---	---	29.8	27.6	28.6
MONTH	18.2	9.4	14.2	25.6	14.4	20.4	27.7	15.6	22.4	---	---	---

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.1	28.5	29.4	30.6	29.1	29.7	33.2	30.0	31.2	31.1	29.2	30.1
2	29.5	26.9	28.1	30.7	29.2	29.8	32.9	30.8	31.8	31.3	29.8	30.4
3	28.8	26.7	27.6	32.0	28.7	30.1	34.4	30.7	32.4	31.0	29.5	30.3
4	28.1	26.7	27.3	31.3	29.6	30.4	33.5	32.0	32.8	31.5	29.1	30.4
5	30.7	26.8	28.4	30.9	29.4	30.2	34.0	31.2	32.5	32.5	29.6	30.8
6	29.6	27.7	28.6	32.6	29.8	30.9	32.7	30.5	31.4	32.0	29.3	30.5
7	29.3	27.4	28.3	31.8	30.6	31.1	31.3	28.4	29.9	32.8	28.5	30.4
8	30.0	27.9	28.7	30.8	28.8	29.8	30.5	27.9	28.7	31.9	28.4	30.1
9	30.8	28.2	29.4	28.8	27.9	28.4	29.9	27.7	28.6	31.8	30.1	30.8
10	31.4	28.8	29.9	31.7	28.2	29.5	31.9	29.7	30.6	31.6	29.6	30.6
11	31.8	29.4	30.5	32.6	30.5	31.1	31.6	29.8	30.7	30.1	28.8	29.5
12	33.8	29.2	31.2	33.1	30.1	31.6	31.4	29.1	30.2	29.3	27.7	28.3
13	33.0	29.9	31.3	---	---	---	29.1	25.6	26.9	28.8	26.8	27.7
14	29.9	27.6	28.4	---	---	---	26.7	23.2	25.0	29.4	27.4	28.3
15	30.0	28.0	28.9	---	---	---	27.3	23.6	25.4	28.4	25.1	26.9
16	30.5	28.8	29.5	---	---	---	28.5	25.2	26.5	28.2	24.4	25.9
17	32.1	28.9	30.3	---	---	---	29.0	26.3	27.6	28.6	27.6	28.2
18	32.6	30.0	31.4	---	---	---	29.6	27.8	28.7	31.2	28.4	29.5
19	32.2	29.9	30.8	---	---	---	30.7	28.6	29.6	30.8	28.4	29.3
20	32.6	29.3	30.4	---	---	---	31.7	29.4	30.5	28.7	26.8	27.7
21	31.3	30.0	30.6	31.6	29.0	30.1	31.6	30.0	30.9	27.1	25.0	26.4
22	31.1	29.6	30.4	31.2	28.5	30.1	32.2	29.6	31.0	26.8	25.0	25.7
23	30.8	29.5	30.2	33.1	29.6	31.3	32.5	30.4	31.6	27.3	25.2	26.1
24	30.4	28.6	29.7	33.6	31.0	32.1	32.6	30.7	31.7	28.0	26.1	26.9
25	28.7	27.5	28.1	33.1	31.3	32.1	32.3	30.6	31.4	28.9	26.3	27.6
26	30.5	27.4	28.7	31.6	29.6	30.2	32.7	30.3	31.2	28.4	25.9	27.2
27	31.3	28.7	29.5	32.9	28.7	30.3	32.6	30.3	31.4	28.5	25.6	27.1
28	31.4	29.8	30.5	32.7	30.2	31.4	31.5	30.1	30.9	29.1	26.1	27.4
29	31.5	30.0	30.5	33.6	31.3	32.2	31.4	29.3	30.4	27.6	26.1	26.9
30	30.7	29.1	29.8	33.1	31.3	32.2	30.3	29.0	29.5	28.5	26.7	27.6
31	---	---	---	32.4	30.7	31.2	29.8	27.8	29.1	---	---	---
MONTH	33.8	26.7	29.5	---	---	---	34.4	23.2	30.0	32.8	24.4	28.5

07380335 LITTLE LAKE NEAR CUTOFF, LA

LOCATION.--Lat 29° 31'03", long 90° 10'53", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on platform in Little Lake, 9.3 mi southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 5.08 ft, Aug. 26, 1992; minimum recorded gage height, -0.81 ft, Dec. 8, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.04 ft, Sept. 23; minimum elevation, -0.04 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.93	1.37	1.68	2.18	1.62	1.89	1.12	0.77	0.95	1.56	1.09	1.32
2	2.00	1.20	1.64	2.12	1.58	1.86	1.13	0.81	0.93	1.62	1.02	1.31
3	2.05	1.37	1.69	1.90	1.59	1.75	1.54	1.13	1.28	1.68	1.01	1.32
4	2.09	1.48	1.78	1.99	1.64	1.80	1.61	1.11	1.37	1.79	1.10	1.41
5	2.03	1.41	1.75	1.88	1.63	1.73	1.60	0.79	1.07	1.78	1.02	1.28
6	1.97	1.41	1.73	1.88	1.51	1.63	1.00	0.37	0.68	1.18	0.30	0.70
7	2.10	1.51	1.88	1.70	1.19	1.45	1.22	0.33	0.71	1.11	0.42	0.73
8	1.98	1.77	1.90	1.75	1.24	1.49	1.43	0.67	1.02	1.30	0.65	0.98
9	2.17	1.79	1.99	1.76	1.12	1.44	1.87	1.00	1.38	1.49	0.62	1.00
10	2.70	2.17	2.46	1.91	1.35	1.61	1.87	0.67	1.08	0.88	0.20	0.55
11	2.57	1.94	2.13	1.98	1.29	1.64	1.37	0.64	0.98	1.04	0.43	0.75
12	2.22	1.72	1.96	2.01	1.30	1.65	1.55	0.93	1.24	1.05	0.59	0.82
13	2.28	1.74	2.01	1.91	1.09	1.50	1.71	1.27	1.50	1.08	0.68	0.90
14	2.27	1.60	1.89	1.71	1.19	1.49	1.49	0.83	1.15	1.19	0.91	1.04
15	1.85	1.44	1.66	2.01	1.33	1.67	1.58	1.09	1.36	1.29	0.89	1.07
16	1.99	1.40	1.70	2.08	1.50	1.80	1.75	0.66	1.33	1.70	0.81	1.19
17	1.93	1.34	1.64	2.12	1.68	1.93	0.71	0.23	0.44	2.09	1.24	1.67
18	1.72	1.15	1.46	2.60	1.82	2.26	0.91	0.49	0.67	2.07	1.27	1.52
19	1.85	1.35	1.60	1.85	0.90	1.21	0.82	0.20	0.50	1.49	0.68	1.02
20	1.95	1.37	1.68	1.58	0.95	1.23	1.17	0.23	0.63	1.36	0.48	0.91
21	1.82	1.31	1.58	1.61	1.18	1.39	1.36	0.47	0.85	1.36	0.50	0.90
22	1.37	1.04	1.26	1.82	1.00	1.35	1.57	0.66	1.06	1.28	0.46	0.84
23	1.56	1.10	1.40	1.99	1.30	1.65	1.64	0.81	1.20	1.20	0.51	0.86
24	1.83	1.36	1.57	1.85	0.68	1.18	1.23	0.40	0.80	1.26	0.70	0.99
25	2.01	1.46	1.71	1.75	0.81	1.23	1.45	0.68	1.05	1.65	1.26	1.48
26	2.08	1.28	1.63	1.95	1.12	1.56	1.45	0.70	1.05	1.71	1.37	1.53
27	1.79	1.03	1.40	2.27	1.45	1.93	1.41	0.87	1.14	1.37	0.33	0.72
28	1.82	1.11	1.46	2.14	0.62	1.24	1.56	1.07	1.33	0.78	0.22	0.46
29	1.91	1.20	1.57	1.22	0.64	0.93	1.93	1.25	1.65	1.07	0.35	0.65
30	2.21	1.43	1.82	1.31	0.68	0.99	1.43	1.00	1.20	1.33	0.74	1.02
31	2.05	1.45	1.73	---	---	---	1.53	1.16	1.32	1.63	0.82	1.17
MONTH	2.70	1.03	1.72	2.60	0.62	1.55	1.93	0.20	1.06	2.09	0.20	1.04

MISSISSIPPI RIVER DELTA
07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.84	1.20	1.50	1.75	1.08	1.38	1.22	0.64	0.93	1.86	1.49	1.69
2	1.81	1.03	1.36	1.73	1.18	1.45	1.21	0.72	0.96	1.52	1.00	1.32
3	1.66	0.78	1.13	1.78	1.17	1.44	1.20	0.79	0.93	1.23	0.79	1.05
4	1.85	1.01	1.29	2.05	1.41	1.68	1.04	0.79	0.91	1.36	0.74	1.06
5	2.12	1.58	1.79	2.08	1.57	1.82	1.31	0.83	1.12	1.52	0.76	1.16
6	2.20	1.14	1.58	2.06	1.46	1.67	1.57	0.97	1.35	1.62	0.81	1.24
7	1.17	0.34	0.68	1.58	0.87	1.15	1.70	1.17	1.51	1.65	0.90	1.28
8	0.80	0.43	0.60	0.99	0.42	0.71	1.63	1.00	1.28	1.64	0.89	1.27
9	1.00	0.57	0.79	0.64	0.39	0.54	1.65	0.82	1.23	1.76	0.92	1.35
10	1.09	0.90	0.98	0.75	0.17	0.46	1.60	0.87	1.25	2.03	1.23	1.62
11	1.65	1.09	1.40	0.92	0.29	0.61	2.08	0.94	1.52	2.21	1.51	1.86
12	1.42	0.90	1.16	1.10	0.29	0.69	2.03	1.16	1.47	2.50	1.71	2.10
13	1.12	0.57	0.84	1.31	0.50	0.90	1.16	0.16	0.52	2.39	2.08	2.23
14	1.27	0.72	0.97	1.46	0.64	1.04	0.51	-0.04	0.23	2.40	2.16	2.26
15	0.74	0.13	0.42	1.56	0.76	1.13	0.64	0.07	0.31	2.58	1.98	2.32
16	0.92	0.04	0.42	1.51	0.82	1.15	0.78	0.32	0.52	2.29	1.88	2.08
17	0.92	0.18	0.53	1.56	0.98	1.24	0.87	0.67	0.76	2.30	1.87	2.09
18	0.86	0.06	0.42	1.58	1.01	1.29	1.01	0.76	0.92	2.42	1.86	2.15
19	1.04	0.28	0.59	1.59	1.06	1.26	1.29	0.81	1.07	2.31	1.73	2.03
20	1.27	0.54	0.91	1.46	1.08	1.23	1.34	0.80	1.08	2.22	1.64	1.91
21	1.34	0.73	1.02	1.29	0.65	0.97	1.66	0.91	1.35	2.02	1.49	1.73
22	1.42	1.08	1.22	0.89	0.60	0.73	1.93	1.30	1.65	2.09	1.39	1.75
23	1.94	1.21	1.60	1.57	0.72	1.25	1.93	1.38	1.66	2.28	1.50	1.89
24	2.07	1.71	1.96	1.76	1.08	1.46	2.05	1.38	1.70	2.21	1.61	1.92
25	1.71	1.34	1.61	2.05	1.46	1.77	1.95	1.38	1.67	2.15	1.62	1.88
26	1.34	0.82	1.02	1.92	1.36	1.65	1.77	1.18	1.43	---	---	---
27	1.01	0.55	0.77	1.89	1.25	1.58	1.34	0.81	1.08	---	---	---
28	1.29	0.52	0.86	1.91	1.47	1.70	1.71	0.82	1.23	---	---	---
29	1.49	0.86	1.17	1.85	1.30	1.56	1.80	1.39	1.55	---	---	---
30	---	---	---	1.52	1.05	1.32	1.98	1.72	1.89	---	---	---
31	---	---	---	1.40	0.64	0.97	---	---	---	---	---	---
MONTH	2.20	0.04	1.05	2.08	0.17	1.22	2.08	-0.04	1.17	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	2.04	1.30	1.66	2.01	1.31	1.66	1.34	1.07	1.17
2	---	---	---	2.01	1.26	1.64	1.76	1.19	1.47	1.37	1.07	1.21
3	---	---	---	1.99	1.22	1.60	1.63	1.16	1.38	1.54	1.24	1.38
4	1.99	1.38	1.66	1.89	1.25	1.57	1.43	1.06	1.25	1.76	1.25	1.50
5	1.90	1.17	1.52	1.86	1.24	1.57	1.17	0.86	1.00	1.71	1.12	1.43
6	1.92	1.12	1.48	1.75	1.29	1.50	1.05	0.65	0.85	1.49	0.74	1.16
7	1.88	1.28	1.57	1.56	1.19	1.36	1.12	0.67	0.95	1.12	0.47	0.84
8	1.88	1.34	1.62	1.48	1.26	1.37	1.74	1.12	1.40	1.09	0.51	0.80
9	1.78	1.43	1.63	1.56	1.31	1.43	1.85	1.11	1.50	1.40	0.66	1.10
10	1.72	1.55	1.60	1.65	1.20	1.43	1.71	1.04	1.42	1.33	0.81	1.10
11	1.63	1.36	1.52	1.70	1.18	1.46	1.70	1.07	1.42	1.61	0.84	1.31
12	1.68	1.31	1.50	1.54	0.91	1.29	1.70	0.96	1.40	1.97	1.17	1.63
13	1.83	1.37	1.66	1.50	0.86	1.20	1.26	0.62	0.97	1.98	1.55	1.77
14	2.06	1.57	1.83	1.52	0.85	1.20	1.28	0.57	0.93	2.47	1.80	2.16
15	2.10	1.55	1.81	1.57	0.85	1.22	1.32	0.61	0.98	2.52	1.19	2.17
16	2.29	1.52	1.94	1.56	0.89	1.20	1.36	0.74	1.05	1.97	0.89	1.59
17	2.12	1.55	1.82	1.40	0.81	1.08	1.37	0.76	1.08	2.04	1.60	1.78
18	1.97	1.41	1.67	1.12	0.64	0.85	1.44	0.92	1.20	2.04	1.36	1.69
19	1.79	1.26	1.50	1.37	0.61	1.00	1.49	1.13	1.34	2.07	1.45	1.75
20	1.75	1.14	1.43	1.43	0.79	1.12	1.48	1.19	1.33	2.22	1.66	1.94
21	1.70	1.08	1.40	1.42	0.97	1.22	1.43	0.93	1.18	2.41	1.84	2.12
22	1.74	1.18	1.49	1.30	0.96	1.11	1.43	0.86	1.16	2.57	2.00	2.28
23	1.77	1.25	1.52	1.05	0.91	1.00	1.50	0.88	1.20	3.04	2.17	2.64
24	1.82	1.36	1.60	1.23	0.91	1.07	1.58	0.91	1.25	2.60	1.85	2.32
25	1.78	1.44	1.62	1.25	0.79	1.07	1.61	0.88	1.28	2.19	1.59	1.94
26	1.55	1.28	1.42	1.39	0.77	1.09	1.59	0.88	1.25	1.94	1.42	1.68
27	1.70	1.25	1.48	1.46	0.77	1.12	1.66	0.93	1.34	1.68	1.23	1.43
28	1.78	1.25	1.52	1.49	0.77	1.13	1.72	0.99	1.35	1.23	0.97	1.11
29	1.87	1.25	1.54	1.67	0.78	1.28	1.81	0.99	1.31	1.38	0.90	1.10
30	1.94	1.25	1.62	1.78	0.90	1.37	1.57	1.01	1.27	1.46	0.93	1.20
31	---	---	---	1.97	1.11	1.56	1.40	1.00	1.18	---	---	---
MONTH	---	---	---	2.04	0.61	1.28	2.01	0.57	1.24	3.04	0.47	1.58

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

SALINITY: October 2002 to current year.

WATER TEMPERATURE: June 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Nov. 28-Dec. 2, Jan. 26-Feb. 18, and July 22-Aug. 9 when records good; Aug. 10-22 when records fair; and Aug. 23-24 when rated poor.

SALINITY: Records excellent except for Nov. 28-Dec. 2, Jan. 26-Feb. 18, and July 22-Aug. 9 when records good; Aug. 10-22 when records fair; and Aug. 23-24 when rated poor.

WATER TEMPERATURE: Records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 43,400 microsiemens/cm, Nov. 7, 2000; minimum, 239 microsiemens/cm, Aug. 7, 2004.

SALINITY: Maximum, 19.0 ppt, Sept. 23, 2004; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 19, July 3, 1995; minimum, 2.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 30,700 microsiemens/cm, Sept. 23; minimum, 239 microsiemens/cm, Aug. 7.

SALINITY: Maximum, 19.0 ppt, Sept. 23; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.6°C, Aug. 5; minimum, 8.6°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7,180	5,570	6,280	10,200	6,660	8,920	4,840	4,160	4,400	2,540	2,050	2,240
2	7,470	5,980	6,750	10,200	6,410	8,960	4,780	3,360	3,710	2,240	1,930	2,080
3	7,220	6,000	6,750	8,960	6,410	7,260	4,770	3,380	3,750	2,280	1,960	2,080
4	8,350	6,980	7,680	8,760	7,050	7,990	4,880	3,680	4,340	2,300	2,020	2,140
5	9,440	7,350	8,300	10,900	7,390	9,250	4,700	2,990	3,910	3,130	1,760	2,250
6	9,130	7,450	8,240	12,700	7,880	10,600	3,640	2,620	2,960	1,760	1,160	1,310
7	10,000	7,510	8,900	11,300	6,980	8,100	3,050	2,600	2,690	1,470	1,010	1,100
8	10,900	10,000	10,400	7,660	6,330	7,100	3,470	2,920	3,200	1,870	1,080	1,240
9	11,300	10,800	11,100	8,280	5,010	6,390	3,970	3,470	3,770	2,040	1,270	1,730
10	18,300	11,300	14,900	8,430	6,070	7,860	4,810	3,200	3,830	1,990	1,070	1,430
11	19,200	14,200	16,500	8,070	6,950	7,490	3,720	2,820	3,040	1,480	1,100	1,260
12	14,200	10,700	12,000	10,800	7,560	8,970	3,330	2,810	3,090	1,780	1,120	1,470
13	10,900	9,470	10,400	15,800	6,420	9,820	3,770	2,870	3,300	1,810	1,290	1,520
14	9,770	7,850	9,230	7,740	5,580	7,160	3,040	2,400	2,710	1,790	1,430	1,720
15	7,990	5,600	6,260	13,300	7,360	10,300	2,930	2,400	2,750	1,810	1,560	1,720
16	6,220	5,440	5,820	14,900	10,700	12,600	3,520	2,430	2,880	4,850	1,370	1,940
17	6,050	5,700	5,960	15,000	11,400	13,100	2,900	2,010	2,330	9,380	2,300	4,450
18	5,700	4,010	4,520	24,500	12,900	20,500	3,620	1,730	2,280	11,300	2,840	6,470
19	4,700	4,200	4,470	16,800	10,400	13,200	2,460	1,630	1,820	4,110	1,610	2,630
20	6,240	4,360	5,320	10,800	6,680	8,360	1,940	1,630	1,730	1,730	1,110	1,410
21	5,900	4,690	5,540	11,200	7,750	8,910	2,270	1,740	1,920	1,890	1,100	1,440
22	4,690	3,920	4,430	9,320	7,390	8,130	2,740	2,220	2,430	1,260	1,050	1,140
23	5,320	3,910	4,260	11,700	9,000	10,200	3,450	2,220	2,710	1,280	1,000	1,100
24	6,290	4,910	5,640	11,400	4,980	7,250	2,360	1,750	2,120	1,380	1,020	1,130
25	6,690	5,890	6,390	6,850	4,510	5,210	2,250	1,710	1,970	2,230	1,020	1,780
26	8,090	5,010	6,490	10,300	6,850	8,720	2,270	1,710	2,090	4,300	2,230	3,230
27	5,500	3,440	4,730	17,700	8,550	13,300	2,230	1,730	1,990	2,730	1,010	1,370
28	4,840	3,480	4,310	14,700	5,660	8,410	2,570	1,780	2,220	1,010	829	882
29	5,660	4,050	4,820	5,700	4,180	4,820	8,120	2,420	4,980	1,020	808	857
30	11,400	4,720	8,240	5,850	4,110	4,740	3,380	1,730	2,490	1,130	811	944
31	10,200	4,810	7,330	---	---	---	2,610	1,980	2,320	1,130	811	872
MONTH	19,200	3,440	7,480	24,500	4,110	9,120	8,120	1,630	2,890	11,300	808	1,840

07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1,280	827	1,000	1,280	651	1,030	977	673	770	2,140	1,010	1,590
2	1,380	827	1,060	1,120	651	928	1,260	765	1,040	1,010	547	741
3	1,380	1,030	1,200	1,030	724	892	1,380	856	1,120	634	462	545
4	1,240	1,070	1,180	1,610	726	1,050	1,410	757	1,080	575	462	546
5	6,410	1,130	1,580	7,550	854	3,110	1,380	700	991	739	524	578
6	7,920	1,070	3,010	7,550	1,820	4,010	2,590	1,340	1,670	672	537	562
7	1,270	866	1,040	1,970	828	1,530	3,060	1,670	2,340	561	531	547
8	886	693	766	1,050	637	801	2,000	1,430	1,710	555	519	538
9	1,250	684	867	672	518	599	1,650	1,140	1,330	572	493	524
10	1,000	690	844	743	501	573	1,660	1,070	1,280	936	539	608
11	1,590	678	910	959	527	637	3,150	1,010	1,440	1,780	645	893
12	1,670	667	971	956	571	739	3,330	1,020	1,500	4,390	1,230	2,430
13	737	599	646	1,040	589	768	1,420	520	866	4,690	1,320	2,930
14	1,080	595	713	1,180	599	869	687	478	557	5,700	2,350	4,220
15	1,210	514	733	1,240	621	884	889	470	575	9,050	2,230	5,950
16	1,040	497	604	1,270	688	902	882	499	637	4,120	1,560	3,320
17	1,050	519	740	930	715	788	818	566	674	2,310	1,480	1,780
18	894	558	669	1,330	890	1,000	1,150	650	977	1,880	728	1,260
19	977	545	700	1,170	791	894	1,120	677	943	1,330	575	825
20	1,050	542	706	809	754	786	1,420	726	987	962	544	634
21	1,100	608	770	820	593	769	4,400	904	2,420	808	528	587
22	772	612	700	593	457	473	14,000	4,120	8,150	780	460	540
23	1,170	658	864	1,940	469	940	13,800	3,420	9,140	723	487	594
24	4,430	855	2,600	3,210	764	1,390	12,200	5,840	9,160	1,540	488	1,080
25	1,320	759	941	6,120	2,590	4,070	12,200	6,450	9,320	2,280	520	826
26	1,200	620	820	5,860	2,010	4,050	9,920	6,220	8,640	---	---	---
27	795	498	576	5,500	1,240	3,100	9,200	2,720	4,730	---	---	---
28	889	467	603	6,230	2,430	4,190	3,480	1,920	2,570	---	---	---
29	1,430	511	880	7,640	3,620	5,560	4,140	3,300	3,680	---	---	---
30	---	---	---	4,800	3,820	4,440	4,260	1,960	3,080	---	---	---
31	---	---	---	4,240	971	2,760	---	---	---	---	---	---
MONTH	7,920	467	989	7,640	457	1,760	14,000	470	2,780	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	433	297	345	835	471	599	1,330	991	1,120
2	---	---	---	423	306	345	634	443	506	1,210	992	1,150
3	---	---	---	324	305	311	498	363	395	1,280	1,210	1,270
4	679	468	538	328	293	308	364	323	342	2,800	1,270	1,860
5	534	441	472	343	313	326	383	325	359	2,870	1,080	2,060
6	521	386	432	350	312	330	385	246	288	1,200	801	1,060
7	497	412	462	366	290	313	280	239	254	883	504	698
8	508	470	485	366	275	297	467	280	398	579	470	502
9	517	468	481	421	275	332	557	363	470	1,100	488	781
10	523	472	501	386	329	363	1,400	447	631	1,130	524	903
11	543	465	515	347	290	320	1,780	377	691	1,280	898	1,080
12	497	457	476	344	290	313	502	353	407	7,190	1,040	3,330
13	567	432	475	388	290	315	413	309	345	10,000	3,640	7,310
14	617	425	477	386	295	317	371	281	317	20,000	9,760	14,600
15	595	443	494	497	307	342	421	264	321	22,100	6,640	14,900
16	851	488	614	452	365	391	433	348	387	17,800	6,060	12,200
17	966	536	651	1,080	325	411	643	394	469	20,900	14,300	18,200
18	544	470	485	973	282	364	895	477	634	23,100	12,000	17,800
19	481	387	440	431	268	306	1,400	810	1,020	14,900	11,100	12,500
20	436	325	372	361	295	321	1,860	750	1,410	15,400	11,800	14,000
21	426	320	369	354	311	327	759	495	672	21,800	13,700	18,800
22	438	328	393	390	323	370	811	524	655	26,700	19,700	22,700
23	497	372	439	396	291	332	1,440	667	1,060	30,700	21,800	27,500
24	540	361	442	328	268	288	2,860	680	1,760	29,800	21,100	27,800
25	576	327	401	301	268	283	4,150	1,160	2,290	24,900	20,400	23,200
26	395	324	346	280	254	266	2,770	1,160	2,050	23,400	18,200	21,500
27	435	309	332	275	258	267	3,220	747	1,790	18,600	14,900	17,000
28	428	315	363	362	266	296	2,980	953	1,880	14,900	8,090	12,300
29	396	313	341	392	267	324	3,220	981	2,050	11,100	7,140	8,870
30	321	284	300	478	299	378	2,160	825	1,320	11,300	8,130	9,970
31	---	---	---	636	350	464	1,450	908	1,150	---	---	---
MONTH	---	---	---	1,080	254	331	4,150	239	868	30,700	470	10,600

07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.9	3.0	3.4	5.8	3.6	5.0	2.6	2.2	2.3	1.3	1.0	1.1
2	4.1	3.2	3.7	5.8	3.5	5.0	2.6	1.8	2.0	1.1	1.0	1.1
3	4.0	3.3	3.7	5.0	3.5	4.0	2.5	1.8	2.0	1.2	1.0	1.1
4	4.6	3.8	4.2	4.9	3.9	4.4	2.6	1.9	2.3	1.2	1.0	1.1
5	5.3	4.0	4.6	6.2	4.1	5.2	2.5	1.6	2.1	1.6	0.9	1.1
6	5.1	4.1	4.6	7.3	4.4	6.0	1.9	1.3	1.5	0.9	0.6	0.6
7	5.6	4.1	5.0	6.4	3.8	4.5	1.6	1.3	1.4	0.7	0.5	0.5
8	6.2	5.6	5.9	4.2	3.4	3.9	1.8	1.5	1.7	0.9	0.5	0.6
9	6.4	6.1	6.3	4.6	2.7	3.5	2.1	1.8	2.0	1.0	0.6	0.9
10	10.8	6.4	8.7	4.7	3.3	4.3	2.6	1.7	2.0	1.0	0.5	0.7
11	11.4	8.2	9.7	4.5	3.8	4.1	2.0	1.5	1.6	0.7	0.5	0.6
12	8.2	6.1	6.9	6.1	4.2	5.0	1.7	1.5	1.6	0.9	0.6	0.7
13	6.2	5.3	5.9	9.2	3.5	5.5	2.0	1.5	1.7	0.9	0.6	0.8
14	5.5	4.3	5.2	4.3	3.0	3.9	1.6	1.2	1.4	0.9	0.7	0.9
15	4.4	3.0	3.4	7.6	4.0	5.8	1.5	1.2	1.4	0.9	0.8	0.9
16	3.4	2.9	3.1	8.7	6.1	7.2	1.8	1.2	1.5	2.6	0.7	1.0
17	3.3	3.1	3.2	8.7	6.5	7.5	1.5	1.0	1.2	5.2	1.2	2.4
18	3.1	2.1	2.4	14.8	7.4	12.2	1.9	0.9	1.2	6.4	1.5	3.6
19	2.5	2.2	2.4	9.9	5.9	7.6	1.3	0.8	0.9	2.2	0.8	1.4
20	3.4	2.3	2.9	6.1	3.6	4.7	1.0	0.8	0.9	0.9	0.5	0.7
21	3.2	2.5	3.0	6.3	4.3	5.0	1.2	0.9	1.0	1.0	0.5	0.7
22	2.5	2.1	2.4	5.2	4.1	4.5	1.4	1.1	1.2	0.6	0.5	0.6
23	2.9	2.1	2.3	6.6	5.0	5.8	1.8	1.1	1.4	0.6	0.5	0.5
24	3.4	2.6	3.0	6.5	2.7	4.0	1.2	0.9	1.1	0.7	0.5	0.6
25	3.7	3.2	3.5	3.7	2.4	2.8	1.1	0.9	1.0	1.1	0.5	0.9
26	4.5	2.7	3.5	5.8	3.7	4.9	1.2	0.9	1.1	2.3	1.1	1.7
27	3.0	1.8	2.5	10.4	4.8	7.7	1.1	0.9	1.0	1.4	0.5	0.7
28	2.6	1.8	2.3	8.6	3.1	4.7	1.3	0.9	1.1	0.5	0.4	0.4
29	3.1	2.1	2.6	3.1	2.2	2.6	4.5	1.2	2.7	0.5	0.4	0.4
30	6.5	2.5	4.6	3.2	2.2	2.5	1.8	0.9	1.3	0.6	0.4	0.5
31	5.8	2.6	4.0	---	---	---	1.3	1.0	1.2	0.6	0.4	0.4
MONTH	11.4	1.8	4.2	14.8	2.2	5.1	4.5	0.8	1.5	6.4	0.4	0.9
FEBRUARY			MARCH			APRIL			MAY			
1	0.6	0.4	0.5	0.6	0.3	0.5	0.5	0.3	0.4	1.1	0.5	0.8
2	0.7	0.4	0.5	0.6	0.3	0.5	0.6	0.4	0.5	0.5	0.3	0.4
3	0.7	0.5	0.6	0.5	0.4	0.4	0.7	0.4	0.6	0.3	0.2	0.3
4	0.6	0.5	0.6	0.8	0.4	0.5	0.7	0.4	0.5	0.3	0.2	0.3
5	3.5	0.6	0.8	4.2	0.4	1.6	0.7	0.3	0.5	0.4	0.3	0.3
6	4.4	0.5	1.6	4.2	0.9	2.1	1.3	0.7	0.8	0.3	0.3	0.3
7	0.6	0.4	0.5	1.0	0.4	0.8	1.6	0.8	1.2	0.3	0.3	0.3
8	0.4	0.3	0.4	0.5	0.3	0.4	1.0	0.7	0.9	0.3	0.3	0.3
9	0.6	0.3	0.4	0.3	0.3	0.3	0.8	0.6	0.7	0.3	0.2	0.3
10	0.5	0.3	0.4	0.4	0.2	0.3	0.8	0.5	0.6	0.5	0.3	0.3
11	0.8	0.3	0.4	0.5	0.3	0.3	1.6	0.5	0.7	0.9	0.3	0.4
12	0.8	0.3	0.5	0.5	0.3	0.4	1.7	0.5	0.8	2.3	0.6	1.3
13	0.4	0.3	0.3	0.5	0.3	0.4	0.7	0.3	0.4	2.5	0.7	1.5
14	0.5	0.3	0.4	0.6	0.3	0.4	0.3	0.2	0.3	3.1	1.2	2.2
15	0.6	0.3	0.4	0.6	0.3	0.4	0.4	0.2	0.3	5.0	1.1	3.2
16	0.5	0.2	0.3	0.6	0.3	0.4	0.4	0.2	0.3	2.2	0.8	1.7
17	0.5	0.3	0.4	0.5	0.4	0.4	0.4	0.3	0.3	1.2	0.7	0.9
18	0.4	0.3	0.3	0.7	0.4	0.5	0.6	0.3	0.5	1.0	0.4	0.6
19	0.5	0.3	0.3	0.6	0.4	0.4	0.6	0.3	0.5	0.7	0.3	0.4
20	0.5	0.3	0.3	0.4	0.4	0.4	0.7	0.4	0.5	0.5	0.3	0.3
21	0.5	0.3	0.4	0.4	0.3	0.4	2.3	0.4	1.3	0.4	0.3	0.3
22	0.4	0.3	0.3	0.3	0.2	0.2	8.1	2.2	4.6	0.4	0.2	0.3
23	0.6	0.3	0.4	1.0	0.2	0.5	7.9	1.8	5.1	0.4	0.2	0.3
24	2.4	0.4	1.3	1.7	0.4	0.7	7.0	3.2	5.1	0.8	0.2	0.5
25	0.7	0.4	0.5	3.3	1.3	2.2	7.0	3.5	5.2	1.2	0.3	0.4
26	0.6	0.3	0.4	3.2	1.0	2.1	5.6	3.4	4.8	---	---	---
27	0.4	0.2	0.3	3.0	0.6	1.6	5.1	1.4	2.5	---	---	---
28	0.4	0.2	0.3	3.4	1.2	2.2	1.8	1.0	1.3	---	---	---
29	0.7	0.3	0.4	4.2	1.9	3.0	2.2	1.7	1.9	---	---	---
30	---	---	---	2.6	2.0	2.4	2.3	1.0	1.6	---	---	---
31	---	---	---	2.2	0.5	1.4	---	---	---	---	---	---
MONTH	4.4	0.2	0.5	4.2	0.2	0.9	8.1	0.2	1.5	---	---	---

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	0.2	0.2	0.2	0.4	0.2	0.3	0.7	0.5	0.6
2	---	---	---	0.2	0.2	0.2	0.3	0.2	0.2	0.6	0.5	0.6
3	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.6	0.6
4	0.3	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.2	1.4	0.6	0.9
5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.5	0.5	1.1
6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.6	0.4	0.5
7	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.3
8	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.2
9	0.3	0.2	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.5	0.2	0.4
10	0.3	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.3	0.6	0.3	0.4
11	0.3	0.2	0.3	0.2	0.1	0.2	0.9	0.2	0.3	0.6	0.4	0.5
12	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	3.9	0.5	1.8
13	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	5.6	1.9	4.0
14	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	11.9	5.5	8.5
15	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	13.3	3.6	8.7
16	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	10.5	3.3	7.0
17	0.5	0.3	0.3	0.5	0.2	0.2	0.3	0.2	0.2	12.5	8.3	10.8
18	0.3	0.2	0.2	0.5	0.1	0.2	0.4	0.2	0.3	13.9	6.8	10.5
19	0.2	0.2	0.2	0.2	0.1	0.2	0.7	0.4	0.5	8.7	6.3	7.1
20	0.2	0.2	0.2	0.2	0.1	0.2	0.9	0.4	0.7	9.0	6.7	8.1
21	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.3	13.1	7.9	11.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	16.3	11.7	13.7
23	0.2	0.2	0.2	0.2	0.1	0.2	0.7	0.3	0.5	19.0	13.1	16.9
24	0.3	0.2	0.2	0.2	0.1	0.1	1.5	0.3	0.9	18.4	12.6	17.1
25	0.3	0.2	0.2	0.2	0.1	0.1	2.2	0.6	1.2	15.1	12.1	14.0
26	0.2	0.2	0.2	0.1	0.1	0.1	1.4	0.6	1.0	14.2	10.7	12.9
27	0.2	0.2	0.2	0.1	0.1	0.1	1.7	0.4	0.9	11.0	8.7	10
28	0.2	0.2	0.2	0.2	0.1	0.2	1.5	0.5	1.0	8.7	4.5	7.1
29	0.2	0.2	0.2	0.2	0.1	0.2	1.7	0.5	1.0	6.3	3.9	5.0
30	0.2	0.1	0.2	0.2	0.2	0.2	1.1	0.4	0.7	6.4	4.5	5.6
31	---	---	---	0.3	0.2	0.2	0.7	0.4	0.6	---	---	---
MONTH	---	---	---	0.5	0.1	0.2	2.2	0.1	0.4	19.0	0.2	6.2

07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.3	21.1	21.6	24.1	22.6	23.3	14.9	13.1	13.8	15.3	13.7	14.4
2	21.7	20.6	21.1	24.8	23.3	23.8	14.7	13.5	14.0	15.8	14.9	15.3
3	22.2	20.0	20.8	24.4	23.3	23.7	15.2	13.8	14.2	17.4	15.6	16.4
4	22.1	20.9	21.5	24.3	23.5	23.9	15.8	14.8	15.2	18.7	16.6	17.6
5	25.1	21.9	23.0	24.4	24.0	24.1	15.5	13.8	15.0	19.1	16.4	18.1
6	25.5	23.0	24.3	24.8	24.1	24.4	13.8	10.9	12.2	16.4	11.6	13.8
7	25.9	23.8	25.0	24.5	23.9	24.2	11.8	10.5	11.1	11.6	9.4	10.1
8	26.7	25.4	25.9	23.9	22.7	23.3	12.3	10.7	11.5	10.1	9.2	9.5
9	26.6	25.6	26.0	23.0	21.7	22.4	13.5	11.9	12.7	11.0	9.7	10.4
10	26.2	25.5	25.7	22.5	21.8	22.1	13.6	12.1	12.8	10.4	9.0	9.6
11	25.5	24.9	25.4	23.2	21.7	22.3	12.5	11.1	11.8	10.2	8.6	9.4
12	25.4	24.2	24.8	23.3	22.2	22.7	12.6	11.3	11.8	10.9	9.0	9.9
13	26.1	24.4	25.0	23.0	19.9	22.2	12.7	12.0	12.4	11.2	10.6	10.9
14	25.9	24.8	25.2	19.9	18.3	19.0	12.6	11.5	12.1	12.8	11.0	11.7
15	24.8	22.7	23.3	20.2	18.1	18.7	12.8	11.3	12.1	13.9	12.3	13.0
16	23.6	22.1	22.8	20.1	19.0	19.6	14.0	12.4	12.9	14.3	12.9	13.6
17	24.3	22.7	23.2	21.8	20.0	20.7	12.4	11.1	11.5	15.2	13.8	14.3
18	22.8	21.6	22.2	21.8	20.4	21.5	11.5	9.6	10.9	16.4	15.0	15.5
19	22.7	21.2	21.9	20.4	17.7	18.9	11.4	10.0	10.8	15.0	13.1	14.4
20	23.3	21.5	22.2	18.2	16.7	17.6	11.1	9.9	10.5	13.1	11.3	12.1
21	23.6	22.2	22.8	19.0	17.4	18.1	11.7	10.0	11.0	12.8	10.9	11.8
22	24.0	22.0	23.0	19.6	18.2	18.9	13.2	11.4	12.3	12.6	11.2	11.9
23	24.6	22.3	23.0	20.4	18.9	19.6	13.8	12.7	13.1	13.1	11.7	12.3
24	25.0	23.9	24.5	19.7	15.0	17.2	13.7	12.2	12.9	14.1	12.7	13.3
25	24.7	24.1	24.4	15.0	13.9	14.4	12.5	11.7	12.1	15.4	13.5	14.4
26	24.5	23.8	24.3	15.0	14.0	14.5	12.8	11.4	12.0	15.1	14.7	14.9
27	23.8	20.8	22.1	16.4	15.0	15.7	13.4	12.1	12.7	14.8	11.8	13.4
28	21.2	19.7	20.5	16.2	13.3	14.8	14.3	12.8	13.5	11.8	9.7	10.5
29	21.1	19.9	20.3	13.5	12.2	12.9	14.9	14.1	14.6	11.1	9.8	10.4
30	22.4	20.4	21.3	13.6	12.0	12.9	14.2	13.1	13.6	11.1	10.7	10.9
31	23.3	21.6	22.4	---	---	---	14.4	12.8	13.5	11.1	10.5	10.9
MONTH	26.7	19.7	23.2	24.8	12.0	19.9	15.8	9.6	12.6	19.1	8.6	12.7
FEBRUARY			MARCH			APRIL			MAY			
1	11.2	10.4	10.8	17.4	15.7	16.5	21.3	18.8	19.7	23.9	21.3	22.3
2	11.9	11.0	11.4	19.2	17.0	18.0	22.5	19.0	20.5	22.9	21.9	22.6
3	12.1	10.8	11.5	20.6	18.7	19.5	22.9	19.9	21.5	22.8	21.1	21.8
4	11.9	10.9	11.5	21.3	19.7	20.5	23.8	21.2	22.3	23.9	20.7	21.8
5	14.9	11.8	13.2	21.8	20.6	21.2	22.8	20.7	21.6	23.8	21.7	22.5
6	15.2	13.8	14.6	23.0	21.7	22.2	21.7	20.7	21.1	24.7	22.8	23.5
7	13.8	11.9	12.8	22.8	21.8	22.4	22.7	20.6	21.5	25.7	23.6	24.6
8	11.9	10.1	10.8	22.4	19.5	20.7	24.5	21.6	22.7	26.9	24.8	25.9
9	12.9	10.0	11.2	20.5	18.1	19.2	23.8	22.5	23.1	27.4	25.9	26.6
10	12.2	11.6	12.0	18.1	16.2	17.0	24.8	23.1	24.1	26.8	25.4	26.2
11	13.3	12.1	12.5	17.4	15.8	16.6	24.3	23.4	23.8	26.3	25.3	25.9
12	13.8	12.6	13.2	18.3	16.6	17.3	23.5	20.7	22.3	26.7	25.3	26.0
13	12.6	11.7	12.0	18.7	17.0	17.9	20.7	17.7	18.9	26.6	25.2	26.0
14	11.7	11.0	11.5	18.6	18.0	18.4	19.2	16.6	17.9	26.8	25.6	26.1
15	11.1	10.0	10.6	19.0	18.1	18.6	20.6	17.3	18.9	26.2	25.0	25.7
16	12.1	9.8	10.9	20.5	18.7	19.5	21.8	18.9	20.1	26.7	24.8	25.7
17	12.6	10.5	11.7	20.6	18.8	19.8	22.4	19.7	20.9	27.4	25.6	26.5
18	13.4	11.1	12.2	22.1	19.5	20.7	22.8	20.8	21.8	27.6	26.1	26.8
19	14.4	11.6	13.0	23.1	20.6	21.8	23.6	21.7	22.6	27.9	26.5	27.2
20	16.0	12.8	14.3	23.6	21.8	22.6	23.6	22.2	23.0	28.5	26.7	27.4
21	17.0	14.5	15.6	23.8	21.6	22.8	24.0	22.3	23.2	28.7	27.2	27.7
22	16.5	15.1	15.7	21.6	18.9	19.7	24.8	23.0	23.9	29.1	27.6	28.2
23	17.0	15.9	16.4	19.5	17.7	18.6	25.6	24.0	24.8	28.6	27.2	27.9
24	16.6	16.1	16.4	19.5	17.9	18.7	26.0	24.7	25.4	29.2	26.9	27.9
25	16.8	15.8	16.2	20.4	18.7	19.5	26.0	25.1	25.6	28.9	27.4	28.0
26	16.1	13.7	14.8	21.5	19.5	20.6	25.6	24.6	25.1	---	---	---
27	14.6	13.1	13.8	22.5	20.7	21.5	25.4	23.2	24.3	---	---	---
28	14.7	13.2	14.0	23.3	21.4	22.2	24.2	22.8	23.6	---	---	---
29	16.0	14.1	15.0	22.9	22.1	22.6	23.8	22.7	23.3	---	---	---
30	---	---	---	24.4	22.1	22.9	23.6	21.8	22.4	---	---	---
31	---	---	---	22.6	20.2	21.7	---	---	---	---	---	---
MONTH	17.0	9.8	13.1	24.4	15.7	20.0	26.0	16.6	22.3	---	---	---

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	30.1	28.9	29.5	31.7	30.4	31.0	31.6	29.0	29.7
2	---	---	---	29.8	29.1	29.4	31.6	30.8	31.1	31.0	29.0	29.8
3	---	---	---	30.1	28.8	29.3	32.4	30.5	31.4	30.3	28.8	29.5
4	28.9	27.8	28.2	30.9	29.1	29.9	31.8	30.9	31.2	30.8	29.1	29.5
5	29.2	27.8	28.4	31.5	29.8	30.6	32.6	30.7	31.5	30.9	29.2	29.9
6	29.7	27.9	28.5	31.1	30.5	30.8	31.4	29.7	30.5	30.3	29.0	29.7
7	29.4	28.0	28.7	30.8	29.8	30.2	30.5	28.6	29.3	30.1	28.5	29.3
8	30.1	28.2	29.0	29.8	28.3	29.1	29.4	28.6	28.9	30.4	28.4	29.1
9	30.4	28.7	29.5	28.5	27.7	28.0	30.4	28.2	29.0	29.7	28.6	29.1
10	29.8	29.0	29.4	29.3	28.0	28.5	30.1	28.6	29.1	29.8	28.4	29.1
11	31.5	28.6	29.9	30.5	28.4	29.1	30.8	29.1	29.9	29.7	28.6	29.1
12	30.7	29.3	29.8	31.4	29.6	30.3	30.0	28.3	29.5	29.0	28.0	28.5
13	30.7	29.4	30.0	31.0	29.4	30.2	28.3	25.4	26.8	28.5	27.7	28.1
14	29.4	28.5	28.8	31.2	29.2	30.0	25.9	24.1	25.1	28.8	27.5	28.1
15	29.6	28.1	28.8	31.6	29.5	30.3	25.9	24.2	25.1	28.1	25.6	27.0
16	30.0	28.5	29.2	31.5	30.2	30.7	26.4	24.8	25.5	26.7	24.8	25.5
17	30.0	28.8	29.1	31.0	29.8	30.4	27.3	25.9	26.6	27.4	26.7	27.0
18	31.6	29.4	30.8	30.6	28.7	29.5	28.3	26.7	27.4	29.6	26.9	28.0
19	31.2	29.8	30.3	30.0	28.5	29.2	29.4	27.5	28.4	29.0	27.5	28.3
20	30.5	29.3	29.8	30.9	29.4	30.1	30.2	28.6	29.3	28.0	26.7	27.3
21	30.4	29.0	29.6	30.6	29.8	30.2	31.3	29.6	30.3	26.7	26.0	26.3
22	30.0	28.6	29.4	31.2	29.6	30.2	30.7	29.6	30.0	26.1	25.2	25.6
23	30.3	29.3	29.7	32.4	29.8	31.0	31.2	29.4	30.0	26.2	25.0	25.6
24	29.9	28.6	29.4	32.4	30.3	31.1	31.7	29.7	30.6	26.8	25.8	26.3
25	29.0	27.6	28.1	32.1	30.7	31.4	32.3	30.2	31.0	27.4	26.3	26.6
26	28.5	27.5	27.9	31.4	30.1	30.6	32.3	29.8	30.9	27.2	25.7	26.5
27	29.8	27.5	28.4	31.7	29.4	30.2	32.0	30.2	30.9	26.7	25.7	26.3
28	29.8	28.8	29.2	30.9	29.4	30.0	31.0	30.1	30.5	26.7	25.6	26.2
29	29.8	28.7	29.1	30.8	29.5	29.9	30.8	29.3	30.0	26.4	25.2	25.8
30	30.0	28.6	29.3	31.6	29.6	30.6	29.7	28.8	29.1	27.7	25.4	26.3
31	---	---	---	31.3	30.3	30.8	29.5	28.6	29.0	---	---	---
MONTH	---	---	---	32.4	27.7	30.0	32.6	24.1	29.3	31.6	24.8	27.8

07380340 TENNESSEE CANAL NEAR CUTOFF, LA

LOCATION.--Lat 29° 27'22", long 90° 11'45", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on Tennessee Canal, 6.3 mi east northeast of Galliano and 10 mi. southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage was 0.18 ft above NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 5.44 ft, Aug. 26, 1992; minimum recorded gage height, -1.96 ft, Feb. 10, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.12 ft, Sept. 23; minimum gage height, 0.10 ft, Feb. 16.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.91	1.34	1.67	2.18	1.59	1.87	1.12	0.78	0.95	1.56	1.12	1.33
2	2.02	1.25	1.67	2.12	1.54	1.86	1.11	0.86	0.97	1.55	1.03	1.28
3	2.00	1.32	1.67	1.87	1.53	1.69	1.56	1.11	1.29	1.57	1.00	1.27
4	1.99	1.34	1.69	1.90	1.57	1.74	1.61	1.12	1.35	1.64	1.07	1.33
5	1.92	1.30	1.65	1.77	1.53	1.63	1.61	0.83	1.16	1.69	1.03	1.28
6	1.86	1.27	1.60	1.78	1.43	1.57	1.06	0.50	0.79	1.26	0.58	0.92
7	1.96	1.40	1.75	1.63	1.17	1.38	1.11	0.52	0.83	1.12	0.66	0.91
8	1.91	1.67	1.80	1.69	1.22	1.46	1.35	0.83	1.09	1.36	0.88	1.11
9	2.04	1.68	1.87	1.75	1.14	1.44	1.71	1.15	1.39	1.51	0.71	1.12
10	2.53	2.04	2.32	1.81	1.38	1.62	1.77	0.75	1.17	0.94	0.37	0.68
11	2.47	1.88	2.08	1.96	1.27	1.62	1.24	0.72	1.00	1.12	0.61	0.85
12	2.12	1.66	1.89	1.94	1.24	1.59	1.60	1.07	1.33	1.09	0.64	0.88
13	2.23	1.66	1.94	1.82	1.26	1.58	1.80	1.34	1.58	1.05	0.68	0.89
14	2.16	1.50	1.82	1.81	1.31	1.55	1.51	0.93	1.24	1.13	0.88	0.99
15	1.90	1.42	1.69	2.01	1.36	1.69	1.60	1.22	1.43	1.24	0.86	1.03
16	2.00	1.38	1.70	2.03	1.49	1.75	1.78	0.89	1.43	1.67	0.86	1.17
17	1.90	1.30	1.60	2.08	1.67	1.88	0.90	0.24	0.50	2.05	1.42	1.68
18	1.73	1.18	1.49	2.49	1.81	2.18	0.86	0.50	0.64	2.05	1.12	1.48
19	1.92	1.32	1.63	1.81	0.87	1.24	0.86	0.20	0.52	1.35	0.73	1.00
20	1.98	1.37	1.70	1.54	0.90	1.16	1.13	0.36	0.64	1.24	0.60	0.93
21	1.92	1.30	1.63	1.58	1.18	1.37	1.29	0.70	0.94	1.32	0.55	0.92
22	1.40	0.99	1.26	1.70	1.02	1.32	1.44	0.85	1.13	1.23	0.50	0.85
23	1.57	1.02	1.36	1.85	1.34	1.62	1.64	0.95	1.26	1.14	0.59	0.85
24	1.75	1.35	1.53	1.89	0.90	1.39	1.17	0.49	0.83	1.21	0.73	0.96
25	1.87	1.42	1.65	1.58	0.98	1.30	1.48	0.84	1.13	1.52	1.09	1.37
26	2.02	1.20	1.57	1.99	1.29	1.65	1.53	0.81	1.17	1.64	1.34	1.48
27	1.69	1.08	1.42	2.23	1.70	1.95	1.44	0.94	1.18	1.34	0.38	0.78
28	1.86	1.17	1.52	2.01	0.75	1.52	1.58	1.14	1.35	0.76	0.32	0.47
29	1.91	1.22	1.59	1.19	0.69	0.93	1.91	1.34	1.66	1.07	0.44	0.66
30	2.20	1.45	1.84	1.31	0.75	1.02	1.48	1.10	1.25	1.34	0.86	1.06
31	2.02	1.41	1.71	---	---	---	1.56	1.22	1.36	1.77	0.97	1.23
MONTH	2.53	0.99	1.69	2.49	0.69	1.55	1.91	0.20	1.11	2.05	0.32	1.06

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.95	1.40	1.63	1.69	1.11	1.32	1.18	0.69	0.91	1.92	1.64	1.78
2	1.95	1.12	1.46	1.69	1.13	1.41	1.16	0.70	0.93	1.67	1.21	1.47
3	1.64	0.83	1.19	1.66	1.18	1.39	1.14	0.78	0.92	1.31	1.00	1.18
4	1.70	1.13	1.31	1.84	1.44	1.59	0.95	0.78	0.87	1.38	0.92	1.15
5	1.91	1.55	1.74	1.95	1.50	1.71	1.32	0.79	1.11	1.51	0.94	1.23
6	2.08	1.11	1.61	1.87	1.29	1.55	1.57	1.05	1.34	1.58	0.94	1.27
7	1.14	0.34	0.71	1.44	0.72	1.09	1.81	1.31	1.59	1.61	1.04	1.33
8	0.71	0.39	0.57	0.89	0.36	0.68	1.52	1.07	1.28	1.58	1.03	1.31
9	0.97	0.65	0.80	0.54	0.36	0.45	1.60	0.93	1.24	1.74	1.04	1.35
10	1.04	0.91	0.98	0.74	0.32	0.51	1.60	0.97	1.28	2.03	1.34	1.65
11	1.63	1.04	1.39	0.84	0.35	0.58	2.05	1.34	1.60	2.27	1.68	1.92
12	1.49	1.08	1.22	0.98	0.33	0.62	2.05	1.35	1.59	2.55	1.97	2.17
13	1.12	0.68	0.89	1.24	0.57	0.86	1.35	0.32	0.73	2.50	2.19	2.30
14	1.21	0.82	0.99	1.40	0.69	1.01	0.50	0.11	0.30	2.45	2.21	2.33
15	0.90	0.18	0.43	1.48	0.80	1.11	0.63	0.21	0.37	2.55	2.10	2.40
16	0.74	0.10	0.38	1.48	0.82	1.11	0.77	0.41	0.58	2.40	2.04	2.19
17	0.79	0.20	0.48	1.45	0.99	1.19	0.92	0.77	0.82	2.40	1.97	2.18
18	0.77	0.30	0.52	1.48	0.95	1.23	1.11	0.84	1.01	2.50	1.94	2.22
19	0.87	0.41	0.62	1.49	0.97	1.20	1.34	0.89	1.15	2.32	1.87	2.10
20	1.14	0.61	0.90	1.35	0.97	1.14	1.36	0.95	1.16	2.23	1.75	1.99
21	1.31	0.75	1.04	1.16	0.70	0.93	1.65	0.99	1.36	2.02	1.59	1.80
22	1.45	1.10	1.27	0.93	0.70	0.80	1.93	1.44	1.70	2.09	1.50	1.80
23	1.91	1.22	1.58	1.56	0.77	1.26	2.00	1.48	1.75	2.26	1.67	1.96
24	2.09	1.87	1.98	1.74	1.17	1.47	2.06	1.50	1.77	2.24	1.78	2.02
25	1.87	1.41	1.64	2.03	1.46	1.75	1.91	1.51	1.73	2.17	1.69	1.96
26	1.41	0.92	1.05	1.87	1.42	1.66	---	---	---	1.92	1.59	1.75
27	0.98	0.63	0.80	1.82	1.29	1.55	---	---	---	1.78	1.46	1.61
28	1.28	0.60	0.86	1.82	1.44	1.64	---	---	---	1.69	1.43	1.58
29	1.47	0.99	1.19	1.72	1.24	1.47	---	---	---	1.70	1.48	1.60
30	---	---	---	1.51	1.03	1.27	2.24	1.75	2.02	2.25	1.70	2.04
31	---	---	---	1.36	0.60	0.93	---	---	---	2.28	1.82	2.12
MONTH	2.09	0.10	1.08	2.03	0.32	1.18	---	---	---	2.55	0.92	1.80
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.21	1.74	1.98	1.99	1.43	1.72	1.95	1.44	1.69	1.33	1.15	1.23
2	2.25	1.67	1.95	1.96	1.39	1.69	1.74	1.34	1.55	1.38	1.15	1.27
3	2.01	1.58	1.79	1.94	1.39	1.66	1.59	1.26	1.43	1.55	1.36	1.45
4	1.82	1.38	1.60	1.85	1.37	1.63	1.43	1.18	1.30	1.83	1.37	1.60
5	1.72	1.26	1.43	1.80	1.37	1.60	1.28	0.94	1.08	1.79	1.24	1.55
6	1.85	1.28	1.57	1.66	1.38	1.53	1.09	0.84	0.98	1.57	0.91	1.33
7	1.93	1.44	1.68	1.51	1.24	1.39	1.15	0.84	1.02	1.18	0.65	0.97
8	1.90	1.51	1.72	1.55	1.33	1.42	1.73	1.10	1.49	1.13	0.64	0.89
9	1.83	1.56	1.70	1.69	1.38	1.51	1.83	1.30	1.59	1.45	0.70	1.17
10	1.77	1.63	1.71	1.75	1.31	1.55	1.74	1.22	1.52	1.40	0.99	1.21
11	1.72	1.41	1.59	1.72	1.28	1.53	1.69	1.19	1.48	1.67	0.98	1.37
12	1.77	1.41	1.57	1.56	1.10	1.37	1.74	1.28	1.51	2.02	1.33	1.70
13	1.91	1.42	1.72	1.53	1.03	1.27	1.37	0.99	1.21	2.04	1.66	1.85
14	2.22	1.70	1.97	1.46	0.99	1.22	1.34	0.84	1.08	2.63	1.89	2.26
15	2.13	1.72	1.89	1.48	0.97	1.23	1.39	0.85	1.12	2.84	2.11	2.63
16	2.22	1.65	1.97	1.46	0.97	1.21	1.41	0.94	1.18	2.11	1.46	1.79
17	2.15	1.71	1.91	1.30	0.93	1.07	1.40	0.96	1.18	2.06	1.70	1.83
18	2.01	1.55	1.76	1.13	0.89	1.01	1.46	1.08	1.27	2.10	1.47	1.78
19	1.81	1.37	1.60	1.33	0.82	1.06	1.51	1.26	1.39	2.14	1.59	1.84
20	1.74	1.30	1.51	1.37	0.92	1.14	1.51	1.23	1.38	2.27	1.74	2.02
21	1.84	1.26	1.55	1.39	1.05	1.24	1.46	1.07	1.27	2.51	1.92	2.24
22	1.76	1.39	1.58	1.28	1.02	1.14	1.45	0.97	1.23	2.69	2.05	2.42
23	1.87	1.52	1.71	1.10	0.98	1.02	1.50	1.00	1.26	3.12	2.24	2.78
24	1.87	1.49	1.66	---	---	---	1.57	1.02	1.32	2.70	2.02	2.44
25	1.82	1.58	1.70	---	---	---	1.59	1.04	1.34	2.27	1.74	2.03
26	1.71	1.36	1.56	---	---	---	1.58	1.03	1.31	1.99	1.61	1.79
27	1.74	1.36	1.55	---	---	---	1.66	1.05	1.38	1.76	1.40	1.55
28	1.80	1.36	1.59	---	---	---	1.71	1.14	1.42	1.42	1.10	1.20
29	1.88	1.36	1.62	1.58	0.97	1.31	1.64	1.13	1.38	1.42	0.98	1.14
30	1.97	1.39	1.69	1.71	1.07	1.40	1.58	1.12	1.33	1.45	1.02	1.25
31	---	---	---	1.89	1.23	1.58	1.44	1.10	1.26	---	---	---
MONTH	2.25	1.26	1.69	---	---	---	1.95	0.84	1.32	3.12	0.64	1.69

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.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: May 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Dec. 9-21, Mar. 16-Apr. 7, Apr. 11-16, May 29-June 5, and Aug. 6-24 when records good; Dec. 22-31, Apr. 17-21, and June 6-11 when records fair; Jan. 1-28, Apr. 22-May 5, and June 12-28 when records poor.

SALINITY: Records excellent except for Dec. 9-21, Mar. 16-Apr. 7, Apr. 11-16, May 29-June 5, and Aug. 6-24 when records good; Dec. 22-31, Apr. 17-21, and June 6-11 when records fair; Jan. 1-28, Apr. 22-May 5, and June 12-28 when records poor.

TEMPERATURE: Records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 44,200 microsiemens/cm, May 26, 2000; minimum recorded, 693 microsiemens/cm, July 18, 1997.

SALINITY: Maximum recorded, 11.5 ppt, May 21, 2003; minimum recorded, 0.4 ppt, Aug. 9, 2004.

WATER TEMPERATURE: Maximum recorded, 37.8°C, June 26, 1996, Aug. 28, 1998; minimum recorded, -0.3°C, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 17,200 microsiemens/cm, Sept. 24; minimum, 901 microsiemens/cm, Aug. 9.

SALINITY: Maximum, 10.1 ppt, Sept. 24; minimum, 0.4 ppt, Aug. 9.

WATER TEMPERATURE: Maximum, 35.6°C, Aug. 5; minimum, 9.3°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9,060	8,750	8,840	7,700	7,200	7,500	8,790	8,140	8,520	3,890	3,540	3,770
2	8,850	8,510	8,670	8,150	7,620	7,910	8,750	6,810	7,990	4,200	3,790	4,010
3	8,830	8,460	8,690	8,140	7,830	7,980	6,810	6,200	6,460	4,250	4,020	4,160
4	9,130	8,680	8,880	7,930	7,790	7,840	7,000	5,220	6,220	4,730	4,130	4,360
5	9,250	8,900	9,070	7,790	7,560	7,660	7,850	5,200	6,390	4,790	3,890	4,430
6	9,080	8,270	8,850	7,640	7,540	7,580	7,720	5,030	6,580	4,330	3,650	4,070
7	9,300	8,180	8,830	7,570	7,410	7,470	6,670	4,360	5,800	4,430	3,680	4,270
8	9,030	8,620	8,920	7,440	7,310	7,390	6,140	4,360	5,420	4,200	3,770	3,960
9	9,730	8,810	9,170	7,380	7,150	7,250	6,000	5,100	5,560	3,970	3,820	3,900
10	11,700	9,730	10,500	7,330	7,140	7,240	6,510	5,220	6,000	3,870	3,660	3,770
11	11,400	9,060	10,200	7,620	7,330	7,490	6,490	5,120	5,590	3,740	3,510	3,590
12	9,230	8,900	9,100	7,870	7,560	7,730	5,340	4,660	5,030	3,510	3,380	3,430
13	9,040	8,790	8,910	7,900	7,630	7,770	5,250	4,620	4,950	3,470	3,280	3,370
14	8,820	8,540	8,750	7,920	7,560	7,760	5,560	4,150	5,050	3,280	3,080	3,200
15	8,540	8,220	8,360	8,200	7,770	8,030	5,430	4,820	5,090	3,100	2,990	3,040
16	8,430	8,230	8,320	8,380	8,140	8,260	5,180	4,610	4,890	2,990	2,850	2,890
17	8,470	8,280	8,360	8,550	8,330	8,450	5,540	4,810	5,230	3,210	2,840	2,950
18	8,350	7,890	8,080	9,350	8,550	9,010	5,120	4,740	4,900	3,200	2,910	3,060
19	8,000	7,540	7,730	9,200	8,930	9,030	5,860	4,730	5,210	2,980	2,840	2,900
20	7,550	7,220	7,370	9,060	8,850	8,950	5,450	4,510	4,900	3,020	2,820	2,910
21	7,410	6,560	6,950	9,180	9,000	9,080	4,950	4,320	4,640	3,100	2,940	3,010
22	7,370	6,920	7,130	9,270	9,130	9,200	5,080	4,150	4,670	3,090	2,960	3,010
23	7,330	7,090	7,250	9,360	9,200	9,280	5,180	3,350	4,340	2,980	2,890	2,930
24	7,280	6,720	6,940	9,370	8,770	9,130	5,030	3,330	4,480	2,900	2,840	2,870
25	7,990	7,280	7,640	8,930	8,640	8,790	4,120	3,430	3,770	3,040	2,870	2,960
26	8,660	7,990	8,380	8,900	8,760	8,840	4,150	3,420	3,860	3,100	3,020	3,070
27	8,210	6,540	7,430	9,080	8,880	8,990	4,020	3,730	3,880	3,140	3,030	3,070
28	6,540	6,160	6,380	9,010	8,620	8,780	4,170	3,760	3,900	3,040	2,950	2,980
29	6,730	6,240	6,500	8,720	8,310	8,560	4,420	4,130	4,310	---	---	---
30	7,220	6,600	6,850	8,540	8,100	8,340	4,310	3,460	3,890	---	---	---
31	7,380	6,670	7,160	---	---	---	3,700	3,380	3,490	---	---	---
MONTH	11,700	6,160	8,200	9,370	7,140	8,240	8,790	3,330	5,190	---	---	---

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	4,000	3,870	3,940	4,860	4,780	4,820	8,340	7,190	7,730
2	---	---	---	4,050	3,910	3,990	4,940	4,830	4,870	7,550	6,960	7,170
3	---	---	---	4,090	3,990	4,040	4,940	4,860	4,890	7,040	6,920	6,970
4	---	---	---	4,180	4,030	4,090	4,910	4,880	4,890	7,140	6,960	7,040
5	---	---	---	4,380	4,170	4,290	4,880	4,750	4,810	7,160	7,060	7,100
6	---	---	---	4,590	4,380	4,510	4,750	4,510	4,580	---	---	---
7	---	---	---	4,610	4,540	4,580	4,860	4,600	4,730	---	---	---
8	---	---	---	4,620	4,280	4,550	5,040	4,860	4,940	---	---	---
9	---	---	---	4,610	4,540	4,560	5,190	5,040	5,120	---	---	---
10	---	---	---	4,560	4,420	4,470	5,300	5,190	5,240	---	---	---
11	---	---	---	4,520	4,440	4,480	5,310	5,270	5,290	---	---	---
12	---	---	---	4,560	4,490	4,520	5,380	5,280	5,330	---	---	---
13	---	---	---	4,560	4,530	4,550	5,500	5,230	5,400	---	---	---
14	---	---	---	4,560	4,550	4,550	5,670	5,430	5,530	---	---	---
15	---	---	---	4,570	4,540	4,560	5,820	5,600	5,690	---	---	---
16	---	---	---	4,640	4,570	4,600	5,990	5,760	5,860	---	---	---
17	---	---	---	4,630	4,570	4,610	6,060	5,890	5,970	---	---	---
18	---	---	---	4,670	4,590	4,620	6,060	5,970	6,010	---	---	---
19	2,410	2,150	2,280	4,700	4,610	4,650	6,140	6,030	6,070	---	---	---
20	2,640	2,350	2,500	4,660	4,530	4,590	6,220	6,140	6,190	---	---	---
21	2,830	2,530	2,650	4,690	4,480	4,570	6,230	6,170	6,200	---	---	---
22	2,730	2,510	2,630	4,660	4,590	4,620	6,350	6,200	6,260	---	---	---
23	3,150	2,720	2,890	4,640	4,580	4,610	6,500	6,350	6,440	---	---	---
24	3,320	3,150	3,210	4,710	4,640	4,690	6,660	6,500	6,580	---	---	---
25	3,560	3,320	3,460	4,740	4,690	4,720	6,850	6,610	6,750	---	---	---
26	3,670	3,560	3,640	4,890	4,740	4,830	---	---	---	7,510	7,390	7,430
27	3,780	3,650	3,720	4,840	4,800	4,820	---	---	---	7,410	7,230	7,280
28	3,840	3,700	3,760	4,820	4,790	4,800	---	---	---	7,230	7,140	7,190
29	3,930	3,790	3,860	4,880	4,780	4,840	---	---	---	7,170	7,030	7,080
30	---	---	---	4,940	4,830	4,900	8,400	7,730	7,980	7,030	6,950	6,980
31	---	---	---	4,930	4,820	4,890	---	---	---	6,990	6,820	6,940
MONTH	---	---	---	4,940	3,870	4,550	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7,040	6,940	6,990	---	---	---	2,380	1,240	1,770	3,850	3,340	3,690
2	6,960	6,780	6,890	---	---	---	2,920	1,450	2,030	3,740	2,990	3,490
3	6,900	6,740	6,830	---	---	---	2,410	1,420	1,810	3,710	2,660	3,140
4	6,780	6,180	6,580	---	---	---	1,960	1,230	1,580	3,200	2,260	2,820
5	6,290	6,160	6,230	---	---	---	2,640	1,560	2,260	3,040	2,420	2,760
6	6,280	6,180	6,240	---	---	---	2,600	1,850	2,170	3,040	2,510	2,660
7	6,240	6,070	6,170	---	---	---	2,190	1,630	1,880	3,060	2,520	2,820
8	6,130	6,040	6,080	---	---	---	2,360	1,180	1,630	3,060	2,570	2,800
9	6,040	5,920	5,970	---	---	---	2,420	901	1,540	2,940	2,140	2,570
10	5,920	5,790	5,840	---	---	---	2,510	1,330	1,670	3,020	1,950	2,590
11	5,790	5,640	5,720	---	---	---	2,200	1,340	1,710	2,950	1,790	2,270
12	5,640	5,470	5,550	---	---	---	2,040	1,210	1,500	3,010	2,010	2,480
13	5,470	5,320	5,380	---	---	---	1,710	1,390	1,560	3,510	2,600	2,910
14	5,330	5,170	5,240	4,320	2,660	3,870	1,680	1,500	1,600	6,820	2,340	3,570
15	5,170	5,070	5,130	3,140	2,650	2,930	1,590	1,350	1,500	12,700	3,410	8,820
16	5,070	4,950	5,000	3,180	2,770	2,860	1,670	1,190	1,480	6,190	2,930	4,170
17	4,950	4,860	4,910	3,070	2,460	2,580	1,880	1,230	1,560	5,810	4,430	5,020
18	4,860	4,720	4,790	2,470	2,340	2,380	1,970	1,250	1,600	6,520	4,560	5,540
19	4,720	4,600	4,650	2,470	2,410	2,430	2,250	1,700	1,870	8,890	5,620	7,110
20	4,600	4,500	4,550	2,430	2,140	2,210	2,540	1,670	2,150	9,540	7,030	8,090
21	4,500	4,350	4,420	2,150	1,970	2,020	2,610	1,440	2,080	12,000	7,780	9,900
22	4,350	4,310	4,330	2,080	2,000	2,050	2,400	1,840	2,140	13,200	9,360	10,900
23	4,310	4,220	4,260	2,110	2,060	2,080	2,590	1,970	2,280	14,200	10,100	12,800
24	4,220	4,100	4,160	---	---	---	3,110	2,360	2,650	17,200	12,200	14,300
25	4,100	4,010	4,060	---	---	---	3,540	2,660	3,040	15,100	11,600	13,200
26	4,010	3,920	3,970	---	---	---	3,540	2,840	3,300	14,900	11,000	12,900
27	3,920	3,840	3,890	---	---	---	3,750	3,300	3,520	13,700	10,600	12,200
28	3,840	3,740	3,790	---	---	---	4,110	3,500	3,760	12,200	9,380	10,500
29	---	---	---	2,240	1,250	1,770	4,390	3,760	3,900	13,300	9,040	10,900
30	---	---	---	2,190	1,300	1,750	4,080	3,780	3,880	13,300	9,890	11,600
31	---	---	---	2,230	1,170	1,670	3,980	3,660	3,820	---	---	---
MONTH	---	---	---	---	---	---	4,390	901	2,230	17,200	1,790	6,620

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.1	4.9	4.9	4.2	4.0	4.1	4.9	4.5	4.7	2.1	1.9	2.0
2	4.9	4.7	4.8	4.5	4.2	4.4	4.9	3.7	4.4	2.2	2.0	2.1
3	4.9	4.7	4.8	4.5	4.3	4.4	3.7	3.4	3.5	2.3	2.1	2.2
4	5.1	4.8	5.0	4.4	4.3	4.3	3.8	2.8	3.4	2.5	2.2	2.3
5	5.2	5.0	5.1	4.3	4.2	4.2	4.3	2.8	3.5	2.6	2.1	2.4
6	5.1	4.6	4.9	4.2	4.2	4.2	4.3	2.7	3.6	2.3	1.9	2.2
7	5.2	4.5	4.9	4.2	4.1	4.1	3.6	2.3	3.1	2.4	1.9	2.3
8	5.0	4.8	5.0	4.1	4.0	4.1	3.3	2.3	2.9	2.2	2.0	2.1
9	5.5	4.9	5.1	4.1	3.9	4.0	3.3	2.7	3.0	2.1	2.0	2.1
10	6.6	5.5	5.9	4.0	3.9	4.0	3.5	2.8	3.3	2.0	1.9	2.0
11	6.5	5.1	5.7	4.2	4.0	4.1	3.5	2.7	3.0	2.0	1.8	1.9
12	5.2	5.0	5.1	4.3	4.2	4.3	2.9	2.5	2.7	1.8	1.8	1.8
13	5.0	4.9	5.0	4.4	4.2	4.3	2.8	2.5	2.6	1.8	1.7	1.8
14	4.9	4.7	4.9	4.4	4.2	4.3	3.0	2.2	2.7	1.7	1.6	1.7
15	4.7	4.6	4.6	4.5	4.3	4.4	2.9	2.6	2.7	1.6	1.6	1.6
16	4.7	4.6	4.6	4.6	4.5	4.6	2.8	2.5	2.6	1.6	1.5	1.5
17	4.7	4.6	4.6	4.8	4.6	4.7	3.0	2.6	2.8	1.7	1.5	1.5
18	4.6	4.4	4.5	5.2	4.8	5.0	2.7	2.5	2.6	1.7	1.5	1.6
19	4.4	4.2	4.3	5.1	5.0	5.0	3.2	2.5	2.8	1.5	1.5	1.5
20	4.2	4.0	4.1	5.1	4.9	5.0	2.9	2.4	2.6	1.6	1.5	1.5
21	4.1	3.6	3.8	5.1	5.0	5.1	2.6	2.3	2.5	1.6	1.5	1.6
22	4.1	3.8	3.9	5.2	5.1	5.1	2.7	2.2	2.5	1.6	1.5	1.6
23	4.0	3.9	4.0	5.2	5.1	5.2	2.8	1.7	2.3	1.5	1.5	1.5
24	4.0	3.7	3.8	5.2	4.9	5.1	2.7	1.7	2.4	1.5	1.5	1.5
25	4.4	4.0	4.2	5.0	4.8	4.9	2.2	1.8	2.0	1.6	1.5	1.5
26	4.8	4.4	4.6	5.0	4.9	4.9	2.2	1.8	2.0	1.6	1.6	1.6
27	4.5	3.6	4.1	5.1	4.9	5.0	2.1	2.0	2.0	1.6	1.6	1.6
28	3.6	3.3	3.5	5.0	4.8	4.9	2.2	2.0	2.1	1.6	1.5	1.5
29	3.7	3.4	3.5	4.9	4.6	4.8	2.4	2.2	2.3	---	---	---
30	4.0	3.6	3.7	4.7	4.5	4.6	2.3	1.8	2.1	---	---	---
31	4.1	3.6	3.9	---	---	---	1.9	1.8	1.8	---	---	---
MONTH	6.6	3.3	4.5	5.2	3.9	4.6	4.9	1.7	2.8	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	2.1	2.0	2.1	2.6	2.6	2.6	4.6	3.9	4.3
2	---	---	---	2.1	2.1	2.1	2.6	2.6	2.6	4.2	3.8	3.9
3	---	---	---	2.2	2.1	2.1	2.6	2.6	2.6	3.9	3.8	3.8
4	---	---	---	2.2	2.1	2.2	2.6	2.6	2.6	3.9	3.8	3.9
5	---	---	---	2.3	2.2	2.3	2.6	2.5	2.6	3.9	3.9	3.9
6	---	---	---	2.4	2.3	2.4	2.5	2.4	2.4	---	---	---
7	---	---	---	2.5	2.4	2.4	2.6	2.5	2.5	---	---	---
8	---	---	---	2.5	2.3	2.4	2.7	2.6	2.6	---	---	---
9	---	---	---	2.5	2.4	2.4	2.8	2.7	2.7	---	---	---
10	---	---	---	2.4	2.4	2.4	2.8	2.8	2.8	---	---	---
11	---	---	---	2.4	2.4	2.4	2.9	2.8	2.8	---	---	---
12	---	---	---	2.4	2.4	2.4	2.9	2.8	2.9	---	---	---
13	---	---	---	2.4	2.4	2.4	3.0	2.8	2.9	---	---	---
14	---	---	---	2.4	2.4	2.4	3.1	2.9	3.0	---	---	---
15	---	---	---	2.4	2.4	2.4	3.1	3.0	3.1	---	---	---
16	---	---	---	2.5	2.4	2.5	3.2	3.1	3.2	---	---	---
17	---	---	---	2.5	2.4	2.5	3.3	3.2	3.2	---	---	---
18	---	---	---	2.5	2.4	2.5	3.3	3.2	3.3	---	---	---
19	1.2	1.1	1.2	2.5	2.5	2.5	3.3	3.3	3.3	---	---	---
20	1.4	1.2	1.3	2.5	2.4	2.4	3.4	3.3	3.4	---	---	---
21	1.5	1.3	1.4	2.5	2.4	2.4	3.4	3.3	3.4	---	---	---
22	1.4	1.3	1.4	2.5	2.4	2.5	3.5	3.4	3.4	---	---	---
23	1.6	1.4	1.5	2.5	2.4	2.5	3.5	3.5	3.5	---	---	---
24	1.7	1.6	1.7	2.5	2.5	2.5	3.6	3.5	3.6	---	---	---
25	1.9	1.7	1.8	2.5	2.5	2.5	3.7	3.6	3.7	---	---	---
26	1.9	1.9	1.9	2.6	2.5	2.6	---	---	---	4.1	4.1	4.1
27	2.0	1.9	2.0	2.6	2.6	2.6	---	---	---	4.1	4.0	4.0
28	2.0	1.9	2.0	2.6	2.6	2.6	---	---	---	4.0	3.9	3.9
29	2.1	2.0	2.0	2.6	2.6	2.6	---	---	---	3.9	3.9	3.9
30	---	---	---	2.6	2.6	2.6	4.7	4.3	4.4	3.9	3.8	3.8
31	---	---	---	2.6	2.6	2.6	---	---	---	3.8	3.7	3.8
MONTH	---	---	---	2.6	2.0	2.4	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3.9	3.8	3.8	---	---	---	1.2	0.6	0.9	2.0	1.7	1.9
2	3.8	3.7	3.8	---	---	---	1.5	0.7	1.0	2.0	1.6	1.8
3	3.8	3.7	3.7	---	---	---	1.2	0.7	0.9	2.0	1.4	1.6
4	3.7	3.4	3.6	---	---	---	1.0	0.6	0.8	1.7	1.2	1.5
5	3.4	3.3	3.4	---	---	---	1.4	0.8	1.2	1.6	1.2	1.4
6	3.4	3.4	3.4	---	---	---	1.3	0.9	1.1	1.6	1.3	1.4
7	3.4	3.3	3.3	---	---	---	1.1	0.8	1.0	1.6	1.3	1.5
8	3.3	3.3	3.3	---	---	---	1.2	0.6	0.8	1.6	1.3	1.4
9	3.3	3.2	3.2	---	---	---	1.2	0.4	0.8	1.5	1.1	1.3
10	3.2	3.1	3.2	---	---	---	1.3	0.7	0.8	1.6	1.0	1.3
11	3.1	3.0	3.1	---	---	---	1.1	0.7	0.9	1.5	0.9	1.2
12	3.0	2.9	3.0	---	---	---	1.0	0.6	0.7	1.6	1.0	1.3
13	2.9	2.9	2.9	---	---	---	0.9	0.7	0.8	1.8	1.3	1.5
14	2.9	2.8	2.8	2.3	1.4	2.0	0.8	0.8	0.8	3.7	1.2	1.9
15	2.8	2.7	2.8	1.6	1.4	1.5	0.8	0.7	0.7	7.3	1.8	4.9
16	2.7	2.6	2.7	1.7	1.4	1.5	0.8	0.6	0.7	3.4	1.5	2.2
17	2.6	2.6	2.6	---	1.3	1.3	1.0	0.6	0.8	3.1	2.4	2.7
18	2.6	2.5	2.6	1.3	1.2	1.2	1.0	0.6	0.8	3.6	2.4	3.0
19	2.5	2.5	2.5	1.3	1.2	1.2	1.1	0.9	0.9	5.0	3.0	3.9
20	2.5	2.4	2.4	1.2	1.1	1.1	1.3	0.8	1.1	5.3	3.9	4.5
21	2.4	2.3	2.4	1.1	1.0	1.0	1.3	0.7	1.1	6.8	4.3	5.6
22	2.3	2.3	2.3	1.1	1.0	1.0	1.2	0.9	1.1	7.6	5.2	6.2
23	2.3	2.2	2.3	---	1.0	1.1	1.3	1.0	1.2	8.2	5.7	7.3
24	2.2	2.2	2.2	---	---	---	1.6	1.2	1.4	10.1	7.0	8.3
25	2.2	2.1	2.1	---	---	---	1.9	1.4	1.6	8.8	6.6	7.6
26	2.1	2.1	2.1	---	---	---	1.9	1.5	1.7	8.7	6.2	7.4
27	2.1	2.0	2.1	---	---	---	2.0	1.7	1.8	7.9	6.0	7.0
28	2.0	2.0	2.0	---	---	---	2.2	1.8	2.0	7.0	5.2	5.9
29	---	---	---	1.1	0.6	0.9	2.3	2.0	2.1	7.6	5.0	6.2
30	---	---	---	1.1	0.6	0.9	2.2	2.0	2.0	7.6	5.6	6.6
31	---	---	---	1.1	0.6	0.8	2.1	1.9	2.0	---	---	---
MONTH	---	---	---	---	---	---	2.3	0.4	1.1	10.1	0.9	3.7

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	20.9	21.7	24.8	23.1	23.9	16.9	14.8	15.7	17.2	14.7	15.6
2	22.6	20.3	21.3	25.1	23.3	24.1	16.7	15.0	15.8	18.7	16.9	17.6
3	22.2	19.5	20.7	25.3	23.1	24.2	16.8	15.0	15.7	20.0	18.6	19.3
4	24.3	21.6	22.7	24.8	23.9	24.4	18.1	16.4	17.2	21.4	19.9	20.5
5	25.9	23.7	24.5	25.3	24.0	24.6	17.9	14.7	16.1	21.3	18.3	20.5
6	26.7	24.6	25.5	25.5	24.1	25.0	14.7	10.2	11.6	18.3	12.1	14.2
7	27.3	25.1	26.1	25.2	23.9	24.4	12.1	9.7	11.0	12.1	9.6	10.8
8	27.1	26.4	26.6	24.2	22.5	23.4	13.6	10.6	12.1	10.5	9.8	10.1
9	26.8	25.7	26.3	23.2	21.0	22.3	16.2	13.4	14.6	12.7	10.5	11.5
10	26.6	25.3	25.8	22.9	21.7	22.3	16.2	13.8	14.7	12.0	10.0	11.0
11	25.4	24.9	25.2	24.3	21.8	22.9	14.1	11.9	13.0	11.9	9.3	10.6
12	25.4	24.0	24.8	25.4	23.4	24.3	14.2	12.1	13.1	14.0	10.6	12.1
13	26.8	24.7	25.6	25.3	20.1	23.1	14.3	13.6	13.9	15.8	13.0	14.2
14	27.0	25.6	26.2	20.1	17.2	18.2	13.9	12.2	13.2	16.8	14.8	15.7
15	26.2	22.2	23.3	19.8	17.3	18.4	14.2	12.0	13.0	16.7	16.0	16.2
16	23.5	21.4	22.4	21.7	19.4	20.3	15.9	13.7	14.6	16.8	15.7	16.3
17	24.9	22.6	23.6	23.1	21.0	21.9	13.7	10.3	11.6	16.8	16.2	16.5
18	24.8	22.2	23.0	22.9	21.6	22.6	12.4	9.8	11.4	18.1	16.5	17.2
19	22.9	21.0	21.9	21.6	17.8	19.1	12.7	10.6	11.7	17.1	14.2	15.2
20	23.7	21.8	22.6	18.4	16.6	17.6	12.1	10.3	11.4	14.2	11.0	12.4
21	24.6	22.4	23.4	19.2	17.5	18.3	13.7	11.2	12.4	13.8	11.3	12.5
22	24.7	22.7	23.6	20.9	18.8	19.8	16.0	13.4	14.5	14.4	11.9	13.2
23	25.5	23.0	23.9	22.0	20.2	21.1	16.4	15.0	15.8	15.5	12.9	14.1
24	26.6	24.1	25.3	22.0	14.8	17.9	15.0	12.2	13.8	16.1	14.4	15.2
25	26.0	24.9	25.2	14.9	12.6	14.0	14.1	11.9	12.7	17.6	15.9	16.6
26	25.0	24.3	24.7	15.9	14.2	14.9	13.9	11.6	12.7	17.4	17.0	17.3
27	24.3	19.9	21.5	18.5	15.9	17.1	15.2	12.7	13.9	17.0	13.2	14.6
28	20.8	17.5	19.4	18.5	14.2	16.5	16.5	14.5	15.3	13.2	10.1	11.1
29	21.7	19.1	20.3	14.3	13.0	13.5	16.9	15.8	16.6	12.2	9.9	10.8
30	23.2	20.6	21.7	15.2	12.8	13.9	15.8	13.5	14.3	13.0	12.2	12.5
31	24.6	22.2	23.2	---	---	---	14.9	12.6	13.8	13.0	11.6	12.2
MONTH	27.3	17.5	23.6	25.5	12.6	20.5	18.1	9.7	13.8	21.4	9.3	14.4
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	11.2	11.7	18.4	16.7	17.4	21.6	20.2	20.7	23.3	21.8	22.3
2	13.3	12.2	12.7	20.0	18.4	18.9	21.2	20.1	20.5	23.3	22.6	23.0
3	13.6	11.7	12.9	20.9	19.9	20.2	22.3	21.2	21.5	22.6	21.4	21.9
4	13.4	12.0	12.6	21.5	20.7	21.0	22.5	21.9	22.2	22.4	21.1	21.7
5	16.8	13.1	14.7	21.4	21.0	21.2	22.5	21.8	22.1	23.5	22.1	22.5
6	17.1	15.7	16.7	22.6	21.2	21.7	21.9	21.2	21.5	24.7	23.2	23.6
7	15.7	12.7	13.9	22.6	21.7	22.1	22.0	21.1	21.5	25.2	24.2	24.5
8	13.3	11.6	12.2	22.0	20.6	21.1	22.7	21.8	22.1	26.0	24.7	25.1
9	13.5	10.8	11.9	20.6	19.5	19.8	23.6	22.5	22.8	26.4	25.6	25.9
10	13.9	13.3	13.6	19.8	17.8	18.4	24.3	23.3	23.7	26.4	25.6	25.9
11	14.4	13.8	14.0	17.9	17.0	17.4	24.3	23.3	23.8	26.0	25.4	25.7
12	15.2	13.8	14.8	18.9	17.5	17.9	23.4	22.0	22.8	25.7	25.2	25.5
13	13.8	11.8	12.4	19.4	18.6	18.9	22.0	19.8	20.5	25.9	25.1	25.4
14	12.1	11.6	11.8	19.5	19.3	19.4	19.9	18.6	19.3	26.1	25.7	25.9
15	11.6	9.8	10.9	19.5	19.1	19.3	20.3	19.0	19.6	26.1	25.2	25.7
16	12.9	10.4	11.7	20.9	19.5	19.9	21.7	20.0	20.6	25.4	24.7	25.0
17	14.3	12.0	13.1	21.0	20.2	20.7	22.8	21.4	21.8	25.9	25.3	25.4
18	15.6	11.4	13.8	21.9	20.5	21.1	23.1	22.4	22.7	26.2	25.7	25.9
19	16.6	13.6	15.0	23.3	21.6	22.2	23.5	22.6	22.9	26.8	25.9	26.2
20	18.7	15.2	16.7	23.9	22.7	23.2	23.5	22.9	23.2	27.2	26.4	26.7
21	19.2	17.1	18.2	23.9	23.0	23.4	23.4	22.7	23.0	27.8	26.7	27.1
22	18.4	16.9	17.6	23.0	20.3	21.3	23.9	22.9	23.3	28.0	27.2	27.6
23	17.9	17.3	17.6	20.3	19.0	19.4	24.4	23.7	23.9	28.0	27.1	27.4
24	17.3	16.9	17.1	19.4	18.7	19.0	24.8	24.1	24.4	27.8	26.8	27.3
25	17.5	16.3	16.8	20.1	19.4	19.6	24.9	24.6	24.8	28.1	27.1	27.5
26	17.4	14.9	15.9	20.9	20.0	20.3	---	---	---	28.0	27.1	27.5
27	14.9	13.4	14.1	21.6	20.7	21.0	---	---	---	27.9	26.6	27.2
28	15.2	13.7	14.4	22.3	21.5	21.7	---	---	---	28.0	26.6	27.2
29	16.7	15.0	15.6	22.6	22.1	22.3	---	---	---	28.4	27.4	27.8
30	---	---	---	22.6	21.9	22.3	23.4	22.3	22.9	28.3	27.6	27.9
31	---	---	---	22.4	21.6	21.9	---	---	---	28.5	27.5	27.9
MONTH	19.2	9.8	14.3	23.9	16.7	20.5	---	---	---	28.5	21.1	25.7

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.6	27.8	28.2	29.6	28.9	29.2	34.2	30.7	32.2	33.6	28.6	31.0
2	28.6	27.5	27.9	29.6	29.1	29.3	33.9	30.7	32.0	34.0	29.0	31.1
3	27.9	27.1	27.5	30.1	28.9	29.4	35.0	29.8	32.3	32.5	28.8	30.0
4	28.2	27.4	27.8	30.7	29.5	30.0	34.4	30.0	32.1	32.2	28.0	29.9
5	28.6	27.4	27.8	31.0	30.0	30.4	35.6	30.5	32.8	33.6	28.6	30.8
6	28.9	27.8	28.3	31.0	30.2	30.6	32.6	29.1	30.8	32.2	28.2	30.0
7	28.9	27.9	28.3	30.8	29.8	30.1	33.2	26.0	29.1	32.8	27.4	29.6
8	28.9	27.9	28.4	29.8	28.5	29.0	30.3	27.7	28.3	33.3	26.7	29.7
9	29.3	28.1	28.6	28.5	27.3	27.8	32.0	27.3	29.1	31.6	27.5	29.6
10	29.3	28.4	28.9	28.7	28.0	28.2	33.6	27.4	30.0	31.4	27.5	29.1
11	30.0	28.8	29.2	30.0	28.2	28.8	32.7	29.1	30.6	31.3	27.7	29.2
12	30.4	29.4	29.8	30.7	29.5	30.0	30.7	26.3	29.1	28.8	27.1	28.0
13	30.4	29.4	29.7	30.6	29.2	30.0	27.4	22.3	24.7	29.2	26.2	27.7
14	29.4	28.1	28.5	30.5	29.4	29.9	27.8	20.9	24.0	30.1	27.2	28.4
15	28.8	27.6	28.0	31.2	29.6	30.3	29.2	21.9	25.1	28.2	24.8	26.5
16	29.2	28.2	28.6	31.1	30.1	30.5	30.5	23.9	26.8	27.9	23.6	25.8
17	30.3	28.7	29.3	30.7	29.5	30.0	31.9	26.2	28.7	32.3	27.1	29.2
18	30.8	29.7	30.2	30.3	28.6	29.3	32.2	27.3	29.7	32.6	28.5	30.4
19	30.7	29.7	30.1	30.0	28.2	28.9	32.4	28.5	30.3	30.7	27.3	28.9
20	30.2	29.0	29.5	30.7	29.1	29.8	33.6	29.0	31.1	28.5	25.7	27.0
21	30.2	29.4	29.6	30.8	29.7	30.2	33.8	30.3	31.6	26.3	24.6	25.4
22	29.8	28.7	29.2	31.1	29.6	30.3	34.4	29.1	31.5	25.1	24.0	24.7
23	29.8	29.1	29.4	31.9	29.9	30.6	34.4	29.1	31.6	27.0	24.0	25.4
24	29.8	29.0	29.3	---	---	---	34.4	29.2	31.4	28.1	25.4	26.6
25	29.0	27.8	28.2	---	---	---	33.4	29.6	31.2	28.6	25.7	27.1
26	28.0	27.3	27.6	---	---	---	34.3	29.3	31.3	28.2	24.6	26.6
27	29.4	27.6	28.1	---	---	---	33.2	29.8	31.4	28.6	24.7	26.5
28	29.4	29.0	29.2	---	---	---	32.0	29.4	30.7	28.9	24.1	26.4
29	29.3	28.6	28.9	33.5	29.2	30.9	32.1	28.2	30.0	29.1	24.0	26.3
30	29.4	28.6	29.0	34.0	29.9	31.7	31.0	27.2	28.7	30.7	25.9	27.9
31	---	---	---	34.2	30.5	32.1	33.9	26.9	29.9	---	---	---
MONTH	30.8	27.1	28.8	---	---	---	35.6	20.9	29.9	34.0	23.6	28.2

07380401 BAYOU LAFOURCHE SW OF DONALDSONVILLE, LA

LOCATION.--Lat 30° 05'47", long 91° 00'21", in sec. 35, T. 11 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge located 1.0 mi south of Marchand Drive (Hwy. 3089) and connecting Hwy. 1 and Hwy. 308.

PERIOD OF RECORD.--December 1996 to September 2000 (elevations only); October 2000 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Pumping plant at Mississippi River pumps total flow of Bayou Lafourche from river except for small amounts of storm drainage during heavy runoff. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 535 ft³/s, Mar. 2, 2001; maximum gage height, 11.85 ft, June 11, 2001; maximum negative discharge, -240 ft³/s, June 11, 2001; minimum gage height, 3.79 ft, Mar. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 243 ft³/s, Apr. 24; maximum gage height, 9.50 ft, May 12; minimum discharge, 108 ft³/s, Oct. 26, minimum gage height, 5.91 ft, Oct. 26.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	208	199	206	210	202	202	211	207	203	195	---	163
2	200	199	206	209	201	195	206	204	206	187	---	163
3	197	197	206	209	210	201	220	214	211	185	---	168
4	197	198	206	209	213	206	234	213	212	186	---	168
5	197	199	209	211	206	205	234	212	215	187	---	166
6	197	199	208	210	209	198	235	211	206	191	---	166
7	197	199	207	209	212	207	237	211	207	191	---	166
8	197	200	207	212	209	208	235	211	208	201	---	166
9	197	201	208	214	208	208	235	208	210	198	---	167
10	212	201	209	210	214	208	234	210	212	200	---	167
11	207	201	209	209	205	208	238	211	214	200	---	167
12	199	202	207	209	206	209	238	215	215	191	---	167
13	197	201	208	209	213	207	236	213	212	197	---	167
14	196	202	206	209	211	204	236	---	203	196	---	167
15	195	202	206	209	211	208	236	---	209	195	---	167
16	195	204	204	209	214	211	236	---	210	204	---	169
17	195	203	204	212	216	214	235	---	211	201	165	167
18	195	207	203	209	206	217	235	---	216	214	165	172
19	194	205	203	202	193	206	234	---	217	206	165	195
20	194	204	203	203	205	207	234	206	216	206	165	194
21	194	204	203	206	193	207	233	202	208	197	164	197
22	204	204	203	208	201	204	233	205	208	175	164	199
23	195	202	207	209	217	217	232	207	202	172	163	201
24	193	205	208	210	208	220	234	197	189	171	163	200
25	194	203	208	210	210	220	231	204	200	173	162	199
26	188	204	208	210	205	219	205	204	208	172	162	199
27	196	222	208	208	214	217	208	204	206	171	165	199
28	196	216	209	207	211	215	208	203	206	170	164	197
29	198	211	211	207	207	212	214	202	194	169	166	194
30	199	210	215	209	---	206	218	203	191	168	166	194
31	199	---	212	206	---	212	---	203	---	---	165	---
TOTAL	6,122	6,104	6,417	6,473	6,030	6,478	6,855	---	6,225	---	---	5,371

MISSISSIPPI RIVER DELTA

07380401 BAYOU LAFOURCHE SW OF DONALDSONVILLE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.61	7.34	7.54	7.62	7.43	7.44	7.72	7.59	7.48	7.29	---	7.22
2	7.36	7.34	7.53	7.61	7.42	7.27	7.57	7.51	7.55	7.11	---	7.21
3	7.30	7.29	7.53	7.60	7.65	7.44	7.43	7.80	7.74	7.08	---	7.36
4	7.29	7.30	7.54	7.60	7.74	7.56	7.55	7.78	7.75	7.08	7.30	7.34
5	7.29	7.34	7.61	7.66	7.49	7.52	7.55	7.76	7.87	7.12	7.30	7.31
6	7.29	7.34	7.58	7.64	7.60	7.36	7.56	7.74	7.57	7.20	7.35	7.31
7	7.29	7.35	7.56	7.61	7.71	7.59	7.61	7.73	7.59	7.20	---	7.31
8	7.29	7.36	7.56	7.72	7.64	7.61	7.57	7.71	7.65	7.46	---	7.32
9	7.29	7.37	7.58	7.75	7.61	7.62	7.56	7.64	7.71	7.36	---	7.34
10	7.68	7.37	7.61	7.65	7.79	7.62	7.56	7.68	7.78	7.40	---	7.34
11	7.54	7.38	7.63	7.62	7.46	7.63	7.65	7.71	7.84	7.38	---	7.34
12	7.34	7.39	7.58	7.62	7.54	7.64	7.64	8.16	7.87	7.19	7.34	7.35
13	7.29	7.39	7.60	7.62	7.76	7.60	7.60	7.80	7.77	7.32	7.30	7.35
14	7.26	7.41	7.55	7.62	7.68	7.51	7.58	7.26	7.49	7.31	7.29	7.33
15	7.26	7.40	7.53	7.62	7.71	7.63	7.59	7.36	7.68	7.28	7.29	7.34
16	7.26	7.46	7.50	7.62	7.79	7.71	7.58	7.14	7.70	7.50	7.28	7.39
17	7.25	7.42	7.47	7.70	7.86	7.82	7.58	7.87	7.74	7.42	7.28	7.32
18	7.25	7.56	7.46	7.63	7.56	7.91	7.57	7.56	7.91	7.74	7.27	7.27
19	7.24	7.50	7.45	7.42	7.25	7.59	7.56	7.48	7.94	7.52	7.28	7.28
20	7.24	7.46	7.45	7.46	7.55	7.60	7.54	7.57	7.90	7.56	7.28	7.26
21	7.23	7.46	7.46	7.53	7.25	7.63	7.52	7.46	7.67	7.33	7.26	7.30
22	7.50	7.45	7.46	7.58	7.43	7.53	7.51	7.54	7.66	7.57	7.24	7.32
23	7.26	7.42	7.57	7.62	7.90	7.95	7.51	7.59	7.49	7.48	7.23	7.39
24	7.21	7.48	7.59	7.64	7.57	8.03	7.54	7.35	7.16	7.46	7.22	7.39
25	7.22	7.43	7.59	7.66	7.62	8.04	7.63	7.51	7.42	7.51	7.20	7.38
26	7.13	7.45	7.60	7.65	7.55	8.00	7.51	7.50	7.58	7.50	7.20	7.38
27	7.31	8.38	7.60	7.60	7.80	7.93	7.62	7.50	7.57	7.45	7.26	7.37
28	7.27	7.73	7.61	7.57	7.70	7.85	7.64	7.48	7.61	7.42	7.23	7.33
29	7.32	7.65	7.65	7.55	7.58	7.73	7.85	7.47	7.27	7.39	7.29	7.27
30	7.34	7.64	7.80	7.60	---	7.56	7.94	7.47	7.21	7.37	7.29	7.26
31	7.34	---	7.68	7.53	---	7.74	---	7.47	---	---	7.26	---
MAX	7.68	8.38	7.80	7.75	7.90	8.04	7.94	8.16	7.94	---	---	7.39
MIN	7.13	7.29	7.45	7.42	7.25	7.27	7.43	7.14	7.16	---	---	7.21

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA

LOCATION.--Lat 29° 47' 52", long 90° 49' 21", in sec. 117, T. 15 S., R. 16 E., Lafourche Parish, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi upstream from Laurel Valley Canal.

PERIOD OF RECORD.--October 1984 to 1997, April 2002 to current year. April 1966 to September 1984, 1997 to March 2002 (elevations only). Unpublished records, May 1954 to July 1957, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder and acoustic flowmeter. Datum of gage is NAVD 88. Prior to October 1997 datum of gage is 1.22 ft lower.

REMARKS.-- Satellite telemetry at station. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Artificial control located about 1,000 ft downstream since Nov. 5, 1968. About 5.1 ft³/s is diverted daily from the stream above weir for city of Thibodaux water supply.

REVISIONS.--Minimum gage height has been revised to reflect the datum used prior to Oct. 1, 1997.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,450 ft³/s, May 9, 1995; maximum gage height, 9.80 ft, June 7, 2001; minimum discharge, undetermined; minimum gage height, -0.40 ft, revised, Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 823 ft³/s, Nov. 27; maximum gage height, 5.35 ft, Nov. 27 minimum discharge, 140 ft³/s, Jan. 15; minimum gage height, 3.64 ft, Jan. 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	171	177	208	237	231	230	229	419	216	---	220	208
2	181	176	195	226	223	219	235	450	286	---	217	211
3	178	171	190	222	225	211	220	305	381	232	217	216
4	175	174	190	221	234	217	215	258	313	209	213	225
5	174	176	186	228	327	221	215	243	276	195	213	226
6	168	172	188	229	368	229	220	235	272	202	---	208
7	173	174	190	221	276	222	241	230	238	204	---	203
8	171	175	190	235	245	222	227	235	232	210	---	202
9	181	174	193	275	237	220	221	232	234	241	---	201
10	368	179	188	251	301	219	217	228	236	241	208	209
11	318	177	191	229	481	225	331	233	240	283	206	205
12	227	177	196	224	387	228	264	261	267	239	211	207
13	191	167	211	242	288	227	235	478	335	219	201	218
14	177	170	198	232	281	231	226	350	382	211	201	211
15	162	179	191	207	264	229	227	311	292	209	200	206
16	171	183	195	208	243	237	224	268	253	209	203	205
17	173	183	183	229	245	233	221	265	246	216	205	205
18	---	183	182	243	245	240	221	363	244	457	202	206
19	169	187	185	227	223	246	220	297	249	388	202	195
20	170	182	186	212	218	232	219	251	252	273	204	198
21	171	184	185	213	218	228	215	233	253	238	202	201
22	169	182	187	214	215	221	212	223	243	222	202	202
23	182	181	202	216	298	221	215	222	240	221	200	212
24	174	181	207	221	391	246	215	221	---	220	198	216
25	171	179	210	225	411	257	283	210	---	216	204	212
26	174	185	212	226	289	260	351	213	---	221	207	208
27	156	524	211	222	253	256	252	212	---	---	208	205
28	171	587	213	217	247	254	225	212	---	---	216	203
29	172	338	354	219	238	250	232	210	255	---	223	191
30	175	244	333	248	---	237	417	207	247	214	251	188
31	178	---	262	245	---	227	---	210	---	225	234	---
TOTAL	---	6,321	6,412	7,064	8,102	7,195	7,245	8,285	---	---	---	6,203

MISSISSIPPI RIVER DELTA

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.08	4.06	4.08	4.12	4.07	4.09	4.16	4.72	4.29	---	4.18	4.24
2	4.12	4.06	4.03	4.10	4.05	4.05	4.15	4.78	4.49	---	4.19	4.25
3	4.10	4.06	4.01	4.10	4.06	4.02	4.12	4.44	4.69	4.30	4.19	4.26
4	4.09	4.05	4.01	4.11	4.08	4.05	4.11	4.30	4.53	4.23	4.17	4.30
5	4.09	4.06	4.01	4.10	4.33	4.07	4.12	4.26	4.45	4.20	4.16	4.30
6	4.09	4.07	4.01	4.09	4.41	4.10	4.13	4.25	4.43	4.21	---	4.26
7	4.10	4.07	4.01	4.07	4.21	4.07	4.19	4.26	4.35	4.23	---	4.26
8	4.09	4.07	4.00	4.11	4.11	4.09	4.16	4.26	4.33	4.25	---	4.25
9	4.13	4.07	4.02	4.22	4.09	4.09	4.15	4.26	4.35	4.33	---	4.26
10	4.59	4.08	4.03	4.16	4.26	4.09	4.16	4.27	4.37	4.34	4.15	4.26
11	4.43	4.08	4.02	4.09	4.70	4.09	4.45	4.30	4.39	4.45	4.14	4.26
12	4.19	4.09	4.02	4.08	4.50	4.09	4.31	4.37	4.48	4.32	4.17	4.26
13	4.09	4.07	4.07	3.95	4.26	4.09	4.24	4.82	4.64	4.25	4.16	4.28
14	4.06	4.07	4.05	3.68	4.25	4.10	4.20	4.57	4.73	4.23	4.16	4.27
15	4.04	4.08	4.00	3.75	4.20	4.09	4.18	4.47	4.51	4.19	4.14	4.28
16	4.04	4.09	4.00	4.03	4.16	4.12	4.16	4.37	4.41	4.18	4.16	4.28
17	4.05	4.10	3.99	4.09	4.16	4.12	4.16	4.35	4.39	4.19	4.16	4.26
18	---	4.13	3.98	4.16	4.17	4.14	4.16	4.60	4.39	4.71	4.17	4.26
19	4.04	4.14	3.98	4.10	4.09	4.16	4.17	4.43	4.42	4.56	4.17	4.25
20	4.02	4.10	3.98	4.05	4.04	4.12	4.17	4.30	4.43	4.29	4.18	4.24
21	4.03	4.09	3.98	4.06	4.03	4.12	4.17	4.26	4.43	4.20	4.19	4.24
22	4.03	4.09	3.98	4.07	4.01	4.11	4.17	4.24	4.40	4.15	4.18	4.26
23	4.06	4.10	4.04	4.07	4.24	4.10	4.18	4.25	4.41	4.16	4.19	4.29
24	4.04	4.13	4.05	4.08	4.49	4.15	4.20	4.25	---	4.16	4.18	4.31
25	4.03	4.09	4.05	4.10	4.54	4.18	4.37	4.23	---	4.15	4.19	4.30
26	4.04	4.09	4.06	4.10	4.25	4.19	4.55	4.25	---	4.18	4.19	4.30
27	4.02	4.79	4.07	4.10	4.14	4.19	4.31	4.24	---	---	4.21	4.30
28	4.05	4.97	4.09	4.07	4.11	4.19	4.25	4.24	---	---	4.25	4.29
29	4.04	4.44	4.43	4.06	4.10	4.19	4.26	4.24	4.37	---	4.28	4.25
30	4.05	4.19	4.38	4.11	---	4.17	4.74	4.25	4.33	4.17	4.34	4.22
31	4.06	---	4.19	4.11	---	4.15	---	4.27	---	4.19	4.29	---
MAX	---	4.97	4.43	4.22	4.70	4.19	4.74	4.82	---	---	---	4.31
MIN	---	4.05	3.98	3.68	4.01	4.02	4.11	4.23	---	---	---	4.22

07381002 BAYOU LAFOURCHE BELOW WEIR AT THIBODAUX, LA.

LOCATION.--Lat 29° 47' 56", long 90° 49' 11", lot 117, T. 15 S., R. 16 E., Lafourche Parish, Hydrologic Unit 08090301, on bridge at Canal St. across Bayou Lafourche, about 1200 ft. downstream of the Hwy. 20 bridge and 200 ft. below the weir.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--May 1984 to September 2001 (peak only), October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88, prior to October 1, 1998 at datum 1.19 ft. lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.72 ft, June 7, 2001; minimum gage height, 0.77 ft, Jan. 24-25, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.69 ft, Apr. 30; minimum gage height, 0.92 ft, Dec. 20.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.71	1.82	1.46	1.76	1.61	1.78	1.61	3.75	2.35	2.31	1.95	1.50
2	1.73	1.86	1.31	1.71	1.70	1.85	1.55	3.72	2.58	2.44	1.98	1.49
3	1.68	1.80	1.29	1.70	1.71	1.85	1.48	2.95	3.00	2.22	1.88	1.60
4	1.72	1.70	1.49	1.74	1.72	1.94	1.39	2.43	2.82	2.05	1.65	1.73
5	1.79	1.68	1.49	1.79	2.43	2.17	1.39	2.12	2.55	1.96	1.57	1.77
6	1.77	1.76	1.28	1.59	2.77	2.20	1.49	2.03	2.28	2.01	1.62	1.60
7	1.79	1.62	1.10	1.27	2.20	2.02	1.81	2.01	2.10	1.93	1.30	1.41
8	1.89	1.51	1.21	1.29	1.68	1.75	1.74	1.99	2.11	1.87	1.38	1.24
9	1.97	1.52	1.41	1.63	1.44	1.42	1.62	1.95	2.13	1.97	1.57	1.24
10	3.12	1.53	1.56	1.54	1.75	1.23	1.62	1.99	2.11	2.11	1.64	1.38
11	2.89	1.65	1.42	1.27	3.21	1.20	2.45	2.20	2.08	2.34	1.64	1.40
12	2.32	1.71	1.42	1.27	3.03	1.24	2.17	2.53	2.12	2.10	1.72	1.60
13	2.09	1.71	1.73	1.36	2.25	1.32	1.78	3.43	2.44	1.86	1.55	1.83
14	2.02	1.56	1.69	1.43	1.99	1.41	1.35	3.06	2.84	1.73	1.29	1.96
15	1.89	1.60	1.58	1.39	1.87	1.49	1.11	3.10	2.62	1.72	1.25	2.06
16	1.81	1.73	1.67	1.38	1.52	1.56	1.10	2.94	2.37	1.73	1.30	1.89
17	1.75	1.87	1.45	1.74	1.38	1.61	1.21	2.83	2.34	1.71	1.35	1.94
18	1.64	2.08	1.10	2.08	1.37	1.73	1.33	3.43	2.25	3.09	1.40	1.98
19	1.54	2.05	1.03	1.83	1.29	1.82	1.45	3.13	2.17	2.83	1.52	1.91
20	1.66	1.66	0.95	1.56	1.31	1.75	1.54	2.72	2.08	2.08	1.65	1.94
21	1.66	1.58	1.06	1.46	1.42	1.65	1.63	2.56	2.06	1.83	1.63	2.03
22	1.56	1.55	1.23	1.39	1.49	1.48	1.86	2.43	2.07	1.70	1.52	2.11
23	1.43	1.66	1.45	1.36	2.37	1.41	2.01	2.41	2.08	1.63	1.50	2.32
24	1.54	1.72	1.44	1.40	2.89	1.73	2.02	2.41	2.22	1.55	1.52	2.42
25	1.70	1.44	1.34	1.57	3.03	2.01	2.39	2.33	2.63	1.55	1.59	2.32
26	1.79	1.54	1.41	1.78	2.47	2.15	3.14	2.26	3.01	1.92	1.61	2.11
27	1.60	2.92	1.45	1.69	1.90	2.10	2.24	2.17	2.53	2.05	1.56	1.89
28	1.48	3.92	1.54	1.38	1.67	2.08	1.82	2.11	2.32	1.65	1.66	1.73
29	1.59	2.65	2.28	1.22	1.70	2.12	1.89	2.03	2.30	1.64	1.75	1.42
30	1.75	1.83	2.42	1.44	---	2.02	3.67	2.16	2.20	1.74	1.90	1.39
31	1.84	---	1.92	1.58	---	1.80	---	2.36	---	1.84	1.75	---
MAX	3.12	3.92	2.42	2.08	3.21	2.20	3.67	3.75	3.01	3.09	1.98	2.42
MIN	1.43	1.44	0.95	1.22	1.29	1.20	1.10	1.95	2.06	1.55	1.25	1.24

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA

LOCATION.--Lat 29° 34'06", long 90° 23'07", in sec. 45, T. 17 S., R. 20 E., Lafourche Parish, Hydrologic Unit 08090302, on the right bank of stream, under U.S. Highway 1 bridge at Larose, 450 yards upstream from crossing of Bayou Lafourche.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 2000 to September 2002 (gage height only). October 2002 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records poor. Stage affected by wind, tide, and boat traffic. Satellite telemetry at site. Discharge data prior to October 2002 available at Louisiana District, Baton Rouge Field Office

EXTREMES FOR PERIOD OF RECORD.-- Maximum positive discharge recorded, 7,690 ft/s, June 30, 2003; maximum recorded gage height, 3.01 ft, June 11, 2001; maximum negative discharge recorded, -5,520 ft/s, Dec. 12, 2002; minimum recorded gage height, -0.44 ft, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 5,510 ft³/s; maximum gage height, 2.56 ft, May 15; maximum negative discharge, -5,190 ft³/s, Apr. 30; minimum gage height, 0.22 ft, Apr. 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-287	-369	---	1,290	---	1,780	2,780	1,790	648	2,400	1,350	804
2	-115	-122	---	1,810	---	1,670	2,270	3,070	1,790	2,820	1,370	91
3	1,020	329	---	1,550	---	1,200	2,320	3,570	2,400	3,120	1,520	54
4	1,410	393	---	1,750	---	547	2,430	3,230	2,560	2,700	1,430	76
5	1,090	1,630	---	1,010	---	1,960	1,440	2,940	2,700	2,500	1,910	208
6	639	1,540	---	108	---	2,260	1,270	2,370	2,470	2,680	1,740	1,330
7	489	685	---	1,290	---	2,130	1,600	1,720	1,840	3,120	994	1,960
8	285	115	---	1,520	---	2,240	2,160	1,890	890	2,990	466	1,030
9	128	434	---	2,120	---	3,370	1,830	1,900	1,020	2,630	194	1,500
10	131	443	---	1,950	---	2,390	1,670	1,110	1,740	2,650	197	502
11	-618	1,220	---	2,260	---	2,440	1,430	24	2,190	3,190	87	81
12	-246	1,510	---	1,900	---	2,400	2,270	-612	2,050	3,400	440	468
13	524	-179	---	1,780	---	1,800	3,020	-1,960	1,640	3,200	35	-387
14	934	516	---	2,110	---	1,740	2,850	-1,960	1,310	2,830	1,050	-2,070
15	-247	1,430	---	1,640	---	1,720	2,420	-2,160	2,470	2,850	1,220	-2,180
16	384	1,380	---	417	---	2,130	2,120	-625	1,450	2,840	---	4,400
17	655	602	---	306	---	1,750	1,590	-202	1,170	3,240	---	2,860
18	-28	1,610	---	2,330	---	2,340	895	-951	1,860	4,250	1,080	1,540
19	681	2,590	---	1,840	2,670	1,670	1,060	38	2,210	3,700	988	746
20	719	1,580	---	1,920	---	1,990	1,450	825	2,140	2,930	1,520	-375
21	1,170	1,620	---	1,920	---	2,030	1,520	1,480	2,530	2,190	1,410	-967
22	2,130	566	---	2,090	1,510	2,020	700	1,720	2,840	2,230	1,460	-1,420
23	1,590	1,410	---	2,230	---	1,890	-339	1,310	2,480	2,240	1,390	-2,380
24	947	1,610	1,980	2,170	---	926	-348	1,050	2,340	2,060	1,280	-1,650
25	577	1,930	1,310	2,430	---	-237	200	1,150	2,770	2,040	1,040	-77
26	---	1,260	1,460	1,010	3,560	98	1,100	1,580	3,110	1,990	986	---
27	---	---	1,220	2,630	3,150	534	1,530	1,980	2,990	2,760	580	---
28	---	---	1,060	2,040	2,190	651	1,140	1,640	2,560	2,220	602	---
29	---	---	2,060	1,950	1,460	1,670	277	1,540	2,840	2,150	1,030	---
30	1,470	---	1,430	1,400	---	2,450	-1,580	1,520	2,510	2,020	1,040	---
31	268	---	1,710	770	---	2,900	---	749	---	1,510	959	---
TOTAL	---	---	---	51,541	---	54,459	43,075	31,726	63,518	83,450	---	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.45	1.57	0.85	1.17	1.11	1.26	0.90	2.12	1.99	1.66	1.54	1.07
2	1.44	1.62	0.80	1.18	1.20	1.41	0.94	1.93	1.97	1.66	1.51	1.08
3	1.42	1.54	0.97	1.19	1.16	1.40	0.90	1.60	1.96	1.63	1.40	1.21
4	1.52	1.51	1.17	1.25	1.07	1.52	0.84	1.36	1.83	1.60	1.22	1.37
5	1.56	1.49	1.09	1.33	1.46	1.72	0.87	1.33	1.66	1.58	1.09	1.36
6	1.54	1.51	0.68	0.85	1.70	1.82	1.05	1.35	1.55	1.55	0.91	1.18
7	1.59	1.28	0.57	0.54	1.18	1.49	1.39	1.39	1.57	1.43	0.81	0.90
8	1.68	1.24	0.79	0.70	0.73	1.08	1.28	1.37	1.62	1.38	1.08	0.72
9	1.69	1.23	1.06	0.95	0.67	0.69	1.15	1.36	1.63	1.44	1.30	0.88
10	2.07	1.28	1.22	0.60	0.86	0.48	1.16	1.53	1.61	1.46	1.35	0.98
11	2.15	1.40	0.89	0.54	1.20	0.53	1.38	1.75	1.56	1.47	1.34	1.06
12	1.86	1.46	1.02	0.64	1.40	0.59	1.48	1.99	1.50	1.37	1.34	1.30
13	1.83	1.44	1.33	0.70	1.00	0.74	1.05	2.21	1.55	1.24	1.05	1.51
14	1.81	1.18	1.17	0.83	0.94	0.89	0.50	2.28	1.75	1.21	0.81	1.71
15	1.55	1.36	1.16	0.89	0.84	0.98	0.34	2.44	1.79	1.23	0.84	1.89
16	1.54	1.50	1.35	0.92	0.52	1.10	0.46	2.35	1.86	1.24	0.91	1.56
17	1.51	1.61	0.81	1.36	0.55	1.10	0.66	2.25	1.86	1.16	0.98	1.65
18	1.32	1.85	0.55	1.56	0.50	1.20	0.83	2.28	1.74	1.11	1.05	1.68
19	1.32	1.65	0.49	1.26	0.51	1.23	0.95	2.24	1.61	1.11	1.21	1.61
20	1.43	1.14	0.44	0.91	0.75	1.18	1.04	2.13	1.49	1.12	1.34	1.68
21	1.42	1.22	0.62	0.88	0.90	1.05	1.22	1.99	1.44	1.20	1.25	1.80
22	1.21	1.19	0.83	0.82	1.01	0.76	1.52	1.88	1.47	1.17	1.16	1.92
23	1.12	1.39	1.09	0.77	1.27	0.88	1.62	1.93	1.52	1.04	1.16	2.03
24	1.29	1.31	0.82	0.85	1.67	1.16	1.61	2.00	1.59	0.99	1.21	2.18
25	1.48	0.98	0.83	1.15	1.63	1.48	1.72	1.96	1.72	1.05	1.27	1.99
26	1.55	1.22	0.87	1.36	1.38	1.55	1.80	1.83	1.66	1.05	1.23	---
27	1.25	1.57	0.93	1.08	0.97	1.50	1.38	1.72	1.57	1.12	1.24	---
28	1.23	1.55	1.06	0.59	0.85	1.57	1.19	1.63	1.56	1.12	1.25	---
29	1.33	0.98	1.43	0.52	1.05	1.56	1.46	1.60	1.59	1.19	1.24	---
30	1.54	0.92	1.25	0.80	---	1.39	2.19	1.86	1.61	1.29	1.21	---
31	1.55	---	1.17	0.94	---	1.21	---	2.10	---	1.40	1.14	---
MAX	2.15	1.85	1.43	1.56	1.70	1.82	2.19	2.44	1.99	1.66	1.54	---
MIN	1.12	0.92	0.44	0.52	0.50	0.48	0.34	1.33	1.44	0.99	0.81	---

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: April 2000 to current year.

SALINITY: October 2002 to current year.

TEMPERATURE: April 2000 to current year.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Apr. 29-June 18 when records good, June 19-July 25 when records fair, July 26-27 and Sept. 26-30 when records poor.

SALINITY: Records excellent except for Apr. 29-June 18 when records good, June 19-July 25 when records fair, July 26-27 and Sept. 26-30 when records poor.

WATER TEMPERATURE: Records excellent except for Sept. 26-30 when records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 17,800 microseimens/cm, Nov. 9, 2000; minimum, 175 microseimens/cm, July 4, 2001.

SALINITY: Maximum, 7.6 ppt, May 12, 13, 2003; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 33.7° C, Aug. 19, 2000; minimum 5.6° C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 10,500 microsiemens/cm, Nov. 24; minimum, 190 microsiemens/cm, May 5, June 14.

SALINITY: Maximum, 6.0 ppt, Nov. 24; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.5° C, Aug. 5; minimum, 10.6° C, Feb. 1.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	795	557	646	3,390	2,260	2,830	1,120	1,030	1,060	435	404	426
2	668	531	592	4,380	2,720	3,330	1,120	828	1,020	430	422	427
3	1,220	580	717	4,220	3,070	3,570	833	661	730	454	427	440
4	1,750	470	671	3,930	2,040	2,860	662	618	638	477	454	466
5	1,060	481	621	3,580	502	1,300	618	558	583	467	438	445
6	975	487	688	1,620	513	1,130	568	524	553	444	430	439
7	1,500	601	1,070	1,800	1,420	1,600	587	534	570	455	401	427
8	3,930	558	1,710	1,710	1,390	1,520	620	504	578	492	395	447
9	5,140	1,850	3,030	3,200	1,270	2,230	508	445	471	478	425	450
10	6,770	4,420	5,570	7,880	1,200	3,770	459	396	419	456	379	400
11	5,310	2,160	3,310	6,810	1,350	3,240	470	404	438	436	394	410
12	2,160	1,650	1,880	3,250	597	1,540	464	434	450	436	378	413
13	2,690	1,800	2,340	4,520	523	2,410	474	415	447	384	368	376
14	2,850	819	1,700	4,970	3,200	3,970	434	400	412	390	365	379
15	1,360	823	1,130	5,000	1,200	2,870	438	428	433	381	360	372
16	1,280	954	1,010	5,120	979	2,480	435	404	425	396	370	387
17	957	542	810	9,700	2,360	5,110	404	376	391	414	378	386
18	699	496	607	9,900	3,700	5,930	479	381	443	414	375	397
19	822	699	774	4,790	2,100	3,250	530	461	495	404	386	393
20	733	672	696	3,320	1,960	2,570	485	401	444	426	396	414
21	695	656	678	4,340	3,320	4,010	453	384	414	418	396	404
22	785	694	759	3,920	3,630	3,740	422	392	412	441	408	417
23	801	633	708	7,000	3,920	4,920	413	357	382	458	435	443
24	1,230	793	1,050	10,500	7,000	9,470	379	361	368	457	404	429
25	1,310	1,030	1,230	9,470	3,500	5,970	405	379	395	404	355	374
26	1,560	1,310	1,410	3,510	2,770	3,010	428	403	416	373	359	364
27	1,370	966	1,150	2,770	2,000	2,220	464	410	447	403	366	383
28	1,040	425	556	2,070	1,110	1,480	461	391	405	387	375	380
29	695	406	500	1,200	1,100	1,140	415	385	400	409	380	393
30	2,350	695	1,410	1,130	1,020	1,060	447	402	416	415	381	399
31	4,590	1,700	2,980	---	---	---	447	399	417	403	370	377
MONTH	6,770	406	1,350	10,500	502	3,150	1,120	357	499	492	355	408

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	421	383	392	331	263	292	359	333	345	329	258	285
2	444	365	387	265	254	258	365	332	348	313	253	289
3	423	372	411	270	256	264	342	313	327	287	236	268
4	447	395	421	272	258	268	325	311	316	236	204	221
5	443	395	414	1,840	249	427	334	297	305	205	190	196
6	438	398	423	2,500	1,000	2,080	340	300	325	224	199	203
7	461	388	423	1,000	271	381	328	298	310	298	224	277
8	452	415	426	293	264	281	311	304	308	270	252	262
9	431	417	425	316	265	281	311	300	305	308	268	289
10	460	418	438	388	281	317	322	304	309	286	276	281
11	471	383	440	284	255	270	338	312	324	283	260	271
12	390	378	382	259	245	251	362	309	342	272	244	258
13	420	389	407	251	232	244	375	326	343	326	243	285
14	401	356	391	246	229	239	372	326	343	328	277	297
15	409	347	375	254	229	238	360	323	337	428	299	365
16	409	325	350	265	223	240	352	323	336	388	279	326
17	357	320	335	287	238	249	350	344	348	283	224	244
18	323	306	314	286	229	248	344	293	314	322	221	280
19	341	277	309	267	243	255	307	284	296	306	248	273
20	292	251	272	260	244	249	317	283	302	315	282	292
21	266	253	258	292	256	277	330	284	300	324	291	314
22	281	253	268	299	280	292	372	330	355	294	259	279
23	264	249	256	334	295	305	368	348	357	268	220	245
24	294	259	270	333	311	317	348	311	324	225	218	221
25	292	258	278	312	306	310	337	314	320	370	224	257
26	309	278	298	314	305	309	359	337	352	387	319	359
27	324	294	309	343	310	323	378	346	357	319	240	284
28	310	285	295	325	320	323	509	366	415	249	235	242
29	340	289	312	320	304	313	531	452	500	249	226	234
30	---	---	---	357	303	319	510	259	315	252	216	234
31	---	---	---	370	328	349	---	---	---	2,200	249	1,160
MONTH	471	249	354	2,500	223	347	531	259	336	2,200	190	300
JUNE			JULY			AUGUST			SEPTEMBER			
1	3,920	1,570	2,960	246	207	228	243	212	222	423	412	417
2	3,740	356	1,870	213	200	205	263	243	254	430	418	423
3	720	312	463	228	204	215	263	251	257	436	421	428
4	704	295	452	233	207	221	287	248	265	439	423	431
5	323	296	309	209	200	204	284	262	271	437	397	412
6	320	264	286	230	201	212	299	261	274	428	398	411
7	274	251	261	304	230	254	301	277	287	504	402	459
8	274	244	265	309	249	270	278	241	254	485	455	472
9	258	243	249	292	254	274	264	240	250	510	465	488
10	250	231	241	268	249	260	254	245	248	466	445	450
11	237	212	227	269	243	253	261	247	252	449	415	431
12	219	193	210	278	240	260	274	247	260	794	400	474
13	199	193	196	249	236	243	295	273	288	7,600	622	3,430
14	222	190	199	252	235	245	302	273	294	7,360	523	3,830
15	240	222	231	274	236	245	295	265	281	534	365	397
16	275	229	254	276	234	261	---	---	---	3,840	377	1,720
17	275	250	261	234	211	221	437	339	407	3,360	867	2,260
18	270	256	264	232	214	225	356	334	345	2,960	2,020	2,330
19	271	257	263	259	226	242	341	326	332	2,020	1,160	1,440
20	284	258	266	249	224	232	1,410	334	597	4,520	897	2,310
21	299	264	281	230	215	225	1,680	1,250	1,470	4,130	2,120	3,120
22	285	266	279	236	218	225	1,350	572	996	2,400	873	1,740
23	278	253	267	231	217	223	838	428	631	1,070	708	894
24	255	239	250	241	224	234	1,030	469	751	1,360	796	1,140
25	253	238	246	242	220	230	1,380	526	1,010	1,380	1,320	1,360
26	271	242	256	241	218	230	596	418	521	1,370	1,300	1,350
27	267	243	256	241	220	232	428	414	419	1,350	1,020	1,150
28	255	241	247	230	215	224	427	419	424	3,100	1,140	2,310
29	264	251	255	225	205	215	424	406	414	3,170	2,790	2,990
30	262	230	244	269	222	251	426	406	416	3,290	2,940	3,190
31	---	---	---	250	218	230	424	399	412	---	---	---
MONTH	3,920	190	410	309	200	235	---	---	---	7,600	365	1,410

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.4	0.3	0.3	1.8	1.2	1.5	0.6	0.5	0.5	0.2	0.2	0.2
2	0.3	0.3	0.3	2.3	1.4	1.7	0.6	0.4	0.5	0.2	0.2	0.2
3	0.6	0.3	0.4	2.2	1.6	1.9	0.4	0.3	0.4	0.2	0.2	0.2
4	0.9	0.2	0.3	2.1	1.0	1.5	0.3	0.3	0.3	0.2	0.2	0.2
5	0.5	0.2	0.3	1.9	0.2	0.7	0.3	0.3	0.3	0.2	0.2	0.2
6	0.5	0.2	0.3	0.8	0.3	0.6	0.3	0.3	0.3	0.2	0.2	0.2
7	0.8	0.3	0.5	0.9	0.7	0.8	0.3	0.3	0.3	0.2	0.2	0.2
8	2.1	0.3	0.9	0.9	0.7	0.8	0.3	0.2	0.3	0.2	0.2	0.2
9	2.8	0.9	1.6	1.7	0.6	1.1	0.3	0.2	0.2	0.2	0.2	0.2
10	3.7	2.4	3.0	4.4	0.6	2.0	0.2	0.2	0.2	0.2	0.2	0.2
11	2.9	1.1	1.7	3.7	0.7	1.7	0.2	0.2	0.2	0.2	0.2	0.2
12	1.1	0.8	1.0	1.7	0.3	0.8	0.2	0.2	0.2	0.2	0.2	0.2
13	1.4	0.9	1.2	2.4	0.3	1.3	0.2	0.2	0.2	0.2	0.2	0.2
14	1.5	0.4	0.9	2.7	1.7	2.1	0.2	0.2	0.2	0.2	0.2	0.2
15	0.7	0.4	0.6	2.7	0.6	1.5	0.2	0.2	0.2	0.2	0.2	0.2
16	0.6	0.5	0.5	2.7	0.5	1.3	0.2	0.2	0.2	0.2	0.2	0.2
17	0.5	0.3	0.4	5.4	1.2	2.8	0.2	0.2	0.2	0.2	0.2	0.2
18	0.3	0.2	0.3	5.6	1.9	3.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.4	0.3	0.4	2.6	1.1	1.7	0.3	0.2	0.2	0.2	0.2	0.2
20	0.4	0.3	0.3	1.7	1.0	1.3	0.2	0.2	0.2	0.2	0.2	0.2
21	0.3	0.3	0.3	2.3	1.7	2.1	0.2	0.2	0.2	0.2	0.2	0.2
22	0.4	0.3	0.4	2.1	1.9	2.0	0.2	0.2	0.2	0.2	0.2	0.2
23	0.4	0.3	0.3	3.8	2.1	2.6	0.2	0.2	0.2	0.2	0.2	0.2
24	0.6	0.4	0.5	6.0	3.8	5.3	0.2	0.2	0.2	0.2	0.2	0.2
25	0.7	0.5	0.6	5.3	1.8	3.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.8	0.7	0.7	1.8	1.4	1.6	0.2	0.2	0.2	0.2	0.2	0.2
27	0.7	0.5	0.6	1.4	1.0	1.1	0.2	0.2	0.2	0.2	0.2	0.2
28	0.5	0.2	0.3	1.1	0.5	0.7	0.2	0.2	0.2	0.2	0.2	0.2
29	0.3	0.2	0.2	0.6	0.5	0.6	0.2	0.2	0.2	0.2	0.2	0.2
30	1.2	0.3	0.7	0.6	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2
31	2.4	0.9	1.5	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
MONTH	3.7	0.2	0.7	6.0	0.2	1.7	0.6	0.2	0.2	0.2	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
4	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
5	0.2	0.2	0.2	0.9	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
6	0.2	0.2	0.2	1.3	0.5	1.1	0.2	0.2	0.2	0.1	0.1	0.1
7	0.2	0.2	0.2	0.5	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
8	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
9	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
10	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
11	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
12	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
13	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
14	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
15	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
17	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
18	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1
19	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2
22	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
23	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
24	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
25	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
26	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
28	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1
29	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1
30	---	---	---	0.2	0.2	0.2	0.3	0.1	0.2	0.1	0.1	0.1
31	---	---	---	0.2	0.2	0.2	---	---	---	1.1	0.1	0.6
MONTH	0.2	0.1	0.2	1.3	0.1	0.2	0.3	0.1	0.2	1.1	0.1	0.1

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.1	0.8	1.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
2	2.0	0.2	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
3	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
4	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
5	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
6	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
7	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
8	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.2
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.2
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.2	0.3	1.8
14	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	4.0	0.3	2.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.2
16	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	2.0	0.2	0.9
17	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.8	0.4	1.2
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.5	1.0	1.2
19	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.0	0.6	0.7
20	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.2	0.3	2.4	0.4	1.2
21	0.2	0.1	0.1	0.1	0.1	0.1	0.8	0.6	0.7	2.2	1.1	1.6
22	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.3	0.5	1.2	0.4	0.9
23	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.3	0.5	0.3	0.4
24	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.2	0.4	0.7	0.4	0.6
25	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.3	0.5	0.7	0.7	0.7
26	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.7	0.6	0.7
27	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.7	0.5	0.6
28	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.6	0.6	1.2
29	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.6	1.4	1.5
30	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.7	1.5	1.7
31	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
MONTH	2.1	0.1	0.2	0.2	0.1	0.1	---	---	---	4.2	0.2	0.7

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.1	23.9	24.6	23.6	22.8	23.1	15.3	14.8	15.0	14.6	13.8	14.2
2	24.9	24.1	24.5	23.9	23.3	23.6	15.8	15.2	15.5	15.4	14.6	15.0
3	24.2	23.2	23.8	24.0	23.2	23.7	16.1	15.3	15.6	16.4	15.4	16.0
4	24.6	23.9	24.2	24.0	23.3	23.7	16.2	15.6	15.9	17.1	16.3	16.7
5	25.1	24.1	24.5	24.6	23.7	24.1	16.2	15.5	15.9	17.3	16.6	17.0
6	25.3	24.6	24.9	24.8	24.1	24.5	15.5	14.0	14.7	16.6	14.4	15.6
7	25.7	24.9	25.3	24.6	24.2	24.3	14.0	13.5	13.8	14.4	13.0	13.6
8	25.9	25.3	25.6	24.3	23.8	24.0	13.9	13.2	13.5	13.0	12.1	12.3
9	26.1	25.4	25.8	24.0	23.4	23.7	15.1	13.9	14.5	12.9	12.2	12.5
10	26.0	25.6	25.8	23.6	23.1	23.4	15.1	13.9	14.4	12.7	11.8	12.3
11	25.7	25.2	25.5	24.3	22.7	23.3	13.9	13.2	13.5	11.8	11.3	11.6
12	25.5	25.0	25.2	24.0	23.1	23.5	13.6	13.2	13.4	11.9	11.2	11.6
13	25.8	25.2	25.5	23.6	22.3	23.2	13.8	13.4	13.6	12.2	11.8	12.0
14	26.5	25.6	25.9	22.3	21.3	21.6	13.6	12.5	13.0	12.7	11.9	12.2
15	25.8	24.8	25.2	21.6	20.8	21.2	12.7	12.1	12.4	12.8	12.5	12.6
16	24.9	24.4	24.7	22.1	21.1	21.5	13.5	12.6	13.0	13.7	12.8	13.2
17	25.0	24.3	24.7	22.4	21.3	21.9	13.1	12.1	12.6	14.2	13.4	13.8
18	24.5	24.0	24.2	22.4	22.0	22.2	12.1	11.5	11.8	15.1	14.1	14.5
19	24.1	23.6	23.9	22.1	20.4	21.0	11.8	11.4	11.6	14.6	13.9	14.3
20	24.0	23.3	23.7	20.4	19.6	19.9	11.8	11.2	11.5	13.9	13.1	13.5
21	24.3	23.5	23.8	19.9	19.3	19.6	11.8	11.1	11.5	13.1	12.7	12.9
22	24.4	23.5	23.9	20.1	19.3	19.7	12.3	11.4	11.8	13.0	12.4	12.7
23	24.6	23.8	24.2	20.4	19.6	19.9	12.9	12.3	12.6	12.8	12.2	12.5
24	25.1	24.4	24.7	20.7	18.4	19.5	12.9	12.3	12.6	12.9	12.2	12.4
25	24.9	24.6	24.8	18.5	17.3	17.9	12.5	12.1	12.3	14.1	12.9	13.6
26	24.8	24.5	24.7	17.3	16.8	17.0	12.5	11.9	12.2	14.1	13.7	13.9
27	24.5	23.2	23.8	17.8	17.2	17.5	13.0	12.3	12.6	13.7	12.3	13.0
28	23.2	22.6	22.8	17.8	16.8	17.4	13.7	12.8	13.2	12.3	11.5	11.8
29	22.6	22.1	22.4	16.8	15.5	16.1	14.4	13.7	14.0	11.5	11.0	11.3
30	22.8	22.0	22.4	15.5	14.9	15.1	13.9	13.4	13.6	11.4	11.2	11.3
31	23.3	22.5	22.8	---	---	---	13.8	13.3	13.6	11.2	10.8	11.0
MONTH	26.5	22.0	24.4	24.8	14.9	21.2	16.2	11.1	13.4	17.3	10.8	13.3
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	10.6	10.7	16.6	15.1	15.8	21.2	20.2	20.7	23.3	21.9	22.6
2	11.6	10.8	11.1	17.7	16.6	17.2	21.3	20.4	20.9	23.4	22.5	22.9
3	11.9	11.3	11.7	18.8	17.7	18.2	21.6	20.8	21.3	23.0	22.2	22.7
4	12.1	11.6	11.9	19.5	18.6	19.0	22.3	21.3	21.7	22.9	22.1	22.6
5	13.9	12.1	12.9	20.8	19.4	19.9	22.0	21.5	21.8	23.9	22.4	23.2
6	14.5	13.9	14.2	22.0	20.7	21.2	22.4	21.6	21.9	24.9	23.4	24.1
7	14.2	13.3	13.8	21.5	20.9	21.1	22.7	21.7	22.1	25.5	24.7	25.0
8	13.3	12.5	12.9	21.1	20.4	20.8	23.4	22.1	22.7	26.3	25.1	25.7
9	13.2	12.4	12.7	21.2	20.2	20.6	24.2	23.1	23.5	26.6	25.9	26.2
10	13.2	12.9	13.0	20.2	19.1	19.5	24.7	23.5	24.0	26.8	26.0	26.3
11	13.7	13.0	13.3	19.7	18.4	19.1	24.5	23.9	24.2	26.7	26.1	26.4
12	13.8	13.4	13.6	20.1	19.1	19.6	23.9	22.1	23.3	26.4	25.7	26.2
13	13.4	12.9	13.2	20.0	19.5	19.8	22.1	20.4	21.1	26.0	25.4	25.7
14	12.9	12.3	12.7	19.8	19.6	19.7	20.8	19.8	20.3	26.7	26.0	26.3
15	12.4	11.6	12.0	19.8	19.6	19.6	21.1	19.6	20.3	26.7	26.0	26.3
16	12.1	11.5	11.8	20.6	19.7	20.1	21.8	20.3	21.0	26.4	25.9	26.1
17	12.4	11.6	12.0	20.8	20.0	20.5	22.1	20.9	21.4	26.4	25.8	26.1
18	12.8	11.8	12.3	21.4	20.5	21.0	22.8	21.4	22.0	26.3	25.8	26.1
19	13.2	12.2	12.8	21.7	20.9	21.2	23.6	22.0	22.6	26.8	25.8	26.3
20	14.2	13.0	13.6	22.0	21.1	21.5	23.6	22.8	23.2	27.4	26.5	26.9
21	14.8	13.9	14.4	22.2	21.5	21.8	23.9	23.2	23.5	28.6	27.3	28.0
22	15.0	14.4	14.7	21.7	20.5	20.9	24.5	23.5	23.9	29.1	28.2	28.6
23	15.6	15.0	15.4	20.5	19.5	19.9	25.0	24.0	24.5	29.2	28.4	28.8
24	16.1	15.5	15.6	19.7	19.2	19.5	25.8	24.6	25.1	29.4	28.6	28.9
25	15.8	14.9	15.5	21.0	19.4	20.1	25.7	25.1	25.4	29.8	28.7	29.2
26	14.9	14.3	14.5	21.5	19.9	20.7	25.3	24.9	25.1	30.0	29.1	29.5
27	14.8	14.1	14.4	21.6	20.3	21.0	25.2	24.4	24.8	29.5	28.9	29.2
28	14.3	13.7	14.0	21.8	20.8	21.3	25.5	24.6	25.0	29.8	28.7	29.1
29	15.1	14.0	14.5	22.4	21.6	22.0	25.3	24.4	24.8	29.9	29.0	29.4
30	---	---	---	22.4	21.6	22.0	24.8	22.2	22.8	29.7	29.2	29.4
31	---	---	---	21.6	20.8	21.2	---	---	---	29.7	29.0	29.4
MONTH	16.1	10.6	13.3	22.4	15.1	20.2	25.8	19.6	22.8	30.0	21.9	26.6

07381235 GULF INTRACOASTAL WATERWAY WEST OF BAYOU LAFOURCHE AT LAROSE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.1	29.2	29.6	29.2	28.5	28.9	31.7	31.0	31.4	31.1	30.0	30.4
2	29.8	29.2	29.5	29.6	29.1	29.3	32.1	31.3	31.6	30.8	30.3	30.5
3	29.9	29.1	29.5	30.1	29.0	29.4	32.0	31.4	31.7	30.7	30.2	30.4
4	29.9	29.3	29.6	30.5	29.2	29.8	32.4	31.3	31.9	30.6	30.0	30.2
5	29.7	29.1	29.4	31.1	29.9	30.5	32.5	31.7	32.1	30.1	29.2	29.7
6	29.8	28.9	29.3	31.2	30.7	30.9	32.1	31.4	31.7	31.0	29.7	30.3
7	30.2	29.2	29.7	30.8	30.0	30.4	31.6	30.9	31.3	31.2	30.4	30.8
8	30.6	29.7	30.1	30.0	29.5	29.8	31.3	30.6	30.9	31.0	30.3	30.7
9	30.9	29.9	30.3	29.5	28.7	29.0	31.0	30.4	30.6	30.8	30.4	30.6
10	31.3	30.2	30.7	29.4	28.7	29.1	31.7	30.7	31.1	30.5	29.8	30.2
11	31.8	30.7	31.2	30.1	29.2	29.6	32.2	31.1	31.6	30.4	30.0	30.2
12	31.9	31.0	31.4	30.1	29.4	29.7	31.4	30.1	30.8	30.2	29.7	30.0
13	31.7	31.0	31.2	29.9	29.1	29.5	30.1	29.0	29.8	30.2	29.3	29.8
14	31.0	30.0	30.5	30.5	29.6	30.0	29.3	28.7	28.9	29.9	29.1	29.4
15	30.5	29.7	30.1	31.2	30.1	30.6	28.9	28.2	28.6	29.1	27.3	28.1
16	30.5	29.9	30.2	31.2	30.6	30.9	---	---	---	28.4	27.2	27.8
17	31.4	30.1	30.7	31.3	30.6	31.0	29.5	28.4	29.0	29.5	28.0	28.7
18	31.6	30.8	31.1	31.0	30.4	30.7	30.0	28.9	29.4	30.0	29.1	29.5
19	31.1	30.6	30.8	30.8	29.9	30.4	30.6	29.4	29.8	29.7	29.2	29.4
20	31.2	30.5	30.8	30.7	30.0	30.4	30.9	29.8	30.3	29.4	28.8	29.1
21	30.9	30.0	30.5	30.8	30.2	30.6	31.2	30.3	30.7	29.0	26.9	28.1
22	30.2	29.6	29.9	31.7	30.5	31.0	31.4	30.4	30.9	27.1	25.6	26.4
23	30.5	29.7	30.0	31.6	30.9	31.2	31.7	30.7	31.2	26.4	25.0	25.6
24	30.3	29.9	30.2	31.3	30.5	30.9	32.0	31.0	31.5	26.8	25.8	26.3
25	29.9	29.4	29.6	31.6	30.9	31.2	32.0	31.5	31.7	27.2	26.6	26.9
26	29.4	28.8	29.0	31.4	30.7	31.0	32.2	31.4	31.7	27.3	26.6	26.9
27	29.7	28.5	29.1	30.9	30.1	30.5	32.4	31.7	32.0	27.5	26.5	27.0
28	29.7	29.2	29.4	31.3	30.2	30.7	32.2	31.5	31.9	27.9	27.2	27.5
29	29.6	28.9	29.2	31.4	30.6	30.9	31.6	31.0	31.3	27.9	27.1	27.5
30	29.3	28.8	29.0	31.2	30.5	30.9	31.1	30.4	30.7	27.7	27.3	27.5
31	---	---	---	31.7	31.0	31.3	30.7	30.0	30.3	---	---	---
MONTH	31.9	28.5	30.1	31.7	28.5	30.3	---	---	---	31.2	25.0	28.9

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 Falgout Canal Road and Highway 57, 0.8 mi south of Dulac, 16.4 mi south of Houma.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1984 to September 30, 1988 (daily discharges below 6.0 ft stage only, discontinued); January 1989 to September 1998, October 1999 to current year.

GAGE.--Water-stage recorder and acoustic flowmeter. Datum of gage is 0.357 feet above NAVD 88. Prior to October 1, 2003 datum of gage was 0.00 feet NGVD of 1929. Prior to July 9, 1996 datum of gage was 4.00 ft above NGVD of 1929. Prior to Oct. 1, 1985, datum of gage was 6.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharge. Records poor. Site affected by tide, wind, and boat traffic. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge recorded, 2,640 ft³/s, Oct. 13, 1984; maximum gage height, 8.89 ft, Oct. 28, 1985; maximum negative discharge, -1,960 ft³/s, Sept. 11, 1998; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 699 ft³/s, Nov. 27; maximum gage height, 2.00 ft, Sept. 23; maximum negative discharge, -607 ft³/s, Sept. 23; minimum recorded gage height, -0.88 ft, but may have been lower during the period Jan. 6 - Feb. 26 due to silting of the stilling well.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	15	150	106	147	36	59	300	100	97	-27	33
2	104	46	94	78	117	154	96	397	145	140	78	27
3	40	86	37	61	226	144	111	177	159	134	71	-17
4	6.2	79	122	32	101	24	104	105	145	116	40	-20
5	50	27	224	230	73	49	19	79	104	113	116	8.0
6	68	109	138	---	310	272	-55	58	81	144	137	70
7	7.5	128	32	---	---	260	183	77	54	114	16	110
8	34	62	124	---	---	165	141	65	56	89	-53	51
9	-24	127	71	---	---	108	60	-2.5	71	121	-13	-28
10	-94	62	336	---	116	7.5	72	9.7	93	141	72	26
11	257	25	90	---	186	47	47	-11	143	101	70	-59
12	118	84	96	---	364	33	170	-40	82	161	83	-152
13	23	199	276	---	---	25	187	-15	29	121	61	-106
14	159	63	205	68	---	33	63	96	97	91	6.6	-107
15	203	41	18	134	---	37	37	209	73	78	-7.0	-24
16	99	47	228	---	---	67	68	84	54	91	-20	-199
17	129	-5.1	213	28	---	91	98	113	123	79	2.4	78
18	154	22	48	151	---	143	46	153	105	172	7.9	156
19	52	405	72	182	---	142	58	134	72	72	-9.2	43
20	44	90	25	---	---	146	16	121	70	66	42	-95
21	85	161	129	---	---	137	-24	137	101	134	95	-93
22	142	27	93	---	44	-18	-54	67	73	77	96	-116
23	-22	22	215	---	-16	-195	24	40	103	116	97	-206
24	11	250	134	-27	-70	-104	49	113	114	66	87	-7.9
25	1.6	58	128	117	147	-97	131	140	170	72	80	207
26	104	39	140	82	---	81	376	122	231	108	78	140
27	133	71	83	---	80	99	119	125	115	104	43	100
28	95	381	72	---	34	129	49	77	132	87	33	144
29	74	304	177	---	67	186	33	53	114	55	38	33
30	45	161	184	---	---	166	150	-132	92	24	38	13
31	93	---	103	---	---	205	---	111	---	5.6	23	---
TOTAL	2,299.3	3,185.9	4,057	---	---	2,572.5	2,433	2,962.2	3,101	3,089.6	1,381.7	9.1

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.81	0.96	0.10	0.50	0.46	0.51	0.18	0.91	1.08	0.78	0.80	0.30
2	0.83	0.99	0.09	0.50	0.54	0.62	0.19	0.51	1.13	0.79	0.70	0.32
3	0.88	0.88	0.37	0.47	0.39	0.61	0.16	0.33	0.99	0.78	0.58	0.48
4	0.94	0.86	0.41	0.55	0.46	0.85	0.16	0.33	0.79	0.74	0.45	0.61
5	0.92	0.89	0.21	0.45	0.98	1.07	0.26	0.40	0.62	0.72	0.24	0.60
6	0.86	0.85	-0.07	---	0.75	0.93	0.51	0.45	0.57	0.62	0.08	0.42
7	0.97	0.61	0.04	---	---	0.36	0.64	0.48	0.66	0.49	0.20	0.18
8	1.00	0.65	0.27	---	---	-0.07	0.43	0.48	0.73	0.52	0.52	0.07
9	1.09	0.60	0.58	---	---	-0.19	0.36	0.56	0.74	0.68	0.51	0.36
10	1.51	0.74	0.35	---	0.15	-0.24	0.41	0.74	0.78	0.59	0.52	0.27
11	1.17	0.83	0.18	---	0.58	-0.11	0.56	0.97	0.74	0.62	0.55	0.44
12	1.06	0.85	0.45	---	0.33	-0.03	0.47	1.23	0.68	0.46	0.52	0.74
13	1.16	0.70	0.69	---	---	0.14	-0.22	1.34	0.83	0.39	0.18	0.88
14	1.07	0.65	0.42	0.25	---	0.23	-0.54	1.38	0.92	0.37	0.18	1.18
15	0.82	0.81	0.58	0.23	---	0.31	-0.42	1.32	0.96	0.44	0.26	1.24
16	0.86	0.91	0.55	---	---	0.36	-0.22	1.21	1.09	0.40	0.34	1.30
17	0.78	1.03	-0.03	0.72	---	0.41	-0.04	1.19	0.95	0.31	0.34	1.13
18	0.61	1.36	-0.13	0.66	---	0.52	0.12	1.20	0.78	0.22	0.44	0.99
19	0.76	0.58	-0.16	0.34	---	0.46	0.23	1.15	0.64	0.30	0.57	0.98
20	0.83	0.45	-0.07	---	---	0.47	0.34	1.06	0.56	0.34	0.60	1.15
21	0.77	0.59	0.14	---	---	0.23	0.57	0.87	0.58	0.38	0.46	1.25
22	0.49	0.53	0.28	---	0.45	0.07	0.91	0.89	0.68	0.31	0.43	1.35
23	0.56	0.84	0.35	---	0.68	0.52	0.86	1.03	0.69	0.20	0.48	1.68
24	0.71	0.49	0.12	0.31	0.92	0.61	0.85	1.08	0.71	0.28	0.54	1.56
25	0.86	0.49	0.25	0.59	0.71	0.91	0.83	0.98	0.77	0.27	0.52	1.18
26	0.82	0.74	0.28	0.59	---	0.82	0.67	0.83	0.56	0.24	0.48	0.90
27	0.53	1.06	0.33	---	0.01	0.75	0.29	0.72	0.68	0.33	0.51	0.77
28	0.65	0.56	0.49	---	0.10	0.79	0.43	0.65	0.63	0.41	0.51	0.39
29	0.77	0.22	0.77	---	0.35	0.69	0.73	0.70	0.68	0.49	0.53	0.28
30	0.98	0.25	0.39	---	---	0.50	0.92	1.24	0.76	0.57	0.50	0.41
31	0.85	---	0.53	---	---	0.23	---	1.26	---	0.68	0.42	---
MAX	1.51	1.36	0.77	---	---	1.07	0.92	1.38	1.13	0.79	0.80	1.68
MIN	0.49	0.22	-0.16	---	---	-0.24	-0.54	0.33	0.56	0.20	0.08	0.07

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 2002 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: October 2002 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records rated excellent except for July 3-8, and Aug. 10-31 when records good, Oct. 1-7, and July 9-12 when records fair, July 13-23 when records poor.

SALINITY: Records rated excellent except for July 3-8, and Aug. 10-31 when records good, Oct. 1-7, and July 9-12 when records fair, July 13-23 when records poor.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 36,000 microsiemens/cm, Nov. 18, 2003; minimum, 293 microsiemens/cm, May 30, 2004.

SALINITY: Maximum, 22.7 ppt, Nov. 18, 2003; minimum, 0.1 ppt, May 30, 2004.

WATER TEMPERATURE: Maximum, 33.1° C, Aug. 4, 2004; minimum, 6.5° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 36,000 microsiemens/cm, Nov. 18; minimum, 293 microsiemens/cm, May 30.

SALINITY: Maximum, 22.7 ppt, Nov. 18; minimum, 0.1 ppt, May 30.

WATER TEMPERATURE: Maximum, 33.1° C, Aug. 4; minimum, 9.0° C, Jan. 7.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	17,100	8,720	12,100	24,400	17,900	20,400	15,500	10,100	12,400	9,760	7,410	8,460
2	20,300	9,400	14,400	26,400	17,900	21,900	14,000	9,110	11,300	10,200	7,920	9,010
3	23,000	10,400	16,600	19,900	17,300	18,500	14,900	9,110	12,500	9,950	4,360	7,700
4	22,100	12,300	18,600	18,200	16,500	17,400	14,800	9,950	12,800	8,480	4,210	6,750
5	22,800	14,700	19,000	18,500	16,400	17,100	13,200	10,700	11,900	12,800	5,100	7,240
6	18,100	15,100	16,500	19,500	16,500	17,800	14,100	8,750	10,700	12,400	4,500	7,200
7	21,800	14,100	16,700	17,700	14,500	16,000	10,300	4,340	8,720	11,000	5,150	7,580
8	19,000	16,300	17,400	19,200	13,600	15,000	20,500	8,470	13,300	23,200	8,600	15,600
9	20,400	15,500	16,800	25,800	15,500	18,900	24,000	13,000	19,400	22,900	12,800	17,800
10	29,000	19,400	26,400	25,600	15,800	19,300	26,700	15,500	20,700	14,000	7,710	10,800
11	27,800	15,800	21,000	31,400	19,100	25,400	18,800	7,920	14,700	13,700	6,880	9,910
12	15,800	12,300	14,100	29,000	20,300	25,000	20,100	7,070	13,800	10,100	7,800	8,750
13	22,200	12,600	16,500	26,500	18,400	21,900	20,100	9,800	15,500	8,880	7,100	7,900
14	19,600	12,400	15,100	18,800	17,300	17,900	15,100	7,870	11,200	8,470	7,080	7,690
15	13,500	11,000	12,400	34,500	17,400	28,000	10,800	5,370	7,970	9,640	7,460	8,490
16	20,100	10,100	13,900	31,600	21,700	28,400	17,700	5,370	11,200	19,900	7,120	9,750
17	14,500	9,880	11,800	30,900	24,400	28,600	13,900	5,970	9,020	28,400	12,200	19,800
18	12,300	8,860	10,700	36,000	26,000	33,300	7,480	4,990	6,120	31,100	16,200	24,300
19	20,600	7,930	14,300	34,400	21,000	26,700	9,680	4,410	6,340	17,400	9,270	12,900
20	22,400	12,100	17,800	21,000	17,500	19,700	11,100	3,800	6,540	14,300	7,310	9,940
21	17,900	14,900	16,100	23,000	17,300	19,500	19,000	7,820	12,200	12,800	7,420	9,720
22	15,400	10,900	13,500	19,400	13,500	17,100	19,300	9,580	13,400	12,300	6,870	9,330
23	12,300	7,650	9,620	28,700	14,600	22,300	23,700	10,200	16,500	9,610	7,030	8,130
24	16,300	7,620	10,700	26,100	17,200	19,900	12,900	6,220	9,510	7,940	2,530	6,390
25	22,700	13,800	17,500	19,100	12,600	16,500	15,100	5,060	9,310	17,200	2,120	12,200
26	24,300	14,200	19,100	31,400	13,200	23,400	15,900	6,010	10,600	12,200	8,360	9,150
27	14,800	11,500	12,900	31,300	19,400	27,100	12,400	6,940	9,220	9,090	5,780	7,130
28	19,800	10,400	14,800	26,700	15,100	19,100	16,800	6,320	10,800	11,300	5,570	7,970
29	24,900	12,900	18,000	19,000	13,700	16,600	24,200	8,510	18,400	7,580	4,480	6,060
30	30,400	16,900	23,300	17,500	10,600	12,400	16,500	8,160	11,200	4,960	2,920	4,100
31	25,700	17,700	21,900	---	---	---	9,000	6,820	7,880	10,500	4,390	6,240
MONTH	30,400	7,620	16,100	36,000	10,600	21,000	26,700	3,800	11,800	31,100	2,120	9,810

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	21,700	5,390	9,620	11,700	3,130	5,660	12,200	8,340	10,500	11,400	2,290	7,170
2	25,500	13,100	18,700	17,200	5,050	9,120	9,260	5,860	7,270	4,490	1,510	2,170
3	22,600	8,940	16,400	6,290	4,230	5,110	7,460	5,470	6,380	9,980	1,780	4,940
4	12,900	6,750	9,400	9,410	3,060	4,470	6,220	4,210	5,090	9,770	1,760	5,980
5	28,700	8,340	20,100	19,200	4,780	13,600	4,660	1,390	2,770	5,990	2,130	3,680
6	25,800	14,700	20,200	18,000	8,370	13,800	11,700	1,360	5,910	5,340	1,480	3,240
7	15,900	5,620	10,500	12,200	4,450	9,430	8,520	3,960	5,620	4,350	1,010	2,630
8	14,300	10,100	13,100	10,800	3,500	8,530	6,460	3,250	4,740	4,130	965	2,540
9	10,100	5,980	7,410	10,100	3,120	6,550	8,680	1,830	5,070	11,700	1,150	3,580
10	7,400	5,530	6,340	8,100	3,080	5,350	7,130	2,710	5,020	13,900	3,380	6,870
11	18,500	4,280	7,760	4,320	1,520	2,980	11,800	2,860	4,700	17,100	8,240	12,400
12	18,000	3,060	5,850	5,490	1,210	3,430	14,200	2,980	7,730	21,000	13,100	17,200
13	9,540	2,540	4,950	6,060	1,440	3,250	7,980	1,390	3,710	21,100	15,700	17,800
14	7,370	2,790	4,470	10,700	2,330	4,280	10,100	2,460	6,520	18,000	14,200	15,900
15	6,040	2,700	3,720	11,700	3,360	6,080	8,190	3,440	5,640	14,300	10,200	12,700
16	7,410	2,100	4,600	15,000	5,150	8,590	5,470	1,660	3,740	11,000	8,450	10,300
17	---	---	---	7,330	4,920	6,090	2,350	1,050	1,950	10,900	7,440	9,150
18	---	---	---	11,200	5,580	7,740	2,530	1,070	1,760	11,100	6,920	8,500
19	4,410	848	3,030	6,200	4,510	5,160	2,770	844	1,860	9,900	5,610	7,310
20	7,080	784	2,630	6,000	4,040	4,550	3,650	1,880	2,410	9,340	4,530	6,600
21	4,480	2,130	2,990	5,740	3,080	4,490	14,100	2,360	6,100	9,440	2,990	6,030
22	5,400	1,380	2,840	7,630	3,080	5,420	20,500	10,900	15,500	8,510	2,120	4,760
23	5,960	2,370	4,020	24,100	3,400	13,900	17,700	12,500	14,400	7,500	929	3,480
24	19,100	4,050	11,900	22,900	12,800	16,300	18,500	10,700	13,900	6,260	1,770	3,470
25	10,100	5,410	7,500	25,100	11,900	18,200	15,000	11,000	13,000	5,240	2,820	3,610
26	5,410	2,330	3,650	23,100	13,800	16,500	12,100	6,360	9,020	5,420	2,080	3,470
27	6,970	2,010	4,200	14,800	12,700	14,200	12,700	3,330	7,480	4,790	1,760	3,160
28	6,910	2,930	4,880	14,600	13,100	14,000	12,000	5,480	8,540	6,110	1,340	3,370
29	7,980	2,280	3,980	14,600	10,900	13,200	11,500	7,520	9,140	3,640	1,020	2,150
30	---	---	---	12,900	6,720	9,690	12,000	6,340	9,730	18,000	293	7,490
31	---	---	---	11,600	4,310	7,490	---	---	---	15,700	6,410	11,600
MONTH	---	---	---	25,100	1,210	8,620	20,500	844	6,840	21,100	293	6,880
JUNE				JULY			AUGUST			SEPTEMBER		
1	10,300	3,880	7,340	1,980	444	998	11,100	3,490	5,920	7,260	5,450	6,080
2	8,340	2,600	4,840	2,210	804	1,290	5,850	3,790	4,400	5,900	2,800	4,420
3	4,650	1,390	3,260	2,020	630	1,160	4,010	2,390	3,320	12,000	3,460	8,100
4	6,210	1,330	3,480	2,370	791	1,340	3,890	1,660	3,120	20,600	8,310	13,700
5	6,530	1,180	3,780	2,460	770	1,350	3,510	957	1,850	18,900	9,560	13,000
6	6,420	1,360	3,720	1,910	714	1,190	2,790	921	1,400	10,300	7,230	9,110
7	4,370	1,100	2,690	3,060	755	1,580	4,120	1,430	2,620	9,090	6,400	7,780
8	3,460	656	1,950	1,750	875	1,170	13,400	1,380	8,380	8,950	5,850	7,340
9	3,950	930	2,510	1,060	457	777	14,000	5,780	10,000	17,900	3,980	10,700
10	2,690	1,350	1,830	2,040	814	1,320	11,800	7,420	9,520	10,700	8,230	9,610
11	1,870	966	1,450	3,420	1,080	1,900	9,940	6,770	8,210	17,900	7,550	12,000
12	3,190	771	1,870	2,220	803	1,430	8,130	5,840	7,230	22,800	10,800	17,600
13	3,440	426	1,420	3,500	857	1,690	7,010	4,590	6,150	23,600	16,200	20,000
14	1,580	410	1,030	3,120	909	1,590	8,360	2,540	5,500	27,300	17,000	22,600
15	3,380	1,220	2,100	2,150	602	1,170	12,200	3,880	6,810	27,300	21,000	23,000
16	5,310	760	2,060	1,940	626	1,160	15,100	5,880	9,150	30,900	20,600	26,100
17	3,280	1,450	2,240	1,760	979	1,220	11,900	7,970	9,280	29,700	23,100	26,100
18	4,270	1,340	2,720	1,210	1,020	1,080	10,700	8,700	9,680	25,400	19,600	22,600
19	4,780	1,100	3,010	1,860	663	1,120	12,100	9,770	11,300	22,800	18,600	20,600
20	6,260	1,310	3,600	1,600	702	1,060	15,900	11,900	13,100	27,900	18,500	23,400
21	4,810	1,870	3,410	1,100	894	1,010	12,000	9,440	10,800	29,400	19,500	24,800
22	3,370	1,130	2,170	1,320	1,040	1,150	11,900	8,650	9,790	31,700	20,700	27,200
23	2,560	1,590	1,880	1,390	1,100	1,170	10,300	7,160	8,310	35,800	21,100	29,600
24	2,750	1,140	1,860	---	---	---	8,830	4,520	6,600	30,000	22,500	26,800
25	1,530	922	1,040	---	---	---	8,900	4,860	6,880	25,700	22,900	24,000
26	1,070	707	855	---	---	---	7,380	4,340	6,460	22,900	19,400	20,900
27	2,610	738	1,480	---	---	---	10,900	4,000	7,200	19,400	17,200	18,500
28	1,830	796	1,100	---	---	---	11,200	4,980	7,540	18,500	17,000	17,600
29	2,120	683	1,210	1,910	1,540	1,190	9,410	5,900	7,450	17,000	15,200	16,300
30	1,990	406	1,060	9,830	1,540	4,540	8,160	4,520	6,800	16,000	13,700	14,800
31	---	---	---	11,900	1,990	4,970	7,580	5,870	6,670	---	---	---
MONTH	10,300	406	2,430	---	---	---	15,900	921	7,140	35,800	2,800	17,500

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.1	4.9	6.9	14.8	10.5	12.2	9.0	5.7	7.1	5.5	4.1	4.7
2	12.1	5.3	8.4	16.1	10.5	13.2	8.1	5.1	6.4	5.8	4.4	5.0
3	13.9	5.9	9.8	11.8	10.2	10.9	8.7	5.1	7.2	5.6	2.3	4.2
4	13.3	7.0	11.0	10.7	9.7	10.2	8.6	5.6	7.3	4.7	2.2	3.7
5	13.7	8.6	11.3	10.9	9.6	10.0	7.6	6.1	6.8	7.4	2.7	4.0
6	10.7	8.8	9.6	11.6	9.7	10.5	8.1	4.9	6.1	7.1	2.4	4.0
7	13.1	8.1	9.8	10.4	8.4	9.3	5.8	2.3	4.9	6.2	2.8	4.2
8	11.3	9.5	10.2	11.4	7.8	8.7	12.2	4.7	7.7	14.0	4.8	9.1
9	12.1	9.0	9.8	15.8	9.0	11.2	14.5	7.5	11.5	13.8	7.4	10.5
10	17.9	11.5	16.2	15.6	9.2	11.5	16.3	9.0	12.4	8.1	4.3	6.1
11	17.1	9.2	12.6	19.5	11.4	15.5	11.1	4.4	8.6	7.9	3.8	5.6
12	9.2	7.0	8.1	17.9	12.1	15.2	12.0	3.9	8.0	5.7	4.3	4.9
13	13.3	7.2	9.7	16.2	10.9	13.2	12.0	5.5	9.0	4.9	3.9	4.4
14	11.7	7.1	8.8	11.1	10.2	10.6	8.8	4.3	6.4	4.7	3.9	4.2
15	7.8	6.2	7.1	21.7	10.2	17.2	6.1	2.9	4.4	5.4	4.1	4.7
16	12.0	5.7	8.0	19.6	13.0	17.5	10.4	2.9	6.4	11.8	3.9	5.5
17	8.4	5.5	6.7	19.2	14.8	17.6	8.0	3.2	5.1	17.5	7.0	11.8
18	7.0	4.9	6.0	22.7	15.9	20.8	4.1	2.7	3.3	19.3	9.4	14.8
19	12.3	4.4	8.3	21.6	12.6	16.4	5.4	2.3	3.5	10.2	5.2	7.4
20	13.5	6.9	10.5	12.6	10.3	11.7	6.3	2.0	3.6	8.3	4.0	5.6
21	10.5	8.7	9.4	13.9	10.2	11.6	11.3	4.3	7.0	7.4	4.1	5.5
22	9.0	6.2	7.8	11.5	7.8	10.1	11.5	5.4	7.7	7.0	3.8	5.2
23	7.0	4.2	5.4	17.7	8.5	13.5	14.4	5.8	9.7	5.4	3.9	4.5
24	9.5	4.2	6.1	15.9	10.1	11.8	7.4	3.4	5.3	4.4	1.3	3.5
25	13.7	7.9	10.3	11.4	7.2	9.7	8.8	2.7	5.2	10.1	1.1	7.0
26	14.7	8.2	11.4	19.5	7.6	14.2	9.3	3.3	6.0	7.0	4.6	5.1
27	8.6	6.5	7.4	19.4	11.5	16.6	7.1	3.8	5.2	5.1	3.1	3.9
28	11.8	5.9	8.6	16.3	8.8	11.3	9.9	3.4	6.1	6.4	3.0	4.4
29	15.1	7.4	10.7	11.3	7.9	9.7	14.7	4.7	10.9	4.2	2.4	3.3
30	18.9	9.9	14.1	10.3	6.0	7.1	9.7	4.5	6.3	2.7	1.5	2.2
31	15.7	10.4	13.2	---	---	---	5.0	3.7	4.4	6.0	2.3	3.4
MONTH	18.9	4.2	9.5	22.7	6.0	12.6	16.3	2.0	6.8	19.3	1.1	5.6
FEBRUARY			MARCH			APRIL			MAY			
1	13.0	2.9	5.4	6.6	1.6	3.1	7.0	4.6	5.9	6.5	1.2	4.0
2	15.5	7.5	11.1	10.1	2.7	5.1	5.2	3.2	4.0	2.4	0.8	1.1
3	13.6	5.0	9.6	3.4	2.2	2.7	4.1	2.9	3.5	5.6	0.9	2.7
4	7.4	3.7	5.3	5.3	1.6	2.4	3.4	2.2	2.7	5.5	0.9	3.3
5	17.7	4.6	12.0	11.4	2.6	7.9	2.5	0.7	1.4	3.2	1.1	1.9
6	15.8	8.6	12.1	10.6	4.6	8.0	6.6	0.7	3.3	2.9	0.7	1.7
7	9.3	3.0	5.9	7.0	2.4	5.3	4.7	2.1	3.0	2.3	0.5	1.4
8	8.3	5.7	7.5	6.1	1.8	4.8	3.5	1.7	2.5	2.2	0.5	1.3
9	5.7	3.2	4.1	5.7	1.6	3.6	4.8	0.9	2.7	6.6	0.6	1.9
10	4.1	3.0	3.5	4.5	1.6	2.9	3.9	1.4	2.7	8.0	1.8	3.8
11	10.9	2.3	4.3	2.3	0.8	1.5	6.7	1.5	2.5	10.1	4.6	7.1
12	10.6	1.6	3.2	3.0	0.6	1.8	8.2	1.5	4.3	12.6	7.5	10.1
13	5.3	1.3	2.7	3.3	0.7	1.7	4.4	0.7	2.0	12.6	9.1	10.5
14	4.1	1.4	2.4	6.1	1.2	2.3	5.7	1.3	3.6	10.6	8.2	9.3
15	3.3	1.4	2.0	6.6	1.8	3.3	4.5	1.8	3.1	8.3	5.8	7.3
16	4.1	1.1	2.5	8.7	2.8	4.8	2.9	0.8	2.0	6.2	4.7	5.8
17	---	---	---	4.0	2.6	3.3	1.2	0.5	1.0	6.2	4.1	5.1
18	---	---	---	6.3	3.0	4.3	1.3	0.5	0.9	6.3	3.8	4.7
19	2.3	0.4	1.6	3.4	2.4	2.8	1.4	0.4	0.9	5.6	3.0	4.0
20	3.9	0.4	1.4	3.3	2.1	2.4	1.9	1.0	1.2	5.2	2.4	3.6
21	2.4	1.1	1.6	3.1	1.6	2.4	8.1	1.2	3.4	5.3	1.6	3.3
22	2.9	0.7	1.5	4.2	1.6	2.9	12.2	6.2	9.0	4.7	1.1	2.6
23	3.2	1.2	2.1	14.6	1.8	8.2	10.4	7.2	8.4	4.1	0.5	1.8
24	11.4	2.1	6.8	13.8	7.4	9.5	10.9	6.1	8.0	3.4	0.9	1.8
25	5.7	2.9	4.1	15.3	6.8	10.8	8.7	6.2	7.5	2.8	1.5	1.9
26	2.9	1.2	1.9	13.9	7.9	9.7	6.9	3.5	5.0	2.9	1.1	1.8
27	3.8	1.0	2.2	8.6	7.3	8.2	7.3	1.7	4.1	2.6	0.9	1.7
28	3.8	1.5	2.6	8.5	7.5	8.1	6.8	2.9	4.8	3.3	0.7	1.8
29	4.4	1.2	2.1	8.5	6.2	7.6	6.5	4.1	5.1	1.9	0.5	1.1
30	---	---	---	7.4	3.7	5.4	6.8	3.4	5.5	10.6	0.1	4.3
31	---	---	---	6.6	2.3	4.1	---	---	---	9.1	3.5	6.6
MONTH	---	---	---	15.3	0.6	4.9	12.2	0.4	3.8	12.6	0.1	3.8

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.8	2.0	4.0	1.0	0.2	0.5	6.3	1.8	3.2	4.0	2.9	3.3
2	4.6	1.3	2.6	1.1	0.4	0.6	3.2	2.0	2.3	3.2	1.4	2.4
3	2.5	0.7	1.7	1.0	0.3	0.6	2.1	1.2	1.7	6.8	1.8	4.5
4	3.4	0.7	1.8	1.2	0.4	0.7	2.1	0.8	1.6	12.3	4.6	7.9
5	3.6	0.6	2.0	1.3	0.4	0.7	1.8	0.5	0.9	11.2	5.4	7.5
6	3.5	0.7	2.0	1.0	0.4	0.6	1.4	0.5	0.7	5.8	4.0	5.1
7	2.3	0.5	1.4	1.6	0.4	0.8	2.2	0.7	1.4	5.1	3.5	4.3
8	1.8	0.3	1.0	0.9	0.4	0.6	7.7	0.7	4.7	5.0	3.2	4.0
9	2.1	0.5	1.3	0.5	0.2	0.4	8.1	3.1	5.7	10.5	2.1	6.1
10	1.4	0.7	0.9	1.0	0.4	0.7	6.7	4.1	5.3	6.1	4.6	5.4
11	0.9	0.5	0.7	1.8	0.5	1.0	5.6	3.7	4.5	10.5	4.2	6.8
12	1.7	0.4	0.9	1.1	0.4	0.7	4.5	3.2	4.0	13.7	6.1	10.4
13	1.8	0.2	0.7	1.8	0.4	0.9	3.8	2.4	3.3	14.3	9.4	11.9
14	0.8	0.2	0.5	1.6	0.4	0.8	4.6	1.3	3.0	16.7	10.0	13.6
15	1.8	0.6	1.1	1.1	0.3	0.6	7.0	2.0	3.7	16.7	12.6	13.9
16	2.9	0.4	1.1	1.0	0.3	0.6	8.8	3.2	5.1	19.2	12.3	16.0
17	1.7	0.7	1.1	0.9	0.5	0.6	6.8	4.4	5.2	18.4	13.9	15.9
18	2.3	0.7	1.4	0.6	0.5	0.5	6.1	4.8	5.4	15.5	11.7	13.6
19	2.6	0.5	1.6	0.9	0.3	0.6	6.9	5.5	6.4	13.7	11.0	12.3
20	3.4	0.7	1.9	0.8	0.3	0.5	9.3	6.8	7.5	17.2	10.9	14.1
21	2.6	0.9	1.8	0.5	0.4	0.5	6.8	5.3	6.1	18.1	11.6	15.1
22	1.8	0.6	1.1	0.7	0.5	0.6	6.8	4.8	5.5	19.7	12.4	16.7
23	1.3	0.8	1.0	0.7	0.5	0.6	5.8	3.9	4.6	22.5	12.6	18.3
24	1.4	0.6	0.9	---	---	---	4.9	2.4	3.6	18.6	13.5	16.4
25	0.8	0.5	0.5	---	---	---	5.0	2.6	3.8	15.7	13.8	14.6
26	0.5	0.3	0.4	---	---	---	4.1	2.3	3.5	13.8	11.5	12.5
27	1.3	0.4	0.7	---	---	---	6.2	2.1	4.0	11.5	10.1	10.9
28	0.9	0.4	0.5	---	---	---	6.3	2.7	4.2	10.9	10.0	10.4
29	1.1	0.3	0.6	5.5	0.8	2.4	5.3	3.2	4.1	10.0	8.9	9.5
30	1.0	0.2	0.5	5.5	0.8	2.4	4.5	2.4	3.7	9.3	7.9	8.6
31	---	---	---	6.8	1.0	2.7	4.2	3.2	3.6	---	---	---
MONTH	5.8	0.2	1.3	---	---	---	9.3	0.5	3.9	22.5	1.4	10.4

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.8	21.7	22.7	24.8	23.3	24.0	16.6	14.5	15.2	15.5	13.7	14.3
2	23.1	21.4	22.3	25.0	24.0	24.6	16.1	14.4	15.1	17.1	14.6	15.5
3	22.9	20.8	21.7	25.2	24.5	24.9	16.0	14.9	15.3	18.4	16.1	16.7
4	23.7	21.8	22.7	25.5	24.6	25.1	16.9	15.4	15.9	19.5	17.1	17.8
5	24.8	23.3	24.1	25.5	24.7	25.0	16.5	15.6	16.1	19.0	17.6	18.4
6	26.1	24.5	25.6	25.5	24.8	25.1	15.6	11.8	13.7	18.3	12.1	15.1
7	26.3	25.6	26.0	25.1	24.2	24.8	13.0	12.0	12.7	12.2	9.0	10.9
8	27.5	26.0	26.6	24.3	22.6	23.4	13.9	12.5	12.9	11.1	9.7	10.1
9	28.1	26.6	27.2	23.6	22.2	23.1	15.1	12.8	13.7	12.6	9.8	10.9
10	27.2	26.2	26.5	23.8	22.2	22.8	14.8	13.0	14.3	12.4	10.6	11.3
11	26.5	26.2	26.4	24.5	22.4	23.2	13.6	12.2	13.0	12.1	10.6	11.0
12	26.2	25.4	25.7	24.9	23.0	23.7	13.9	12.6	13.1	13.2	10.9	11.7
13	27.1	25.2	25.8	24.7	20.7	23.5	13.9	13.0	13.4	14.0	12.2	12.7
14	27.0	25.7	26.3	21.1	18.4	19.9	13.9	12.9	13.4	13.2	12.5	12.8
15	26.6	23.4	25.1	20.7	18.5	19.4	14.1	12.7	13.1	13.8	12.4	13.2
16	24.9	23.2	24.1	22.3	19.3	20.1	14.6	13.1	13.8	14.8	13.4	14.0
17	25.4	23.9	24.5	23.4	20.7	21.6	14.1	11.2	12.4	16.0	14.0	15.0
18	25.3	22.9	24.2	23.4	22.3	22.7	13.4	11.2	12.2	16.1	15.6	15.9
19	23.9	22.6	23.1	22.6	19.4	20.9	13.4	11.0	12.1	15.9	13.6	15.2
20	23.9	22.4	23.2	19.4	17.2	18.1	11.9	10.4	11.1	14.5	11.3	12.8
21	24.3	23.4	23.9	19.0	18.1	18.6	12.2	11.1	11.5	13.2	11.5	12.3
22	24.7	24.2	24.5	20.5	18.8	19.3	14.1	11.6	12.5	14.0	11.9	12.7
23	24.9	23.6	24.4	21.7	19.5	20.5	14.3	12.9	13.7	14.6	12.4	13.1
24	25.8	24.6	25.0	20.7	16.0	18.7	14.1	12.8	13.5	14.8	13.2	13.9
25	25.8	24.7	25.0	16.8	15.1	15.9	13.2	12.0	12.8	15.9	13.5	14.7
26	25.1	24.4	25.0	16.3	14.8	15.4	14.0	11.9	12.7	15.6	14.7	15.0
27	24.4	20.0	22.6	19.1	15.6	16.9	15.1	12.6	13.6	15.1	13.7	14.5
28	21.7	20.4	21.1	18.7	15.6	17.5	16.2	13.3	14.2	13.7	9.8	11.3
29	22.0	20.1	21.0	15.6	13.9	14.7	15.8	14.7	15.3	11.7	9.4	10.7
30	23.2	20.6	21.6	14.9	13.5	14.2	15.4	13.9	14.5	11.5	10.4	11.1
31	24.4	22.2	23.0	---	---	---	14.1	13.3	13.7	12.0	11.3	11.7
MONTH	28.1	20.0	24.2	25.5	13.5	20.9	16.9	10.4	13.6	19.5	9.0	13.4
FEBRUARY			MARCH			APRIL			MAY			
1	11.6	11.2	11.3	17.0	15.1	16.0	22.4	18.9	20.7	24.1	22.7	23.1
2	12.1	11.5	11.7	19.1	16.9	17.6	22.9	20.1	21.2	23.9	22.8	23.2
3	12.4	11.3	11.9	21.1	18.0	19.1	23.0	21.3	22.0	23.7	21.5	22.6
4	11.9	11.1	11.4	21.4	19.6	20.2	23.9	21.8	22.6	24.1	21.7	22.8
5	15.6	11.6	13.2	22.0	20.4	21.4	23.9	21.3	22.4	25.5	22.8	23.8
6	15.7	14.8	15.3	24.0	21.9	22.4	22.5	20.9	22.0	25.8	23.5	24.4
7	15.7	13.7	14.7	24.1	23.2	23.6	23.2	21.5	22.1	26.0	24.2	25.1
8	13.7	10.5	12.2	23.5	21.2	22.0	24.9	22.6	23.6	26.4	25.1	25.8
9	12.9	10.7	11.6	22.0	20.7	21.3	24.4	23.2	24.0	26.6	25.7	26.2
10	13.7	12.4	13.2	20.7	16.0	18.5	25.2	23.9	24.6	26.8	26.0	26.4
11	14.0	13.1	13.6	19.7	17.1	18.5	25.2	23.6	24.3	26.9	26.4	26.7
12	14.9	13.2	14.4	19.8	17.6	19.0	24.2	22.0	23.2	27.2	26.3	26.7
13	14.1	11.6	12.8	19.6	18.6	19.2	22.0	18.8	20.3	27.1	26.1	26.6
14	12.5	11.2	11.9	19.8	19.3	19.5	19.6	18.1	18.9	27.7	26.3	26.8
15	11.7	10.5	11.0	19.9	19.4	19.7	20.4	18.4	19.2	27.1	26.5	26.8
16	11.4	10.3	10.9	21.6	19.8	20.4	21.9	19.5	20.2	27.7	25.4	26.6
17	---	---	---	21.3	20.2	20.6	22.8	20.4	21.1	28.6	26.6	27.4
18	---	---	---	22.2	20.4	21.0	24.2	21.5	23.1	28.7	26.9	27.7
19	14.2	12.0	13.0	24.0	20.9	21.9	24.8	23.1	23.8	29.4	27.0	28.0
20	15.4	12.8	14.0	24.3	22.1	23.1	24.7	22.9	23.7	29.7	27.7	28.6
21	17.7	14.4	15.7	24.7	23.4	24.2	24.3	22.7	23.5	29.8	27.9	28.9
22	16.4	14.9	15.7	23.8	20.0	21.8	25.1	23.1	24.2	29.6	28.2	28.8
23	17.2	16.1	16.7	21.4	19.0	19.6	25.8	24.4	25.1	29.1	27.8	28.5
24	16.9	16.2	16.6	19.7	18.0	19.1	26.0	25.0	25.7	28.9	27.8	28.4
25	16.7	16.1	16.4	20.5	19.3	19.9	26.1	25.6	25.9	29.2	28.3	28.8
26	16.8	---	---	21.7	20.0	20.9	25.9	24.8	25.3	29.2	28.0	28.7
27	14.8	12.4	13.9	22.8	21.1	21.9	25.1	22.7	24.1	29.6	27.8	28.6
28	14.6	13.1	13.8	23.9	22.0	22.8	25.0	22.6	24.0	29.4	27.9	28.7
29	15.2	13.8	14.6	23.7	22.5	23.2	23.9	23.0	23.5	29.3	28.5	28.9
30	---	---	---	23.4	22.2	22.8	23.6	22.6	23.2	29.2	28.4	28.8
31	---	---	---	23.0	21.3	22.2	---	---	---	30.2	28.6	29.1
MONTH	---	---	---	24.7	15.1	20.8	26.1	18.1	22.9	30.2	21.5	26.8

07381324 BAYOU GRAND CAILLOU AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.1	29.4	30.1	31.1	29.8	30.4	32.2	30.5	31.5	30.9	29.3	29.9
2	30.8	28.7	29.6	31.0	29.6	30.2	32.1	31.3	31.7	31.4	29.4	30.2
3	29.8	28.3	29.1	30.2	28.9	29.6	32.9	31.0	31.9	30.9	29.9	30.2
4	29.5	28.8	29.1	31.0	29.2	30.0	33.1	31.0	31.9	31.3	30.0	30.5
5	30.0	27.9	29.0	31.4	30.0	30.7	32.5	31.4	32.0	31.4	30.3	30.8
6	29.9	28.3	29.2	31.5	30.4	30.9	32.1	31.4	31.7	31.6	30.4	31.0
7	29.7	28.5	29.1	31.0	30.2	30.6	32.2	30.1	31.1	31.5	29.9	30.8
8	29.9	28.8	29.5	30.2	29.4	29.8	32.2	29.8	30.5	31.4	29.4	30.4
9	30.3	29.0	29.6	29.4	28.1	28.7	30.7	29.3	29.9	31.0	30.2	30.6
10	30.8	29.2	29.9	29.8	27.9	28.8	32.1	30.3	31.1	30.8	29.6	30.2
11	32.1	29.6	30.7	30.3	29.3	29.9	32.6	31.5	32.0	30.8	29.4	30.2
12	32.2	30.5	31.4	30.5	29.2	30.0	32.3	31.0	31.5	30.4	29.2	29.6
13	31.9	30.9	31.4	30.1	28.9	29.5	31.0	26.9	28.6	29.4	28.3	29.0
14	31.3	29.9	30.4	30.8	29.3	29.8	28.5	25.0	27.0	29.5	28.4	28.9
15	30.7	28.3	29.5	31.4	29.5	30.3	27.7	25.3	26.8	29.3	27.6	28.5
16	31.0	29.3	30.2	31.4	30.6	30.9	27.8	25.8	26.9	27.6	26.6	27.1
17	31.2	29.7	30.5	31.3	29.9	30.7	28.5	26.9	27.7	29.6	27.3	28.2
18	31.5	30.4	30.9	31.0	29.5	30.0	29.7	27.6	28.7	30.4	28.2	29.2
19	31.6	30.6	31.0	30.6	28.9	29.8	30.9	28.6	29.6	30.6	28.7	29.6
20	31.3	29.7	30.6	30.8	29.1	30.1	31.3	29.4	30.2	29.2	27.7	28.6
21	30.7	29.5	30.0	30.8	29.9	30.2	31.7	29.8	30.9	28.1	26.8	27.6
22	30.2	28.9	29.6	31.0	29.4	30.1	32.4	30.6	31.4	27.4	25.9	26.4
23	30.9	29.5	30.1	31.2	30.2	30.7	32.4	31.4	31.8	26.4	25.0	25.7
24	30.6	29.4	30.0	31.4	29.6	30.6	32.4	31.4	31.9	26.5	25.8	26.2
25	29.6	28.3	29.0	31.8	30.6	31.2	32.2	31.2	31.6	27.4	26.1	26.6
26	28.4	27.6	28.1	31.4	30.4	30.7	32.7	30.4	31.3	27.9	26.0	27.1
27	29.8	27.9	28.7	31.2	29.7	30.5	32.5	31.0	31.8	28.1	26.8	27.4
28	30.8	28.6	29.8	32.0	30.5	31.1	32.4	30.9	31.7	28.0	26.8	27.4
29	30.6	29.5	30.0	32.0	30.9	31.4	31.7	30.4	31.2	27.5	26.3	26.9
30	31.0	29.4	29.9	32.1	31.0	31.6	30.8	29.0	29.9	28.1	26.3	27.1
31	---	---	---	32.3	31.0	31.7	30.7	28.6	29.6	---	---	---
MONTH	32.2	27.6	29.9	32.3	27.9	30.3	33.1	25.0	30.5	31.6	25.0	28.7

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA

LOCATION.--Lat 29° 23'06", long 90° 43'47", T. 19 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a group of piles, 2 mi west of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1992 to September 2002 (elevation only). July 2002 to current year.

GAGE.--Water-stage recorder and velocity meter. Prior to July 2002, site was located on pontoon bridge 200 ft upstream of present site. Datum of gage is NGVD of 1929. Prior to Oct. 1, 1995, datum of gage was 10.00 ft below NGVD of 1929.

REMARKS.--Stage affected by wind, tide, and heavy boat traffic. Satellite telemetry with wind speed and direction at station. Discharge data prior to Oct. 1, 2002, located at Louisiana District, Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 16,100 ft³/s, Oct. 4, 5, 2002; maximum negative discharge, -29,300 ft³/s, June 30, 2003; maximum gage height, 5.51 ft, Sept. 12, 1998; minimum gage height, -1.42 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 13,600 ft³/s, Nov. 28, maximum gage height, 2.28 ft, Sept. 23; maximum negative discharge, -16,300 ft³/s, Sept. 23; minimum gage height, -0.77 ft, Apr. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,780	-469	4,780	3,480	3,450	2,040	4,260	6,140	5,310	5,250	2,510	3,480
2	1,250	-255	3,790	3,340	2,630	4,460	5,730	10,100	---	5,680	4,480	2,000
3	-1,040	2,600	2,600	2,950	5,140	3,950	5,710	8,160	---	6,000	5,130	2,420
4	-406	2,620	3,790	2,050	3,060	849	5,020	6,090	---	6,210	4,410	1,680
5	1,340	598	6,590	5,350	-4,540	-1,110	3,190	5,200	7,680	5,860	6,390	2,930
6	2,050	3,530	4,890	6,650	6,520	5,970	1,570	4,400	6,890	7,340	6,030	4,100
7	226	3,380	2,390	2,090	7,980	8,340	4,650	4,170	5,300	7,180	1,310	4,090
8	2,000	1,140	1,700	666	5,230	7,640	5,780	4,130	4,800	6,910	-934	1,790
9	-837	2,250	-883	3,210	3,490	7,150	3,450	2,870	5,390	6,420	1,880	-1,250
10	-4,830	-403	6,580	4,580	4,110	4,610	2,760	2,120	5,280	6,960	2,720	4,210
11	6,850	-380	3,580	2,300	2,350	4,280	2,780	615	6,500	6,180	1,670	-50
12	4,110	756	2,320	3,410	8,910	3,200	7,360	---	5,770	7,320	3,750	-2,210
13	1,780	2,960	2,930	3,030	6,340	2,650	9,460	---	3,750	6,650	4,840	-958
14	4,020	695	4,860	3,160	4,910	2,960	6,810	---	5,110	6,410	1,500	-3,770
15	3,770	-662	2,150	4,440	8,350	2,930	4,690	---	4,010	5,420	1,190	454
16	2,580	-1,020	4,300	1,700	5,670	4,150	4,280	---	2,420	6,380	1,110	-5,860
17	3,450	-2,630	7,490	-1,130	5,270	3,090	3,700	---	6,380	6,970	2,440	3,200
18	3,970	-4,370	4,590	5,240	6,020	3,990	2,730	---	6,700	8,770	1,190	3,450
19	187	9,550	4,770	7,500	4,010	4,620	2,650	---	6,840	6,450	1,480	951
20	-17	2,300	1,620	4,390	3,240	4,620	1,430	---	6,350	5,530	4,280	-2,310
21	2,320	3,950	1,620	4,290	4,300	6,020	92	---	6,250	5,840	5,060	-1,760
22	5,420	1,750	1,110	4,520	2,940	4,290	-1,890	---	4,990	6,250	2,970	-2,220
23	1,630	-1,170	3,690	3,530	2,630	-25	2,520	---	6,250	6,450	1,810	-6,860
24	510	7,450	4,650	2,340	3,800	2,640	1,490	---	5,830	4,610	1,190	-1,160
25	-429	1,170	2,890	1,370	6,810	232	2,890	---	7,390	5,780	1,860	6,410
26	3,130	-14	2,880	4,110	8,790	4,950	8,920	---	9,490	4,910	2,350	6,420
27	3,890	-2,580	2,230	8,170	6,720	4,050	6,700	7,260	6,300	4,320	1,560	4,800
28	917	9,700	1,470	4,970	4,860	4,520	2,370	6,630	6,600	3,380	2,000	7,180
29	351	5,750	349	3,420	2,880	6,870	2,980	5,000	5,840	2,460	1,960	3,320
30	-1,330	5,070	5,070	3,190	---	6,650	5,220	-2,650	5,190	2,680	2,510	3,990
31	1,980	---	3,990	3,900	---	8,770	---	4,840	---	2,350	2,380	---
TOTAL	50,622	53,266	104,786	112,216	135,870	129,356	119,302	---	---	178,920	83,026	38,467

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.12	1.29	0.22	0.68	0.76	0.88	0.37	1.03	1.23	1.22	1.20	0.64
2	1.12	1.31	0.23	0.68	0.88	0.92	0.34	0.61	---	1.22	1.05	0.69
3	1.23	1.21	0.59	0.65	0.64	0.88	0.30	0.48	---	1.21	0.92	0.84
4	1.30	1.20	0.59	0.76	0.70	1.14	0.31	0.52	---	1.16	0.78	0.95
5	1.25	1.26	0.29	0.60	1.37	1.39	0.40	0.60	0.85	1.15	0.59	0.92
6	1.19	1.18	-0.02	-0.05	0.97	1.15	0.67	0.65	0.84	1.00	0.40	0.74
7	1.32	0.90	0.20	0.17	0.19	0.56	0.79	0.67	0.96	0.88	0.58	0.49
8	1.32	0.95	0.44	0.50	0.10	0.18	0.58	0.67	1.00	0.91	0.91	0.40
9	1.41	0.89	0.83	0.52	0.31	0.12	0.53	0.75	0.98	1.05	0.93	0.73
10	1.86	1.06	0.54	0.04	0.44	0.06	0.59	0.93	1.03	0.97	0.90	0.57
11	1.40	1.19	0.34	0.30	0.93	0.20	0.75	1.14	0.99	1.04	0.93	0.80
12	1.36	1.20	0.62	0.29	0.57	0.28	0.63	1.31	0.94	0.86	0.86	1.09
13	1.49	0.81	0.89	0.34	0.28	0.42	-0.08	1.31	1.11	0.81	0.48	1.19
14	1.36	0.79	0.57	0.52	0.57	0.50	-0.35	1.33	1.17	0.79	0.57	1.48
15	1.11	0.99	0.75	0.46	0.16	0.58	-0.22	1.22	1.28	0.90	0.65	1.50
16	1.17	1.09	0.68	0.54	0.10	0.63	-0.04	1.15	1.41	0.86	0.71	1.76
17	1.10	1.21	-0.19	1.03	0.20	0.66	0.12	1.15	1.21	0.77	0.70	1.42
18	0.91	1.60	0.05	0.93	0.07	0.77	0.28	1.19	1.06	0.66	0.81	1.26
19	1.11	0.66	-0.18	0.41	0.30	0.66	0.40	1.16	0.92	0.76	0.93	1.27
20	1.18	0.63	0.01	0.33	0.61	0.66	0.54	1.04	0.89	0.78	0.95	1.44
21	1.12	0.73	0.24	0.38	0.57	0.41	0.79	0.87	0.93	0.78	0.79	1.51
22	0.85	0.66	0.46	0.32	0.80	0.29	1.08	0.97	1.06	0.69	0.77	1.61
23	0.92	1.06	0.56	0.39	1.00	0.79	0.95	1.14	1.05	0.57	0.84	1.93
24	1.05	0.55	0.16	0.54	1.24	0.82	0.94	1.15	1.07	0.68	0.89	1.80
25	1.20	0.64	0.37	0.95	1.02	1.04	0.95	1.03	1.13	0.63	0.88	1.43
26	1.13	0.91	0.41	0.86	0.51	0.91	0.72	0.95	0.87	0.62	0.83	1.17
27	0.78	1.28	0.52	0.24	0.33	0.85	0.40	0.88	1.08	0.76	0.86	1.10
28	1.01	0.57	0.69	0.06	0.42	0.91	0.56	0.82	1.00	0.83	0.87	0.64
29	1.14	0.29	0.99	0.23	0.70	0.76	0.87	0.89	1.08	0.92	0.85	0.61
30	1.36	0.31	0.55	0.48	---	0.61	0.99	1.49	1.21	0.99	0.84	0.71
31	1.16	---	0.72	0.52	---	0.36	---	1.39	---	1.10	0.75	---
MAX	1.86	1.60	0.99	1.03	1.37	1.39	1.08	1.49	---	1.22	1.20	1.93
MIN	0.78	0.29	-0.19	-0.05	0.07	0.06	-0.35	0.48	---	0.57	0.40	0.40

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.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: June 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Dec. 27-Jan. 22, Mar. 22-24, Apr. 17-May 12, July 20-22, Aug. 26-31, Sept. 15-30 when records good; Jan. 23-Feb. 11 when records fair.

SALINITY: Records excellent except for Dec. 27-Jan. 22, Mar. 22-24, Apr. 17-May 12, July 20-22, Aug. 26-31, Sept. 15-30 when records good; Jan. 23-Feb. 11 when records fair.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 45,700 microsiemens/cm, May 18, 2000; minimum, 122 microsiemens/cm, Feb. 18, 1996.

SALINITY: Maximum, 24.9 ppt, Sept. 23; minimum, 0.1 ppt, on many times.

WATER TEMPERATURE: Maximum, 34.2° C, Aug. 6, 1999; minimum, 4.7° C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 39,100 microsiemens/cm, Sept. 23; minimum, 188 microsiemens/cm, June 10, 11.

SALINITY: Maximum, 24.9 ppt, Sept. 23; minimum, 0.1 ppt, on many times.

WATER TEMPERATURE: Maximum, 32.4° C, July 31, Aug. 11; minimum, 9.2° C, Jan. 29.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22,700	3,100	10,400	26,100	11,000	18,300	1,360	591	868	5,240	789	1,380
2	24,500	5,990	14,600	26,600	13,200	20,100	799	492	602	4,600	577	1,050
3	27,100	8,710	19,500	20,800	9,130	14,900	9,820	493	5,340	1,150	455	656
4	25,500	15,400	20,700	17,600	8,970	12,400	10,600	722	2,850	2,620	474	883
5	23,000	13,400	18,600	18,000	8,970	12,000	7,280	409	1,360	7,680	341	1,920
6	18,600	9,780	13,400	21,600	10,100	13,500	1,150	409	724	1,010	331	614
7	23,900	6,870	13,600	10,100	3,770	5,880	4,260	426	718	3,940	335	536
8	18,100	11,100	15,600	20,600	4,100	8,810	17,300	801	5,020	20,000	2,460	8,630
9	24,000	10,900	17,000	27,200	5,270	13,400	23,500	6,710	13,700	20,900	1,210	8,980
10	29,900	23,000	28,300	26,900	12,100	18,300	26,200	1,930	10,400	1,210	448	811
11	28,400	10,900	20,100	31,400	18,200	25,100	1,930	601	1,080	11,500	499	2,360
12	10,900	4,030	7,020	29,500	17,400	23,700	17,900	1,120	5,180	7,250	516	1,650
13	25,100	5,830	13,100	26,800	10,500	18,800	21,400	1,530	8,170	645	382	482
14	22,200	4,160	10,700	28,400	11,100	16,200	1,530	488	896	6,510	394	1,460
15	4,160	1,470	2,470	35,300	20,600	29,100	2,200	511	813	7,500	758	1,540
16	21,700	2,040	8,780	32,900	22,400	28,300	16,000	711	4,460	14,900	394	2,710
17	15,500	1,240	6,020	32,400	24,700	30,600	1,480	447	992	26,700	3,540	13,900
18	1,270	775	1,010	36,700	24,500	33,500	1,170	390	850	27,500	3,240	12,800
19	21,800	904	10,500	26,400	14,200	20,800	909	478	714	3,240	387	1,590
20	23,100	5,690	15,100	15,200	5,180	9,080	10,900	390	1,300	1,040	352	661
21	17,100	7,080	12,000	20,500	4,490	9,580	16,200	811	4,270	2,270	462	815
22	7,080	3,140	4,490	15,100	2,610	5,300	17,400	1,180	6,010	975	435	658
23	8,000	2,150	3,470	29,300	11,700	19,400	21,200	995	8,440	740	381	535
24	16,300	3,950	7,990	25,300	3,250	9,990	1,060	554	810	646	370	548
25	23,100	12,000	16,700	10,700	1,850	4,610	10,300	457	2,340	11,000	442	3,680
26	25,000	9,490	16,500	32,800	9,510	19,400	12,900	618	3,400	2,880	502	1,160
27	10,400	2,920	5,100	33,200	12,800	28,400	9,840	500	2,100	1,070	403	804
28	22,700	3,720	10,300	29,900	2,440	13,500	14,300	529	3,750	1,020	304	570
29	25,100	7,390	15,200	2,440	825	1,400	24,100	1,180	12,900	540	304	433
30	30,600	9,410	23,900	2,610	741	1,240	3,520	412	1,130	437	307	341
31	24,700	9,940	18,100	---	---	---	5,240	390	1,180	13,700	307	1,600
MONTH	30,600	775	12,900	36,700	741	16,200	26,200	390	3,620	27,500	304	2,440

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	17,500	954	6,160	6,540	234	642	782	368	537	403	313	343
2	21,300	3,480	8,100	7,090	241	945	700	310	446	779	385	587
3	13,800	393	3,760	273	226	245	688	299	441	1,060	303	488
4	2,540	331	651	4,730	221	448	990	314	531	730	305	407
5	24,100	2,540	18,500	16,900	2,960	8,360	991	289	411	642	304	368
6	21,000	3,600	12,300	18,100	1,020	7,370	9,890	284	3,770	497	284	363
7	3,600	667	1,510	1,400	572	874	6,560	996	2,480	450	279	342
8	702	313	472	1,200	392	845	1,160	298	540	419	281	330
9	465	307	354	1,020	355	545	1,590	407	828	7,490	286	1,030
10	517	296	358	503	239	312	2,030	481	762	13,700	289	2,080
11	14,300	296	4,030	357	231	267	12,200	374	1,290	17,100	676	6,180
12	4,320	851	1,460	402	250	336	13,400	327	1,840	21,800	4,810	12,700
13	1,140	307	634	3,010	247	594	628	456	532	21,800	4,420	8,920
14	676	308	385	6,680	244	1,000	737	322	534	14,100	896	4,850
15	846	309	573	8,430	223	1,110	617	320	439	896	306	606
16	813	297	518	9,170	237	1,320	500	299	380	872	338	423
17	705	281	421	1,050	239	331	440	287	324	620	320	389
18	674	278	414	3,060	235	669	388	273	294	754	298	398
19	523	254	342	288	236	257	320	285	301	448	282	329
20	397	277	335	298	261	275	2,580	320	728	514	277	346
21	436	253	306	418	298	331	13,900	348	4,630	779	259	395
22	338	242	285	440	318	353	23,500	1,390	12,100	779	260	431
23	439	239	281	21,400	313	9,540	21,500	3,400	9,430	476	257	319
24	15,800	289	8,020	16,300	3,970	9,610	20,500	932	6,430	351	236	277
25	2,460	254	519	29,000	6,120	15,300	14,600	1,190	4,230	366	218	260
26	1,190	259	716	18,200	4,050	8,780	3,270	363	1,010	470	216	285
27	766	239	450	10,600	1,910	4,110	997	354	653	456	224	341
28	553	240	347	11,100	660	3,070	4,220	356	839	412	223	313
29	317	235	255	2,540	325	792	8,200	628	2,690	394	217	283
30	---	---	---	1,220	329	654	2,720	318	690	20,100	217	8,220
31	---	---	---	1,290	324	831	---	---	---	18,800	2,490	10,300
MONTH	24,100	235	2,500	29,000	221	2,580	23,500	273	2,000	21,800	216	2,030
JUNE				JULY			AUGUST			SEPTEMBER		
1	2,490	312	954	378	223	274	11,000	240	2,130	651	420	509
2	---	---	---	424	217	273	1,540	245	427	761	389	510
3	---	---	---	381	230	270	347	249	274	13,100	761	6,880
4	---	---	---	468	236	298	441	259	304	23,000	5,130	12,000
5	705	219	384	441	238	297	574	263	415	19,000	2,440	8,580
6	550	226	367	414	235	300	669	286	438	8,660	897	3,320
7	569	221	326	602	241	369	581	261	354	1,250	735	933
8	414	210	274	758	234	372	17,400	306	8,890	2,280	474	1,050
9	256	193	213	420	228	247	15,200	2,960	8,050	21,200	504	9,440
10	197	188	192	696	226	333	9,130	736	3,540	11,700	2,180	5,260
11	662	188	301	696	232	306	8,780	417	2,650	17,600	1,580	8,230
12	404	194	266	696	233	364	3,020	330	838	25,600	6,580	17,100
13	384	229	251	696	221	318	409	252	324	26,500	22,500	24,400
14	258	243	246	682	220	318	7,310	318	1,730	32,500	26,100	29,100
15	281	243	259	619	218	299	11,600	415	3,650	32,600	20,400	31,000
16	3,600	256	872	460	214	281	16,100	1,010	5,810	32,300	17,300	26,900
17	340	256	285	369	215	268	11,300	1,800	5,140	30,900	20,900	25,100
18	441	279	325	332	249	292	12,100	2,790	5,940	25,800	17,000	23,100
19	562	308	389	352	227	271	10,200	3,930	6,190	24,600	14,500	19,400
20	845	294	449	341	221	257	8,240	1,760	4,350	31,600	14,600	26,400
21	529	263	352	291	214	235	1,880	556	1,130	33,000	26,100	29,900
22	378	276	323	369	208	256	1,340	391	592	34,900	27,100	32,200
23	434	266	311	457	207	316	3,710	490	1,270	39,100	30,500	35,500
24	520	272	357	364	202	235	10,600	490	3,190	37,300	33,100	34,800
25	352	272	312	503	203	274	10,300	493	3,110	37,300	23,700	31,200
26	572	340	421	345	199	234	8,580	487	2,110	23,700	9,090	14,800
27	576	301	346	308	206	226	14,000	494	3,600	9,630	5,170	6,630
28	717	272	401	342	230	262	12,500	437	3,570	6,920	2,280	4,220
29	717	226	345	5,290	264	1,210	8,540	525	2,400	10,600	1,680	3,420
30	524	227	291	5,690	268	1,220	3,640	438	1,010	12,400	1,890	5,450
31	---	---	---	9,300	254	1,860	1,180	417	550	---	---	---
MONTH	---	---	---	9,300	199	398	17,400	240	2,710	39,100	389	15,900

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.7	1.6	5.9	15.9	6.2	10.8	0.7	0.3	0.4	2.8	0.4	0.7
2	14.8	3.2	8.5	16.3	7.6	12.0	0.4	0.2	0.3	2.5	0.3	0.5
3	16.6	4.8	11.6	12.4	5.1	8.7	5.5	0.2	2.9	0.6	0.2	0.3
4	15.5	9.0	12.4	10.4	5.0	7.1	6.0	0.4	1.5	1.3	0.2	0.4
5	13.9	7.7	11.0	10.6	5.0	6.9	4.0	0.2	0.7	4.2	0.2	1.0
6	11.0	5.5	7.7	13.0	5.7	7.8	0.6	0.2	0.4	0.5	0.2	0.3
7	14.5	3.8	7.9	5.7	2.0	3.2	2.3	0.2	0.4	2.1	0.2	0.3
8	10.7	6.3	9.1	12.3	2.2	5.0	10.2	0.4	2.8	11.9	1.3	4.9
9	14.5	6.2	10.0	16.6	2.8	7.9	14.2	3.7	8.0	12.5	0.6	5.1
10	18.5	13.9	17.4	16.4	6.9	10.9	16.0	1.0	6.0	0.6	0.2	0.4
11	17.5	6.2	12.0	19.5	10.7	15.3	1.0	0.3	0.5	6.5	0.2	1.3
12	6.2	2.1	3.9	18.2	10.2	14.4	10.5	0.6	2.9	4.0	0.3	0.9
13	15.3	3.2	7.6	16.4	6.0	11.2	12.9	0.8	4.6	0.3	0.2	0.2
14	13.3	2.2	6.2	17.5	6.3	9.5	0.8	0.2	0.4	3.5	0.2	0.7
15	2.2	0.7	1.3	22.2	12.3	18.0	1.1	0.3	0.4	4.1	0.4	0.8
16	13.0	1.0	5.0	20.6	13.5	17.4	9.3	0.3	2.5	8.7	0.2	1.5
17	9.0	0.6	3.3	20.2	15.0	19.0	0.7	0.2	0.5	16.3	1.9	8.2
18	0.6	0.4	0.5	23.2	14.8	21.0	0.6	0.2	0.4	16.9	1.7	7.5
19	13.1	0.4	6.1	16.1	8.2	12.5	0.4	0.2	0.4	1.7	0.2	0.8
20	13.9	3.1	8.9	8.9	2.8	5.1	6.2	0.2	0.7	0.5	0.2	0.3
21	10.1	3.9	6.9	12.2	2.4	5.4	9.4	0.4	2.4	1.2	0.2	0.4
22	3.9	1.6	2.4	8.8	1.3	2.9	10.2	0.6	3.4	0.5	0.2	0.3
23	4.4	1.1	1.8	18.1	6.6	11.6	12.7	0.5	4.8	0.4	0.2	0.3
24	9.5	2.1	4.5	15.4	1.7	5.7	0.5	0.3	0.4	0.3	0.2	0.3
25	13.9	6.8	9.8	6.1	0.9	2.5	5.8	0.2	1.2	6.2	0.2	2.0
26	15.2	5.3	9.8	20.5	5.3	11.6	7.4	0.3	1.8	1.5	0.2	0.6
27	5.9	1.5	2.7	20.7	7.4	17.5	5.5	0.2	1.1	0.5	0.2	0.4
28	13.7	2.0	5.9	18.5	1.3	7.9	8.3	0.3	2.0	0.5	0.2	0.3
29	15.3	4.1	8.9	1.3	0.4	0.7	14.6	0.6	7.6	0.3	0.2	0.2
30	19.0	5.3	14.5	1.3	0.4	0.6	1.8	0.2	0.6	0.2	0.2	0.2
31	15.0	5.6	10.7	---	---	---	2.8	0.2	0.6	7.9	0.2	0.9
MONTH	19.0	0.4	7.6	23.2	0.4	9.7	16.0	0.2	2.0	16.9	0.2	1.4
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	0.5	3.4	3.6	0.1	0.3	0.4	0.2	0.3	0.2	0.2	0.2
2	12.8	1.8	4.6	3.9	0.1	0.5	0.3	0.2	0.2	0.4	0.2	0.3
3	7.9	0.2	2.0	0.1	0.1	0.1	0.3	0.2	0.2	0.5	0.2	0.2
4	1.3	0.2	0.3	2.5	0.1	0.2	0.5	0.2	0.3	0.4	0.2	0.2
5	14.6	1.3	11.0	9.9	1.5	4.7	0.5	0.1	0.2	0.3	0.2	0.2
6	12.6	1.9	7.1	10.7	0.5	4.2	5.6	0.1	2.1	0.2	0.1	0.2
7	1.9	0.3	0.8	0.7	0.3	0.4	3.6	0.5	1.3	0.2	0.1	0.2
8	0.3	0.2	0.2	0.6	0.2	0.4	0.6	0.2	0.3	0.2	0.1	0.2
9	0.2	0.2	0.2	0.5	0.2	0.3	0.8	0.2	0.4	4.1	0.1	0.5
10	0.3	0.1	0.2	0.2	0.1	0.2	1.0	0.2	0.4	7.9	0.1	1.1
11	8.3	0.1	2.3	0.2	0.1	0.1	7.0	0.2	0.7	10.1	0.3	3.5
12	2.3	0.4	0.7	0.2	0.1	0.2	7.7	0.2	1.0	13.1	2.6	7.4
13	0.6	0.2	0.3	1.6	0.1	0.3	0.3	0.2	0.3	13.1	2.4	5.1
14	0.3	0.2	0.2	3.6	0.1	0.5	0.4	0.2	0.3	8.1	0.4	2.7
15	0.4	0.2	0.3	4.7	0.1	0.6	0.3	0.2	0.2	0.4	0.2	0.3
16	0.4	0.2	0.3	5.1	0.1	0.7	0.2	0.2	0.2	0.4	0.2	0.2
17	0.3	0.1	0.2	0.5	0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.2
18	0.3	0.1	0.2	1.6	0.1	0.3	0.2	0.1	0.1	0.4	0.2	0.2
19	0.3	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2
20	0.2	0.1	0.2	0.2	0.1	0.1	1.3	0.2	0.4	0.3	0.1	0.2
21	0.2	0.1	0.2	0.2	0.2	0.2	8.0	0.2	2.6	0.4	0.1	0.2
22	0.2	0.1	0.1	0.2	0.2	0.2	14.2	0.7	7.1	0.4	0.1	0.2
23	0.2	0.1	0.1	12.9	0.2	5.6	12.9	1.8	5.4	0.2	0.1	0.2
24	9.2	0.1	4.5	9.5	2.1	5.4	12.2	0.5	3.6	0.2	0.1	0.1
25	1.3	0.1	0.3	17.9	3.3	9.1	8.5	0.6	2.3	0.2	0.1	0.1
26	0.6	0.1	0.4	10.7	2.1	4.9	1.7	0.2	0.5	0.2	0.1	0.1
27	0.4	0.1	0.2	6.0	1.0	2.2	0.5	0.2	0.3	0.2	0.1	0.2
28	0.3	0.1	0.2	6.3	0.3	1.7	2.2	0.2	0.4	0.2	0.1	0.2
29	0.2	0.1	0.1	1.3	0.2	0.4	4.5	0.3	1.4	0.2	0.1	0.1
30	---	---	---	0.6	0.2	0.3	1.4	0.2	0.3	12.0	0.1	4.8
31	---	---	---	0.6	0.2	0.4	---	---	---	11.1	1.3	5.9
MONTH	14.6	0.1	1.4	17.9	0.1	1.4	14.2	0.1	1.1	13.1	0.1	1.1

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.3	0.2	0.5	0.2	0.1	0.1	6.2	0.1	1.2	0.3	0.2	0.3
2	---	---	---	0.2	0.1	0.1	0.8	0.1	0.2	0.4	0.2	0.3
3	---	---	---	0.2	0.1	0.1	0.2	0.1	0.1	7.5	0.4	3.8
4	---	---	---	0.2	0.1	0.2	0.2	0.1	0.2	13.9	2.8	6.9
5	0.3	0.1	0.2	0.2	0.1	0.2	0.3	0.1	0.2	11.3	1.3	4.8
6	0.3	0.1	0.2	0.2	0.1	0.2	0.3	0.1	0.2	4.8	0.4	1.8
7	0.3	0.1	0.2	0.3	0.1	0.2	0.3	0.1	0.2	0.6	0.4	0.5
8	0.2	0.1	0.1	0.4	0.1	0.2	10.2	0.2	5.1	1.2	0.2	0.5
9	0.1	0.1	0.1	0.2	0.1	0.1	8.9	1.5	4.5	12.7	0.2	5.5
10	0.1	0.1	0.1	0.3	0.1	0.2	5.1	0.4	1.9	6.6	1.1	2.9
11	0.3	0.1	0.2	0.3	0.1	0.2	4.9	0.2	1.4	10.4	0.8	4.7
12	0.2	0.1	0.1	0.3	0.1	0.2	1.6	0.2	0.4	15.6	3.6	10.2
13	0.2	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.2	16.2	13.5	14.8
14	0.1	0.1	0.1	0.3	0.1	0.2	4.0	0.2	0.9	20.3	15.9	18.0
15	0.1	0.1	0.1	0.3	0.1	0.2	6.6	0.2	2.0	20.4	12.1	19.2
16	1.9	0.1	0.4	0.2	0.1	0.1	9.4	0.5	3.2	20.2	10.2	16.5
17	0.2	0.1	0.1	0.2	0.1	0.1	6.4	0.9	2.8	19.2	12.5	15.3
18	0.2	0.1	0.2	0.2	0.1	0.1	6.9	1.4	3.3	15.8	10.0	14.0
19	0.3	0.2	0.2	0.2	0.1	0.1	5.8	2.1	3.4	14.9	8.4	11.5
20	0.4	0.1	0.2	0.2	0.1	0.1	4.6	0.9	2.3	19.6	8.5	16.2
21	0.3	0.1	0.2	0.1	0.1	0.1	1.0	0.3	0.6	20.6	15.9	18.5
22	0.2	0.1	0.2	0.2	0.1	0.1	0.7	0.2	0.3	21.9	16.6	20.1
23	0.2	0.1	0.2	0.2	0.1	0.2	2.0	0.2	0.6	24.9	18.9	22.3
24	0.3	0.1	0.2	0.2	0.1	0.1	6.0	0.2	1.7	23.6	20.7	21.9
25	0.2	0.1	0.2	0.2	0.1	0.1	5.8	0.2	1.7	23.6	14.4	19.4
26	0.3	0.2	0.2	0.2	0.1	0.1	4.8	0.2	1.1	14.4	5.1	8.6
27	0.3	0.2	0.2	0.2	0.1	0.1	8.1	0.2	2.0	5.4	2.8	3.6
28	0.4	0.1	0.2	0.2	0.1	0.1	7.2	0.2	2.0	3.8	1.2	2.2
29	0.4	0.1	0.2	2.8	0.1	0.6	4.7	0.3	1.3	6.0	0.8	1.8
30	0.3	0.1	0.1	3.1	0.1	0.6	1.9	0.2	0.5	7.1	1.0	3.0
31	---	---	---	5.2	0.1	1.0	0.6	0.2	0.3	---	---	---
MONTH	---	---	---	5.2	0.1	0.2	10.2	0.1	1.5	24.9	0.2	9.6

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.8	21.1	23.5	24.4	22.8	23.4	15.7	14.5	15.0	14.3	12.5	13.2
2	24.1	21.1	22.5	24.9	23.4	24.0	15.3	14.6	14.9	14.7	13.3	14.0
3	22.9	20.3	21.7	24.6	23.7	24.1	15.3	14.6	15.0	16.4	14.0	15.1
4	24.0	21.6	22.6	24.3	23.8	24.0	16.1	14.9	15.5	16.8	15.4	16.2
5	25.6	23.2	23.9	24.6	23.8	24.1	15.6	14.7	15.1	18.4	15.4	17.1
6	25.4	24.0	24.5	25.0	24.1	24.6	14.7	13.9	14.2	15.4	13.8	14.3
7	26.1	24.5	25.2	24.6	23.8	24.1	14.0	13.3	13.6	13.8	11.9	12.8
8	26.0	25.6	25.8	24.2	23.1	23.7	14.0	12.5	13.4	12.1	9.8	11.2
9	26.8	25.6	26.1	23.8	22.4	23.4	14.9	12.9	13.9	12.8	9.7	11.4
10	26.8	26.1	26.3	23.4	22.3	22.8	14.6	13.4	13.9	11.8	11.1	11.4
11	26.2	25.4	25.9	23.9	22.3	23.1	13.6	12.6	13.0	11.5	10.4	11.0
12	25.8	25.1	25.5	24.4	22.9	23.6	12.9	12.4	12.7	12.2	10.6	11.3
13	26.5	25.2	25.7	24.0	22.2	23.2	13.1	12.5	12.9	12.1	10.6	11.4
14	26.6	25.2	26.0	22.3	20.6	21.4	12.6	11.8	12.3	12.3	11.3	11.8
15	25.4	24.5	24.9	20.7	18.2	19.5	13.0	12.0	12.5	13.0	11.9	12.4
16	25.3	23.6	24.6	21.5	19.2	20.2	14.0	12.8	13.3	14.1	12.0	12.8
17	25.6	24.0	24.9	22.3	20.7	21.4	12.9	11.5	11.9	16.0	13.1	14.5
18	24.8	23.8	24.2	22.7	21.4	22.4	11.8	11.2	11.5	16.0	13.8	15.1
19	24.1	22.1	23.2	21.4	18.7	20.1	11.3	10.9	11.1	13.9	12.2	13.3
20	24.1	22.2	23.1	20.0	18.7	19.5	11.9	10.7	11.1	12.2	11.2	11.5
21	24.8	23.2	23.7	19.9	18.6	19.3	11.9	10.6	11.4	11.6	10.8	11.2
22	24.3	23.3	23.8	20.3	19.0	19.5	13.1	11.2	12.2	11.8	10.8	11.2
23	24.9	23.6	24.0	21.0	19.4	20.3	13.9	12.5	13.2	12.8	11.1	12.0
24	25.4	24.0	24.6	20.5	17.7	18.7	12.8	12.1	12.4	13.5	12.4	12.9
25	25.2	24.3	24.9	17.8	16.1	17.1	12.8	11.6	12.1	14.5	13.3	14.0
26	25.1	24.6	24.8	17.0	14.6	15.8	12.8	11.4	12.1	13.5	12.3	13.0
27	24.6	22.1	23.3	18.3	15.5	17.0	13.4	11.9	12.5	13.2	11.2	12.5
28	22.5	20.8	21.8	17.8	16.1	16.8	14.2	12.5	13.2	11.2	9.4	10
29	22.2	19.9	21.1	16.2	15.4	15.8	15.7	13.6	14.7	10.8	9.2	9.8
30	22.4	20.5	21.5	15.4	14.8	15.1	13.9	13.0	13.2	10.4	9.9	10.2
31	23.7	22.0	22.7	---	---	---	13.1	12.4	12.8	11.6	10.4	11.2
MONTH	26.8	19.9	24.1	25.0	14.6	20.9	16.1	10.6	13.1	18.4	9.2	12.6
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	10.9	11.2	16.5	14.9	15.7	21.0	19.2	19.9	23.6	22.8	23.2
2	11.5	10.8	11.2	17.8	16.0	16.8	21.2	19.6	20.3	23.4	22.6	23.0
3	11.6	10.5	11.1	18.8	16.8	17.8	21.9	20.0	20.9	23.9	22.2	22.8
4	11.5	10.5	11.0	19.8	18.0	18.9	22.7	21.1	21.9	23.4	21.8	22.6
5	15.4	11.5	13.8	21.8	19.6	20.5	22.3	20.7	21.4	23.8	22.3	23.0
6	15.4	13.1	14.4	22.4	20.9	21.7	21.9	21.2	21.5	24.5	23.0	23.7
7	13.6	12.7	13.1	22.8	20.9	21.6	22.8	21.4	21.9	25.2	23.8	24.4
8	12.8	11.5	11.9	21.4	19.8	20.5	23.3	21.8	22.3	26.7	24.4	25.1
9	12.5	11.2	11.8	20.5	19.1	19.7	23.8	22.2	23.0	26.6	25.0	25.6
10	12.6	12.1	12.4	20.5	18.9	19.5	24.6	22.7	23.4	27.2	25.0	25.9
11	13.2	12.6	12.8	20.0	18.8	19.3	24.1	22.8	23.2	27.0	25.7	26.5
12	14.1	13.1	13.6	20.5	18.6	19.3	24.1	21.6	22.5	27.0	26.0	26.6
13	13.1	12.6	12.7	20.2	18.6	19.3	21.6	19.7	20.4	27.8	26.0	26.8
14	12.6	11.9	12.4	19.8	19.1	19.4	20.1	18.7	19.3	26.9	26.2	26.5
15	11.9	10.5	11.3	20.0	19.2	19.5	20.7	19.1	19.7	26.4	25.5	26.0
16	11.8	10.9	11.4	20.5	19.4	20.0	21.3	19.6	20.3	26.3	25.3	25.7
17	12.3	11.1	11.7	20.5	19.1	19.8	22.4	20.4	21.3	26.6	25.4	26.0
18	12.8	11.3	12.0	20.4	19.5	20.0	22.7	21.2	21.9	27.1	25.8	26.5
19	13.2	11.6	12.3	21.3	19.7	20.3	23.0	21.6	22.3	28.2	26.5	27.2
20	14.0	12.7	13.3	20.9	19.4	20.1	23.4	21.5	22.3	28.1	26.9	27.5
21	15.5	13.5	14.2	21.6	19.3	20.3	24.2	21.5	22.8	28.4	27.3	27.8
22	14.8	13.2	14.1	20.6	18.3	19.2	25.1	22.3	23.7	28.6	27.4	27.8
23	14.1	13.2	13.7	19.3	17.9	18.6	25.2	23.4	24.3	28.4	27.3	27.8
24	16.4	13.5	15.0	19.0	18.3	18.7	26.0	23.1	24.5	28.9	27.4	28.0
25	14.1	13.3	13.5	20.6	18.8	19.5	25.8	23.8	24.5	28.6	27.6	28.1
26	13.7	13.0	13.3	20.7	19.4	19.9	24.3	23.6	23.8	29.0	28.1	28.5
27	13.8	12.8	13.2	21.5	18.8	19.9	24.1	23.0	23.6	29.2	27.8	28.4
28	14.3	12.8	13.5	21.5	19.0	19.9	24.6	23.3	23.8	29.2	28.2	28.7
29	16.0	13.8	14.7	20.8	19.5	19.9	24.5	23.1	23.7	29.4	28.4	28.8
30	---	---	---	20.6	19.3	19.8	24.0	23.2	23.6	29.2	28.4	28.7
31	---	---	---	20.8	19.1	19.9	---	---	---	30.2	28.1	29.0
MONTH	16.4	10.5	12.8	22.8	14.9	19.5	26.0	18.7	22.3	30.2	21.8	26.3

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.5	29.2	29.7	30.1	28.9	29.5	31.8	30.7	31.2	31.4	29.8	30.4
2	---	---	---	29.9	29.2	29.4	31.5	30.9	31.1	31.3	30.0	30.5
3	---	---	---	29.9	29.0	29.4	32.3	30.6	31.2	30.8	30.2	30.4
4	---	---	---	30.4	29.4	29.8	32.2	30.9	31.4	31.7	30.0	30.4
5	29.8	28.6	29.1	31.0	29.9	30.4	32.2	31.2	31.7	31.0	29.9	30.3
6	29.9	28.6	29.2	30.7	30.4	30.6	32.1	31.1	31.5	30.8	29.8	30.3
7	30.1	28.7	29.2	30.7	29.7	30.3	31.8	30.5	31.1	30.9	29.7	30.2
8	30.7	28.8	29.5	30.0	29.1	29.5	31.1	29.3	30.0	31.0	29.4	30.1
9	30.5	29.0	29.7	29.2	28.5	28.9	31.2	29.3	30.2	30.8	29.8	30.1
10	30.6	29.5	30.0	30.1	28.8	29.4	32.0	30.4	31.0	30.8	29.5	30.1
11	31.3	29.7	30.4	29.7	28.8	29.3	32.4	31.0	31.5	30.2	29.6	29.9
12	31.4	30.2	30.8	30.0	29.0	29.6	31.4	30.4	31.0	29.8	28.7	29.4
13	31.0	30.2	30.5	30.3	29.3	29.8	30.4	29.2	29.6	29.0	28.6	28.8
14	30.4	29.6	29.9	30.4	29.5	29.9	29.2	27.4	28.4	28.9	28.1	28.5
15	30.3	29.3	29.8	31.4	29.9	30.5	28.4	26.4	27.7	28.3	27.7	28.0
16	30.6	29.3	29.9	31.4	30.6	30.9	28.0	26.7	27.5	27.9	26.6	27.1
17	30.6	29.5	30.0	31.4	30.6	30.9	28.2	27.6	27.9	29.1	27.0	28.0
18	30.7	29.8	30.3	30.7	29.8	30.2	29.2	28.1	28.4	30.1	28.0	29.0
19	30.6	30.1	30.3	31.1	29.5	30.2	30.9	28.5	29.3	29.5	28.7	29.1
20	30.5	29.8	30.2	32.0	29.8	30.4	30.5	29.1	29.7	28.8	27.6	28.3
21	30.1	29.7	29.8	30.6	30.1	30.3	31.1	29.5	30.3	28.4	26.4	27.2
22	30.5	29.6	30.0	31.2	29.8	30.5	31.4	30.2	30.7	27.4	25.7	26.2
23	30.5	29.7	30.1	31.4	30.6	30.8	31.7	30.6	31.1	26.2	25.1	25.7
24	30.1	29.6	29.8	31.6	30.4	30.9	32.0	30.6	31.3	26.6	25.6	26.1
25	29.6	28.6	29.1	31.6	30.8	31.1	31.8	30.6	31.1	27.2	26.0	26.5
26	28.8	27.9	28.4	31.5	30.3	30.8	32.0	30.4	31.1	27.5	26.5	27.0
27	29.4	28.1	28.6	31.5	30.4	30.9	32.2	31.1	31.5	27.5	26.7	27.1
28	29.8	28.4	29.2	31.5	30.3	30.8	32.0	31.0	31.4	27.6	26.5	27.0
29	29.8	28.5	29.0	32.0	30.3	31.0	31.4	30.2	30.8	27.4	26.5	26.8
30	29.8	28.6	29.2	32.0	30.8	31.4	31.3	29.8	30.1	27.8	26.5	27.1
31	---	---	---	32.4	30.9	31.5	30.4	29.5	30.0	---	---	---
MONTH	---	---	---	32.4	28.5	30.3	32.4	26.4	30.3	31.7	25.1	28.5

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA

LOCATION.--Lat 29° 35'53", long 90° 42'36", T. 17 S., R. 17 E., Sec. 39, Terrebonne Parish, Hydrologic Unit 08090302, on the right bank of stream, south of Main Street Bridge.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 25, 1997 to Sept. 30, 2001 (elevation only). Oct. 1, 2001 to present. Unpublished data prior to Oct. 1, 1999 can be found in the Louisiana District, Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Stage and discharge affected by wind, tide, and boat traffic. Reverse flow at times. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge recorded, 6,150 ft³/s, Apr. 27, 2002; maximum recorded gage height, 3.41 ft, Sept. 12, 1998; maximum negative discharge recorded, -5,240 ft³/s, Apr. 30, 2004; minimum recorded gage height, -0.34 ft, Dec. 15, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 4,850 ft³/s, June 22; maximum gage height, 2.63 ft, May 15; maximum negative discharge, -5,240 ft³/s, Apr. 30; minimum gage height, 0.55 ft, Dec. 20.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-442	-1,110	305	1,620	---	2,730	3,040	-2,710	1,250	2,480	1,460	366
2	-487	-1,550	-162	1,930	---	2,140	2,760	-1,790	1,870	2,400	963	73
3	872	-1,250	1,080	1,670	---	1,760	2,680	-362	1,740	2,720	904	254
4	606	-220	-471	1,960	857	1,950	2,980	760	1,570	2,880	1,040	277
5	-29	1,100	-719	714	2,640	2,650	2,630	1,580	1,850	3,070	1,080	350
6	-401	893	-872	-341	498	1,800	---	1,740	2,290	2,650	754	833
7	4.1	-413	378	1,780	740	1,120	2,090	1,550	2,380	2,570	1,390	1,160
8	-1,130	-1,580	37	2,610	1,110	1,440	2,080	1,740	2,030	2,830	1,620	930
9	-252	---	1,490	2,240	1,990	2,830	2,190	2,040	1,710	3,040	1,120	1,760
10	592	---	482	1,380	1,590	2,650	2,260	2,260	2,280	2,580	556	635
11	-2,350	---	-1,170	2,750	1,030	3,030	1,360	1,270	2,570	2,700	687	1,220
12	-1,930	---	-938	2,370	-426	2,930	1,380	885	2,450	2,770	313	1,310
13	-298	-1,500	493	2,180	116	2,660	1,650	-1,060	2,520	3,110	-187	258
14	-94	-589	-1,010	2,520	1,690	2,610	2,020	-726	1,660	2,740	1,500	-164
15	-1,540	-0.64	445	1,950	2,130	2,500	2,750	-1,770	2,010	3,430	1,600	-518
16	-35	-154	1,830	1,430	2,550	2,410	2,690	-1,940	2,410	3,220	1,630	3,420
17	---	-1,110	1,000	1,360	2,770	2,500	2,470	-967	1,660	3,220	1,340	2,610
18	---	481	2,230	1,260	2,660	2,750	2,190	-726	1,870	2,820	1,270	863
19	285	-1,370	1,640	642	3,220	2,110	2,160	-209	2,080	2,770	1,290	622
20	279	-1,400	1,990	1,320	3,530	2,370	2,400	334	2,490	2,930	949	713
21	215	-23	2,130	2,000	2,540	2,050	2,670	584	2,720	2,540	670	202
22	38	-509	2,190	2,090	2,770	2,430	2,200	1,650	3,090	2,180	1,040	359
23	721	722	2,300	---	1,800	3,520	518	2,110	2,770	2,160	1,350	-177
24	-35	-1,190	1,490	---	984	2,380	265	1,670	2,460	2,510	1,490	-357
25	-42	95	1,940	---	1,100	1,690	336	1,430	2,030	2,040	1,230	-653
26	-662	600	1,910	---	1,620	1,090	-790	1,600	1,470	1,890	925	-173
27	-733	1,590	2,000	---	2,300	1,430	213	1,910	2,670	2,000	953	1,240
28	576	-1,760	1,800	---	2,700	1,760	1,490	2,030	2,230	2,140	682	857
29	1,020	-558	2,090	---	2,500	1,630	1,200	2,040	2,030	1,970	895	1,230
30	735	252	350	---	---	2,070	-3,560	3,240	2,550	1,680	696	958
31	-564	---	1,990	---	---	2,380	---	2,100	---	1,730	379	---
TOTAL	---	---	28,248	---	---	69,370	---	22,263	64,710	79,770	31,589	20,458

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.61	1.75	1.10	1.46	---	1.60	1.31	2.19	2.22	2.01	1.79	1.20
2	1.61	1.79	1.04	1.48	---	1.69	1.31	2.08	2.24	2.02	1.70	1.20
3	1.68	1.71	1.24	1.46	---	1.68	1.24	1.83	2.21	1.99	1.58	1.35
4	1.77	1.68	1.36	1.54	1.41	1.81	1.20	1.67	2.09	1.96	1.41	1.49
5	1.79	1.69	1.24	1.52	1.90	2.04	1.19	1.64	1.95	1.94	1.28	1.49
6	1.75	1.69	0.93	1.04	1.86	2.02	---	1.65	1.88	1.91	1.11	1.35
7	1.79	1.45	0.93	0.90	1.40	1.69	1.64	1.67	1.87	1.81	1.04	1.09
8	1.81	1.38	1.15	1.13	1.07	1.33	1.52	1.66	1.90	1.79	1.34	0.91
9	1.85	---	1.43	1.28	1.05	1.06	1.44	1.67	1.90	1.84	1.45	1.14
10	2.25	---	1.44	0.92	1.19	0.92	1.46	1.79	1.90	1.85	1.48	1.16
11	2.16	---	1.17	0.98	1.60	0.95	1.65	1.98	1.86	1.86	1.49	1.26
12	1.95	---	1.33	1.02	1.61	1.01	1.69	2.20	1.82	1.77	1.47	1.50
13	1.99	1.48	1.61	1.03	1.31	1.12	1.26	2.35	1.88	1.67	1.14	1.65
14	1.95	1.36	1.42	1.13	1.33	1.22	0.85	2.42	2.01	1.61	1.05	1.85
15	1.68	1.56	1.47	1.19	1.21	1.32	0.74	2.53	2.10	1.64	1.10	1.91
16	1.73	1.68	1.59	1.23	1.00	1.38	0.84	2.47	2.16	1.62	1.17	1.92
17	---	1.79	1.05	1.61	1.00	1.41	1.00	2.40	2.11	1.55	1.19	1.93
18	---	2.06	0.89	1.72	0.95	1.52	1.13	2.42	2.00	1.59	1.28	1.85
19	1.54	1.73	0.77	1.44	1.00	1.49	1.24	2.41	1.88	1.59	1.41	1.75
20	1.64	1.35	0.76	1.22	1.23	1.47	1.35	2.33	1.81	1.53	1.51	1.85
21	1.62	1.46	0.98	1.20	1.28	1.34	1.54	2.19	1.80	1.54	1.40	1.94
22	1.41	1.38	1.19	1.15	1.42	1.13	1.80	2.14	1.84	1.48	1.32	2.03
23	1.36	1.66	1.38	---	1.63	1.36	1.81	2.19	1.86	1.37	1.36	2.21
24	1.50	1.46	1.09	---	1.90	1.52	1.79	2.24	1.93	1.32	1.42	2.29
25	1.66	1.30	1.15	---	1.88	1.77	1.88	2.18	2.05	1.36	1.44	2.09
26	1.69	1.54	1.20	---	1.64	1.79	1.95	2.08	1.99	1.37	1.41	1.81
27	1.38	1.90	1.26	---	1.38	1.76	1.57	1.97	1.96	1.44	1.40	1.65
28	1.47	1.68	1.39	---	1.30	1.81	1.48	1.89	1.93	1.44	1.39	1.38
29	1.61	1.28	1.73	---	1.44	1.81	1.69	1.88	1.96	1.50	1.40	1.17
30	1.79	1.22	1.50	---	---	1.68	2.11	2.20	1.99	1.58	1.37	1.28
31	1.73	---	1.47	---	---	1.49	---	2.30	---	1.68	1.28	---
MAX	---	---	1.73	---	---	2.04	---	2.53	2.24	2.02	1.79	2.29
MIN	---	---	0.76	---	---	0.92	---	1.64	1.80	1.32	1.04	0.91

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1997 to current year. Unpublished data prior to Oct. 1, 1999 can be found in the Louisiana District, Baton Rouge Field Office.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1997 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: July 1997 to current year.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for July 14-27 when records good.

SALINITY: Records excellent except for July 14-27 when records good.

WATER TEMPERATURE: Records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 27,500 microseimens/cm, Oct. 13, 1997; minimum, 146 microseimens/cm, June 27, 2001.

SALINITY: Maximum, 3.4 ppt, Sept. 25, 2004; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 21, 2000; minimum 4.9°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 6,340 microsiemens/cm, Sept. 25; minimum, 179 microsiemens/cm, June 9, 10.

SALINITY: Maximum, 3.4 ppt, Sept. 25; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.3°C, Aug. 5; minimum, 9.8°C, Jan. 12.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	497	428	456	413	402	407	469	437	454	355	350	352
2	454	412	431	434	406	416	439	411	418	355	341	351
3	438	407	426	432	416	425	412	399	404	341	336	339
4	490	434	453	418	389	405	400	384	396	337	333	335
5	580	476	503	395	389	391	387	362	376	338	334	336
6	606	498	560	455	394	410	366	362	364	344	338	341
7	516	363	455	443	434	440	367	358	366	344	342	343
8	435	390	408	435	422	428	362	348	357	346	342	344
9	431	375	403	---	---	---	350	342	346	346	331	342
10	417	371	385	---	---	---	358	345	352	331	323	325
11	471	401	444	---	---	---	350	334	342	343	324	333
12	539	460	478	---	---	---	336	332	334	345	336	342
13	555	539	547	1,030	736	888	334	319	324	336	315	322
14	560	482	537	1,170	833	960	320	319	319	326	315	320
15	556	523	536	876	594	717	340	319	325	327	325	326
16	552	450	500	812	624	732	340	336	338	327	322	323
17	484	415	448	1,400	786	1,080	339	332	335	334	324	329
18	---	---	---	3,130	1,360	1,800	341	333	337	337	332	334
19	411	366	397	3,220	2,970	3,100	342	340	341	334	332	333
20	407	374	395	3,000	709	2,500	341	337	340	337	334	335
21	406	377	391	765	617	718	341	337	339	345	336	342
22	386	339	362	707	629	658	343	335	340	345	330	337
23	340	331	335	990	706	821	340	333	337	---	---	---
24	---	---	---	1,030	941	968	337	335	336	---	---	---
25	---	---	---	1,030	642	757	341	337	339	---	---	---
26	---	---	---	750	644	696	345	341	343	---	---	---
27	---	---	---	732	651	685	346	343	344	---	---	---
28	397	376	390	723	538	591	348	343	346	---	---	---
29	389	366	379	553	489	513	353	346	349	---	---	---
30	421	380	401	491	469	480	348	340	343	---	---	---
31	424	406	413	---	---	---	351	347	349	---	---	---
MONTH	---	---	---	---	---	---	469	319	353	---	---	---

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	219	214	217	300	290	294	374	281	347
2	---	---	---	215	208	211	291	285	289	324	281	314
3	---	---	---	210	206	208	286	275	280	303	266	282
4	328	325	326	211	207	209	284	278	280	286	263	274
5	335	328	331	210	209	210	282	278	280	287	272	280
6	348	335	344	214	209	211	293	278	281	272	260	267
7	348	330	340	213	209	210	293	277	286	265	256	262
8	330	321	325	215	212	213	287	273	279	273	264	267
9	323	320	322	215	213	214	296	285	290	274	269	272
10	320	315	318	213	211	212	303	295	298	279	274	276
11	316	294	305	212	204	209	302	288	296	279	275	277
12	299	285	294	205	204	204	290	284	288	281	279	279
13	301	295	299	205	203	204	295	287	289	295	277	284
14	295	278	287	203	200	202	302	294	298	357	293	307
15	279	267	274	205	200	201	303	279	296	381	340	367
16	268	259	263	213	204	208	279	268	275	384	312	350
17	260	241	253	223	213	216	268	264	266	319	311	316
18	243	233	237	232	222	227	311	265	287	315	292	299
19	233	228	230	249	231	238	334	310	323	346	299	320
20	229	222	225	271	248	257	345	333	339	349	324	341
21	224	222	222	294	267	281	358	344	351	329	262	305
22	224	222	224	298	294	297	369	357	364	263	237	247
23	227	221	225	297	275	286	368	367	367	238	224	232
24	235	223	227	276	249	258	369	368	368	226	209	220
25	233	230	232	262	251	255	371	361	368	212	203	208
26	231	223	228	278	259	270	361	337	347	206	199	202
27	223	221	222	298	275	284	367	356	361	201	199	200
28	222	219	221	306	296	301	357	330	339	202	199	200
29	220	218	219	310	301	306	332	329	331	202	198	200
30	---	---	---	301	300	300	330	293	317	202	199	200
31	---	---	---	301	299	300	---	---	---	202	194	198
MONTH	---	---	---	310	200	239	371	264	311	384	194	271
	JUNE			JULY			AUGUST			SEPTEMBER		
1	198	190	194	218	209	215	215	201	206	375	365	370
2	241	197	214	219	209	214	219	213	216	370	360	365
3	242	221	234	221	216	218	228	219	224	361	355	358
4	222	201	211	229	217	221	230	227	228	356	335	348
5	203	197	200	230	217	223	233	227	229	349	317	329
6	203	198	201	227	221	224	227	220	222	321	295	307
7	203	193	199	227	219	223	223	213	217	305	293	300
8	194	182	190	222	218	220	218	212	214	324	300	311
9	185	179	182	219	213	215	221	217	219	337	322	331
10	184	179	181	213	211	212	221	219	220	333	327	330
11	189	181	186	218	212	215	226	219	222	328	322	325
12	213	189	200	215	204	211	225	221	222	325	313	319
13	239	213	228	206	202	204	224	222	223	324	315	319
14	238	223	229	203	199	201	275	222	244	340	324	329
15	243	222	231	200	197	198	292	273	283	346	336	341
16	248	240	244	200	197	198	303	291	296	1,430	332	667
17	251	238	245	206	198	202	304	281	294	2,520	1,120	1,740
18	268	247	256	206	201	204	282	270	278	1,790	1,120	1,430
19	276	266	271	206	200	203	295	279	287	1,880	1,270	1,600
20	275	262	270	203	195	198	320	294	308	2,170	1,670	1,830
21	262	244	248	199	195	196	358	320	340	2,720	2,100	2,330
22	248	236	243	199	189	194	380	358	369	3,620	2,660	2,880
23	253	244	248	196	187	191	383	380	381	3,620	3,040	3,210
24	258	249	252	193	186	189	384	382	383	3,980	3,220	3,540
25	260	255	257	189	185	187	387	383	386	6,340	3,920	5,160
26	263	254	260	189	181	186	387	379	384	6,130	5,910	6,020
27	270	261	266	194	184	189	381	372	377	6,140	692	3,200
28	263	211	232	195	191	192	373	369	371	725	562	641
29	222	210	215	196	191	193	373	371	372	562	480	511
30	219	213	217	203	194	199	378	369	374	507	480	493
31	---	---	---	205	201	203	369	361	364	---	---	---
MONTH	276	179	227	230	181	204	387	201	289	6,340	293	1,340

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
12	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
13	0.3	0.3	0.3	0.5	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
14	0.3	0.2	0.3	0.6	0.4	0.5	0.2	0.2	0.2	0.2	0.2	0.2
15	0.3	0.3	0.3	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
16	0.3	0.2	0.2	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.7	0.4	0.5	0.2	0.2	0.2	0.2	0.2	0.2
18	---	---	---	1.6	0.7	0.9	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	1.7	1.5	1.6	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	1.6	0.3	1.3	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.5	0.3	0.4	0.2	0.2	0.2	---	---	---
24	---	---	---	0.5	0.5	0.5	0.2	0.2	0.2	---	---	---
25	---	---	---	0.5	0.3	0.4	0.2	0.2	0.2	---	---	---
26	---	---	---	0.4	0.3	0.3	0.2	0.2	0.2	---	---	---
27	---	---	---	0.4	0.3	0.3	0.2	0.2	0.2	---	---	---
28	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	---	---	---
29	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	---	---	---
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
31	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	---	---	---
MONTH	---	---	---	---	---	---	0.2	0.2	0.2	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
2	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
3	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
4	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1
11	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
12	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2
15	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
19	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
22	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
23	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
27	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
28	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
30	---	---	---	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
31	---	---	---	0.2	0.2	0.2	---	---	---	0.1	0.1	0.1
MONTH	---	---	---	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
16	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.7	0.2	0.3
17	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	1.3	0.6	0.9
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	0.6	0.7
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	0.6	0.8
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	1.1	0.8	0.9
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.4	1.1	1.2
22	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.9	1.4	1.5
23	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.9	1.6	1.7
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	2.1	1.7	1.9
25	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	3.4	2.1	2.8
26	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	3.3	3.2	3.3
27	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	3.3	0.3	1.7
28	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.3
29	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3
30	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
31	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
MONTH	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	3.4	0.1	0.7

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.9	24.9	25.5	23.4	22.6	23.0	15.4	14.6	14.9	13.1	11.8	12.3
2	25.6	24.2	24.7	23.5	22.9	23.2	15.2	14.4	14.7	14.2	12.7	13.6
3	24.5	23.4	24.0	23.8	23.0	23.4	15.2	14.5	14.8	15.4	14.2	14.8
4	24.5	23.5	24.0	23.9	23.2	23.5	15.6	14.8	15.1	16.1	15.0	15.6
5	25.0	23.9	24.4	24.1	23.4	23.7	15.4	14.7	15.1	16.1	15.7	15.8
6	25.0	24.3	24.7	24.1	23.5	23.8	14.7	13.6	14.3	15.8	14.2	15.0
7	25.4	24.7	25.0	23.9	23.6	23.8	13.7	13.1	13.4	14.2	12.0	13.1
8	25.8	25.1	25.4	23.9	23.3	23.6	14.0	13.1	13.4	12.0	11.3	11.7
9	26.0	25.4	25.7	---	---	---	14.5	13.3	13.9	12.4	11.4	11.9
10	26.0	25.6	25.8	---	---	---	14.2	12.8	13.7	11.8	10.6	11.3
11	25.6	25.3	25.4	---	---	---	12.8	11.6	12.0	10.7	10.0	10.2
12	25.6	25.1	25.3	---	---	---	12.1	11.5	11.7	11.2	9.8	10.5
13	25.8	25.1	25.5	23.6	22.7	23.1	12.3	11.7	12.1	11.7	10.8	11.1
14	26.2	25.5	25.8	22.7	21.7	22.1	12.6	11.8	12.2	12.0	11.1	11.4
15	25.8	25.1	25.4	21.9	21.2	21.6	12.3	11.2	11.6	12.0	11.5	11.8
16	25.7	24.6	25.0	21.9	21.3	21.6	12.3	11.7	12.0	12.6	11.8	12.1
17	25.1	24.3	24.8	22.1	21.4	21.8	12.6	11.3	11.9	12.7	11.8	12.2
18	---	---	---	22.0	21.1	21.8	11.5	10.7	11.1	14.0	12.6	13.1
19	24.4	23.5	23.9	21.2	19.8	20.8	11.5	10.5	11.0	13.2	12.0	12.9
20	24.2	23.2	23.7	20.7	18.7	19.7	11.7	10.9	11.2	12.0	10.6	11.1
21	24.2	23.4	23.8	19.1	18.4	18.7	12.3	10.8	11.3	11.1	10.3	10.6
22	24.6	23.4	23.9	19.1	18.3	18.7	12.2	11.1	11.6	12.6	10.9	11.9
23	24.9	23.7	24.1	19.9	18.7	19.2	12.8	11.8	12.2	---	---	---
24	---	---	---	19.3	17.8	18.5	12.2	11.3	11.9	---	---	---
25	---	---	---	17.9	16.8	17.4	11.7	11.1	11.3	---	---	---
26	---	---	---	17.1	16.6	16.9	11.7	10.8	11.2	---	---	---
27	---	---	---	18.0	16.6	17.4	12.4	11.3	11.8	---	---	---
28	23.4	22.5	22.9	17.8	16.4	16.9	13.1	12.0	12.5	---	---	---
29	22.9	22.0	22.4	16.4	14.9	15.7	13.9	12.7	13.2	---	---	---
30	23.0	22.0	22.5	15.0	14.2	14.6	14.1	12.2	13.5	---	---	---
31	23.1	22.3	22.8	---	---	---	12.5	11.8	12.1	---	---	---
MONTH	---	---	---	---	---	---	15.6	10.5	12.7	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	16.0	14.8	15.4	20.9	19.5	20.0	23.2	22.1	22.6
2	---	---	---	17.7	16.0	16.7	21.2	19.6	20.4	22.9	22.1	22.4
3	---	---	---	18.5	16.9	17.5	22.3	20.9	21.4	22.3	21.4	21.9
4	11.3	10.2	10.5	18.8	17.3	17.9	22.1	20.7	21.4	23.2	21.7	22.3
5	12.7	11.0	11.9	19.7	18.8	19.2	22.3	21.2	21.8	23.6	22.0	22.8
6	14.2	12.7	13.1	21.0	19.7	20.2	21.9	21.1	21.5	24.4	22.8	23.6
7	14.1	12.3	13.1	20.7	19.8	20.2	22.2	21.0	21.5	24.8	23.7	24.2
8	12.6	11.5	11.9	20.1	19.2	19.6	22.0	21.4	21.8	25.4	24.0	24.6
9	12.6	11.2	11.8	21.0	19.7	20.3	22.2	21.3	21.7	25.7	24.5	25.0
10	13.0	12.3	12.6	20.2	19.4	19.8	23.3	21.9	22.4	26.0	24.9	25.4
11	13.8	13.0	13.3	19.5	18.6	19.1	23.4	22.6	23.0	26.6	25.6	25.9
12	14.5	13.5	14.0	19.6	18.7	19.2	23.3	21.6	23.0	26.5	25.7	26.0
13	13.8	12.6	13.5	19.7	19.0	19.4	21.6	19.3	20.3	26.7	25.7	26.2
14	12.6	11.9	12.3	19.6	19.4	19.4	20.2	18.7	19.3	27.0	26.3	26.6
15	11.9	11.2	11.6	19.7	18.7	19.3	20.7	18.9	19.7	26.8	25.7	26.2
16	12.0	10.9	11.4	19.8	18.4	18.9	21.3	20.0	20.5	26.4	25.7	26.1
17	12.0	11.2	11.6	20.0	18.2	18.8	21.8	20.7	21.1	26.6	25.9	26.3
18	12.7	11.3	11.8	19.9	18.5	19.1	21.6	20.4	20.9	26.7	26.1	26.4
19	12.7	11.8	12.2	20.2	18.6	19.3	21.5	20.4	20.8	27.7	26.2	26.8
20	13.6	12.5	13.0	19.8	18.5	19.1	21.1	20.6	20.8	28.3	26.6	27.3
21	14.0	11.9	13.1	20.1	18.7	19.3	21.3	20.5	20.9	28.2	27.3	27.6
22	13.4	11.7	12.6	19.0	18.2	18.6	22.3	20.7	21.4	28.2	27.1	27.6
23	15.3	12.6	13.9	19.3	17.8	18.6	23.2	22.2	22.6	28.0	27.5	27.7
24	14.4	12.9	13.6	20.1	19.2	19.7	24.0	22.9	23.3	28.4	27.5	27.9
25	14.6	12.7	13.5	19.5	18.2	18.7	24.0	23.2	23.6	29.0	28.0	28.4
26	13.6	13.0	13.4	18.7	18.0	18.3	24.2	23.6	23.8	29.1	28.2	28.6
27	13.6	12.7	13.2	19.2	17.8	18.3	24.5	23.5	23.9	29.0	28.3	28.6
28	14.3	13.5	13.9	19.7	18.2	18.8	24.4	23.3	23.7	29.3	28.4	28.8
29	14.8	13.9	14.3	20.1	19.0	19.3	24.1	23.5	23.7	29.6	28.8	29.1
30	---	---	---	20.4	18.7	19.4	23.9	22.3	23.1	29.6	28.9	29.2
31	---	---	---	20.6	19.4	19.9	---	---	---	30.0	28.9	29.3
MONTH	---	---	---	21.0	14.8	18.9	24.5	18.7	21.8	30.0	21.4	26.2

07381331 GULF INTRACOASTAL WATERWAY AT HOUMA, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.4	29.3	29.7	29.4	28.8	29.1	31.4	30.2	30.8	31.1	29.8	30.2
2	29.9	29.0	29.4	29.5	29.0	29.2	31.2	30.3	30.8	30.6	29.9	30.2
3	29.7	28.7	29.2	29.7	28.9	29.3	31.6	30.4	30.9	30.6	29.9	30.2
4	29.6	29.0	29.2	30.3	29.1	29.7	31.8	30.7	31.2	30.1	29.4	29.7
5	29.6	28.8	29.1	30.6	29.6	30.1	32.3	31.1	31.5	29.9	28.8	29.4
6	29.4	28.5	28.9	30.4	29.9	30.1	31.6	30.8	31.2	30.3	29.2	29.7
7	29.5	28.6	29.0	30.2	29.5	29.7	31.6	30.5	31.0	30.5	29.3	29.9
8	29.9	29.1	29.4	29.8	29.3	29.5	31.1	30.6	30.9	30.6	29.4	30.0
9	30.3	29.3	29.7	29.4	28.7	29.1	31.0	30.2	30.7	30.4	29.7	30.0
10	30.2	29.6	29.9	29.0	28.4	28.8	31.2	30.3	30.8	30.6	29.4	30.0
11	31.0	29.9	30.4	29.5	28.4	28.9	31.8	30.6	31.2	30.4	29.7	30.1
12	30.7	30.2	30.4	30.0	28.9	29.4	31.5	30.9	31.2	30.1	29.6	29.8
13	30.7	30.1	30.4	30.0	28.9	29.4	30.9	29.8	30.3	29.9	29.3	29.6
14	30.4	29.3	30.0	30.6	29.4	29.9	29.8	28.6	29.1	30.0	29.4	29.6
15	29.6	29.0	29.2	31.3	30.2	30.7	28.6	27.7	28.2	29.6	28.7	29.2
16	29.9	29.0	29.4	31.3	30.8	31.1	28.5	27.2	27.9	29.1	28.1	28.6
17	30.4	29.2	29.6	31.2	30.5	30.9	28.8	27.7	28.1	29.5	28.5	28.9
18	30.2	29.5	29.8	30.9	29.9	30.3	29.4	28.0	28.6	29.8	28.8	29.3
19	30.2	29.8	30.0	30.4	29.6	30.1	30.2	28.6	29.3	29.6	29.0	29.3
20	30.4	29.8	30.0	30.5	29.8	30.2	30.4	29.4	29.8	29.2	28.7	29.0
21	30.6	30.1	30.3	30.4	29.9	30.1	30.8	29.8	30.2	28.8	28.3	28.5
22	30.2	29.7	30.0	31.0	30.0	30.4	31.2	30.0	30.5	28.3	27.6	27.9
23	30.2	29.7	29.9	31.2	30.5	30.8	31.2	30.4	30.8	27.6	27.4	27.5
24	30.4	29.4	29.9	31.3	30.3	30.8	31.4	30.6	31.0	27.4	27.2	27.3
25	29.4	28.5	29.0	31.6	30.8	31.0	31.3	30.8	31.1	27.5	27.0	27.2
26	28.6	28.0	28.4	31.6	30.1	30.9	31.8	30.7	31.2	27.6	27.0	27.3
27	28.9	27.7	28.2	30.4	29.8	30.0	31.6	31.1	31.3	27.5	26.3	27.0
28	29.1	28.2	28.6	30.8	29.8	30.3	31.6	30.9	31.2	27.2	26.4	26.8
29	29.0	28.3	28.6	31.7	30.3	30.9	31.2	30.6	30.9	27.2	26.2	26.6
30	29.1	28.5	28.8	31.5	30.8	31.1	30.9	29.7	30.3	27.0	26.4	26.7
31	---	---	---	31.5	30.6	31.0	30.3	29.4	29.8	---	---	---
MONTH	31.0	27.7	29.5	31.7	28.4	30.1	32.3	27.2	30.4	31.1	26.2	28.9

073813375 BAYOU TERREBONNE AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA

LOCATION.-- Lat. 29° 23' 20", long 90° 35' 16", T. 19 S., R. 18 E., Terrebonne Parish, Hydrologic Unit 08090302, on the Bayou Terrebonne Control Structure, north of the Madison Canal Bridge along State Highway 55, 6.3 miles south of Montegut.

DRAINAGE AREA.-- Indeterminate.

PERIOD OF RECORD.--November 2001 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--ABOVE: Maximum gage height, 3.56 ft, Oct. 3, 2002; minimum recorded gage height, -1.15 ft, Jan. 23, 2003.

BELOW: Maximum gage height, 7.93 ft, Oct. 3, 2002; minimum gage height, -1.16 ft, Jan. 23, 2003.

EXTREMES FOR CURRENT YEAR.--ABOVE: Maximum gage height, 2.42 ft, Nov. 18; minimum gage height, -0.81 ft, Jan. 6.

BELOW: Maximum gage height, 3.16 ft, Sept. 23; minimum gage height, -0.80 ft, Jan. 6, Apr. 14.

GAGE HEIGHT, ABOVE, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.97	1.24	0.13	0.70	0.55	0.81	0.35	1.19	1.22	1.06	1.14	0.53
2	0.96	1.23	0.12	0.71	0.75	0.84	0.36	0.56	1.26	1.02	0.96	0.56
3	1.13	1.11	0.54	0.70	0.41	0.83	0.30	0.50	1.02	0.99	0.81	0.75
4	1.24	1.10	0.58	0.84	0.55	1.23	0.33	0.57	0.95	0.96	0.72	0.87
5	1.16	1.22	0.16	0.52	1.41	1.49	0.38	0.70	0.84	0.97	0.48	0.81
6	1.13	1.09	-0.26	-0.40	0.83	1.10	---	0.75	0.86	0.82	0.25	0.57
7	1.32	0.77	0.12	-0.01	-0.05	0.48	0.79	0.75	1.03	0.80	0.43	0.30
8	1.27	0.85	0.43	0.31	-0.06	---	0.55	0.72	1.11	0.91	0.85	0.26
9	1.44	0.74	0.87	0.31	0.21	---	0.44	0.84	1.11	0.91	0.82	0.70
10	2.00	0.98	0.38	-0.26	0.35	---	0.53	1.12	1.17	0.82	0.84	0.49
11	1.22	---	0.26	0.12	0.83	---	1.00	1.39	1.11	0.87	0.90	0.75
12	1.27	1.08	0.59	0.17	0.29	---	0.87	1.62	1.04	0.64	0.78	1.12
13	1.46	0.70	0.85	0.29	-0.12	---	-0.02	1.63	1.25	0.60	0.23	1.19
14	1.30	0.73	0.44	0.47	0.25	---	-0.19	1.66	1.27	0.61	0.39	1.55
15	0.91	1.02	0.74	0.42	-0.28	---	-0.01	1.49	1.37	0.71	0.54	1.40
16	1.07	1.15	0.65	0.55	-0.26	---	0.24	1.36	1.54	0.67	0.64	1.72
17	0.96	1.32	-0.41	1.11	-0.14	0.65	0.42	1.35	1.23	0.56	0.65	1.29
18	0.63	1.78	0.04	0.86	-0.30	0.84	0.56	1.39	1.02	0.41	0.78	1.10
19	0.99	0.31	-0.23	0.15	0.00	0.73	0.67	1.30	0.87	0.51	0.91	1.23
20	1.10	0.57	-0.03	0.14	0.50	0.72	0.84	1.12	0.79	0.58	0.94	1.46
21	1.01	0.71	0.22	0.24	0.30	0.31	1.14	0.94	0.86	0.64	0.73	1.54
22	0.68	0.71	0.46	0.20	0.57	0.08	1.52	1.08	1.05	0.58	0.70	1.42
23	0.84	1.16	0.56	0.29	0.77	0.82	1.29	1.32	1.05	0.44	0.78	1.68
24	1.01	0.31	0.02	0.46	1.02	0.90	1.31	1.31	1.04	0.57	0.84	1.77
25	1.20	0.56	0.37	0.99	0.74	1.28	1.29	1.13	1.09	0.52	0.82	1.28
26	1.03	0.93	0.36	0.86	0.20	1.01	0.86	0.96	0.73	0.47	0.75	1.03
27	0.56	1.40	0.50	-0.01	0.11	0.95	0.47	0.90	0.99	0.58	0.79	0.95
28	0.85	0.28	0.73	-0.22	0.25	1.03	0.83	0.85	0.89	0.70	0.79	0.52
29	1.03	0.14	1.08	0.08	0.59	0.83	1.16	0.95	0.94	0.82	0.80	0.53
30	1.32	0.21	0.43	0.34	---	0.52	1.25	1.77	1.07	0.87	0.74	0.65
31	1.01	---	0.70	0.31	---	0.25	---	1.46	---	1.02	0.64	---
MAX	2.00	---	1.08	1.11	1.41	---	---	1.77	1.54	1.06	1.14	1.77
MIN	0.56	---	-0.41	-0.40	-0.30	---	---	0.50	0.73	0.41	0.23	0.26

073813375 BAYOU TERREBONNE AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA—Continued

GAGE HEIGHT, BELOW, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.01	1.27	0.25	0.74	0.60	0.81	0.40	1.11	1.37	1.03	1.13	0.54
2	1.00	1.27	0.23	0.73	0.79	0.83	0.42	0.50	1.41	1.00	0.95	0.58
3	1.17	1.14	0.65	0.70	0.46	0.82	0.37	0.44	1.18	0.98	0.81	0.76
4	1.27	1.13	0.67	0.84	0.61	1.19	0.40	0.52	0.89	0.94	0.72	0.88
5	1.18	1.24	0.25	0.52	1.46	1.46	0.48	0.67	0.74	0.97	0.47	0.82
6	1.14	1.11	-0.15	-0.38	0.80	1.07	---	0.73	0.76	0.81	0.24	0.58
7	1.32	0.79	0.21	0.00	-0.06	0.42	0.90	0.75	0.94	0.71	0.44	0.31
8	1.26	0.88	0.52	0.48	-0.05	0.01	0.65	0.74	1.02	0.81	0.84	0.26
9	1.42	0.78	0.96	0.47	0.22	-0.01	0.56	0.86	1.02	0.90	0.80	0.67
10	1.98	1.03	0.44	-0.14	0.34	-0.16	0.67	1.16	1.10	0.82	0.82	0.45
11	1.21	---	0.34	0.26	0.85	0.11	0.88	1.41	1.03	0.88	0.89	0.72
12	1.27	1.14	0.68	0.30	0.30	0.18	0.65	1.69	0.97	0.65	0.76	1.08
13	1.46	0.76	0.93	0.36	-0.08	0.37	-0.23	1.70	1.18	0.61	0.21	1.15
14	1.29	0.84	0.52	0.54	0.32	0.45	-0.39	1.72	1.19	0.61	0.36	1.51
15	0.92	1.13	0.83	0.47	-0.20	0.54	-0.19	1.56	1.29	0.71	0.51	1.29
16	1.10	1.26	0.73	0.60	-0.15	---	0.06	1.43	1.47	0.67	0.61	1.70
17	1.12	1.40	-0.32	1.16	-0.03	0.63	0.25	1.43	1.15	0.56	0.62	1.27
18	---	1.91	0.11	0.90	-0.19	0.77	0.40	1.47	0.96	0.41	0.76	1.09
19	1.04	0.37	-0.18	0.21	0.10	0.67	0.53	1.39	0.81	0.52	0.89	1.22
20	1.13	0.67	0.03	0.19	0.49	0.69	0.71	1.23	0.74	0.59	0.92	1.45
21	1.04	0.81	0.29	0.29	0.42	0.30	1.02	1.05	0.81	0.65	0.69	1.53
22	0.70	0.80	0.52	0.24	0.71	0.07	1.40	1.18	1.00	0.59	0.68	1.64
23	0.86	1.23	0.59	0.33	0.91	0.82	1.17	1.42	0.98	0.44	0.75	2.19
24	1.02	0.38	0.05	0.49	1.17	0.90	1.20	1.41	0.98	0.57	0.82	1.76
25	1.21	0.68	0.41	1.02	0.90	1.30	1.19	1.24	1.01	0.52	0.78	1.26
26	1.04	1.05	0.42	0.88	0.26	1.05	0.74	1.08	0.68	0.47	0.72	1.01
27	0.60	1.49	0.56	0.02	0.10	0.99	0.37	1.01	0.94	0.58	0.76	0.94
28	0.91	0.38	0.78	-0.16	0.23	1.08	0.74	0.95	0.85	0.69	0.76	0.52
29	1.08	0.24	1.08	0.12	0.59	0.89	1.06	1.08	0.90	0.81	0.75	0.53
30	1.37	0.33	0.45	0.38	---	0.59	1.15	1.89	1.04	0.87	0.70	0.65
31	1.04	---	0.74	0.36	---	0.30	---	1.59	---	1.01	0.63	---
MAX	---	---	1.08	1.16	1.46	---	---	1.89	1.47	1.03	1.13	2.19
MIN	---	---	-0.32	-0.38	-0.20	---	---	0.44	0.68	0.41	0.21	0.26

LOCATION.-- Lat. 29° 23'12", long 90° 37'05", T. 19 S., R. 18 E., Terrebonne Parish, Hydrologic Unit 08090302, on the Bayou Petit Caillou Control Structure, off the Boudreaux Canal Road, south of Chauvin.

PERIOD OF RECORD.--November 2001 to current year.

GAGE.-- Water-stage recorder. Datum of gage is unknown. Levels set to staff gages established by Corps of Engineers.

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

EXTREMES FOR PERIOD OF RECORD.--ABOVE: Maximum gage height, 2.94 ft, Sept. 26, 2002; minimum recorded gage height, -0.86 ft, Jan. 23, 2003.
BELOW: Maximum gage height, 6.76 ft, Oct. 3, 2002; minimum recorded gage height, -0.84 ft, Jan. 23, 2003.

EXTREMES FOR CURRENT YEAR.--ABOVE: Maximum gage height, 2.31 ft, Sept. 24; minimum gage height, -0.51 ft, Apr. 14.
BELOW: Maximum gage height, 3.07 ft, Sept. 23; minimum gage height, -0.50 ft, Apr. 14.

[illegible]

07381343 BAYOU PETIT CALLIOU AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA—Continued

GAGE HEIGHT, ABOVE, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	1.38	0.49	0.90	0.96	0.15	0.56	1.54	0.92	1.27
2	---	---	---	1.29	0.61	0.97	0.92	0.24	0.58	1.01	0.29	0.72
3	---	---	---	1.40	0.54	0.96	0.85	0.26	0.53	0.92	0.21	0.62
4	---	---	---	1.80	0.94	1.28	0.74	0.35	0.56	1.09	0.15	0.66
5	---	---	---	1.99	1.19	1.54	0.86	0.42	0.64	1.20	0.31	0.79
6	---	---	---	1.97	0.93	1.26	1.19	0.60	0.94	1.35	0.29	0.84
7	---	---	---	1.11	0.35	0.64	1.37	0.62	1.05	1.43	0.33	0.87
8	---	---	---	0.51	0.00	0.24	1.19	0.45	0.81	1.42	0.32	0.85
9	---	---	---	0.26	-0.07	0.16	1.29	0.18	0.73	1.60	0.33	0.96
10	---	---	---	0.47	-0.36	0.04	1.28	0.27	0.80	1.83	0.66	1.23
11	1.35	0.62	0.95	0.58	-0.05	0.26	1.83	0.48	1.05	2.03	0.94	1.49
12	1.00	0.22	0.56	0.79	-0.12	0.32	1.48	0.51	0.82	2.09	1.40	1.76
13	0.49	-0.15	0.10	1.01	0.04	0.51	0.60	-0.22	0.04	2.09	1.48	1.79
14	---	---	---	1.10	0.12	0.60	0.14	-0.51	-0.19	2.11	1.67	1.83
15	0.37	-0.28	0.03	1.25	0.20	0.70	0.35	-0.40	-0.04	2.00	1.25	1.70
16	0.52	-0.37	0.01	1.17	0.25	0.73	0.49	-0.05	0.19	1.78	1.27	1.56
17	0.55	-0.31	0.11	1.28	0.31	0.77	0.63	0.24	0.39	1.79	1.14	1.56
18	0.47	-0.37	-0.01	1.28	0.56	0.91	0.69	0.33	0.54	2.02	1.10	1.59
19	0.74	-0.17	0.21	1.22	0.47	0.82	0.90	0.36	0.66	1.96	1.09	1.51
20	0.94	0.18	0.57	1.15	0.67	0.84	1.18	0.36	0.82	1.78	0.99	1.37
21	0.96	0.13	0.55	0.93	0.13	0.52	1.51	0.53	1.09	1.56	0.80	1.19
22	1.10	0.62	0.82	0.59	-0.03	0.30	1.94	1.03	1.47	1.76	0.74	1.28
23	1.22	0.81	1.03	1.34	0.38	0.95	1.69	0.89	1.30	1.99	0.98	1.49
24	1.45	1.02	1.32	1.35	0.68	1.05	1.80	0.86	1.32	1.85	1.16	1.50
25	1.20	0.82	1.06	1.83	1.05	1.42	1.82	0.78	1.29	1.67	1.05	1.35
26	0.82	0.28	0.51	1.59	0.84	1.21	1.43	0.57	0.94	1.54	0.87	1.19
27	0.63	-0.01	0.31	1.56	0.68	1.14	1.01	0.12	0.57	1.35	0.86	1.11
28	0.86	-0.01	0.40	1.56	0.85	1.23	1.45	0.30	0.85	1.27	0.79	1.05
29	1.01	0.37	0.71	1.42	0.67	1.06	1.38	0.95	1.18	1.38	0.89	1.14
30	---	---	---	1.20	0.33	0.80	1.48	1.16	1.29	2.11	1.38	1.86
31	---	---	---	1.03	0.28	0.51	---	---	---	2.12	0.98	1.67
MONTH	---	---	---	1.99	-0.36	0.79	1.94	-0.51	0.76	2.12	0.15	1.28
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.93	0.91	1.46	1.69	0.55	1.13	1.68	0.61	1.18	0.77	0.49	0.61
2	2.03	0.90	1.50	1.72	0.50	1.10	1.36	0.63	1.03	0.89	0.42	0.64
3	1.70	0.83	1.29	1.68	0.49	1.08	1.15	0.63	0.90	0.98	0.64	0.82
4	1.56	0.58	1.04	1.57	0.51	1.04	0.99	0.52	0.79	1.28	0.63	0.98
5	1.40	0.38	0.88	1.52	0.56	1.05	0.74	0.35	0.55	1.40	0.61	1.01
6	1.41	0.35	0.87	1.24	0.59	0.92	0.55	0.13	0.35	1.17	0.33	0.79
7	1.43	0.59	1.02	1.07	0.50	0.81	0.72	0.24	0.51	0.88	0.07	0.53
8	1.49	0.68	1.10	1.04	0.71	0.89	1.31	0.43	0.91	0.81	0.11	0.46
9	1.35	0.79	1.12	1.29	0.71	0.99	1.30	0.46	0.87	1.20	0.38	0.83
10	1.34	1.07	1.18	1.21	0.51	0.91	1.30	0.39	0.88	0.88	0.30	0.65
11	1.29	0.81	1.12	1.31	0.53	0.95	1.34	0.50	0.93	1.23	0.32	0.88
12	1.29	0.79	1.06	1.09	0.23	0.75	1.28	0.20	0.85	1.55	0.69	1.23
13	1.44	0.93	1.24	1.06	0.24	0.69	0.74	-0.01	0.38	1.57	1.09	1.32
14	1.61	0.79	1.29	1.08	0.23	0.69	0.92	-0.06	0.46	1.97	1.30	1.69
15	1.85	0.79	1.36	1.28	0.21	0.77	1.00	0.09	0.59	1.78	0.82	1.50
16	2.10	0.93	1.52	1.19	0.29	0.74	1.06	0.28	0.69	2.25	0.81	1.79
17	1.67	0.74	1.25	1.01	0.22	0.63	1.03	0.35	0.69	1.84	1.06	1.43
18	1.50	0.64	1.07	0.84	0.15	0.50	1.06	0.52	0.82	1.85	0.77	1.28
19	1.36	0.51	0.92	1.11	0.10	0.61	1.09	0.73	0.94	1.88	0.89	1.37
20	1.37	0.36	0.85	1.09	0.21	0.66	1.14	0.84	0.98	2.17	1.16	1.60
21	1.38	0.39	0.91	0.98	0.43	0.73	1.03	0.51	0.78	2.23	1.21	1.67
22	1.52	0.55	1.06	0.82	0.44	0.66	1.09	0.38	0.75	1.82	1.18	1.45
23	1.40	0.66	1.06	0.64	0.45	0.54	1.26	0.34	0.82	1.81	1.25	1.47
24	1.62	0.61	1.06	0.86	0.43	0.64	1.37	0.36	0.87	2.31	1.30	1.88
25	1.48	0.89	1.11	0.87	0.24	0.61	1.40	0.29	0.85	1.73	0.96	1.46
26	1.10	0.62	0.82	0.80	0.15	0.56	1.29	0.28	0.80	1.45	0.90	1.20
27	1.40	0.57	1.03	1.08	0.22	0.65	1.34	0.28	0.84	1.41	0.81	1.10
28	1.34	0.52	0.96	1.21	0.25	0.76	1.29	0.33	0.84	1.00	0.58	0.75
29	1.46	0.55	1.01	1.41	0.25	0.87	1.28	0.35	0.84	1.01	0.49	0.73
30	1.61	0.55	1.13	1.51	0.32	0.93	1.18	0.39	0.80	1.12	0.47	0.79
31	---	---	---	1.66	0.41	1.06	1.02	0.46	0.72	---	---	---
MONTH	2.10	0.35	1.11	1.72	0.10	0.80	1.68	-0.06	0.78	2.31	0.07	1.13

07381343 BAYOU PETIT CALLIOU AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA—Continued

GAGE HEIGHT, BELOW, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	0.59	0.19	0.39	1.11	0.54	0.84
2	---	---	---	---	---	---	0.60	0.19	0.37	1.14	0.47	0.83
3	---	---	---	---	---	---	0.97	0.54	0.74	1.22	0.41	0.79
4	---	---	---	---	---	---	1.05	0.45	0.77	1.36	0.48	0.89
5	---	---	---	---	---	---	0.97	0.17	0.45	1.35	0.38	0.68
6	---	---	---	---	---	---	0.43	-0.31	0.05	0.44	-0.42	-0.06
7	---	---	---	---	---	---	0.90	-0.06	0.33	0.84	-0.19	0.17
8	---	---	---	---	---	---	1.16	0.22	0.62	1.06	0.15	0.59
9	---	---	---	---	---	---	1.56	0.53	1.01	1.27	0.18	0.63
10	---	---	---	---	---	---	1.60	0.08	0.63	0.42	-0.31	0.07
11	---	---	---	---	---	---	1.03	0.11	0.48	---	---	---
12	---	---	---	---	---	---	1.22	0.36	0.79	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	0.99	0.32	0.69	---	---	---
15	---	---	---	---	---	---	1.24	0.64	0.92	0.76	0.39	0.57
16	---	---	---	---	---	---	1.47	0.16	0.88	1.21	0.22	0.67
17	---	---	---	---	---	---	0.35	-0.27	-0.04	1.70	0.67	1.18
18	---	---	---	---	---	---	0.36	0.13	0.23	1.54	0.70	1.01
19	---	---	---	---	---	---	0.28	-0.34	0.00	0.94	-0.01	0.41
20	---	---	---	---	---	---	0.78	-0.30	0.15	0.93	-0.07	0.35
21	---	---	---	1.23	0.65	0.92	1.03	-0.09	0.40	0.96	-0.03	0.42
22	---	---	---	1.58	0.44	0.88	1.25	0.13	0.61	0.88	-0.07	0.36
23	---	---	---	1.72	0.84	1.26	1.30	0.40	0.70	0.80	0.03	0.42
24	---	---	---	1.53	0.11	0.65	0.78	-0.19	0.23	0.90	0.21	0.56
25	---	---	---	1.51	0.33	0.81	0.98	0.08	0.53	---	---	---
26	---	---	---	1.71	0.59	1.13	1.03	0.11	0.55	---	---	---
27	---	---	---	2.08	1.00	1.53	1.02	0.30	0.66	---	---	---
28	---	---	---	1.72	0.12	0.61	1.15	0.52	0.86	---	---	---
29	---	---	---	0.72	0.12	0.44	1.54	0.56	1.16	---	---	---
30	---	---	---	0.83	0.14	0.48	1.01	0.34	0.63	---	---	---
31	---	---	---	---	---	---	1.01	0.68	0.85	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	1.33	0.44	0.86	0.93	0.12	0.53	1.55	0.93	1.29
2	---	---	---	1.24	0.56	0.92	0.88	0.21	0.54	1.03	0.32	0.75
3	---	---	---	1.34	0.54	0.91	0.80	0.22	0.49	0.96	0.25	0.65
4	---	---	---	1.74	0.87	1.21	0.69	0.29	0.51	1.14	0.19	0.70
5	---	---	---	1.93	1.12	1.47	0.82	0.37	0.60	1.23	0.35	0.82
6	---	---	---	1.90	0.81	1.18	1.15	0.56	0.91	1.38	0.33	0.87
7	---	---	---	1.03	0.28	0.57	1.32	0.57	1.01	1.46	0.36	0.89
8	---	---	---	0.44	-0.06	0.17	1.15	0.41	0.77	1.44	0.35	0.88
9	---	---	---	0.20	-0.13	0.10	1.24	0.14	0.69	1.62	0.36	0.98
10	---	---	---	0.42	-0.41	-0.01	1.23	0.23	0.75	1.82	0.68	1.24
11	1.32	0.59	0.91	0.54	-0.10	0.22	1.80	0.43	1.01	2.01	0.94	1.47
12	0.97	0.10	0.51	0.75	-0.17	0.28	1.44	0.49	0.79	2.08	1.38	1.74
13	0.53	-0.20	0.15	0.97	0.00	0.47	0.57	-0.23	0.03	2.07	1.46	1.77
14	0.82	0.09	0.45	1.05	0.07	0.56	0.13	-0.50	-0.19	2.09	1.65	1.81
15	0.35	-0.30	0.01	1.20	0.16	0.65	0.34	-0.40	-0.04	2.02	1.25	1.69
16	0.49	-0.40	-0.01	1.11	0.20	0.68	0.49	-0.08	0.19	1.79	1.26	1.56
17	0.53	-0.33	0.09	1.22	0.25	0.72	0.62	0.23	0.38	1.80	1.13	1.55
18	0.44	-0.40	-0.03	1.22	0.50	0.85	0.68	0.30	0.52	2.01	1.10	1.58
19	0.71	-0.19	0.19	1.16	0.39	0.76	0.90	0.34	0.64	1.96	1.07	1.51
20	0.92	0.14	0.53	1.08	0.60	0.77	1.17	0.33	0.80	1.78	0.98	1.36
21	0.92	0.09	0.51	0.86	0.06	0.45	1.48	0.51	1.07	1.54	0.79	1.17
22	1.05	0.57	0.77	0.53	-0.09	0.24	1.94	1.03	1.46	1.74	0.73	1.26
23	1.19	0.77	0.98	1.29	0.32	0.90	1.67	0.88	1.28	1.96	0.96	1.47
24	1.40	0.97	1.27	1.31	0.63	1.00	1.77	0.83	1.29	1.82	1.14	1.48
25	1.16	0.77	1.02	1.78	0.99	1.36	1.80	0.76	1.27	1.65	1.03	1.33
26	0.77	0.24	0.47	1.53	0.79	1.16	1.40	0.56	0.92	1.52	0.85	1.18
27	0.60	-0.05	0.28	1.50	0.63	1.09	1.00	0.13	0.56	1.35	0.84	1.10
28	0.83	-0.04	0.37	1.50	0.80	1.17	1.44	0.30	0.85	1.28	0.81	1.04
29	0.99	0.33	0.68	1.36	0.61	1.00	1.37	0.96	1.18	1.35	0.85	1.12
30	---	---	---	1.14	0.28	0.74	1.50	1.17	1.30	2.08	1.35	1.84
31	---	---	---	0.96	0.23	0.47	---	---	---	2.09	0.96	1.65
MONTH	---	---	---	1.93	-0.41	0.74	1.94	-0.50	0.74	2.09	0.19	1.28

07381343 BAYOU PETIT CALLIOU AT CONTROL STRUCTURE NEAR LAPEYROUSE, LA—Continued

GAGE HEIGHT, BELOW, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	1.91	0.89	1.43	1.67	0.54	1.11	1.69	0.62	1.19	0.78	0.51	0.62
2	2.00	0.88	1.47	1.69	0.47	1.08	1.36	0.62	1.03	0.90	0.44	0.65
3	1.69	0.82	1.28	1.66	0.48	1.06	1.15	0.63	0.90	1.00	0.65	0.84
4	1.55	0.57	1.03	1.54	0.50	1.02	1.00	0.52	0.80	1.34	0.63	0.97
5	1.40	0.37	0.87	1.48	0.54	1.03	0.75	0.36	0.57	1.31	0.51	0.92
6	1.38	0.34	0.86	1.22	0.58	0.90	0.59	0.10	0.36	1.08	0.22	0.70
7	1.41	0.58	1.01	1.04	0.49	0.79	0.73	0.25	0.51	0.80	-0.02	0.48
8	1.47	0.66	1.08	1.03	0.68	0.88	1.32	0.44	0.92	0.73	0.02	0.38
9	1.33	0.78	1.10	1.27	0.71	0.99	1.32	0.48	0.89	1.13	0.29	0.74
10	1.35	1.03	1.16	1.25	0.49	0.90	1.33	0.41	0.89	0.81	0.20	0.57
11	1.27	0.77	1.09	1.30	0.51	0.93	1.35	0.52	0.94	1.18	0.23	0.81
12	1.27	0.75	1.03	1.09	0.20	0.73	1.28	0.22	0.87	1.49	0.62	1.16
13	1.42	0.90	1.22	1.03	0.21	0.68	0.76	0.01	0.40	1.50	1.01	1.24
14	1.60	0.82	1.27	1.07	0.22	0.67	0.98	-0.03	0.51	1.89	1.22	1.60
15	1.83	0.80	1.35	1.25	0.20	0.75	1.06	0.15	0.64	1.86	0.73	1.45
16	2.09	0.92	1.51	1.17	0.27	0.71	1.12	0.34	0.74	2.19	0.73	1.73
17	1.67	0.74	1.24	0.99	0.21	0.61	1.08	0.40	0.74	1.76	1.01	1.37
18	1.48	0.62	1.05	0.83	0.13	0.49	1.08	0.56	0.85	1.77	0.68	1.20
19	1.35	0.49	0.90	1.10	0.10	0.60	1.11	0.76	0.97	1.82	0.79	1.29
20	1.34	0.34	0.83	1.08	0.21	0.65	1.15	0.83	0.99	2.09	1.07	1.52
21	1.37	0.38	0.89	0.96	0.42	0.72	1.04	0.52	0.79	2.17	1.15	1.62
22	1.51	0.54	1.04	0.81	0.43	0.65	1.11	0.34	0.76	2.38	1.13	1.73
23	1.39	0.65	1.04	0.62	0.43	0.52	1.29	0.34	0.83	3.07	1.46	2.24
24	1.57	0.59	1.04	0.85	0.42	0.62	1.38	0.37	0.89	2.28	1.23	1.88
25	1.48	0.89	1.10	0.86	0.21	0.60	1.37	0.31	0.87	1.68	0.87	1.40
26	1.10	0.61	0.82	0.80	0.16	0.56	1.29	0.30	0.82	1.41	0.84	1.15
27	1.41	0.57	1.03	1.09	0.23	0.67	1.35	0.30	0.86	1.34	0.76	1.04
28	1.33	0.51	0.95	1.22	0.26	0.77	1.31	0.34	0.86	0.93	0.51	0.69
29	1.48	0.53	0.99	1.42	0.26	0.88	1.31	0.37	0.87	0.96	0.41	0.67
30	1.59	0.54	1.11	1.52	0.32	0.93	1.21	0.42	0.83	1.05	0.42	0.73
31	---	---	---	1.66	0.43	1.07	1.04	0.49	0.74	---	---	---
MONTH	2.09	0.34	1.09	1.69	0.10	0.79	1.69	-0.03	0.80	3.07	-0.02	1.11

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA

LOCATION.--Lat. 29° 15'08", Long. 90° 55'18", T. 21 S., R. 15 E., Mechant, La., Terrebonne Parish, Hydrologic Unit 08090302, on dock at Wildlife and Fisheries camp 9.0 mi. southwest of Bayou Du Large and 13 mi. southwest of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 4.37 ft, June 30, 2003; minimum recorded gage height, -1.52 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.32 ft, Sept. 23; minimum gage height, -1.23 ft, Jan. 6.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.29	0.69	1.56	2.23	0.77	1.57	1.03	0.34	0.63	1.47	0.53	1.08
2	2.39	0.72	1.51	2.25	0.93	1.61	1.20	0.13	0.64	1.63	0.30	1.04
3	2.47	0.90	1.73	1.78	1.12	1.50	1.26	0.71	1.09	1.64	0.17	0.99
4	2.31	1.01	1.75	1.84	1.30	1.54	1.31	0.42	0.96	1.83	0.24	1.13
5	2.13	0.76	1.58	1.82	1.27	1.58	1.12	0.04	0.61	1.64	0.24	0.76
6	1.93	0.98	1.57	1.82	1.15	1.46	1.03	-0.61	0.30	1.05	-1.23	0.03
7	1.99	1.30	1.72	1.54	0.44	1.09	1.51	-0.27	0.67	1.81	-0.45	0.54
8	1.81	1.33	1.61	1.95	0.49	1.27	1.81	-0.10	0.86	1.93	0.00	0.97
9	1.92	1.46	1.77	1.84	0.26	1.14	2.43	0.38	1.39	1.89	-0.21	0.75
10	2.59	1.83	2.20	2.21	0.58	1.40	2.05	-0.32	0.55	1.35	-0.67	0.34
11	1.83	0.88	1.43	2.22	0.72	1.52	1.88	-0.24	0.78	1.36	0.02	0.72
12	2.20	1.01	1.61	2.22	0.63	1.43	1.92	0.09	1.07	1.09	0.07	0.64
13	2.20	1.27	1.79	2.08	-0.15	0.96	1.96	0.69	1.34	1.11	0.34	0.72
14	2.18	0.84	1.53	2.26	0.65	1.35	1.60	0.21	0.97	1.28	0.70	0.95
15	2.02	0.85	1.32	2.31	0.67	1.51	1.91	0.69	1.25	1.06	0.57	0.84
16	2.09	0.73	1.40	2.18	0.88	1.58	1.96	-0.08	0.92	1.66	0.09	0.96
17	2.00	0.58	1.30	2.49	1.20	1.78	0.93	-0.81	0.07	2.15	0.63	1.46
18	---	---	---	2.78	1.62	2.28	0.86	0.24	0.60	1.66	0.35	1.18
19	1.92	0.81	1.48	1.62	-0.24	0.49	0.85	-0.52	0.25	1.31	-0.91	0.41
20	2.09	0.80	1.50	1.81	0.53	1.18	1.45	-0.48	0.54	1.60	-0.63	0.55
21	1.75	0.90	1.42	1.77	0.72	1.15	1.74	-0.39	0.80	1.52	-0.52	0.61
22	1.52	0.76	1.15	2.14	0.08	1.13	2.00	-0.14	0.99	1.50	-0.59	0.51
23	1.45	1.05	1.25	2.34	0.73	1.62	1.91	0.24	0.97	1.42	-0.28	0.67
24	1.72	0.94	1.41	2.06	-0.85	0.61	1.73	-0.66	0.53	1.68	0.09	0.90
25	2.08	0.80	1.52	2.42	0.00	1.15	1.70	-0.24	0.80	1.94	0.67	1.26
26	2.08	0.42	1.22	2.50	0.34	1.42	1.67	-0.18	0.82	1.44	0.95	1.21
27	2.10	-0.20	0.95	2.66	0.80	1.81	1.70	0.12	1.00	1.10	-0.22	0.21
28	2.24	0.39	1.38	2.23	-1.00	0.24	1.81	0.48	1.20	1.08	-0.48	0.37
29	2.44	0.40	1.42	1.41	-0.06	0.68	1.94	0.46	1.31	1.14	-0.10	0.57
30	2.65	0.70	1.67	1.41	-0.03	0.63	1.48	0.18	0.91	1.58	0.16	0.70
31	2.19	0.37	1.27	---	---	---	1.38	0.77	1.14	1.70	0.02	0.82
MONTH	---	---	---	2.78	-1.00	1.29	2.43	-0.81	0.84	2.15	-1.23	0.77

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.95	0.35	1.28	1.90	0.35	1.27	1.49	-0.01	0.88	1.84	0.61	1.47
2	2.13	0.54	1.34	1.71	0.45	1.20	1.32	0.12	0.82	1.80	0.07	0.94
3	1.70	-0.32	0.83	1.89	0.34	1.16	1.29	0.19	0.82	1.41	-0.08	0.88
4	2.57	-0.08	0.98	2.22	0.78	1.54	1.32	0.49	0.88	1.53	-0.02	0.93
5	2.57	1.13	1.86	2.28	0.95	1.73	1.28	0.60	0.94	1.63	-0.04	1.03
6	2.14	0.19	0.94	2.28	0.61	1.21	1.57	0.70	1.21	1.93	-0.03	1.10
7	0.99	-0.41	0.31	1.38	0.01	0.69	1.72	0.30	1.23	1.95	-0.03	1.12
8	1.04	-0.25	0.36	0.76	-0.30	0.37	1.74	-0.14	1.06	2.02	-0.02	1.14
9	1.09	0.13	0.69	0.79	-0.45	0.50	1.89	-0.29	1.03	2.09	0.13	1.28
10	1.00	0.46	0.73	1.18	-0.78	0.31	1.86	0.03	1.05	2.19	0.47	1.47
11	1.76	0.76	1.28	1.06	-0.04	0.60	2.40	0.20	1.25	2.22	0.92	1.72
12	1.11	-0.14	0.65	1.32	-0.20	0.70	1.60	0.26	1.08	2.36	1.37	1.96
13	1.26	-0.52	0.43	1.56	-0.06	0.85	0.74	-0.83	0.08	2.30	1.38	1.90
14	1.86	0.13	0.91	1.71	-0.11	0.92	0.70	-0.96	-0.01	2.30	1.52	1.87
15	0.94	-0.81	0.11	1.88	0.02	1.01	0.86	-0.40	0.32	2.11	1.11	1.67
16	1.09	-0.82	0.33	1.64	0.11	1.01	0.96	0.09	0.52	1.91	1.12	1.64
17	1.26	-0.62	0.44	1.78	-0.03	1.03	1.19	0.29	0.68	2.09	0.85	1.63
18	1.21	-0.91	0.21	1.74	0.55	1.13	1.28	0.31	0.86	2.22	0.80	1.68
19	1.68	-0.34	0.64	1.59	0.37	0.97	1.43	0.14	0.90	2.28	0.76	1.66
20	1.70	0.09	0.92	1.53	0.71	1.04	1.68	0.23	1.09	2.17	0.53	1.52
21	1.68	-0.20	0.85	1.40	0.07	0.77	2.01	0.47	1.39	1.99	0.53	1.35
22	1.78	0.69	1.14	1.11	0.03	0.65	2.32	0.63	1.61	2.21	0.56	1.56
23	1.59	0.72	1.18	1.64	0.63	1.30	1.95	0.58	1.31	2.37	0.91	1.75
24	1.90	1.03	1.55	1.61	0.85	1.27	2.15	0.54	1.40	2.29	1.15	1.74
25	1.77	0.48	1.38	2.17	0.79	1.56	2.16	0.46	1.38	2.16	1.00	1.58
26	1.08	0.07	0.60	1.89	0.74	1.37	1.41	0.39	0.99	2.00	0.74	1.39
27	1.14	-0.09	0.60	1.92	0.59	1.33	1.58	-0.36	0.76	1.81	0.79	1.30
28	1.24	-0.16	0.64	1.99	0.71	1.38	1.75	0.05	1.05	1.72	0.98	1.30
29	1.65	0.35	1.05	1.88	0.56	1.26	1.65	0.92	1.33	1.80	1.08	1.37
30	---	---	---	1.82	-0.09	1.04	1.72	1.09	1.26	2.34	1.65	2.04
31	---	---	---	1.37	0.18	0.85	---	---	---	2.37	0.60	1.61
MONTH	2.57	-0.91	0.84	2.28	-0.78	1.03	2.40	-0.96	0.97	2.37	-0.08	1.47
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.27	0.41	1.50	2.18	0.00	1.30	2.05	0.25	1.39	1.19	0.63	0.92
2	2.48	0.40	1.56	2.22	0.01	1.32	1.67	0.38	1.19	1.43	0.53	0.96
3	2.17	-0.06	1.36	2.22	0.01	1.31	1.44	0.38	1.08	1.44	0.59	1.05
4	1.94	-0.15	1.06	2.02	0.19	1.24	1.31	0.35	1.00	1.68	0.57	1.15
5	1.74	-0.23	0.94	1.96	0.26	1.26	1.12	0.49	0.83	1.71	0.43	1.11
6	1.94	-0.32	1.03	1.52	0.32	1.04	0.98	0.32	0.59	1.62	0.20	0.93
7	2.07	0.21	1.27	1.37	0.31	1.00	1.40	0.47	0.91	1.31	-0.10	0.63
8	1.78	0.50	1.29	1.43	0.79	1.09	1.74	0.44	1.19	1.08	0.13	0.62
9	1.69	0.70	1.26	1.47	0.63	1.15	1.80	0.43	1.20	1.59	0.34	1.04
10	1.70	1.13	1.37	1.56	0.30	1.00	1.80	0.18	1.07	1.25	0.03	0.70
11	1.58	0.76	1.30	1.67	0.39	1.10	1.82	0.39	1.14	1.49	0.49	1.09
12	1.63	0.69	1.25	1.48	-0.09	0.84	1.74	-0.25	0.94	1.71	0.83	1.37
13	1.80	0.91	1.42	1.52	0.03	0.86	1.32	-0.25	0.63	1.68	1.08	1.40
14	1.93	0.53	1.39	1.45	-0.04	0.83	1.57	0.03	0.89	2.01	1.32	1.74
15	2.22	0.64	1.54	1.67	-0.11	0.95	1.48	0.18	0.97	2.13	1.44	1.79
16	2.44	0.58	1.64	1.52	-0.13	0.87	1.55	0.30	1.01	2.93	1.71	2.43
17	1.98	0.29	1.31	1.44	-0.17	0.80	1.40	0.39	0.97	2.12	1.03	1.66
18	1.94	0.20	1.19	1.25	-0.40	0.64	1.30	0.58	1.09	2.13	0.51	1.35
19	1.75	0.10	1.09	1.57	-0.40	0.76	1.41	0.83	1.21	2.07	0.82	1.48
20	1.79	0.10	1.05	1.38	-0.08	0.80	1.46	1.00	1.20	2.57	0.96	1.75
21	1.79	0.21	1.17	1.19	0.31	0.85	1.42	0.46	1.00	2.56	0.84	1.73
22	1.91	0.42	1.30	1.02	0.31	0.77	1.48	0.27	0.99	2.83	0.72	1.80
23	1.86	0.50	1.25	0.93	0.46	0.66	1.79	0.16	1.04	3.32	1.26	2.31
24	2.06	0.53	1.31	1.24	0.45	0.84	1.92	0.17	1.09	2.59	0.91	1.87
25	2.03	0.77	1.32	1.14	-0.01	0.70	1.94	-0.05	1.03	1.99	0.51	1.44
26	1.39	0.68	0.96	1.13	0.08	0.65	1.78	-0.06	0.98	1.57	0.85	1.30
27	1.77	0.40	1.20	1.48	-0.05	0.83	1.81	-0.02	1.05	1.76	0.73	1.31
28	1.70	0.35	1.10	1.55	-0.22	0.83	1.73	0.13	1.08	1.09	0.21	0.71
29	1.94	0.15	1.16	1.83	-0.11	1.02	1.68	0.14	1.07	1.37	0.16	0.81
30	2.01	0.19	1.28	2.01	0.02	1.19	1.64	0.14	1.06	1.35	0.34	0.92
31	---	---	---	2.00	0.14	1.29	1.57	0.36	1.01	---	---	---
MONTH	2.48	-0.32	1.26	2.22	-0.40	0.96	2.05	-0.25	1.03	3.32	-0.10	1.31

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURES: July 1992 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Jan. 20-Feb. 11, Mar. 28-Apr. 3, July 9-26, Aug. 11-Sept. 1, 15-30 when records good; Apr. 4-8 when records fair; Oct. 1-7, Apr. 9-23, May 12-26, and June 1-30 when records poor.

SALINITY: Records excellent except for Jan. 20-Feb. 11, Mar. 28-Apr. 3, July 9-26, Aug. 11-Sept. 1, 15-30 when records good; Apr. 4-8 when records fair; Oct. 1-7, Apr. 9-23, May 12-26, and June 1-30 when records poor.

WATER TEMPERATURES: Records good except for Apr. 26-May 26 and June 6-19 when records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 48,100 microsiemens/cm, Nov. 8, 2000; minimum recorded, 588 microsiemens/cm, July 4, 1997.

SALINITY: Maximum recorded, 25.4 ppt, Sept. 23, 2004; minimum recorded, 0.5 ppt, July 19, 2004.

WATER TEMPERATURES: Maximum recorded, 34.9°C, July 21, 2002, but may have been higher during period of missing record; minimum recorded, 0.9°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 39,900 microsiemens/cm, Sept. 23; minimum, 1,110 microsiemens/cm, July 19.

SALINITY: Maximum, 25.4 ppt, Sept. 23; minimum, 0.5 ppt, July 19.

WATER TEMPERATURE: Maximum, 33.3°C, July 30; minimum, 9.1°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22,700	20,800	21,900	29,000	26,100	27,300	22,300	18,500	20,800	23,000	12,000	17,200
2	24,300	22,100	23,000	30,000	26,900	28,700	25,500	16,800	20,500	24,900	11,000	17,900
3	25,900	22,500	24,300	30,000	25,200	28,100	27,100	21,900	25,000	23,500	11,400	17,000
4	26,900	23,700	25,000	31,600	25,100	27,800	28,900	16,800	24,100	25,100	14,100	19,400
5	26,800	22,700	25,000	33,200	24,700	29,300	27,800	14,800	17,700	25,100	12,600	17,600
6	26,200	23,100	24,600	31,900	24,200	28,800	19,500	12,800	15,100	16,800	6,820	9,900
7	27,100	23,900	25,200	30,800	19,700	23,500	24,000	14,400	18,800	20,500	10,500	15,200
8	26,600	24,500	25,500	30,000	20,900	25,700	25,400	17,500	21,600	28,900	15,900	21,400
9	26,900	24,700	25,900	30,500	22,300	26,200	29,500	20,900	24,200	25,800	14,500	19,100
10	32,000	25,500	29,500	31,400	26,900	29,100	29,500	14,000	19,300	16,700	10,000	12,500
11	27,100	21,100	23,900	32,600	27,400	30,300	22,800	11,200	14,600	19,500	13,600	16,900
12	27,000	20,700	23,200	32,700	27,000	30,500	23,300	14,800	19,400	20,400	14,700	17,900
13	30,100	21,800	26,700	32,900	24,200	28,300	23,100	14,900	19,100	19,500	13,400	17,800
14	31,100	20,200	24,300	33,500	27,900	30,600	15,700	10,700	12,800	25,400	18,200	21,500
15	26,100	20,500	22,300	34,800	28,900	32,400	19,000	13,400	16,200	25,100	15,100	21,500
16	27,000	21,700	24,500	36,000	30,000	32,300	19,100	9,640	14,700	29,000	13,600	21,000
17	26,900	18,900	23,600	36,000	30,900	34,400	12,100	7,140	8,690	32,300	24,600	28,400
18	---	---	---	38,800	34,500	36,800	13,400	9,860	11,200	30,200	21,600	26,100
19	27,900	21,000	24,800	35,000	25,300	28,400	10,600	5,500	7,650	26,200	16,100	19,000
20	29,200	20,700	25,100	33,700	25,800	28,300	12,900	4,910	7,960	23,100	14,400	18,000
21	28,300	17,900	24,500	33,800	27,400	30,100	17,100	8,400	11,300	23,500	14,700	18,500
22	29,300	17,900	22,300	32,300	23,900	28,000	17,900	10,400	13,700	22,400	14,000	17,500
23	27,300	18,500	22,900	33,800	30,000	31,800	19,800	12,000	15,100	21,200	14,400	17,600
24	28,700	20,400	25,000	33,800	21,600	25,900	17,300	5,660	8,880	22,300	16,600	19,400
25	30,100	23,800	26,900	31,000	23,200	27,100	18,800	9,450	13,700	24,700	21,100	22,900
26	30,700	21,100	25,200	33,400	28,400	30,500	19,800	11,300	14,700	23,400	20,500	22,500
27	25,900	16,700	19,900	33,600	30,300	32,000	19,500	12,600	16,100	21,600	12,900	15,500
28	29,100	18,800	23,900	31,800	18,900	23,000	19,900	15,200	17,300	18,000	10,900	13,400
29	29,400	20,300	23,900	25,200	19,100	22,000	26,700	14,300	20,500	17,700	11,700	14,800
30	30,100	24,100	27,000	25,100	18,100	21,600	21,100	12,100	15,000	18,700	14,300	16,800
31	28,900	22,200	25,300	---	---	---	21,000	14,100	18,000	20,200	11,600	16,400
MONTH	---	---	---	38,800	18,100	28,600	29,500	4,910	16,200	32,300	6,820	18,400

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	22,700	15,600	19,200	20,500	13,100	15,500	22,200	12,500	17,000	---	---	---
2	22,700	15,800	19,400	21,500	14,300	18,100	22,500	12,900	17,800	---	---	---
3	21,700	11,900	15,200	23,900	13,600	17,700	22,600	13,900	17,400	---	---	---
4	22,200	13,900	17,100	32,100	18,500	23,000	23,300	14,900	18,800	---	---	---
5	28,100	21,000	24,800	32,100	24,300	28,600	20,100	14,600	17,800	---	---	---
6	28,000	17,100	21,000	31,700	18,500	25,400	25,100	19,700	23,000	---	---	---
7	18,200	11,100	13,200	23,100	14,600	17,100	25,900	15,700	21,900	---	---	---
8	17,300	10,000	13,000	14,600	11,100	12,800	25,900	14,600	19,500	---	---	---
9	21,500	14,000	17,600	12,800	8,920	11,400	25,200	10,600	18,100	---	---	---
10	21,900	16,700	18,900	18,000	7,400	12,000	26,300	14,000	19,800	---	---	---
11	25,500	16,000	19,300	16,800	11,500	14,200	27,000	14,700	20,600	---	---	---
12	19,700	8,000	13,500	18,800	10,100	14,900	25,200	13,200	18,700	---	---	---
13	14,000	6,390	10,600	20,700	11,200	16,200	13,200	7,990	9,620	---	---	---
14	15,900	9,390	12,800	23,700	13,600	18,900	11,900	5,560	8,280	---	---	---
15	10,900	3,480	5,670	22,200	14,200	18,400	14,600	7,090	10,200	---	---	---
16	11,800	3,730	6,800	22,800	13,700	18,400	14,600	9,750	11,700	---	---	---
17	13,200	5,690	9,290	22,600	12,500	17,500	13,200	11,400	12,400	---	---	---
18	13,200	6,970	10,100	21,600	16,300	18,900	15,500	12,300	14,200	---	---	---
19	11,800	5,860	10,300	20,600	15,000	17,500	16,100	12,700	15,200	---	---	---
20	15,600	9,240	13,000	19,600	16,100	17,600	17,600	12,700	16,100	---	---	---
21	15,300	6,970	11,100	17,900	10,400	14,400	22,300	15,100	19,000	---	---	---
22	18,800	11,600	15,700	20,000	10,100	15,400	29,200	21,200	25,800	---	---	---
23	17,600	12,100	14,700	26,800	15,200	22,600	28,800	24,800	26,900	---	---	---
24	24,100	12,600	19,000	24,400	17,100	21,100	---	---	---	---	---	---
25	18,700	11,900	16,400	26,200	15,000	21,200	---	---	---	---	---	---
26	11,900	6,220	7,240	27,000	19,200	22,100	---	---	---	---	---	---
27	9,990	5,310	7,300	27,000	17,600	22,200	---	---	---	22,000	17,600	19,900
28	12,100	4,890	9,370	27,600	18,800	23,000	---	---	---	19,900	15,500	17,500
29	15,200	11,100	13,200	27,300	20,500	22,900	---	---	---	18,500	17,000	17,600
30	---	---	---	26,600	17,600	20,800	---	---	---	27,900	17,600	24,200
31	---	---	---	23,800	15,800	18,200	---	---	---	28,800	19,800	25,900
MONTH	28,100	3,480	14,000	32,100	7,400	18,600	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27,300	17,700	22,700	16,600	6,600	11,000	16,800	9,180	13,400	20,500	14,900	18,200
2	28,800	17,700	23,000	18,700	6,250	11,600	15,800	9,870	12,800	21,500	14,900	18,300
3	24,400	18,500	21,300	18,200	6,070	11,100	15,000	7,920	11,300	24,200	17,500	20,900
4	23,000	17,700	20,200	15,900	6,150	9,920	12,200	6,800	9,860	25,400	18,500	22,000
5	21,600	15,300	18,800	14,600	6,720	10,100	10,600	5,190	7,370	27,100	16,800	21,200
6	21,600	16,800	19,300	11,200	5,520	7,830	6,650	3,540	4,670	24,600	13,800	19,000
7	21,000	18,400	19,700	10,200	4,190	6,680	19,800	5,140	10,500	25,200	10,900	16,900
8	20,400	19,200	19,800	8,780	4,440	6,260	22,700	13,000	16,800	20,200	11,100	14,700
9	---	---	---	9,640	3,010	6,880	21,700	9,690	15,900	28,900	14,800	23,100
10	---	---	---	9,730	2,180	5,180	23,600	9,750	15,400	23,100	15,200	20,000
11	---	---	---	11,600	2,270	5,460	22,500	11,500	16,300	25,900	15,200	22,200
12	---	---	---	12,200	1,710	6,110	20,600	10,500	16,000	26,600	20,900	24,700
13	---	---	---	9,020	1,760	5,400	17,600	10,100	12,900	31,000	24,900	26,400
14	---	---	---	12,000	1,970	5,910	19,400	10,800	14,800	29,300	24,000	26,200
15	---	---	---	11,700	1,970	6,660	18,900	11,400	15,800	28,900	23,900	26,400
16	---	---	---	14,200	2,630	7,290	19,500	14,200	17,400	34,300	25,900	30,300
17	---	---	---	14,800	1,590	6,340	19,900	14,800	17,600	31,300	23,900	26,600
18	---	---	---	7,730	1,230	3,100	20,400	16,100	18,300	29,200	23,300	25,800
19	---	---	---	11,200	1,110	4,470	19,400	17,900	18,900	27,700	23,900	26,000
20	19,200	10,400	14,500	9,140	2,120	4,750	20,300	18,700	19,300	30,300	26,400	28,600
21	19,200	11,600	15,600	7,250	3,860	5,670	21,100	14,900	17,500	31,600	28,700	29,900
22	21,300	11,400	16,000	4,680	3,100	3,800	23,200	13,300	17,200	34,600	28,700	31,600
23	20,500	12,800	16,000	4,310	1,490	2,810	27,100	14,100	19,500	39,900	30,700	35,600
24	23,400	10,800	15,800	7,900	1,430	3,270	28,300	15,700	21,100	37,300	32,000	34,600
25	18,900	11,300	14,400	14,700	1,950	6,040	27,300	14,600	20,400	33,800	27,400	31,100
26	11,300	6,900	8,500	12,200	1,930	7,380	27,200	15,300	20,700	30,200	27,000	28,700
27	14,300	6,990	9,850	16,000	1,950	8,240	27,700	15,300	21,200	30,700	23,600	28,000
28	13,600	6,610	9,690	13,700	3,910	9,150	26,500	16,800	22,000	24,500	20,700	22,600
29	14,500	6,580	9,710	15,300	5,090	9,930	26,600	16,400	21,900	26,300	20,100	21,600
30	15,200	6,600	10,400	15,600	6,600	10,600	25,100	17,100	21,300	27,000	20,500	24,500
31	---	---	---	16,200	6,520	11,500	21,900	17,100	19,000	---	---	---
MONTH	---	---	---	18,700	1,110	7,110	28,300	3,540	16,400	39,900	10,900	24,900

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.7	12.4	13.2	17.9	15.9	16.7	13.4	10.9	12.5	13.9	6.8	10.2
2	14.7	13.3	13.9	18.6	16.4	17.7	15.5	9.9	12.3	15.1	6.2	10.6
3	15.8	13.5	14.7	18.6	15.3	17.3	16.6	13.2	15.2	14.2	6.5	10.0
4	16.4	14.4	15.2	19.6	15.3	17.1	17.8	9.9	14.6	15.3	8.1	11.6
5	16.4	13.7	15.2	20.7	15.0	18.1	17.1	8.6	10.5	15.3	7.2	10.4
6	16.0	13.9	14.9	19.9	14.7	17.8	11.6	7.4	8.8	9.9	3.7	5.6
7	16.6	14.5	15.4	19.1	11.7	14.2	14.5	8.3	11.1	12.2	6.0	8.9
8	16.3	14.8	15.5	18.6	12.5	15.7	15.5	10.3	12.9	17.8	9.3	12.8
9	16.4	15.0	15.8	18.9	13.4	16.0	18.2	12.5	14.6	15.8	8.4	11.4
10	19.9	15.5	18.2	19.5	16.4	17.9	18.2	8.1	11.5	9.8	5.6	7.1
11	16.6	12.6	14.5	20.4	16.8	18.8	13.7	6.3	8.5	11.6	7.8	9.9
12	16.5	12.4	14.0	20.4	16.5	18.9	14.1	8.6	11.6	12.1	8.6	10.5
13	18.7	13.1	16.4	20.6	14.7	17.4	13.9	8.7	11.4	11.6	7.7	10.5
14	19.3	12.0	14.7	20.9	17.2	19.0	9.1	6.1	7.3	15.5	10.7	12.9
15	15.9	12.2	13.4	21.9	17.8	20.2	11.3	7.7	9.5	15.3	8.8	12.9
16	16.5	13.0	14.9	22.7	18.6	20.1	11.4	5.4	8.6	17.9	7.8	12.6
17	16.4	11.2	14.3	22.7	19.2	21.6	6.9	3.9	4.8	20.2	14.9	17.5
18	---	---	---	24.7	21.7	23.3	7.7	5.5	6.4	18.7	13.0	16.0
19	17.2	12.6	15.1	22.0	15.4	17.5	6.0	3.0	4.2	16.0	9.4	11.3
20	18.0	12.4	15.3	21.1	15.8	17.4	7.4	2.6	4.4	13.9	8.3	10.6
21	17.4	10.5	14.9	21.2	16.8	18.6	10.1	4.7	6.4	14.2	8.6	10.9
22	18.1	10.5	13.5	20.2	14.5	17.2	10.5	5.9	7.9	13.5	8.1	10.3
23	16.7	10.9	13.8	21.2	18.6	19.8	11.8	6.8	8.8	12.7	8.3	10.3
24	17.7	12.1	15.2	21.2	13.0	15.8	10.2	3.1	5.0	13.4	9.7	11.6
25	18.7	14.4	16.5	19.2	14.0	16.6	11.1	5.3	8.0	15.0	12.6	13.8
26	19.0	12.6	15.3	20.9	17.5	18.9	11.8	6.4	8.5	14.2	12.2	13.5
27	15.8	9.8	11.9	21.0	18.8	19.9	11.6	7.2	9.4	13.0	7.4	9.1
28	17.9	11.1	14.5	19.8	11.2	13.9	11.8	8.9	10.2	10.6	6.2	7.7
29	18.1	12.1	14.5	15.3	11.4	13.2	16.3	8.3	12.2	10.4	6.6	8.6
30	18.7	14.6	16.5	15.3	10.7	13.0	12.6	6.9	8.7	11.1	8.3	9.8
31	17.8	13.3	15.4	---	---	---	12.6	8.1	10.6	12.0	6.6	9.6
MONTH	---	---	---	24.7	10.7	17.7	18.2	2.6	9.6	20.2	3.7	10.9
FEBRUARY			MARCH			APRIL			MAY			
1	13.7	9.1	11.4	12.2	7.5	9.0	13.3	7.2	10	---	---	---
2	13.7	9.2	11.5	12.9	8.3	10.7	13.5	7.4	10.5	---	---	---
3	13.0	6.8	8.9	14.5	7.8	10.5	13.6	8.0	10.3	---	---	---
4	13.3	8.0	10.0	20.0	10.9	13.9	14.1	8.7	11.1	---	---	---
5	17.3	12.6	15.1	20.0	14.7	17.6	12.0	8.5	10.5	---	---	---
6	17.2	10.1	12.6	19.7	10.9	15.5	15.3	11.7	13.9	---	---	---
7	10.7	6.3	7.6	13.9	8.5	10.1	15.8	9.1	13.2	---	---	---
8	10.2	5.6	7.5	8.5	6.3	7.3	15.8	8.5	11.6	---	---	---
9	12.9	8.1	10.3	7.4	5.0	6.5	15.3	6.0	10.7	---	---	---
10	13.2	9.8	11.2	10.6	4.1	6.9	16.1	8.1	11.8	---	---	---
11	15.5	9.3	11.5	9.9	6.5	8.2	16.5	8.6	12.3	---	---	---
12	11.7	4.4	7.8	11.1	5.7	8.7	15.3	7.6	11.1	---	---	---
13	8.1	3.5	6.0	12.4	6.3	9.5	7.6	4.4	5.4	---	---	---
14	9.3	5.3	7.3	14.4	7.8	11.2	6.8	3.0	4.6	---	---	---
15	6.2	1.8	3.1	13.3	8.2	10.9	8.5	3.9	5.7	---	---	---
16	6.7	2.0	3.7	13.7	7.9	10.9	8.5	5.5	6.7	---	---	---
17	7.6	3.1	5.2	13.6	7.2	10.3	7.6	6.5	7.1	---	---	---
18	7.6	3.8	5.7	13.0	9.5	11.2	9.0	7.0	8.2	---	---	---
19	6.7	3.2	5.8	12.3	8.7	10.3	9.4	7.3	8.8	---	---	---
20	9.1	5.2	7.5	11.7	9.4	10.4	10.4	7.3	9.4	---	---	---
21	8.9	3.8	6.3	10.5	5.9	8.3	13.4	8.8	11.3	---	---	---
22	11.1	6.6	9.2	11.9	5.7	9.0	18.0	12.7	15.8	---	---	---
23	10.4	6.9	8.6	16.4	8.9	13.6	17.7	15.0	16.5	---	---	---
24	14.6	7.2	11.3	14.8	10.1	12.7	---	---	---	---	---	---
25	11.1	6.8	9.6	16.0	8.7	12.7	---	---	---	---	---	---
26	6.8	3.4	4.0	16.5	11.4	13.3	---	---	---	---	---	---
27	5.6	2.9	4.0	16.5	10.4	13.3	---	---	---	13.2	10.4	11.9
28	6.9	2.6	5.2	16.9	11.1	13.9	---	---	---	11.8	9.0	10.3
29	8.9	6.3	7.6	16.7	12.2	13.8	---	---	---	10.9	10.0	10.3
30	---	---	---	16.3	10.4	12.4	---	---	---	17.2	10.4	14.7
31	---	---	---	14.4	9.2	10.8	---	---	---	17.7	11.8	15.8
MONTH	17.3	1.8	8.1	20.0	4.1	11.1	---	---	---	---	---	---

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	16.7	10.4	13.7	9.7	3.6	6.2	9.9	5.1	7.7	12.2	8.7	10.8
2	17.7	10.4	13.9	11.1	3.4	6.7	9.2	5.5	7.3	12.9	8.7	10.8
3	14.8	10.9	12.8	10.7	3.3	6.3	8.7	4.4	6.5	14.7	10.3	12.5
4	13.9	10.4	12.0	9.3	3.3	5.6	7.0	3.7	5.6	15.5	10.9	13.2
5	13.0	8.9	11.2	8.5	3.7	5.7	6.0	2.8	4.1	16.6	9.9	12.7
6	13.0	9.9	11.5	6.3	3.0	4.3	3.6	1.9	2.5	14.9	7.9	11.3
7	12.6	10.9	11.7	5.8	2.2	3.7	11.8	2.8	6.0	15.3	6.2	10
8	12.1	11.4	11.8	4.9	2.4	3.4	13.7	7.5	9.9	12.0	6.3	8.6
9	---	---	---	5.4	1.6	3.8	13.0	5.4	9.3	17.8	8.6	14.0
10	---	---	---	5.5	1.1	2.8	14.3	5.5	9.0	13.9	8.9	11.9
11	---	---	---	6.6	1.2	3.0	13.5	6.5	9.5	15.8	8.9	13.4
12	---	---	---	7.0	0.9	3.4	12.3	6.0	9.3	16.3	12.5	15.0
13	---	---	---	5.0	0.9	2.9	10.4	5.7	7.4	19.2	15.1	16.2
14	---	---	---	6.8	1.0	3.2	11.5	6.1	8.6	18.1	14.5	16.0
15	---	---	---	6.6	1.0	3.7	11.2	6.5	9.2	17.8	14.5	16.2
16	---	---	---	8.2	1.4	4.0	11.6	8.2	10.2	21.5	15.8	18.8
17	---	---	---	8.6	0.8	3.5	11.8	8.6	10.4	19.4	14.5	16.3
18	---	---	---	4.3	0.6	1.6	12.1	9.4	10.8	18.0	14.1	15.7
19	---	---	---	6.3	0.5	2.4	11.5	10.5	11.2	17.0	14.5	15.9
20	11.4	5.9	8.4	5.1	1.1	2.6	12.1	11.1	11.5	18.8	16.1	17.6
21	11.4	6.6	9.1	4.0	2.0	3.1	12.6	8.7	10.3	19.6	17.7	18.5
22	12.8	6.5	9.4	2.5	1.6	2.0	14.0	7.6	10.1	21.8	17.7	19.6
23	12.2	7.4	9.3	2.3	0.7	1.5	16.6	8.1	11.6	25.4	19.0	22.4
24	14.2	6.1	9.2	4.4	0.7	1.7	17.4	9.1	12.6	23.6	19.9	21.7
25	11.2	6.4	8.4	8.6	1.0	3.3	16.7	8.5	12.2	21.2	16.8	19.3
26	6.4	3.8	4.7	7.0	1.0	4.1	16.6	8.9	12.4	18.7	16.5	17.7
27	8.3	3.8	5.5	9.3	1.0	4.6	17.0	8.9	12.7	19.0	14.3	17.2
28	7.8	3.6	5.4	7.9	2.1	5.1	16.2	9.9	13.2	14.8	12.4	13.6
29	8.4	3.6	5.5	8.9	2.7	5.6	16.3	9.6	13.2	16.1	12.0	12.9
30	8.9	3.6	5.9	9.1	3.6	6.0	15.3	10.1	12.8	16.5	12.2	14.8
31	---	---	---	9.4	3.6	6.6	13.2	10.1	11.3	---	---	---
MONTH	---	---	---	11.1	0.5	3.9	17.4	1.9	9.6	25.4	6.2	15.2

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.6	21.0	21.9	24.2	22.7	23.6	15.4	13.7	14.5	15.5	13.6	14.5
2	22.2	20.6	21.5	24.6	23.5	24.1	15.4	14.0	14.8	16.6	15.0	15.9
3	22.4	20.3	21.3	25.1	23.8	24.4	15.6	14.3	14.9	17.8	16.3	17.1
4	24.0	21.4	22.6	25.2	24.0	24.5	16.2	15.2	15.7	19.2	17.2	18.2
5	25.2	23.2	24.0	25.6	24.2	25.0	16.2	14.5	15.6	19.3	16.8	18.5
6	25.9	24.4	25.0	25.4	24.5	24.9	14.5	11.7	12.8	17.0	12.1	13.9
7	27.1	24.9	25.8	25.5	23.9	24.7	12.6	11.2	11.9	12.4	10.0	10.7
8	27.8	25.8	26.4	23.9	22.7	23.4	13.7	11.6	12.7	11.2	9.9	10.3
9	27.1	26.2	26.7	23.2	21.9	22.6	14.9	12.8	13.8	11.9	10.3	10.9
10	26.8	26.0	26.3	23.5	21.8	22.6	14.3	12.1	13.2	11.1	9.8	10.4
11	26.3	25.6	26.0	23.8	22.1	22.9	12.4	11.0	11.8	11.2	9.1	10.2
12	26.1	25.0	25.7	24.8	22.7	23.7	12.9	11.4	12.2	12.1	9.8	11.0
13	26.1	24.9	25.5	24.0	21.1	23.0	13.2	12.2	12.7	13.6	11.1	12.0
14	26.9	25.2	25.9	21.1	18.9	19.8	12.8	11.7	12.3	14.6	11.7	13.0
15	25.5	23.1	24.0	20.6	18.8	19.7	13.7	11.9	12.8	14.8	13.4	14.1
16	23.9	22.4	23.1	21.6	19.9	20.7	14.2	12.9	13.6	15.8	14.4	15.2
17	24.9	22.8	23.5	23.0	21.0	21.9	12.9	10.7	11.6	16.2	15.2	15.8
18	---	---	---	22.4	20.8	22.0	11.9	10.6	11.2	16.7	15.6	16.1
19	23.2	21.8	22.6	20.9	17.0	18.5	12.1	10.3	11.2	15.9	13.1	14.6
20	23.7	22.4	23.0	18.5	16.6	17.5	11.9	10.3	11.1	13.2	11.3	12.4
21	24.8	23.4	24.1	18.8	17.3	18.0	12.5	10.8	11.6	12.9	11.1	12.2
22	24.4	23.4	24.1	20.0	17.7	19.0	13.8	11.8	12.8	13.5	11.4	12.4
23	25.4	23.4	24.2	20.9	18.9	19.9	14.2	13.2	13.7	14.2	12.1	13.0
24	26.1	24.4	24.9	19.9	15.0	16.8	14.2	12.7	13.4	15.4	12.8	14.0
25	25.9	24.8	25.3	15.0	13.4	14.2	13.3	12.0	12.6	15.7	14.3	15.1
26	25.2	23.9	24.9	15.5	13.9	14.7	13.4	11.9	12.6	15.7	15.2	15.5
27	23.9	20.4	21.9	17.7	15.4	16.7	14.4	12.5	13.4	15.3	12.0	13.7
28	21.0	19.5	20.2	17.6	13.8	15.8	15.5	13.4	14.5	12.2	9.4	11.0
29	21.4	19.4	20.4	14.4	13.4	13.8	15.8	14.6	15.4	11.7	9.9	10.9
30	22.4	20.5	21.4	14.2	12.8	13.6	14.6	13.3	14.2	12.2	11.5	11.9
31	23.8	21.8	22.8	---	---	---	14.2	13.2	13.7	12.1	11.4	11.8
MONTH	---	---	---	25.6	12.8	20.4	16.2	10.3	13.2	19.3	9.1	13.4
FEBRUARY			MARCH			APRIL			MAY			
1	12.2	11.1	11.8	17.4	15.8	16.5	21.9	19.6	20.9	24.3	22.9	23.4
2	12.8	12.0	12.3	18.6	16.9	17.7	23.0	20.7	21.8	23.9	22.9	23.3
3	12.8	11.3	12.0	20.5	17.9	19.3	23.7	21.7	22.5	22.9	21.6	22.3
4	12.4	11.2	11.9	21.6	19.7	20.6	24.4	21.7	22.8	23.2	21.5	22.3
5	15.4	12.2	14.0	22.3	20.5	21.4	23.7	21.9	22.7	23.9	22.6	23.0
6	15.6	14.3	15.2	23.6	21.2	22.3	22.8	21.3	21.9	24.9	23.2	23.8
7	14.5	12.7	13.7	23.2	22.3	22.8	23.4	21.5	22.3	26.1	24.4	25.0
8	13.1	10.7	11.7	22.5	20.6	21.4	24.2	22.3	23.3	26.9	25.3	25.9
9	13.2	10.3	11.7	21.0	19.2	20.1	24.9	22.9	23.9	27.5	26.1	26.7
10	13.4	12.2	12.9	19.2	16.1	17.9	25.6	23.9	24.6	27.6	26.2	26.9
11	14.0	13.3	13.5	19.4	16.3	17.6	24.9	23.7	24.4	27.5	26.8	27.1
12	14.3	13.1	13.9	19.7	17.3	18.5	24.3	20.7	22.7	27.0	26.2	26.6
13	13.1	11.8	12.2	20.1	18.1	19.1	20.7	18.1	18.9	27.3	25.9	26.5
14	12.1	11.1	11.6	19.9	19.0	19.5	19.1	16.9	18.0	27.2	26.3	26.8
15	11.3	9.3	10.3	19.9	19.1	19.5	20.2	17.8	18.8	27.1	26.3	26.6
16	11.3	9.7	10.5	21.5	19.5	20.4	22.5	19.3	20.5	27.1	26.0	26.4
17	11.9	10.6	11.2	21.6	20.0	20.8	23.7	20.5	21.8	27.3	26.3	26.7
18	13.2	11.2	11.9	22.4	20.5	21.3	24.4	21.4	22.9	27.6	26.7	27.1
19	14.6	12.0	13.0	24.5	21.4	22.7	25.0	22.4	23.5	27.9	26.6	27.2
20	16.0	13.0	14.3	25.2	22.3	23.7	24.6	23.2	23.8	28.5	27.1	27.7
21	17.3	14.6	16.0	24.9	22.7	23.7	24.4	23.0	23.7	28.9	27.4	28.1
22	16.9	15.7	16.2	22.7	19.3	20.7	25.4	23.6	24.3	29.3	27.6	28.4
23	17.4	16.5	17.0	20.3	19.0	19.7	25.7	24.4	25.0	29.1	27.7	28.4
24	17.4	16.9	17.1	20.2	18.8	19.4	26.3	25.0	25.6	29.5	27.8	28.6
25	17.6	16.5	17.0	21.2	19.4	20.2	26.6	25.6	26.1	29.2	27.8	28.6
26	16.9	14.5	15.3	22.0	20.2	21.1	26.2	25.3	25.6	29.0	27.7	28.4
27	15.4	12.9	13.8	23.3	20.8	22.1	25.3	23.6	24.3	28.3	26.9	27.7
28	14.8	13.2	14.1	24.1	21.9	23.0	24.8	23.5	24.2	29.0	27.3	28.1
29	16.1	14.1	15.0	24.8	22.9	23.9	24.4	23.3	23.8	29.3	27.9	28.5
30	---	---	---	24.1	22.3	23.2	24.4	23.2	24.0	29.8	27.8	28.6
31	---	---	---	23.1	20.9	22.2	---	---	---	29.8	27.9	28.8
MONTH	17.6	9.3	13.5	25.2	15.8	20.7	26.6	16.9	23.0	29.8	21.5	26.6

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.5	28.4	29.4	31.6	29.7	30.6	32.0	30.4	31.2	31.4	28.8	30.4
2	29.9	28.8	29.3	31.2	30.0	30.6	32.2	30.8	31.3	32.3	29.9	30.8
3	29.9	28.3	29.1	31.3	29.4	30.3	32.0	30.7	31.3	31.0	29.7	30.4
4	30.2	28.7	29.3	31.8	29.5	30.6	32.6	30.9	31.8	30.3	28.8	29.5
5	30.1	28.2	29.0	32.3	30.0	31.1	32.1	30.7	31.5	30.4	29.1	29.7
6	30.6	28.2	29.3	31.7	30.4	31.1	31.4	29.9	30.8	30.7	29.0	29.9
7	30.3	28.4	29.4	31.6	30.2	30.9	30.6	28.6	29.9	31.0	28.7	30.0
8	30.4	28.7	29.6	30.3	29.0	29.8	30.3	29.4	29.9	30.8	28.3	29.4
9	30.3	28.6	29.5	29.1	27.1	28.0	31.6	29.2	30.2	30.4	29.2	29.7
10	30.8	28.9	29.8	29.6	27.5	28.5	32.3	30.1	31.1	30.6	28.7	29.5
11	31.3	29.4	30.3	30.8	28.5	29.6	31.7	30.8	31.2	30.5	28.9	29.4
12	32.4	30.1	31.0	31.7	29.9	30.7	30.9	28.6	30.1	29.6	28.5	28.9
13	31.3	30.3	30.9	31.5	30.1	30.7	28.6	25.7	26.7	29.5	27.9	28.6
14	30.3	28.7	29.3	31.2	29.8	30.5	26.8	24.3	25.4	29.1	28.0	28.5
15	30.1	28.4	29.2	31.8	29.8	30.6	26.9	24.6	25.6	28.4	26.9	27.7
16	30.5	28.9	29.6	31.4	29.8	30.6	27.5	25.0	26.0	28.2	26.0	27.1
17	31.5	29.1	30.0	31.0	29.5	30.2	28.6	26.2	27.2	29.8	27.5	28.4
18	32.7	30.4	31.3	30.0	28.6	29.2	29.8	27.2	28.3	30.8	28.3	29.4
19	32.2	30.9	31.6	30.8	28.0	29.0	31.4	28.4	29.7	29.8	28.2	28.9
20	32.1	30.0	31.1	30.9	28.3	29.4	31.1	29.2	30.1	28.8	27.2	28.1
21	31.4	30.0	30.5	30.3	29.3	29.8	31.2	29.3	30.3	27.3	26.3	26.8
22	31.2	29.1	30.1	31.8	29.2	30.4	31.9	30.0	30.8	26.5	25.4	26.0
23	30.7	29.3	30.1	32.1	30.0	30.8	31.9	30.1	30.9	25.9	25.2	25.5
24	30.4	28.6	29.8	31.9	29.2	30.5	31.8	30.6	31.0	26.1	25.4	25.7
25	28.6	27.4	28.1	32.0	30.6	31.1	31.4	30.3	30.8	26.5	25.5	26.0
26	27.4	26.8	27.1	31.9	29.4	30.6	32.1	30.2	31.0	27.0	25.3	26.2
27	29.7	26.9	28.0	31.8	29.6	30.7	32.0	30.4	31.1	27.0	25.2	26.2
28	30.7	28.5	29.6	31.6	29.8	30.7	31.5	30.2	30.9	27.2	25.4	26.2
29	31.0	29.5	30.2	32.9	30.6	31.4	31.4	30.1	30.7	26.4	24.6	25.6
30	31.2	29.6	30.3	33.3	31.2	32.1	30.9	29.2	29.9	27.3	24.8	26.1
31	---	---	---	32.1	31.2	31.7	30.4	28.3	29.4	---	---	---
MONTH	32.7	26.8	29.7	33.3	27.1	30.4	32.6	24.3	29.9	32.3	24.6	28.2

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA

LOCATION.--Lat 29° 04'41", long 90° 52'17", T. 21 S., R. 15 E., Terrebonne Parish, Hydrologic Unit 08090302, installed on manned oil platform 24 miles southwest of Bayou DuLarge and 28 miles southwest of Dulac, La.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 9.94 ft, Oct. 3, 2002; minimum recorded gage height, -1.88 ft, Jan. 8, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.52 ft, Oct. 1; minimum gage height, -1.38 ft, Apr. 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.52	1.24	2.42	2.54	0.40	1.55	1.24	0.36	0.76	1.48	0.72	1.18
2	3.43	1.09	2.22	2.39	0.48	1.45	1.27	0.29	0.78	1.55	0.28	0.96
3	3.44	0.84	2.15	1.66	0.66	1.24	1.24	0.78	1.03	1.71	0.00	0.95
4	2.60	0.82	1.85	1.52	0.79	1.19	1.44	0.34	0.98	2.01	0.00	1.07
5	2.27	0.11	1.42	1.61	0.96	1.33	1.70	0.39	1.00	1.84	-0.08	1.00
6	1.88	0.30	1.24	1.53	1.01	1.23	1.69	0.18	1.07	2.45	0.09	1.29
7	1.93	0.86	1.46	1.62	0.38	1.07	1.66	-0.15	0.89	2.44	0.40	1.38
8	1.62	0.81	1.36	2.27	0.72	1.52	1.78	-0.31	0.80	2.20	-0.03	1.14
9	1.73	1.26	1.53	2.24	0.63	1.45	2.04	-0.18	0.86	1.84	-0.45	0.89
10	1.90	1.26	1.59	2.53	0.74	1.61	2.08	-0.28	0.62	1.94	-0.02	0.98
11	1.95	0.71	1.30	2.25	0.63	1.40	2.34	0.02	1.19	1.85	0.13	1.01
12	2.34	1.17	1.77	2.46	0.35	1.55	2.10	0.02	1.08	1.26	0.33	0.82
13	2.31	1.29	1.75	2.75	0.14	1.58	2.36	-0.17	1.19	1.13	0.38	0.82
14	2.05	0.55	1.38	2.93	1.14	2.08	2.03	0.56	1.42	1.14	0.60	0.91
15	2.63	1.38	1.92	2.82	0.50	1.63	1.91	0.48	1.20	1.11	0.33	0.82
16	2.67	1.15	1.88	2.45	0.75	1.65	1.59	0.17	0.90	1.75	0.01	1.05
17	2.40	0.50	1.45	2.57	1.03	1.78	1.38	0.28	0.90	1.95	0.37	1.21
18	---	---	---	---	---	---	1.26	0.30	0.85	2.08	0.06	1.23
19	2.58	0.99	1.91	1.75	0.51	1.10	1.18	-0.32	0.55	2.13	-0.51	0.98
20	2.56	0.82	1.80	2.16	1.14	1.67	1.69	-0.20	0.87	---	---	---
21	2.03	0.77	1.54	1.75	0.85	1.21	1.85	-0.51	0.88	1.86	-0.44	0.85
22	1.49	0.38	1.02	2.38	-0.03	1.18	2.22	-0.62	0.78	1.76	-0.89	0.61
23	1.36	0.72	1.07	2.49	0.32	1.53	1.95	-0.40	0.87	1.61	-0.48	0.73
24	1.57	0.81	1.22	2.57	-0.28	1.43	2.30	-0.48	0.96	1.51	-0.19	0.73
25	1.96	0.45	1.33	2.78	0.36	1.64	2.14	-0.08	1.14	1.79	0.13	1.05
26	1.89	0.11	1.08	2.92	0.04	1.41	2.05	-0.31	0.95	1.77	0.91	1.29
27	2.68	0.04	1.34	2.92	0.32	1.51	1.83	-0.05	1.05	1.43	0.26	0.87
28	2.73	0.57	1.71	2.28	-0.38	0.77	2.03	0.32	1.18	1.50	0.33	1.11
29	3.00	0.40	1.68	2.24	0.42	1.24	1.92	0.57	1.30	1.14	0.07	0.72
30	2.99	0.51	1.67	1.66	0.01	0.78	1.88	0.65	1.48	1.42	0.04	0.67
31	2.61	0.06	1.26	---	---	---	1.70	1.09	1.44	2.19	0.05	1.19
MONTH	---	---	---	---	---	---	2.36	-0.62	1.00	---	---	---

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	2.28	0.63	1.66	1.83	-0.13	0.96	1.25	-0.33	0.65	2.24	1.25	1.85
2	2.52	0.44	1.53	1.52	0.07	0.92	1.04	-0.28	0.55	1.97	0.49	1.30
3	2.00	0.02	1.11	1.54	-0.06	0.85	1.05	-0.14	0.49	2.02	0.40	1.33
4	2.76	-0.13	1.19	1.80	0.20	1.11	1.05	0.26	0.52	2.05	0.34	1.36
5	2.52	0.40	1.45	1.98	0.21	1.19	1.10	0.40	0.72	2.16	-0.01	1.33
6	1.85	-0.02	0.95	1.77	0.04	0.77	1.52	0.06	0.91	2.50	-0.01	1.37
7	1.44	0.14	0.85	1.17	-0.17	0.43	1.58	-0.27	0.84	2.52	0.08	1.49
8	1.32	0.37	0.85	0.86	-0.01	0.41	1.63	-0.84	0.70	2.64	0.17	1.54
9	1.26	0.14	0.68	0.79	-0.55	0.34	1.83	-0.83	0.78	2.59	0.17	1.72
10	0.98	0.37	0.66	1.18	-0.55	0.45	1.73	-0.58	0.79	2.71	0.64	1.90
11	1.77	0.71	1.23	1.01	-0.50	0.41	2.52	-0.45	1.13	2.52	1.18	1.97
12	1.62	0.17	0.88	1.15	-0.58	0.37	1.47	-0.63	0.75	2.55	1.40	2.04
13	1.70	0.03	0.93	1.25	-0.58	0.50	0.45	-1.38	-0.25	2.49	1.40	2.01
14	2.06	0.21	0.93	1.52	-0.58	0.64	0.78	-1.24	-0.18	2.41	1.57	1.94
15	1.41	-0.54	0.49	1.56	-0.45	0.68	1.11	-0.22	0.50	2.36	1.28	1.87
16	1.22	-0.34	0.63	1.23	-0.58	0.58	1.35	0.29	0.71	2.27	1.22	1.84
17	1.38	-0.51	0.54	1.36	-0.45	0.69	1.40	0.43	0.89	2.39	0.97	1.80
18	1.12	-0.89	0.23	1.24	-0.03	0.65	1.54	0.37	1.01	2.54	0.76	1.81
19	1.39	-0.83	0.29	1.16	-0.05	0.55	1.68	0.30	1.06	2.64	0.74	1.79
20	1.47	-0.65	0.48	1.22	0.20	0.59	1.80	0.39	1.18	2.49	0.52	1.66
21	1.77	-0.36	0.76	1.07	0.01	0.40	---	---	---	2.39	0.59	1.53
22	1.82	0.53	1.03	1.18	0.32	0.86	2.45	-0.01	1.32	2.63	0.73	1.76
23	1.48	0.44	0.99	1.71	0.28	1.14	2.05	0.12	1.24	2.66	0.95	1.85
24	1.77	0.84	1.40	1.29	0.40	0.86	2.23	0.28	1.32	2.51	1.03	1.80
25	1.96	0.22	1.30	1.97	0.30	1.15	2.39	0.27	1.43	2.36	0.76	1.65
26	1.68	0.29	1.05	1.64	0.20	1.00	1.90	0.38	1.35	2.16	0.64	1.46
27	1.54	0.00	0.93	1.65	0.17	0.96	2.14	-0.14	1.19	2.10	0.80	1.40
28	1.23	-0.14	0.62	1.70	0.25	1.02	2.06	0.18	1.34	2.00	0.95	1.41
29	1.72	0.07	0.75	1.57	0.12	0.91	1.92	0.72	1.42	1.84	1.14	1.42
30	---	---	---	1.66	-0.45	0.84	2.22	1.13	1.51	2.29	1.13	1.74
31	---	---	---	0.85	-0.57	0.48	---	---	---	2.29	0.32	1.33
MONTH	2.76	-0.89	0.91	1.98	-0.58	0.73	---	---	---	2.71	-0.01	1.65
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.44	0.13	1.37	2.04	-0.82	0.85	2.06	-0.12	1.19	1.05	0.61	0.81
2	2.67	-0.12	1.35	2.17	-0.73	0.92	1.70	0.08	1.03	1.34	0.43	0.87
3	2.55	-0.56	1.10	2.11	-0.54	0.97	1.41	0.14	0.98	1.62	0.43	0.98
4	2.25	-0.63	1.06	1.93	-0.40	0.92	1.17	0.24	0.90	1.75	0.35	1.05
5	2.24	-1.00	0.94	1.80	-0.22	0.91	0.96	0.37	0.70	1.75	0.29	1.04
6	2.08	-1.00	1.04	1.39	-0.18	0.77	0.95	0.24	0.58	1.66	0.17	0.94
7	2.26	-0.07	1.26	1.17	0.03	0.84	1.45	0.35	0.93	1.39	-0.32	0.57
8	1.84	0.25	1.22	1.16	0.52	0.88	1.84	0.36	1.15	1.25	-0.02	0.67
9	1.72	0.60	1.27	1.39	0.21	0.85	1.86	0.24	1.14	1.68	0.05	1.01
10	1.90	1.08	1.38	1.46	0.02	0.79	1.80	-0.16	0.95	1.36	-0.11	0.66
11	1.59	0.74	1.27	1.59	0.03	0.90	2.02	0.04	1.09	1.63	0.39	1.13
12	1.62	0.56	1.22	1.36	-0.44	0.62	1.99	-0.31	0.86	1.80	0.68	1.34
13	1.89	0.65	1.36	1.47	-0.34	0.71	1.69	-0.23	0.86	1.79	0.94	1.37
14	1.97	0.47	1.34	1.57	-0.38	0.69	1.71	-0.11	0.92	2.14	1.48	1.85
15	2.26	0.31	1.39	1.56	-0.50	0.72	1.60	0.17	1.00	---	---	---
16	2.45	0.02	1.28	1.55	-0.48	0.66	1.54	0.16	0.95	---	---	---
17	2.23	0.05	1.22	1.45	-0.47	0.58	1.30	0.30	0.90	2.15	0.87	1.55
18	2.12	0.01	1.17	1.48	-0.79	0.42	1.24	0.57	0.98	2.15	0.16	1.25
19	1.92	-0.07	1.09	1.56	-0.36	0.68	1.23	0.77	1.03	2.59	0.68	1.54
20	1.99	-0.09	1.06	1.32	-0.07	0.71	1.26	0.65	0.95	2.71	0.68	1.69
21	1.87	0.14	1.12	1.06	0.06	0.70	1.16	0.16	0.78	2.63	0.57	1.67
22	1.85	0.21	1.11	0.94	0.20	0.65	1.44	0.03	0.81	3.12	0.52	1.85
23	1.80	0.22	1.13	0.96	0.33	0.61	1.62	-0.23	0.80	3.51	0.52	2.14
24	1.90	-0.28	1.10	1.20	0.37	0.78	1.75	-0.27	0.78	2.63	0.43	1.63
25	1.88	0.02	0.99	1.21	-0.07	0.62	1.82	-0.56	0.72	2.13	0.28	1.34
26	1.35	0.36	0.88	1.29	-0.04	0.66	1.73	-0.61	0.70	1.70	0.76	1.35
27	1.59	0.12	0.96	1.61	-0.31	0.80	1.78	-0.49	0.81	1.86	0.70	1.32
28	1.52	-0.05	0.88	1.61	-0.63	0.69	1.73	-0.22	0.89	1.06	0.29	0.71
29	1.89	-0.34	0.94	1.93	-0.64	0.76	1.68	-0.32	0.90	1.50	0.29	0.95
30	2.03	-0.54	0.92	2.05	-0.55	0.99	1.55	-0.02	0.94	1.35	0.29	0.91
31	---	---	---	2.11	-0.27	1.12	1.43	0.49	0.90	---	---	---
MONTH	2.67	-1.00	1.15	2.17	-0.82	0.77	2.06	-0.61	0.91	---	---	---

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: June 1999 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 8-27, Nov. 25-Dec. 16, Dec. 23-Jan. 5, Feb. 17-29, Apr. 16-May 11, June 3-30, July 7-22, Aug. 2-9, and Sept. 12-30 when records good; Oct. 1-7, Oct. 28-Nov. 12, Jan. 6-15, Mar. 1-9, July 23-29 when records fair.

SALINITY: Records excellent except for Oct. 8-27, Nov. 25-Dec. 16, Dec. 23-Jan. 5, Feb. 17-29, Apr. 16-May 11, June 3-30, July 7-22, Aug. 2-9, and Sept. 12-30 when records good; Oct. 1-7, Oct. 28-Nov. 12, Jan. 6-15, Mar. 1-9, July 23-29 when records fair.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 57,500 microsiemens/cm, Mar. 2, 2000; minimum, 7,640 microsiemens/cm, Apr. 16, 2004.

SALINITY: Maximum, 33.7 ppt, Nov. 24, 2002; Minimum, 4.2 ppt, April 16, 2004.

WATER TEMPERATURE: Maximum, 34.7°C, July 30, 2004; minimum, 4.1°C, Jan. 30, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 48,400 microsiemens/cm, Dec. 9; minimum, 7,640 microsiemens/cm, Apr. 16.

SALINITY: Maximum, 31.6 ppt, Dec. 9; minimum, 4.2 ppt, Apr. 16.

WATER TEMPERATURE: Maximum, 34.7°C, July 30; minimum, 9.7°C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	39,400	33,700	36,700	41,500	36,200	38,700	45,100	40,600	43,100	45,400	41,600	43,200
2	38,700	35,300	37,100	42,100	37,100	39,100	43,700	39,900	41,400	46,600	41,000	44,300
3	41,000	35,600	38,700	40,100	35,900	37,800	44,700	40,200	41,600	46,900	42,800	45,000
4	40,800	37,700	39,300	40,100	37,900	39,000	42,700	39,700	41,600	46,000	41,400	44,400
5	39,400	37,300	38,500	39,500	37,900	38,700	45,900	39,200	41,600	46,300	40,100	44,100
6	40,300	37,800	39,100	37,900	35,900	37,000	43,400	38,100	40,700	42,000	35,700	38,800
7	42,000	39,000	40,500	38,700	37,200	37,800	46,000	38,400	42,200	43,400	28,800	37,300
8	42,200	39,400	40,800	41,500	37,400	39,900	43,800	41,600	42,500	45,900	36,400	42,100
9	41,600	38,500	40,000	39,900	36,900	38,900	48,400	40,700	45,200	42,300	37,100	40,400
10	41,900	40,800	41,300	42,200	37,300	39,400	43,800	28,900	36,800	41,300	32,800	38,200
11	41,500	37,600	39,500	43,800	40,900	42,100	33,500	26,900	30,000	41,400	37,500	40,100
12	40,900	38,100	39,200	47,700	40,900	44,800	41,300	27,400	35,700	41,100	38,900	39,800
13	40,800	37,900	39,400	47,100	41,300	45,000	45,000	35,900	42,400	40,400	37,000	38,800
14	40,200	36,700	38,700	47,200	42,000	44,800	36,500	26,000	29,900	40,500	38,100	39,200
15	39,500	36,700	38,200	47,300	41,500	44,900	41,400	25,200	30,700	40,100	38,200	39,000
16	42,000	37,000	39,000	47,000	45,200	45,900	42,500	27,300	34,700	42,900	38,000	39,900
17	42,000	37,900	39,400	47,200	44,900	46,400	27,300	17,000	22,000	43,200	39,200	41,100
18	---	---	---	47,500	42,400	46,300	18,600	15,400	16,900	42,400	38,600	40,500
19	39,800	36,100	37,900	44,800	40,700	42,200	17,700	15,000	16,400	39,500	35,300	37,900
20	39,900	36,100	37,400	44,400	40,900	42,900	38,500	16,400	24,200	40,900	35,100	37,400
21	38,900	36,600	37,500	44,800	41,700	43,600	39,400	25,300	33,500	39,200	36,100	37,500
22	37,400	33,200	35,600	46,400	42,800	45,100	40,900	33,000	37,000	38,900	36,700	38,000
23	36,600	33,400	35,000	48,000	43,700	45,800	40,400	34,800	37,100	39,500	35,200	37,500
24	37,500	35,200	36,400	44,200	36,800	41,000	37,600	30,900	34,300	39,200	36,500	37,800
25	39,600	35,000	37,600	47,900	37,800	44,300	40,900	34,200	37,600	42,600	37,900	40,400
26	39,600	35,200	36,900	47,500	45,100	46,000	44,800	38,700	42,300	42,900	39,300	40,900
27	38,800	33,100	36,200	47,300	43,800	45,300	45,900	40,700	42,800	41,800	28,300	35,900
28	37,600	34,500	36,100	44,500	35,500	40,300	45,900	40,500	43,300	38,700	28,300	34,500
29	38,300	33,400	35,500	40,100	33,100	36,400	46,100	39,400	42,900	41,700	35,800	38,800
30	38,900	35,500	37,100	43,400	33,100	38,800	45,300	39,800	42,500	40,500	33,400	36,900
31	38,500	34,700	36,900	---	---	---	45,900	41,900	43,300	41,100	34,800	38,500
MONTH	---	---	---	48,000	33,100	41,900	48,400	15,000	36,700	46,900	28,300	39,600

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42,600	34,200	38,000	36,700	30,400	35,000	37,000	29,500	35,400	38,300	34,800	36,600
2	43,600	39,600	41,700	34,000	32,600	33,200	37,100	32,800	36,100	38,800	34,100	36,600
3	41,000	31,200	35,800	32,800	31,900	32,400	37,400	34,600	36,300	37,300	33,300	35,700
4	40,300	34,200	38,800	33,200	31,500	32,200	36,500	34,500	35,100	38,100	33,100	35,100
5	41,000	39,500	40,200	33,500	31,800	32,400	39,200	35,000	37,000	38,100	34,600	35,900
6	40,200	37,400	39,300	33,500	32,000	32,800	40,100	34,800	37,900	37,700	32,800	35,900
7	39,100	29,400	35,000	33,100	31,900	32,600	39,300	34,700	37,300	37,800	32,800	35,500
8	40,200	30,100	36,000	33,300	30,800	32,100	39,200	31,100	36,500	39,100	34,400	37,100
9	40,200	33,600	36,500	30,800	23,500	28,700	41,800	31,100	38,400	37,600	34,000	36,100
10	39,800	33,200	36,900	32,400	24,400	29,800	39,100	36,600	38,100	37,200	33,700	36,100
11	39,600	35,600	37,900	33,500	26,800	30,600	40,800	35,400	38,700	38,700	35,500	37,700
12	38,600	30,800	36,000	32,500	29,300	31,500	41,300	31,200	37,000	39,100	37,500	38,600
13	37,200	33,000	34,600	35,600	29,800	32,700	31,200	24,700	27,900	38,500	35,600	37,300
14	36,900	30,200	33,200	35,600	31,200	33,200	38,300	16,600	22,500	39,100	36,600	37,800
15	32,900	23,000	28,200	34,300	31,700	33,100	41,800	13,300	24,300	38,400	35,800	37,500
16	32,200	22,500	26,000	32,800	30,000	31,700	31,500	7,640	16,800	36,700	33,300	35,600
17	32,400	21,000	26,400	32,900	29,100	31,500	31,500	26,200	28,200	35,500	33,300	34,400
18	32,400	28,400	30,300	34,600	32,600	33,300	31,500	27,900	29,400	34,500	31,900	32,800
19	34,900	30,400	33,000	36,500	33,800	35,400	36,100	30,800	33,700	32,700	30,600	31,700
20	36,300	33,500	34,700	36,400	35,200	35,800	38,000	28,400	34,200	32,000	29,800	30,500
21	38,800	33,500	36,300	35,800	34,200	35,400	42,200	37,000	40,700	34,400	30,200	31,600
22	39,000	35,600	38,100	34,400	30,200	33,300	41,100	37,600	39,200	32,700	30,400	32,000
23	39,000	35,200	37,200	35,100	29,900	32,100	41,100	36,000	39,400	32,100	30,100	31,300
24	40,200	36,200	38,100	37,700	34,700	35,800	42,200	35,800	39,200	30,700	29,800	30,400
25	36,900	31,300	35,800	39,600	33,700	36,500	40,900	31,700	34,700	30,200	29,300	29,900
26	34,300	25,900	31,000	39,400	34,000	36,200	38,200	33,400	35,900	34,900	29,300	33,300
27	33,700	25,900	31,300	39,000	35,300	37,300	38,300	33,200	35,800	35,900	33,200	34,000
28	36,600	28,200	32,100	37,900	34,000	35,600	39,700	32,800	35,200	36,900	33,400	34,900
29	34,800	28,400	32,000	40,000	35,500	37,600	38,800	32,100	35,400	38,500	36,100	36,800
30	---	---	---	38,200	35,900	36,900	38,100	33,400	36,000	40,100	37,400	38,900
31	---	---	---	36,600	33,000	35,900	---	---	---	40,400	39,700	39,900
MONTH	43,600	21,000	34,800	40,000	23,500	33,600	42,200	7,640	34,400	40,400	29,300	35,100
	JUNE			JULY			AUGUST			SEPTEMBER		
1	40,900	38,800	40,200	34,100	31,300	33,300	37,600	34,000	35,900	42,900	40,800	41,600
2	40,900	38,900	39,900	34,200	31,200	33,600	37,700	34,900	36,200	43,200	40,500	42,000
3	42,100	38,100	39,600	33,800	31,800	33,100	37,100	34,900	36,100	43,200	40,000	42,000
4	40,700	35,100	38,100	33,300	30,700	32,500	36,800	34,600	35,800	42,600	39,100	40,800
5	38,000	34,100	36,400	33,200	30,400	32,000	36,200	30,900	33,500	42,200	38,500	40,100
6	40,200	33,800	36,100	33,100	30,900	31,600	33,700	30,500	31,900	41,400	39,200	40,300
7	44,600	36,500	39,100	33,000	30,900	31,800	35,800	30,500	32,800	40,700	36,700	38,800
8	44,800	40,200	42,900	32,600	31,100	32,000	36,600	29,600	33,100	41,900	36,700	39,400
9	46,500	38,300	41,900	32,000	30,200	31,100	35,100	31,600	32,500	41,600	40,000	40,700
10	41,400	36,400	38,700	32,000	27,900	30,100	35,700	29,300	31,800	40,900	37,400	39,700
11	44,200	38,700	41,400	29,900	25,500	27,500	38,700	30,000	32,800	41,500	36,400	38,800
12	42,500	38,300	41,200	28,300	26,000	27,400	39,200	30,300	34,400	40,700	36,600	38,400
13	40,700	37,000	38,700	30,500	27,400	29,000	41,600	31,100	34,800	41,700	37,500	40,100
14	39,800	36,200	38,300	29,400	25,700	27,100	41,600	33,700	37,800	42,300	40,000	41,500
15	39,400	35,700	38,500	29,000	24,100	26,900	41,400	34,400	37,700	42,300	38,300	41,000
16	38,900	35,700	37,800	28,800	21,000	25,200	41,400	35,200	38,400	42,000	38,900	40,600
17	40,000	35,800	37,500	25,400	18,100	22,400	42,200	37,800	40,200	41,500	37,700	40,300
18	38,800	34,700	37,300	20,500	15,500	19,300	41,400	39,300	40,500	38,900	34,800	37,400
19	38,200	34,200	36,000	32,800	19,800	24,200	42,300	39,700	41,800	45,400	37,800	42,500
20	38,500	34,700	36,500	34,100	25,100	29,900	44,200	41,100	43,000	46,100	38,500	42,300
21	37,900	34,800	36,600	38,300	30,100	33,400	44,200	41,300	43,300	46,400	37,100	42,800
22	39,900	34,800	38,000	35,300	28,400	32,400	45,700	39,500	43,400	46,100	38,100	43,300
23	40,900	35,500	38,500	31,400	27,700	29,000	46,200	41,400	43,900	45,000	38,900	43,100
24	40,500	35,300	38,200	33,500	28,000	30,500	45,500	43,300	44,500	45,700	41,400	43,500
25	39,100	32,200	36,300	33,800	28,700	31,800	44,900	43,100	44,100	45,400	42,500	43,800
26	36,500	32,400	34,500	35,700	29,500	32,100	43,800	42,300	43,100	45,900	42,400	43,900
27	36,600	33,400	35,200	35,600	32,300	33,800	43,300	41,000	42,600	45,900	41,600	44,000
28	35,100	32,700	34,200	36,200	32,100	34,200	43,900	42,100	42,800	42,400	37,600	40,300
29	34,300	32,800	33,500	35,900	33,400	34,900	43,800	41,500	42,900	41,000	36,900	39,800
30	34,300	31,600	33,300	36,700	33,700	35,300	43,000	40,900	42,300	41,900	36,900	40,000
31	---	---	---	36,600	33,500	35,200	42,300	40,800	41,700	---	---	---
MONTH	46,500	31,600	37,800	38,300	15,500	30,400	46,200	29,300	38,600	46,400	34,800	41,100

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.1	21.1	23.2	26.6	22.8	24.6	29.2	25.9	27.7	29.4	26.7	27.8
2	24.6	22.2	23.5	27.0	23.5	24.9	28.2	25.4	26.5	30.2	26.2	28.6
3	26.2	22.4	24.6	25.6	22.6	24.0	28.8	25.6	26.7	30.4	27.5	29.0
4	26.1	23.9	25.0	25.6	24.0	24.8	27.4	25.3	26.7	29.8	26.5	28.7
5	25.1	23.6	24.5	25.2	24.0	24.6	29.8	25.0	26.7	30.0	25.6	28.5
6	25.7	23.9	24.9	24.0	22.6	23.4	28.0	24.1	26.0	26.9	22.5	24.6
7	26.9	24.8	25.9	24.6	23.6	23.9	29.8	24.4	27.1	28.0	17.7	23.7
8	27.1	25.1	26.1	26.6	23.7	25.5	28.2	26.7	27.3	29.8	23.0	27.0
9	26.7	24.4	25.5	25.4	23.4	24.7	31.6	26.0	29.3	27.1	23.5	25.8
10	26.9	26.1	26.5	27.1	23.6	25.1	28.2	17.8	23.3	26.5	20.5	24.3
11	26.6	23.8	25.2	28.2	26.2	27.0	20.9	16.4	18.6	26.5	23.7	25.6
12	26.2	24.1	25.0	31.1	26.2	29.0	26.5	16.8	22.5	26.3	24.8	25.4
13	26.1	24.0	25.1	30.6	26.5	29.1	29.1	22.6	27.2	25.8	23.4	24.6
14	25.6	23.2	24.6	30.7	26.9	28.9	23.1	15.9	18.5	25.9	24.1	25.0
15	25.2	23.2	24.3	30.8	26.6	29.0	26.5	15.3	19.1	25.6	24.2	24.8
16	26.9	23.4	24.8	30.5	29.2	29.7	27.3	16.7	21.9	27.6	24.1	25.4
17	26.9	24.0	25.1	30.7	29.0	30.1	16.7	10.0	13.2	27.8	25.0	26.3
18	---	---	---	30.9	27.2	30.0	11.0	9.0	9.9	27.2	24.5	25.9
19	25.4	22.8	24.0	28.9	26.0	27.1	10.4	8.7	9.6	25.2	22.2	25.2
20	25.4	22.8	23.7	28.6	26.2	27.6	24.4	9.6	14.7	26.2	22.1	23.6
21	24.8	23.1	23.8	28.9	26.7	28.1	25.1	15.4	20.9	25.0	22.8	23.7
22	23.7	20.7	22.4	30.1	27.5	29.1	26.2	20.6	23.4	24.8	23.2	24.1
23	23.1	20.9	22.0	31.3	28.2	29.6	25.8	21.9	23.5	25.2	22.1	23.8
24	23.7	22.1	22.9	28.5	23.3	26.3	23.8	19.2	21.5	25.0	23.1	24.0
25	25.2	22.0	23.8	31.2	23.9	28.6	26.2	21.5	23.8	27.3	24.0	25.8
26	25.2	22.1	23.3	30.9	29.2	29.8	28.9	24.6	27.2	27.6	25.0	26.2
27	24.7	20.7	22.8	30.8	28.2	29.3	29.8	26.0	27.5	26.8	17.4	22.6
28	23.8	21.7	22.8	28.7	22.3	25.7	29.8	25.9	27.9	24.6	17.4	21.7
29	24.3	20.9	22.4	25.6	20.7	23.0	29.9	25.1	27.6	26.7	22.5	24.7
30	24.8	22.3	23.5	28.0	20.7	24.7	29.3	25.4	27.3	25.9	20.9	23.3
31	24.4	21.8	23.3	---	---	---	29.8	26.9	27.9	26.3	21.9	24.4
MONTH	---	---	---	31.3	20.7	26.9	31.6	8.7	23.3	30.4	17.4	25.3
FEBRUARY			MARCH			APRIL			MAY			
1	27.3	21.5	24.1	23.2	18.9	22.0	23.4	18.2	22.3	24.3	21.9	23.1
2	28.1	25.2	26.7	21.3	20.4	20.7	23.5	20.5	22.8	24.7	21.4	23.1
3	26.2	19.4	22.6	20.5	19.9	20.2	23.7	21.8	22.9	23.6	20.8	22.5
4	25.7	21.5	24.7	20.7	19.6	20.1	23.1	21.7	22.1	24.1	20.7	22.1
5	26.2	25.2	25.7	20.9	19.8	20.2	25.0	22.0	23.4	24.1	21.8	22.6
6	25.6	23.7	25.0	20.9	19.9	20.5	25.6	21.9	24.0	23.9	20.5	22.7
7	24.9	18.1	22.0	20.7	19.9	20.4	25.0	21.8	23.6	23.9	20.5	22.4
8	25.6	18.7	22.7	20.8	19.1	20.0	25.0	19.3	23.1	24.9	21.6	23.5
9	25.6	21.0	23.1	19.1	14.2	17.7	26.8	19.3	24.4	23.8	21.3	22.8
10	25.4	20.7	23.4	20.2	14.8	18.5	24.9	23.1	24.2	23.6	21.1	22.8
11	25.2	22.4	24.1	20.9	16.4	19.0	26.1	22.3	24.6	24.6	22.3	23.9
12	24.5	19.1	22.7	20.3	18.1	19.6	26.5	19.4	23.4	24.9	23.7	24.5
13	23.6	20.6	21.7	22.4	18.4	20.4	19.4	15.0	17.1	24.4	22.4	23.6
14	23.4	18.7	20.8	22.4	19.4	20.8	24.3	9.7	13.6	24.9	23.1	24.0
15	20.6	13.9	17.4	21.5	19.7	20.7	26.8	7.6	15.0	24.4	22.5	23.8
16	20.1	13.5	15.9	20.5	18.6	19.7	19.6	4.2	9.9	23.2	20.8	22.4
17	20.2	12.6	16.1	20.6	17.9	19.6	19.6	16.0	17.3	22.3	20.8	21.6
18	20.2	17.5	18.8	21.8	20.4	20.8	19.6	17.2	18.1	21.7	19.9	20.5
19	21.9	18.9	20.6	23.1	21.2	22.3	22.8	19.1	21.1	20.4	19.0	19.7
20	22.9	20.9	21.8	23.0	22.1	22.5	24.1	17.5	21.5	19.9	18.4	18.9
21	24.7	20.9	22.9	22.5	21.5	22.2	27.1	23.4	26.0	21.6	18.7	19.7
22	24.8	22.4	24.2	21.6	18.7	20.8	26.3	23.8	24.9	20.4	18.9	19.9
23	24.8	22.1	23.6	22.1	18.5	20.0	26.3	22.7	25.1	20.0	18.7	19.4
24	25.6	22.8	24.1	23.9	21.8	22.6	27.1	22.5	25.0	19.0	18.4	18.8
25	23.4	19.4	22.5	25.2	21.1	23.1	26.2	19.7	21.8	18.7	18.1	18.5
26	21.5	15.8	19.3	25.1	21.3	22.9	24.2	20.9	22.6	21.9	18.1	20.8
27	21.1	15.8	19.4	24.8	22.2	23.6	24.3	20.7	22.6	22.6	20.7	21.3
28	23.1	17.4	20.0	24.0	21.3	22.4	25.3	20.5	22.1	23.4	20.9	22.0
29	21.9	17.5	20.0	25.5	22.3	23.8	24.7	20.0	22.3	24.4	22.8	23.3
30	---	---	---	24.2	22.6	23.3	24.1	20.9	22.7	25.6	23.7	24.7
31	---	---	---	23.1	20.6	22.6	---	---	---	25.8	25.3	25.4
MONTH	28.1	12.6	21.9	25.5	14.2	21.1	27.1	4.2	21.6	25.8	18.1	22.1

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.2	24.7	25.7	21.4	19.4	20.8	23.8	21.3	22.7	27.6	26.1	26.7
2	26.2	24.8	25.4	21.5	19.4	21.0	23.9	21.9	22.8	27.8	25.9	27.0
3	27.0	24.1	25.3	21.2	19.8	20.7	23.5	21.9	22.8	27.8	25.5	26.9
4	26.0	22.1	24.2	20.8	19.0	20.3	23.3	21.8	22.5	27.3	24.9	26.1
5	24.1	21.4	23.0	20.7	18.9	19.9	22.8	19.2	21.0	27.1	24.4	25.6
6	25.6	21.2	22.8	20.7	19.2	19.7	21.1	18.9	19.9	26.5	25.0	25.7
7	28.8	23.1	24.9	20.6	19.2	19.8	22.5	18.9	20.5	26.0	23.2	24.7
8	28.9	25.6	27.6	20.4	19.3	19.9	23.1	18.3	20.7	26.9	23.2	25.1
9	30.1	24.3	26.9	19.9	18.7	19.3	22.1	19.6	20.3	26.7	25.5	26.0
10	26.5	23.0	24.6	19.9	17.2	18.6	22.5	18.1	19.8	26.2	23.7	25.3
11	28.5	24.6	26.5	18.5	15.5	16.9	24.6	18.6	20.5	26.6	23.0	24.7
12	27.3	24.3	26.4	17.4	15.9	16.8	25.0	18.8	21.6	26.0	23.1	24.4
13	26.0	23.4	24.6	18.9	16.8	17.9	26.7	19.3	21.9	26.7	23.7	25.6
14	25.4	22.8	24.3	18.1	15.7	16.6	26.7	21.1	23.9	27.1	25.5	26.5
15	25.1	22.5	24.5	17.9	14.6	16.5	26.5	21.6	23.9	27.1	24.3	26.2
16	24.8	22.5	24.0	17.7	12.6	15.4	26.5	22.1	24.4	26.9	24.8	25.9
17	25.5	22.5	23.7	15.5	10.7	13.5	27.1	23.9	25.6	26.6	23.9	25.7
18	24.7	21.8	23.6	12.2	9.0	11.4	26.5	25.0	25.9	24.8	21.9	23.7
19	24.2	21.5	22.7	20.5	11.8	14.7	27.1	25.3	26.8	29.4	23.9	27.3
20	24.4	21.8	23.0	21.4	15.3	18.5	28.5	26.3	27.6	29.9	24.4	27.2
21	24.0	21.9	23.1	24.3	18.7	20.9	28.5	26.5	27.9	30.1	23.5	27.5
22	25.4	21.9	24.1	22.2	17.5	20.2	29.6	25.2	28.0	29.9	24.1	27.9
23	26.2	22.3	24.4	19.5	17.0	17.9	29.9	26.5	28.3	29.1	24.8	27.7
24	25.9	22.2	24.2	20.9	17.2	18.9	29.5	27.9	28.7	29.6	26.5	28.0
25	24.9	20.1	22.9	21.2	17.7	19.8	29.0	27.7	28.4	29.4	27.3	28.2
26	23.1	20.2	21.7	22.5	18.2	20.0	28.2	27.1	27.7	29.8	27.2	28.3
27	23.1	20.9	22.2	22.4	20.2	21.2	27.9	26.2	27.4	29.8	26.7	28.4
28	22.1	20.4	21.5	22.8	20.0	21.5	28.3	27.0	27.5	27.2	23.8	25.7
29	21.5	20.5	20.9	22.6	20.9	21.9	28.2	26.6	27.6	26.2	23.4	25.4
30	21.5	19.6	20.8	23.2	21.1	22.2	27.6	26.2	27.1	26.9	23.4	25.5
31	---	---	---	23.1	20.9	22.2	27.1	26.1	26.7	---	---	---
MONTH	30.1	19.6	24.0	24.3	9.0	18.9	29.9	18.1	24.5	30.1	21.9	26.3

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.5	20.9	21.8	24.8	23.2	23.8	15.8	14.0	14.8	15.4	13.7	14.5
2	22.6	20.7	21.5	24.9	23.4	24.0	15.6	14.4	15.0	16.6	15.1	15.8
3	23.4	19.9	21.7	25.0	23.7	24.3	16.1	14.5	15.3	17.7	16.1	16.7
4	23.8	22.1	23.0	24.8	23.8	24.3	17.3	15.7	16.2	18.3	17.0	17.7
5	25.6	22.9	23.9	25.2	24.2	24.7	16.6	14.6	15.8	18.6	16.8	18.2
6	26.2	24.1	25.0	25.7	24.4	25.0	14.6	11.3	12.7	16.8	12.4	14.1
7	26.9	24.9	25.7	25.3	24.1	24.7	13.1	10.9	12.0	13.1	10.9	11.6
8	27.4	25.8	26.3	24.6	23.2	23.7	14.2	12.0	13.1	12.5	10.7	11.7
9	26.7	25.6	26.2	23.4	21.6	22.8	17.6	13.8	15.7	13.3	11.7	12.3
10	26.4	25.6	26.0	23.2	22.1	22.9	15.5	12.6	13.7	12.4	9.8	11.4
11	26.2	25.4	25.8	24.6	22.6	23.5	12.8	11.4	12.1	12.8	9.8	11.4
12	26.2	24.7	25.5	25.4	23.4	24.5	13.6	11.6	12.6	12.4	10.8	11.7
13	27.2	24.9	25.9	24.7	21.3	23.4	14.7	13.0	14.1	13.8	11.8	12.7
14	26.9	25.6	26.2	21.4	18.7	19.9	13.0	12.1	12.6	15.4	12.8	13.9
15	25.6	22.8	23.9	22.1	18.9	20.4	15.0	12.0	13.2	15.6	14.2	14.8
16	24.0	21.7	23.1	23.2	20.7	21.7	15.2	13.0	14.2	16.2	15.0	15.6
17	25.0	22.8	23.8	23.7	22.2	22.6	13.0	10.8	11.5	16.5	15.6	16.1
18	---	---	---	23.0	21.0	22.6	12.0	10.9	11.5	16.9	15.8	16.3
19	23.2	21.8	22.6	21.0	18.5	19.4	11.9	11.0	11.5	15.8	14.0	14.8
20	23.9	22.0	22.9	18.5	17.7	18.1	13.7	10.9	11.9	14.0	11.3	12.5
21	24.2	22.4	23.5	19.5	17.8	18.7	15.0	11.2	13.0	13.7	11.3	12.5
22	24.2	22.9	23.6	20.5	18.7	19.5	15.5	13.4	14.4	14.6	11.9	13.1
23	25.0	23.4	24.0	21.9	19.7	20.6	15.3	14.3	14.9	14.7	12.4	13.6
24	25.4	23.9	24.7	20.6	15.3	17.4	14.9	12.4	13.8	15.5	13.7	14.6
25	25.3	24.5	25.0	17.0	13.2	15.3	14.0	12.6	13.4	16.3	15.1	15.7
26	25.1	24.5	24.9	18.0	14.7	16.6	14.4	12.6	13.5	16.4	15.8	16.1
27	24.5	21.0	22.3	19.2	17.6	18.1	15.2	13.5	14.2	15.8	12.4	14.1
28	21.0	19.2	20.5	18.7	14.6	16.4	15.7	14.4	15.1	12.4	9.7	11.2
29	22.2	19.7	21.0	14.6	12.8	13.7	15.9	14.8	15.6	12.4	10.9	11.5
30	23.3	21.1	22.0	14.2	12.8	13.6	14.9	12.9	14.1	12.9	11.8	12.5
31	24.0	22.4	23.3	---	---	---	13.9	13.0	13.5	12.9	11.7	12.4
MONTH	---	---	---	25.7	12.8	20.9	17.6	10.8	13.7	18.6	9.7	13.9
FEBRUARY			MARCH			APRIL			MAY			
1	13.5	11.1	12.1	17.5	16.2	16.8	21.9	19.7	20.8	24.5	22.8	23.4
2	14.2	12.2	13.1	18.0	16.6	17.1	22.4	20.5	21.4	23.9	22.5	23.1
3	13.4	10.9	12.2	19.7	16.8	18.0	22.6	21.2	21.9	23.2	21.6	22.4
4	14.0	11.8	12.6	19.9	17.5	18.9	23.3	21.5	22.2	24.1	21.3	22.3
5	16.2	14.0	14.9	20.3	18.4	19.2	22.8	21.6	22.3	25.7	22.2	23.4
6	16.2	15.0	15.8	21.7	19.6	20.7	22.8	21.2	21.8	26.6	23.1	24.3
7	15.0	12.6	13.7	22.5	21.0	21.6	23.2	21.4	22.0	26.6	23.9	25.1
8	13.2	10.8	12.0	21.7	19.4	20.7	23.5	22.1	22.8	27.5	24.7	25.8
9	13.4	11.1	12.2	20.1	18.6	19.6	24.5	22.3	22.9	27.4	25.1	26.2
10	13.4	13.0	13.2	18.6	16.4	17.7	25.7	23.1	24.0	27.6	24.9	26.1
11	14.1	13.4	13.7	18.7	16.5	17.6	25.3	23.4	24.3	27.5	25.9	26.6
12	14.4	13.1	14.1	19.4	16.8	18.1	23.7	20.9	22.5	27.6	26.3	26.8
13	13.1	11.9	12.3	19.6	17.9	18.8	20.9	18.6	19.3	27.8	26.3	27.0
14	12.0	10.9	11.7	19.6	18.7	19.2	19.1	17.0	18.1	27.9	26.6	27.2
15	11.0	9.8	10.4	19.6	18.8	19.2	20.2	17.4	18.8	27.0	25.8	26.5
16	12.1	10.0	10.9	21.6	19.3	20.2	21.4	18.6	19.6	27.6	25.8	26.5
17	12.8	10.7	11.7	21.5	19.6	20.5	23.4	21.1	21.9	28.4	26.4	27.1
18	13.6	10.6	12.2	22.9	20.3	21.4	24.4	21.8	22.9	28.8	26.7	27.5
19	14.7	12.0	13.4	23.0	21.5	22.2	25.0	22.4	23.3	28.7	26.3	27.4
20	16.3	14.0	14.9	23.8	21.7	22.6	24.0	22.5	23.1	29.3	26.9	27.9
21	16.8	15.6	16.2	24.5	22.2	23.2	24.6	22.4	23.3	29.6	26.7	28.1
22	16.5	16.0	16.2	22.2	19.3	20.4	26.0	23.2	24.2	29.4	27.1	28.2
23	17.2	16.0	16.5	20.2	18.0	19.3	26.2	24.1	25.0	29.2	27.1	28.0
24	16.8	16.3	16.5	20.5	18.9	19.6	26.9	24.6	25.5	29.3	27.3	28.3
25	17.0	16.2	16.6	21.2	19.6	20.3	26.8	25.6	26.1	28.9	27.2	28.2
26	16.4	14.3	15.2	22.3	20.1	21.0	26.1	24.7	25.4	28.9	27.1	28.1
27	14.3	13.0	13.5	22.9	20.8	21.7	25.5	23.0	24.5	28.6	26.7	27.7
28	15.4	13.1	14.1	23.8	21.6	22.5	25.1	23.8	24.4	28.7	26.9	27.8
29	16.8	14.2	15.4	24.2	21.9	23.1	25.2	23.4	24.3	29.4	27.7	28.4
30	---	---	---	23.9	21.5	22.8	25.0	23.1	24.1	29.5	27.8	28.5
31	---	---	---	22.7	21.7	22.2	---	---	---	29.8	27.8	28.6
MONTH	17.2	9.8	13.7	24.5	16.2	20.2	26.9	17.0	22.8	29.8	21.3	26.5

073813498 CAILLOU BAY SOUTHWEST OF COCODRIE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.8	28.3	29.3	31.6	29.7	30.6	32.4	30.8	31.6	31.0	28.9	29.8
2	29.7	28.1	28.7	31.5	29.9	30.6	32.8	30.8	31.7	30.9	29.1	30.0
3	30.1	27.9	28.7	31.8	29.6	30.7	33.2	30.8	31.8	30.4	29.5	29.9
4	30.4	28.2	29.1	33.0	30.0	31.3	33.6	30.9	32.0	30.8	28.9	29.9
5	30.7	28.3	29.4	32.1	30.4	31.3	32.3	31.1	31.6	31.1	29.5	30.3
6	31.0	28.1	29.2	32.2	30.2	31.3	31.6	30.4	31.0	30.7	29.8	30.3
7	30.4	28.0	29.3	31.8	30.5	31.1	31.0	29.0	30.1	30.7	29.3	30.0
8	30.3	28.4	29.5	31.3	29.4	30.3	31.2	29.3	30.2	30.7	28.2	29.6
9	30.3	28.6	29.4	29.4	27.6	28.5	31.3	29.2	30.3	31.5	29.6	30.3
10	31.0	29.0	29.8	30.4	28.1	29.1	31.3	29.8	30.6	31.0	29.2	30.0
11	31.5	29.6	30.4	32.2	29.1	30.4	32.3	30.2	31.1	30.4	29.2	29.7
12	32.0	29.9	30.6	32.1	30.5	31.1	30.6	28.9	30.0	29.8	28.7	29.2
13	30.9	29.6	30.3	31.7	30.0	30.5	28.9	26.1	27.5	29.3	28.0	28.6
14	29.6	28.3	29.0	30.6	29.3	29.8	27.1	25.2	26.2	29.7	28.0	28.6
15	30.0	28.1	28.9	31.0	29.2	30.1	27.5	25.2	26.3	28.5	26.9	27.7
16	31.0	28.8	29.7	31.1	29.8	30.2	27.8	25.5	26.6	27.9	26.6	27.2
17	32.4	28.9	30.3	30.4	29.5	30.0	28.3	26.3	27.4	30.8	27.7	28.7
18	32.7	30.0	31.1	29.9	28.6	29.1	29.6	27.4	28.4	30.6	29.0	29.7
19	31.8	30.5	31.0	30.7	28.0	29.0	30.3	28.4	29.3	29.8	27.9	28.8
20	32.2	29.7	30.6	31.1	29.1	30.0	30.7	29.3	30.0	28.5	27.0	27.7
21	30.9	29.8	30.3	31.1	29.3	30.3	31.7	29.6	30.4	27.2	25.6	26.6
22	30.8	28.9	29.9	31.8	29.6	30.6	32.4	30.1	31.0	26.7	25.2	25.9
23	30.8	29.2	29.9	31.9	30.4	30.8	32.3	30.5	31.4	26.5	25.5	25.9
24	29.9	28.6	29.4	32.5	29.8	31.1	32.5	30.9	31.6	27.2	26.0	26.5
25	28.6	27.7	28.1	32.4	30.8	31.6	32.3	30.9	31.4	27.6	26.0	26.6
26	28.0	26.7	27.5	31.6	29.8	30.7	32.9	30.7	31.5	27.5	26.1	26.8
27	30.1	27.1	28.3	32.0	29.9	30.8	32.6	30.6	31.4	27.2	26.2	26.7
28	31.5	28.6	29.7	33.0	30.4	31.6	31.5	30.6	30.9	27.0	25.7	26.4
29	32.5	29.8	30.8	34.1	31.3	32.3	30.8	29.3	30.1	26.2	25.0	25.6
30	32.0	30.0	30.8	34.7	32.0	32.9	29.9	28.9	29.2	26.5	25.2	25.9
31	---	---	---	32.9	31.7	32.1	30.7	28.5	29.5	---	---	---
MONTH	32.7	26.7	29.6	34.7	27.6	30.6	33.6	25.2	30.1	31.5	25.0	28.3

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA

LOCATION.--Lat 29° 38'41", long 90° 32'41", T. 16 S., R. 19 E., Lafourche Parish, Hydrologic Unit 08090302, on downstream side of the north support pier of U.S. Highway 1 drawbridge.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--April 2002 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.70 ft, Sept. 27, 2002; minimum gage height, 0.29 ft, Aug. 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.53 ft, May 15; minimum gage height, 0.31 ft, Dec. 20, Apr. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	1.64	1.38	1.52	0.89	0.77	0.85	1.23	1.12	1.17
2	---	---	---	1.67	1.48	1.58	0.82	0.72	0.78	1.25	1.13	1.19
3	1.48	1.20	1.35	1.55	1.44	1.51	1.07	0.74	0.91	1.27	1.11	1.19
4	1.58	1.32	1.45	1.51	1.40	1.45	1.19	1.05	1.13	1.34	1.18	1.25
5	1.59	1.41	1.50	1.49	1.39	1.43	1.23	0.90	1.09	1.41	1.12	1.30
6	1.56	1.38	1.48	1.56	1.37	1.48	0.92	0.53	0.72	1.14	0.59	0.88
7	1.68	1.39	1.51	1.41	1.11	1.27	0.66	0.52	0.58	0.65	0.45	0.56
8	1.68	1.59	1.62	1.29	1.08	1.19	0.85	0.58	0.77	0.77	0.47	0.68
9	1.74	1.55	1.62	1.31	1.04	1.18	1.18	0.82	1.04	1.03	0.74	0.91
10	2.18	1.74	1.99	1.30	1.07	1.22	1.36	1.00	1.20	0.83	0.44	0.65
11	2.19	1.98	2.11	1.47	1.23	1.36	1.00	0.80	0.91	0.63	0.43	0.55
12	1.98	1.72	1.86	1.53	1.29	1.42	1.09	0.81	0.99	0.72	0.51	0.63
13	1.85	1.72	1.78	1.50	1.20	1.39	1.51	1.00	1.30	0.76	0.59	0.68
14	1.86	1.64	1.76	1.23	1.08	1.17	1.39	1.02	1.21	0.85	0.67	0.79
15	1.65	1.38	1.55	1.43	1.10	1.30	1.24	1.02	1.14	0.93	0.82	0.87
16	1.61	1.39	1.50	1.56	1.27	1.44	1.42	1.17	1.30	1.05	0.82	0.89
17	1.56	1.38	1.47	1.67	1.41	1.55	1.21	0.59	0.88	1.56	1.03	1.30
18	1.39	1.14	1.29	1.98	1.56	1.77	0.63	0.49	0.55	1.65	1.38	1.56
19	1.41	1.09	1.26	1.95	1.36	1.67	0.59	0.35	0.48	1.44	1.05	1.26
20	1.52	1.24	1.39	1.37	1.05	1.16	0.47	0.31	0.40	1.08	0.81	0.96
21	1.46	1.31	1.39	1.28	1.11	1.20	0.65	0.47	0.58	0.98	0.78	0.88
22	1.38	1.08	1.23	1.26	1.07	1.17	0.85	0.64	0.79	0.91	0.72	0.83
23	1.21	1.01	1.08	1.62	1.17	1.36	1.20	0.82	1.05	0.87	0.72	0.79
24	1.32	1.18	1.24	1.57	1.00	1.32	0.98	0.65	0.84	0.93	0.73	0.86
25	1.49	1.32	1.42	1.07	0.88	0.99	0.90	0.65	0.79	1.24	0.86	1.11
26	1.61	1.35	1.51	1.32	0.94	1.18	0.98	0.72	0.86	1.38	1.22	1.32
27	1.38	1.03	1.24	1.78	1.21	1.53	1.01	0.77	0.91	1.35	0.84	1.12
28	1.28	1.04	1.17	1.86	1.38	1.67	1.15	0.88	1.03	0.84	0.53	0.66
29	1.41	1.10	1.29	1.38	0.93	1.14	1.64	1.04	1.39	0.61	0.48	0.55
30	1.61	1.24	1.46	1.01	0.88	0.95	1.52	1.16	1.32	0.93	0.61	0.78
31	1.62	1.43	1.53	---	---	---	1.22	1.12	1.17	1.00	0.83	0.91
MONTH	---	---	---	1.98	0.88	1.35	1.64	0.31	0.93	1.65	0.43	0.94

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.19	1.00	1.08	1.44	1.24	1.30	1.08	0.88	0.97	2.52	2.38	2.44
2	1.28	1.15	1.21	1.50	1.39	1.44	1.04	0.89	0.97	2.49	2.26	2.39
3	1.30	0.99	1.18	1.49	1.39	1.44	1.01	0.86	0.94	2.26	1.90	2.09
4	1.28	0.99	1.07	1.67	1.42	1.53	0.92	0.82	0.87	1.90	1.59	1.72
5	1.71	1.28	1.55	1.85	1.67	1.76	0.97	0.80	0.86	1.59	1.44	1.49
6	1.83	1.54	1.73	1.93	1.71	1.83	1.31	0.92	1.03	1.51	1.35	1.42
7	1.54	1.01	1.32	1.71	1.36	1.56	1.41	1.25	1.35	1.50	1.33	1.42
8	1.01	0.68	0.83	1.36	0.95	1.18	1.39	1.17	1.26	1.49	1.32	1.40
9	0.78	0.65	0.72	0.95	0.62	0.79	1.23	1.02	1.12	1.48	1.27	1.38
10	1.06	0.72	0.89	0.68	0.48	0.57	1.24	1.04	1.14	1.63	1.42	1.50
11	1.64	1.04	1.34	0.67	0.51	0.57	1.55	1.21	1.42	1.88	1.62	1.71
12	1.67	1.42	1.58	0.73	0.54	0.63	1.61	1.35	1.49	2.22	1.88	1.96
13	1.42	1.03	1.20	0.89	0.66	0.76	1.38	0.79	1.11	2.24	2.19	2.22
14	1.21	0.97	1.07	1.01	0.82	0.89	0.79	0.38	0.58	2.31	2.22	2.26
15	1.21	0.80	1.01	1.07	0.92	1.00	0.42	0.31	0.37	2.53	2.25	2.41
16	0.82	0.56	0.68	1.21	1.01	1.10	0.58	0.36	0.47	2.52	2.37	2.43
17	0.70	0.57	0.64	1.15	1.04	1.09	0.69	0.50	0.62	2.37	2.25	2.30
18	0.70	0.51	0.62	1.29	1.13	1.22	0.91	0.65	0.78	2.35	2.24	2.29
19	0.66	0.51	0.60	1.31	1.16	1.24	1.05	0.81	0.92	2.34	2.24	2.28
20	0.92	0.61	0.80	1.25	1.14	1.20	1.15	0.88	1.00	2.25	2.11	2.17
21	1.01	0.81	0.92	1.14	0.94	1.07	1.35	1.05	1.16	2.12	1.97	2.04
22	1.13	0.86	1.03	0.94	0.73	0.80	1.64	1.33	1.46	1.99	1.86	1.92
23	1.59	1.05	1.29	1.12	0.72	0.87	1.65	1.48	1.58	2.02	1.86	1.93
24	1.73	1.58	1.66	1.35	1.06	1.17	1.73	1.46	1.58	2.02	1.95	1.99
25	1.78	1.68	1.72	1.64	1.34	1.46	1.94	1.57	1.67	2.03	1.91	1.96
26	1.71	1.33	1.53	1.64	1.47	1.56	1.97	1.72	1.87	1.92	1.79	1.85
27	1.33	1.01	1.12	1.62	1.43	1.52	1.72	1.29	1.48	1.81	1.69	1.75
28	1.03	0.88	0.95	1.63	1.50	1.56	1.30	1.10	1.20	1.71	1.60	1.65
29	1.25	0.98	1.11	1.64	1.48	1.58	1.58	1.30	1.42	1.68	1.57	1.61
30	---	---	---	1.63	1.34	1.47	2.49	1.56	2.24	1.97	1.67	1.82
31	---	---	---	1.40	1.07	1.27	---	---	---	2.08	1.96	2.03
MONTH	1.83	0.51	1.12	1.93	0.48	1.21	2.49	0.31	1.16	2.53	1.27	1.93
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.04	1.93	1.98	1.81	1.62	1.71	1.62	1.39	1.49	1.13	0.93	1.02
2	2.05	1.89	1.99	1.80	1.68	1.75	1.61	1.37	1.47	1.06	0.97	1.01
3	2.05	1.96	2.01	1.79	1.63	1.71	1.50	1.26	1.36	1.22	1.00	1.14
4	1.98	1.81	1.89	1.75	1.60	1.66	1.32	1.10	1.18	1.41	1.13	1.28
5	1.88	1.67	1.75	1.68	1.56	1.62	1.18	0.91	1.06	1.42	1.21	1.30
6	1.70	1.52	1.61	1.67	1.58	1.62	0.99	0.74	0.89	1.23	1.00	1.15
7	1.65	1.53	1.59	1.62	1.43	1.52	0.82	0.68	0.75	1.00	0.74	0.89
8	1.70	1.55	1.62	1.51	1.43	1.46	1.19	0.75	0.99	0.77	0.59	0.69
9	1.70	1.56	1.63	1.58	1.44	1.50	1.31	1.03	1.20	1.03	0.61	0.80
10	1.65	1.58	1.62	1.63	1.45	1.52	1.38	1.16	1.26	1.02	0.86	0.94
11	1.61	1.51	1.58	1.63	1.55	1.58	1.39	1.11	1.25	1.17	0.82	0.97
12	1.63	1.47	1.52	1.56	1.41	1.48	1.35	1.21	1.29	1.42	1.06	1.20
13	1.68	1.44	1.54	---	---	---	1.22	0.86	1.00	1.54	1.35	1.43
14	1.92	1.63	1.74	---	---	---	0.86	0.65	0.76	1.73	1.51	1.60
15	1.89	1.78	1.85	1.36	1.18	1.26	0.92	0.66	0.79	1.78	1.70	1.74
16	1.95	1.77	1.85	1.34	1.21	1.28	1.00	0.74	0.86	1.70	1.44	1.53
17	1.93	1.80	1.86	1.32	1.14	1.21	1.03	0.82	0.92	1.65	1.57	1.61
18	1.87	1.71	1.76	1.41	1.13	1.31	1.14	0.92	1.00	1.74	1.47	1.65
19	1.74	1.57	1.63	1.40	1.25	1.32	1.27	1.07	1.15	1.66	1.45	1.55
20	1.62	1.42	1.51	1.30	1.12	1.20	1.35	1.23	1.29	1.73	1.42	1.59
21	1.55	1.37	1.48	1.30	1.17	1.24	1.26	1.08	1.21	1.81	1.59	1.71
22	1.58	1.41	1.50	1.29	1.12	1.20	1.22	1.02	1.11	1.93	1.70	1.80
23	1.64	1.48	1.55	1.18	1.00	1.08	1.25	0.97	1.11	2.09	1.81	1.94
24	1.74	1.52	1.61	1.06	0.95	1.00	1.29	1.01	1.15	2.16	2.04	2.10
25	1.88	1.71	1.78	1.14	0.98	1.05	1.34	1.06	1.20	2.11	1.86	1.97
26	1.86	1.75	1.81	1.19	0.97	1.06	1.30	1.06	1.18	1.88	1.60	1.71
27	---	---	---	1.23	1.09	1.16	1.33	1.03	1.17	1.60	1.38	1.47
28	---	---	---	1.20	1.00	1.09	1.34	1.04	1.19	1.45	1.08	1.25
29	1.76	1.67	1.72	1.37	1.02	1.16	1.33	1.07	1.20	1.09	0.87	0.97
30	1.77	1.62	1.69	1.39	1.16	1.26	1.31	1.05	1.17	1.16	0.99	1.08
31	---	---	---	1.55	1.21	1.34	1.27	1.01	1.10	---	---	---
MONTH	---	---	---	---	---	---	1.62	0.65	1.12	2.16	0.59	1.37

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- 1956 (inorganics only); 1979-80 (specific conductance); 1981-85, 2002 (specific conductance and temperature); October 2002 to September 2003.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1979 to September 1985, April 2002 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: December 1980 to September 1985, April 2002 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except Feb. 11-25, Mar. 15-April 6, Apr. 19-May 17, July 19-27, and Aug. 11-Sept. 11 when records good, Oct. 1-5, May 18-June 7, and Sept. 12-30 when records fair, Oct. 6-7, and June 8-28 when records poor.

SALINITY: Records excellent except Feb. 11-25, Mar. 15-April 6, Apr. 19-May 17, July 19-27, and Aug. 11-Sept. 11 when records good, Oct. 1-5, May 18-June 7, and Sept. 12-30 when records fair, Oct. 6-7, and June 8-28 when records poor.

WATER TEMPERATURE: Records excellent except Oct. 1-7, Oct. 23-Nov. 30, Jan 20-Feb. 25, July 25-27, and Sept. 18-30 when records good, Dec. 1-15 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 7,310 microsiemens/cm, Sept. 24, 1984; minimum, 118 microsiemens/cm, Sept. 28, 2002.

SALINITY: Maximum, 1.6 ppt, Nov. 24, 2003; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 34.8°C, July 21, 2002; minimum, 1.0°C, Dec. 25, 26, 1983.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 3,060 microsiemens/cm, Nov. 24; minimum, 121 microsiemens/cm, May 1.

SALINITY: Maximum, 1.6 ppt, Nov. 24; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 33.1°C, July 22; minimum, 9.0°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	430	419	425	916	863	891	466	440	451
2	---	---	---	432	426	429	922	885	907	477	465	471
3	371	343	360	430	424	428	906	800	871	478	470	473
4	371	347	359	425	409	417	853	552	681	486	339	417
5	404	354	386	423	404	410	838	507	666	488	360	440
6	430	396	417	464	404	420	862	774	824	463	454	458
7	427	383	407	463	427	437	794	747	769	462	453	459
8	388	383	385	446	427	439	772	572	672	499	389	439
9	393	384	389	445	430	438	692	552	619	499	448	460
10	401	362	389	434	428	431	626	413	513	452	424	439
11	401	389	393	461	427	434	640	496	591	450	434	446
12	443	391	403	493	445	462	680	498	580	444	420	436
13	455	406	444	496	458	475	589	482	549	420	397	408
14	448	414	429	473	463	468	557	454	516	420	394	401
15	420	396	414	464	449	455	612	478	564	396	376	385
16	410	330	372	481	444	459	601	426	539	384	368	378
17	386	355	375	490	443	463	584	424	521	376	355	367
18	388	335	378	455	434	443	612	584	599	447	356	395
19	388	345	366	1,160	438	858	603	582	593	417	396	403
20	364	339	353	876	649	714	596	572	584	432	400	410
21	454	348	411	1,250	560	812	578	419	525	443	419	425
22	509	403	470	1,740	783	1,210	547	439	491	478	426	440
23	403	393	399	2,870	763	1,340	518	420	469	455	428	433
24	444	396	410	3,060	1,640	2,650	474	409	442	439	414	428
25	439	398	411	1,640	613	848	468	383	423	417	391	408
26	412	397	405	757	554	629	487	389	452	396	373	380
27	418	405	413	703	451	595	489	383	450	390	365	375
28	410	398	404	453	389	410	481	391	437	423	390	417
29	423	392	404	732	400	534	467	351	402	426	421	423
30	428	411	420	897	732	816	481	356	396	503	338	437
31	432	415	421	---	---	---	463	434	442	487	443	467
MONTH	---	---	---	3,060	389	645	922	351	580	503	338	425

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	482	336	391	265	258	261	308	299	302	251	121	176
2	479	354	421	276	258	264	307	297	300	176	135	153
3	426	410	414	282	275	278	324	304	312	181	167	174
4	450	356	402	307	279	297	327	311	318	218	181	203
5	428	333	390	316	269	301	334	323	332	233	198	207
6	432	358	410	269	255	260	366	327	342	214	194	199
7	428	396	409	343	256	284	416	322	373	197	178	188
8	398	391	396	291	272	277	357	306	326	190	178	182
9	447	376	401	277	272	274	366	309	317	197	189	193
10	433	343	381	279	274	276	369	314	337	271	196	224
11	413	260	318	277	273	275	364	294	341	272	253	263
12	276	248	258	278	268	273	353	311	332	264	152	221
13	330	275	311	277	266	272	333	297	311	279	164	233
14	356	313	338	266	242	253	316	300	309	330	279	303
15	369	305	333	325	242	275	305	294	300	315	266	288
16	342	264	290	279	264	272	388	288	330	314	250	277
17	343	251	285	275	265	270	384	327	363	274	208	239
18	279	252	257	294	274	280	395	317	354	245	223	234
19	276	252	261	404	277	321	400	382	389	228	207	220
20	273	257	263	291	273	285	399	366	381	286	219	256
21	275	256	264	282	273	279	397	347	370	306	222	247
22	305	255	278	322	279	286	409	375	401	252	205	220
23	328	260	283	409	287	337	408	399	403	223	198	204
24	331	312	320	428	343	390	413	402	408	254	223	235
25	367	263	303	428	412	421	414	220	388	263	236	249
26	365	279	312	412	384	399	385	250	353	245	208	228
27	286	267	278	391	382	387	354	295	330	215	198	206
28	281	265	271	393	386	389	311	296	304	206	199	203
29	278	260	273	402	350	388	311	271	286	207	200	203
30	---	---	---	382	308	329	280	199	233	281	200	240
31	---	---	---	310	296	303	---	---	---	319	280	308
MONTH	482	248	328	428	242	305	416	199	338	330	121	225
	JUNE			JULY			AUGUST			SEPTEMBER		
1	361	303	315	271	230	242	378	231	296	422	410	416
2	394	284	345	250	221	234	367	217	259	420	374	394
3	372	313	354	227	211	218	284	222	247	385	354	371
4	363	335	353	262	208	225	251	185	210	366	353	359
5	335	274	293	247	210	216	219	183	196	407	357	381
6	275	227	257	280	216	236	224	183	196	388	317	361
7	227	206	210	295	227	255	266	197	220	317	240	278
8	216	211	213	331	295	313	415	190	320	396	227	285
9	235	211	216	353	299	324	434	372	401	372	252	319
10	293	235	268	358	336	349	470	382	412	393	345	367
11	315	293	305	336	267	304	459	381	415	409	373	391
12	328	315	323	319	251	290	481	400	427	423	399	410
13	329	328	328	---	---	---	486	408	444	430	406	419
14	334	327	331	---	---	---	554	363	427	435	413	424
15	341	334	337	205	183	191	490	351	418	427	413	419
16	341	320	334	232	201	218	461	344	385	416	333	375
17	320	296	305	231	194	210	438	314	356	417	351	382
18	296	281	289	294	185	238	399	295	334	709	411	474
19	281	200	244	255	201	222	390	328	354	828	504	610
20	203	199	201	210	191	199	401	325	370	675	472	544
21	231	189	208	236	192	207	359	297	324	494	438	463
22	252	209	227	297	201	217	357	303	320	439	405	419
23	224	192	208	383	202	269	404	305	353	408	388	394
24	232	205	218	280	202	228	402	350	378	1,390	391	683
25	251	217	238	305	203	230	398	368	384	1,210	834	1,110
26	273	204	241	315	203	232	403	373	388	1,140	724	953
27	227	210	217	264	164	206	408	383	397	891	648	759
28	278	227	246	214	156	175	419	353	404	971	822	902
29	249	226	235	260	176	209	422	395	412	846	781	795
30	294	235	267	305	201	240	426	408	418	787	501	589
31	---	---	---	375	188	253	423	408	414	---	---	---
MONTH	---	---	---	---	---	240	554	183	351	1,390	227	502

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2
2	---	---	---	0.2	0.2	0.2	0.5	0.4	0.4	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
19	0.2	0.2	0.2	0.6	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2
20	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2
21	0.2	0.2	0.2	0.6	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.2
22	0.3	0.2	0.2	0.9	0.4	0.6	0.3	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	1.5	0.4	0.7	0.3	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	1.6	0.8	1.4	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.8	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
MONTH	---	---	---	1.6	0.2	0.3	0.5	0.2	0.3	0.2	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
4	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
6	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
7	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
8	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
9	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
10	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
11	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
13	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
14	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
15	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1
16	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1
17	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
19	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
22	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
23	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
25	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
26	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
27	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
28	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
30	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
31	---	---	---	0.2	0.1	0.2	---	---	---	0.2	0.1	0.2
MONTH	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
2	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
4	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
8	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1
9	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
10	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.2
19	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.2	0.3
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
22	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
23	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.7	0.2	0.3
25	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.6	0.4	0.5
26	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.6	0.4	0.5
27	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.4
28	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.5	0.4	0.4
29	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.4	0.4
30	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.2	0.3
31	---	---	---	0.2	0.1	0.1	0.2	0.2	0.2	---	---	---
MONTH	---	---	---	---	---	---	0.3	0.1	0.2	0.7	0.1	0.2

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	23.2	22.3	22.7	15.0	13.7	14.3	16.0	14.0	14.9
2	---	---	---	23.7	22.5	23.0	15.7	14.4	15.0	17.5	15.6	16.7
3	24.6	22.3	23.5	24.3	22.6	23.3	16.4	15.0	15.5	19.3	17.3	18.1
4	24.8	22.9	23.7	23.8	23.0	23.4	16.6	15.7	16.1	19.5	17.2	18.3
5	25.6	23.9	24.6	24.9	23.4	24.1	16.8	15.6	16.1	19.0	17.6	18.5
6	25.4	24.7	25.0	25.2	24.0	24.6	15.6	12.2	14.1	17.6	14.7	15.9
7	25.7	24.8	25.1	24.9	23.9	24.6	12.6	11.6	12.1	14.7	11.4	13.1
8	25.7	24.6	25.0	24.2	23.1	23.6	14.1	12.0	12.8	11.7	10.6	11.2
9	25.6	24.9	25.2	23.7	22.6	23.2	15.6	13.4	14.5	11.7	10.9	11.2
10	25.4	25.0	25.2	23.5	22.8	23.0	15.7	14.1	15.0	12.0	10.4	11.3
11	25.1	24.4	24.9	23.7	22.4	23.0	14.1	12.8	13.3	10.8	9.0	10.0
12	25.5	24.2	24.7	24.6	23.1	23.8	14.2	12.5	13.2	11.8	10.4	11.1
13	25.6	24.4	25.0	24.3	22.1	23.4	13.9	13.4	13.6	13.3	11.7	12.5
14	26.9	25.3	25.9	22.1	20.2	21.0	13.5	12.8	13.2	14.6	13.0	13.7
15	25.8	24.1	24.8	21.4	19.5	20.4	13.3	12.1	12.6	14.4	13.8	14.0
16	24.6	22.8	23.7	21.6	20.3	20.8	13.9	12.6	13.2	15.1	13.5	14.1
17	25.0	22.8	23.7	22.1	21.0	21.6	13.3	10.7	11.9	15.4	13.9	14.5
18	23.9	22.5	23.3	22.0	21.2	21.9	11.0	10.0	10.6	16.4	14.8	15.4
19	23.8	22.2	23.1	21.2	18.6	20.0	11.4	10.5	10.9	15.9	14.6	15.3
20	23.6	22.0	22.8	18.6	17.3	17.8	11.9	10.6	11.1	14.6	12.4	13.6
21	24.4	22.4	23.1	18.6	16.9	17.6	12.2	10.2	11.2	12.8	11.4	12.2
22	24.4	22.9	23.5	19.8	17.9	18.6	13.9	11.3	12.5	13.2	11.7	12.5
23	25.0	23.5	24.1	21.0	19.1	19.9	14.1	13.1	13.5	14.3	12.4	13.3
24	25.4	24.1	24.6	20.7	16.8	19.1	13.7	13.0	13.2	15.5	13.9	14.5
25	25.2	24.3	24.8	16.8	14.4	15.2	13.1	11.7	12.4	16.3	14.7	15.4
26	24.8	24.2	24.6	16.4	14.8	15.6	13.5	11.8	12.5	15.2	14.4	14.7
27	24.2	21.9	23.1	17.9	16.4	17.3	13.5	12.2	12.9	14.4	12.3	13.5
28	22.7	20.9	21.6	17.9	16.0	17.0	14.9	13.3	14.0	12.3	10.4	11.5
29	22.6	20.3	21.2	16.1	14.4	15.5	15.2	14.4	14.9	11.0	10.4	10.7
30	22.5	21.0	21.7	14.4	12.9	13.7	14.7	13.7	14.1	11.6	10.7	11.2
31	22.9	21.7	22.3	---	---	---	14.8	13.2	14.0	11.9	11.2	11.6
MONTH	---	---	---	25.2	12.9	20.6	16.8	10.0	13.4	19.5	9.0	13.7
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	11.1	11.5	18.5	16.0	17.2	22.3	20.3	21.1	22.9	20.4	21.6
2	12.9	11.5	12.0	20.3	18.1	18.9	23.6	20.7	21.8	22.5	21.8	22.2
3	13.2	11.4	12.2	21.2	19.9	20.5	23.9	22.0	23.0	22.5	20.6	21.5
4	13.0	11.5	12.1	21.4	20.0	20.8	24.8	23.4	24.0	24.0	20.8	22.0
5	17.1	12.8	15.0	21.8	20.5	21.2	24.7	22.0	23.3	24.4	22.3	23.1
6	17.2	15.4	16.0	23.4	21.4	22.2	23.5	21.8	22.7	25.5	23.5	24.3
7	15.5	13.3	14.6	23.4	22.5	23.0	23.3	21.2	22.2	26.3	24.2	25.1
8	13.3	11.2	12.6	22.5	20.7	21.6	25.1	22.2	23.4	27.4	25.3	26.2
9	13.5	10.6	11.9	20.7	18.7	19.7	25.9	23.5	24.5	28.0	26.3	27.0
10	13.9	12.8	13.2	19.0	17.5	18.3	26.3	24.2	25.3	27.6	26.4	27.0
11	14.0	13.4	13.7	18.3	16.8	17.5	25.6	23.1	24.2	27.1	26.2	26.5
12	15.0	14.0	14.6	19.5	16.9	18.2	23.3	21.2	22.4	26.2	23.3	24.9
13	14.0	12.2	13.2	20.2	18.2	19.1	21.2	18.0	19.7	25.9	23.5	24.8
14	12.3	11.7	12.1	20.1	19.1	19.5	19.4	17.1	18.1	27.1	25.6	26.2
15	11.7	10.6	11.0	20.4	19.1	19.6	21.6	18.4	19.7	26.6	25.1	25.7
16	12.6	10.4	11.3	21.9	19.7	20.6	22.4	20.1	21.1	25.6	24.6	25.0
17	13.4	12.5	12.9	23.1	20.3	21.4	23.2	20.5	21.8	25.9	24.9	25.2
18	14.5	12.9	13.5	23.1	21.0	22.0	24.2	21.5	22.7	26.0	25.3	25.6
19	16.0	13.7	14.8	23.5	21.2	22.2	24.9	22.1	23.4	25.6	24.7	25.0
20	17.2	15.3	15.9	24.7	22.4	23.4	25.0	23.7	24.3	26.9	25.6	26.1
21	18.1	16.9	17.3	25.3	23.1	24.2	25.7	23.7	24.5	27.9	26.7	27.1
22	17.2	16.4	16.9	23.1	20.3	21.6	26.3	24.4	25.3	29.3	27.6	28.3
23	18.0	16.1	17.0	21.4	19.2	20.2	26.8	25.3	25.9	29.7	27.9	28.8
24	16.1	15.4	15.8	20.6	19.5	20.1	26.9	25.7	26.3	29.5	27.8	28.5
25	16.0	14.0	15.3	21.3	19.9	20.6	26.5	23.4	25.8	29.8	28.2	29.0
26	15.7	13.7	14.8	21.9	20.1	20.9	25.0	23.7	24.6	30.1	28.8	29.4
27	14.0	12.9	13.5	22.6	20.7	21.6	24.8	23.8	24.3	29.5	28.4	29.0
28	15.0	13.4	14.1	23.6	21.4	22.4	25.7	23.8	24.6	30.3	28.2	29.1
29	16.8	13.9	15.1	23.7	22.3	22.9	24.8	23.6	24.2	30.7	28.6	29.5
30	---	---	---	24.1	22.5	23.2	24.5	21.2	22.1	30.5	29.0	29.6
31	---	---	---	23.6	21.5	22.7	---	---	---	30.5	29.3	29.8
MONTH	18.1	10.4	13.9	25.3	16.0	20.9	26.9	17.1	23.2	30.7	20.4	26.2

07381350 COMPANY CANAL AT HWY. 1 AT LOCKPORT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.9	29.6	30.1	29.8	28.6	29.1	31.8	30.2	30.9	31.0	28.9	29.9
2	30.5	28.7	29.6	29.7	29.1	29.4	31.4	30.3	30.9	30.8	29.4	30.0
3	29.4	27.4	28.6	30.2	29.0	29.5	31.8	29.4	30.4	30.3	29.2	29.7
4	29.9	28.2	28.8	31.3	29.3	30.2	32.7	30.8	31.5	30.2	29.0	29.6
5	29.7	28.0	28.8	32.6	30.3	31.3	32.9	31.4	32.1	30.8	29.1	29.8
6	30.1	28.4	29.1	31.7	30.9	31.3	32.1	30.8	31.5	31.5	29.4	30.4
7	30.3	28.5	29.2	30.9	29.7	30.2	31.8	29.9	30.8	31.5	30.1	30.7
8	30.6	29.1	29.9	30.4	29.1	29.6	31.2	29.8	30.7	31.3	29.1	30.1
9	30.9	29.2	30.0	29.4	28.1	28.8	31.1	29.7	30.4	31.0	29.4	30.1
10	31.9	29.8	30.6	29.4	28.7	29.0	31.8	30.1	30.9	31.0	29.0	29.9
11	32.4	30.3	31.2	29.6	28.8	29.1	31.9	30.7	31.3	30.8	29.2	30.0
12	32.2	30.9	31.4	30.8	29.0	29.7	31.5	30.2	30.9	30.3	29.3	29.8
13	31.6	30.7	31.1	---	---	---	30.2	28.4	29.2	30.2	29.0	29.6
14	30.7	29.1	29.6	---	---	---	28.7	27.5	28.1	30.1	29.1	29.6
15	30.0	28.5	29.1	32.3	30.4	31.1	28.6	26.7	27.6	29.4	28.1	29.1
16	30.5	28.9	29.5	31.3	30.6	30.9	29.0	26.6	27.8	28.2	26.1	27.1
17	31.6	29.7	30.4	31.4	30.3	30.8	29.2	27.0	28.1	30.2	27.1	28.6
18	32.5	30.4	31.1	30.8	29.1	29.8	30.0	27.6	28.7	30.4	29.2	29.8
19	32.1	31.2	31.5	30.8	28.9	29.7	30.8	28.8	29.7	30.3	28.8	29.6
20	31.2	30.2	30.7	31.6	30.2	30.7	31.2	29.7	30.4	29.4	28.2	28.8
21	30.7	29.0	29.9	31.5	29.8	30.5	31.4	29.5	30.3	28.7	27.6	28.0
22	29.4	28.7	29.0	33.1	30.2	31.2	31.9	30.0	30.7	27.7	26.9	27.2
23	30.5	28.4	29.2	32.6	31.3	31.9	31.8	30.2	30.9	27.6	26.6	27.1
24	30.4	28.5	29.3	31.6	30.6	31.1	32.1	30.6	31.3	28.0	27.0	27.5
25	29.3	27.6	28.4	32.1	31.0	31.3	31.8	30.9	31.4	28.7	27.2	27.8
26	28.3	27.3	27.7	31.2	29.6	30.5	32.3	30.8	31.4	28.1	26.9	27.5
27	29.5	27.8	28.4	30.7	29.5	29.9	31.9	31.0	31.5	28.0	26.4	27.1
28	29.2	28.8	29.0	31.2	29.8	30.4	31.6	30.4	31.0	27.9	26.1	27.0
29	29.4	28.5	28.9	31.7	30.1	30.7	31.4	30.0	30.4	27.8	25.9	26.8
30	28.9	28.1	28.5	31.4	30.1	30.6	30.0	29.0	29.5	27.9	26.6	27.2
31	---	---	---	31.7	30.6	31.0	30.6	28.3	29.3	---	---	---
MONTH	---	---	---	---	---	---	32.9	26.6	30.3	31.5	25.9	28.8

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA

LOCATION.--Lat 29° 37'38", long 90° 33'27", T. 16 S., R. 19 E., Lafourche Parish, Hydrologic Unit 08090302, on Company Canal, 1.6 miles downstream from the bridge at Hwy. 1 in Lockport.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 2003 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.34 ft, July 1, 2003; minimum gage height, 0.86 ft, Apr. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.71 ft, Oct. 10, 11; minimum gage height, 0.86 ft, Apr. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.03	1.82	1.92	2.16	1.91	2.05	1.45	1.33	1.41	1.75	1.66	1.70
2	2.02	1.79	1.91	2.22	2.00	2.12	1.39	1.28	1.34	1.78	1.66	1.72
3	2.03	1.75	1.90	2.11	1.96	2.04	1.62	1.31	1.47	1.78	1.63	1.71
4	2.12	1.87	2.00	2.04	1.93	1.99	1.73	1.59	1.66	1.85	1.70	1.77
5	2.14	1.96	2.05	2.03	1.93	1.97	1.75	1.42	1.61	1.95	1.63	1.82
6	2.11	1.94	2.02	2.09	1.91	2.01	1.44	1.08	1.25	1.64	1.12	1.37
7	2.21	1.93	2.05	1.94	1.64	1.79	1.20	1.07	1.13	1.18	0.98	1.09
8	2.20	2.13	2.15	1.83	1.60	1.72	1.39	1.15	1.32	1.31	1.03	1.23
9	2.28	2.10	2.16	1.84	1.58	1.72	1.73	1.39	1.59	1.57	1.30	1.46
10	2.71	2.27	2.53	1.85	1.63	1.76	1.90	1.54	1.74	1.36	0.98	1.18
11	2.71	2.48	2.63	2.03	1.80	1.91	1.55	1.35	1.46	1.18	0.98	1.10
12	2.48	2.25	2.37	2.08	1.84	1.96	1.64	1.35	1.55	1.25	1.08	1.18
13	2.38	2.26	2.32	2.05	1.70	1.91	2.03	1.55	1.86	1.29	1.15	1.22
14	2.40	2.16	2.30	1.79	1.62	1.72	1.90	1.58	1.76	1.39	1.22	1.33
15	2.17	1.91	2.07	1.97	1.64	1.85	1.78	1.57	1.70	1.46	1.36	1.41
16	2.14	1.92	2.04	2.08	1.81	1.98	1.95	1.70	1.84	1.59	1.36	1.44
17	2.11	1.90	2.00	2.20	1.94	2.09	1.75	1.14	1.41	2.10	1.59	1.83
18	1.90	1.64	1.83	2.54	2.10	2.31	1.17	1.04	1.10	2.16	1.93	2.07
19	1.93	1.62	1.79	2.45	1.87	2.18	1.14	0.90	1.03	1.97	1.59	1.78
20	2.05	1.78	1.92	1.88	1.59	1.69	1.04	0.87	0.95	1.61	1.35	1.48
21	1.99	1.83	1.91	1.85	1.67	1.75	1.21	1.04	1.14	1.51	1.31	1.41
22	1.88	1.60	1.75	1.81	1.60	1.71	1.41	1.20	1.35	1.44	1.26	1.36
23	1.74	1.55	1.61	2.12	1.75	1.91	1.73	1.41	1.60	1.40	1.25	1.32
24	1.86	1.73	1.78	2.10	1.53	1.85	1.51	1.20	1.38	1.47	1.27	1.39
25	2.02	1.86	1.95	1.64	1.45	1.55	1.45	1.20	1.34	1.77	1.41	1.65
26	2.15	1.87	2.03	1.88	1.51	1.75	1.51	1.29	1.41	1.90	1.75	1.85
27	1.91	1.54	1.75	2.33	1.77	2.10	1.53	1.33	1.45	1.88	1.36	1.63
28	1.83	1.58	1.71	2.35	1.84	2.15	1.66	1.42	1.57	1.36	1.08	1.19
29	1.95	1.65	1.83	1.85	1.46	1.65	2.18	1.58	1.92	1.17	1.03	1.09
30	2.19	1.79	2.02	1.58	1.43	1.51	2.01	1.70	1.82	1.46	1.17	1.33
31	2.15	1.93	2.06	---	---	---	1.75	1.66	1.70	1.57	1.37	1.45
MONTH	2.71	1.54	2.01	2.54	1.43	1.89	2.18	0.87	1.48	2.16	0.98	1.47

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1.75	1.57	1.62	1.93	1.71	1.80	1.58	1.38	1.48	---	---	---
2	1.83	1.68	1.75	2.00	1.88	1.93	1.55	1.40	1.48	---	---	---
3	1.83	1.54	1.70	1.98	1.88	1.93	1.52	1.36	1.45	---	---	---
4	1.83	1.55	1.61	2.16	1.92	2.02	1.43	1.31	1.38	---	---	---
5	2.24	1.82	2.08	2.33	2.16	2.25	1.48	1.30	1.38	---	---	---
6	2.35	2.02	2.22	2.41	2.18	2.31	1.84	1.42	1.56	---	---	---
7	2.02	1.50	1.79	2.19	1.85	2.04	1.95	1.79	1.89	---	---	---
8	1.50	1.21	1.34	1.85	1.43	1.65	1.92	1.72	1.78	---	---	---
9	1.31	1.19	1.25	1.43	1.13	1.27	1.76	1.55	1.65	---	---	---
10	1.56	1.25	1.42	1.17	0.99	1.07	1.79	1.58	1.66	---	---	---
11	2.13	1.56	1.85	1.18	1.02	1.08	2.09	1.78	1.94	---	---	---
12	2.15	1.87	2.03	1.25	1.05	1.13	2.15	1.86	2.00	---	---	---
13	1.88	1.54	1.67	1.40	1.18	1.26	1.88	1.33	1.61	---	---	---
14	1.70	1.48	1.58	1.51	1.30	1.39	1.33	0.94	1.11	---	---	---
15	1.69	1.34	1.50	1.58	1.42	1.50	0.97	0.86	0.92	---	---	---
16	1.34	1.09	1.20	1.70	1.50	1.59	1.08	0.92	1.02	---	---	---
17	1.24	1.09	1.18	1.66	1.55	1.60	1.24	1.06	1.19	---	---	---
18	1.23	1.03	1.14	1.79	1.65	1.72	1.46	1.20	1.33	---	---	---
19	1.20	1.04	1.13	1.80	1.65	1.73	1.59	1.36	1.47	---	---	---
20	1.42	1.15	1.32	1.75	1.63	1.69	1.69	1.45	1.55	---	---	---
21	1.52	1.35	1.44	1.64	1.43	1.56	1.90	1.60	1.72	2.65	2.51	2.57
22	1.64	1.39	1.55	1.43	1.24	1.31	2.17	1.89	2.01	2.51	2.40	2.45
23	2.08	1.57	1.81	1.62	1.25	1.39	2.19	2.03	2.11	2.54	2.40	2.46
24	2.24	2.07	2.17	1.85	1.57	1.68	2.24	2.00	2.11	2.55	2.49	2.52
25	2.25	2.16	2.21	2.14	1.85	1.97	2.50	2.04	2.21	2.55	2.45	2.49
26	2.18	1.81	2.00	2.14	1.96	2.06	2.55	2.19	2.38	2.45	2.32	2.37
27	1.81	1.53	1.62	2.11	1.93	2.01	2.19	1.83	1.96	2.34	2.23	2.28
28	1.55	1.40	1.46	2.12	1.99	2.06	1.86	1.63	1.74	2.23	2.14	2.18
29	1.76	1.50	1.62	2.12	1.98	2.08	2.04	1.86	1.96	2.19	2.10	2.14
30	---	---	---	2.11	1.84	1.95	---	---	---	2.51	2.19	2.36
31	---	---	---	1.89	1.57	1.75	---	---	---	2.61	2.50	2.57
MONTH	2.35	1.03	1.63	2.41	0.99	1.70	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.56	2.47	2.51	2.33	2.15	2.23	2.11	1.89	1.98	1.60	1.42	1.50
2	2.59	2.42	2.53	2.32	2.19	2.26	2.11	1.87	1.95	1.52	1.46	1.49
3	2.57	2.47	2.53	2.30	2.15	2.22	1.99	1.77	1.84	1.70	1.49	1.62
4	2.50	2.34	2.41	2.26	2.13	2.18	1.80	1.59	1.66	1.89	1.62	1.77
5	2.39	2.18	2.25	2.21	2.09	2.15	1.67	1.39	1.54	1.89	1.65	1.78
6	2.23	2.07	2.13	2.19	2.09	2.14	1.46	1.21	1.37	1.74	1.43	1.62
7	2.19	2.06	2.12	2.13	1.96	2.04	1.30	1.18	1.24	1.43	1.19	1.37
8	2.22	2.09	2.15	2.03	1.95	1.98	1.68	1.26	1.50	1.25	1.09	1.17
9	2.22	2.11	2.16	2.10	1.96	2.03	1.80	1.52	1.69	1.54	1.09	1.30
10	2.18	2.12	2.15	2.15	1.97	2.05	1.85	1.65	1.75	1.50	1.35	1.42
11	2.14	2.04	2.11	2.13	2.05	2.09	1.87	1.61	1.74	1.65	1.30	1.46
12	2.14	2.01	2.05	2.05	1.91	1.99	1.83	1.67	1.77	1.90	1.54	1.70
13	2.20	1.99	2.08	1.91	1.82	1.86	1.67	1.32	1.46	2.03	1.84	1.92
14	2.44	2.16	2.29	1.85	1.74	1.79	1.36	1.15	1.25	2.22	2.00	2.09
15	2.43	2.32	2.38	1.90	1.72	1.80	1.42	1.18	1.29	2.25	2.15	2.22
16	2.48	2.30	2.39	1.87	1.75	1.82	1.49	1.25	1.36	2.15	1.96	2.03
17	2.45	2.35	2.39	1.86	1.70	1.75	1.52	1.33	1.41	2.14	2.06	2.11
18	2.38	2.24	2.28	1.90	1.67	1.83	1.62	1.42	1.50	2.21	1.93	2.12
19	2.26	2.11	2.16	1.89	1.76	1.81	1.76	1.56	1.64	2.13	1.91	2.02
20	2.13	1.97	2.04	1.83	1.65	1.73	1.85	1.72	1.78	2.20	1.90	2.08
21	2.08	1.93	2.02	1.83	1.71	1.77	1.76	1.56	1.69	2.29	2.08	2.19
22	2.13	1.97	2.04	1.83	1.66	1.73	1.69	1.48	1.59	2.39	2.19	2.29
23	2.20	2.03	2.09	1.71	1.58	1.65	1.74	1.46	1.60	2.56	2.30	2.43
24	2.33	2.05	2.16	---	---	---	1.77	1.49	1.64	2.63	2.54	2.58
25	2.53	2.24	2.37	---	---	---	1.82	1.55	1.68	2.58	2.34	2.45
26	2.57	2.23	2.37	---	---	---	1.78	1.54	1.66	2.34	2.07	2.18
27	2.27	2.17	2.21	1.75	1.59	1.69	1.80	1.50	1.65	2.07	1.88	1.95
28	2.27	2.09	2.16	1.70	1.50	1.60	1.81	1.53	1.67	1.93	1.55	1.71
29	2.27	2.17	2.22	1.86	1.51	1.66	1.82	1.55	1.67	1.55	1.35	1.43
30	2.28	2.14	2.21	1.88	1.63	1.76	1.76	1.54	1.65	1.64	1.47	1.56
31	---	---	---	2.03	1.70	1.84	1.74	1.49	1.57	---	---	---
MONTH	2.59	1.93	2.23	---	---	---	2.11	1.15	1.61	2.63	1.09	1.85

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2003 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2003 to current year.

SALINITY: June 2003 to current year.

WATER TEMPERATURE: June 2003 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except Oct. 2-7, 13-24, Dec. 22-Jan. 2, Mar. 8-Apr. 1, 19-May 16, 29-June 15, July 5-17, and Aug. 14-Sept. 23 when records good, Oct. 25-Nov. 1, Jan. 3-12, Apr. 2-6, May 17-20, June 16-28, July 18-27, and Sept 24-30 when records fair, Nov. 2-27, and Jan. 13-Feb. 8 when records are poor.

SALINITY: Records excellent except Oct. 2-7, 13-24, Dec. 22-Jan. 2, Mar. 8-Apr. 1, 19-May 16, 29-June 15, July 5-17, and Aug. 14-Sept. 23 when records good, Oct. 25-Nov. 1, Jan. 3-12, Apr. 2-6, May 17-20, June 16-28, July 18-27, and Sept 24-30 when records fair, Nov. 2-27, and Jan. 13-Feb. 8 when records are poor.

WATER TEMPERATURE: Records excellent except Oct. 1-7, Dec. 4-15, and May 27-June 9 when record good, June 10-28 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 6,030 microsiemens/cm, Nov. 22, 2003; minimum, 156 microsiemens/cm, July 19, 28, 2004.

SALINITY: Maximum, 3.3 ppt, Nov. 22, 2003; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum, 33.4° C, Aug. 5, 2004; minimum, 8.5° C, Jan. 28, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 6,030 microsiemens/cm, Nov. 22; minimum, 156 microsiemens/cm, July 19, 28.

SALINITY: Maximum, 3.3 ppt, Nov. 22; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 33.4° C, Aug. 5; minimum, 8.5° C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	382	348	360	467	415	439	---	---	---	565	513	537
2	391	345	359	462	423	442	---	---	---	650	565	601
3	473	347	391	434	419	423	---	---	---	630	581	606
4	699	364	509	422	415	418	---	---	---	631	512	586
5	633	477	544	492	412	424	---	---	---	512	444	470
6	567	437	498	549	440	507	---	---	---	471	461	466
7	1,050	426	566	467	401	429	---	---	---	473	457	464
8	1,040	529	797	420	379	403	---	---	---	472	457	464
9	1,020	459	753	433	361	391	---	---	---	470	447	461
10	1,160	960	1,030	438	356	388	---	---	---	449	435	443
11	989	454	681	515	360	458	---	---	---	454	438	447
12	659	437	536	491	422	452	---	---	---	454	432	441
13	531	423	480	455	378	427	---	---	---	434	397	414
14	515	381	446	379	357	368	---	---	---	410	395	402
15	407	379	389	694	355	515	---	---	---	404	387	394
16	461	382	411	1,080	438	786	571	344	423	395	370	385
17	436	392	410	910	510	768	604	568	589	378	365	371
18	404	370	393	1,960	517	1,250	618	589	596	381	367	376
19	696	363	474	1,810	471	852	591	548	567	368	353	361
20	692	434	576	471	425	449	567	405	544	374	359	364
21	619	509	547	4,770	457	1,980	465	377	411	374	368	371
22	576	404	473	6,030	884	2,500	505	337	391	382	370	377
23	462	394	413	3,900	1,630	2,940	417	348	369	386	381	383
24	458	380	414	2,770	433	1,510	519	396	447	384	350	363
25	380	349	362	640	410	488	526	427	475	353	333	341
26	413	356	386	967	511	787	502	367	434	352	333	341
27	387	351	370	779	509	681	481	384	431	357	344	350
28	383	346	365	---	---	---	512	423	465	366	357	362
29	455	360	419	---	---	---	511	431	456	368	357	365
30	458	400	417	---	---	---	501	438	468	361	341	352
31	450	397	422	---	---	---	537	501	523	352	341	347
MONTH	1,160	345	490	---	---	---	---	---	---	650	333	420

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	350	343	347	278	253	264	309	298	304	---	---	---
2	355	345	351	276	261	270	353	302	333	---	---	---
3	354	345	349	281	264	268	354	329	339	---	---	---
4	353	341	347	285	249	266	345	333	339	---	---	---
5	345	334	340	293	241	254	346	327	340	---	---	---
6	345	335	340	262	217	234	342	306	325	---	---	---
7	340	336	338	266	261	264	324	302	311	---	---	---
8	338	332	335	269	265	266	392	307	323	---	---	---
9	---	---	---	271	265	267	558	320	385	---	---	---
10	---	---	---	283	267	271	655	359	546	---	---	---
11	---	---	---	290	241	271	613	305	424	---	---	---
12	---	---	---	272	230	251	601	297	413	---	---	---
13	---	---	---	253	219	241	558	304	413	---	---	---
14	---	---	---	262	220	241	545	342	389	---	---	---
15	---	---	---	272	217	249	594	543	571	---	---	---
16	---	---	---	318	240	266	543	444	484	---	---	---
17	---	---	---	294	252	268	446	373	405	---	---	---
18	---	---	---	289	236	270	441	356	397	---	---	---
19	---	---	---	274	240	254	451	375	419	---	---	---
20	---	---	---	275	247	256	458	393	428	---	---	---
21	---	---	---	300	257	272	442	400	427	407	277	309
22	---	---	---	307	290	298	439	379	399	488	407	458
23	---	---	---	319	297	309	432	392	413	506	460	479
24	---	---	---	346	297	325	440	410	428	566	506	538
25	---	---	---	328	288	306	489	432	462	577	528	554
26	261	254	256	324	302	309	496	478	488	571	504	545
27	273	255	263	315	303	309	485	451	463	506	476	491
28	281	261	269	318	307	313	481	467	477	476	317	434
29	291	262	275	332	312	321	488	471	476	375	326	356
30	---	---	---	320	309	316	---	---	---	366	257	312
31	---	---	---	318	303	311	---	---	---	390	282	325
MONTH	---	---	---	346	217	277	---	---	---	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	471	385	424	221	204	209	265	204	228	326	243	292
2	553	289	431	227	193	204	257	188	218	327	252	306
3	513	202	283	238	187	198	223	177	188	331	280	297
4	207	201	204	251	186	198	215	168	179	373	279	327
5	218	201	207	296	188	217	196	178	188	324	290	308
6	231	208	218	327	184	221	192	167	178	292	237	269
7	243	216	230	232	178	192	217	171	185	245	220	232
8	271	228	247	237	189	211	336	180	268	301	221	246
9	366	262	307	271	191	222	328	232	286	411	240	316
10	520	350	454	266	186	225	322	263	298	420	317	368
11	560	249	512	244	170	185	333	254	295	415	263	334
12	249	204	217	267	171	215	335	267	305	423	317	379
13	228	204	215	282	205	247	267	194	210	408	350	381
14	250	197	210	258	203	218	254	183	200	376	346	363
15	317	198	241	252	194	230	365	200	247	391	343	377
16	461	317	362	261	219	236	345	253	318	396	326	351
17	518	249	358	251	187	212	333	286	314	638	385	463
18	394	225	274	220	158	176	368	314	337	4,270	638	2,490
19	327	199	256	230	156	171	370	315	345	2,790	619	1,700
20	276	192	202	261	196	221	340	318	334	3,720	730	2,170
21	255	185	219	306	196	241	329	301	317	2,760	552	1,940
22	368	221	286	238	188	199	336	297	310	2,840	1,040	2,120
23	451	242	347	208	187	197	390	277	331	3,180	1,310	2,150
24	404	246	348	---	---	---	405	306	356	3,590	3,060	3,340
25	456	277	389	---	---	---	410	338	372	3,430	1,240	1,960
26	297	164	220	---	---	---	430	322	369	1,240	857	925
27	186	165	175	239	161	193	426	311	362	1,090	960	1,040
28	232	179	211	288	156	194	394	288	335	1,090	979	1,030
29	211	197	202	282	166	229	359	263	297	979	887	957
30	217	197	203	277	176	216	311	262	281	1,590	947	1,420
31	---	---	---	284	178	219	310	246	279	---	---	---
MONTH	---	---	---	---	---	---	430	167	282	4,270	220	962

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.3	0.3	0.3
2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.3	0.3	0.3
3	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.3	0.3	0.3
4	0.3	0.2	0.3	0.2	0.2	0.2	---	---	---	0.3	0.3	0.3
5	0.3	0.2	0.3	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2
6	0.3	0.2	0.2	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
7	0.5	0.2	0.3	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
8	0.5	0.3	0.4	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
9	0.5	0.2	0.4	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
10	0.6	0.5	0.5	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
11	0.5	0.2	0.3	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
12	0.3	0.2	0.3	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
13	0.3	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
14	0.3	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
15	0.2	0.2	0.2	0.3	0.2	0.3	---	---	---	0.2	0.2	0.2
16	0.2	0.2	0.2	0.5	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2
18	0.2	0.2	0.2	1.0	0.3	0.6	0.3	0.3	0.3	0.2	0.2	0.2
19	0.3	0.2	0.2	0.9	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2
20	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
21	0.3	0.3	0.3	2.5	0.2	1.0	0.2	0.2	0.2	0.2	0.2	0.2
22	0.3	0.2	0.2	3.3	0.4	1.3	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	2.1	0.8	1.5	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	1.4	0.2	0.8	0.3	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.5	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	0.2	0.2	---	---	---	0.3	0.2	0.3	0.2	0.2	0.2
MONTH	0.6	0.2	0.2	---	---	---	---	---	---	0.3	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
4	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
5	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
6	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
7	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
8	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
9	---	---	---	0.1	0.1	0.1	0.3	0.2	0.2	---	---	---
10	---	---	---	0.1	0.1	0.1	0.3	0.2	0.3	---	---	---
11	---	---	---	0.1	0.1	0.1	0.3	0.2	0.2	---	---	---
12	---	---	---	0.1	0.1	0.1	0.3	0.2	0.2	---	---	---
13	---	---	---	0.1	0.1	0.1	0.3	0.2	0.2	---	---	---
14	---	---	---	0.1	0.1	0.1	0.3	0.2	0.2	---	---	---
15	---	---	---	0.1	0.1	0.1	0.3	0.3	0.3	---	---	---
16	---	---	---	0.2	0.1	0.1	0.3	0.2	0.2	---	---	---
17	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
18	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
19	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
20	---	---	---	0.1	0.1	0.1	0.2	0.2	0.2	---	---	---
21	---	---	---	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
22	---	---	---	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
25	---	---	---	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
26	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
27	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	---	---	---	0.2	0.2	0.2	---	---	---	0.2	0.1	0.2
31	---	---	---	0.2	0.2	0.2	---	---	---	0.2	0.1	0.2
MONTH	---	---	---	0.2	0.1	0.1	---	---	---	---	---	---

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
2	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
6	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1
9	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
10	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
11	0.3	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
12	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
15	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
16	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
17	0.3	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.2
18	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	2.3	0.3	1.3
19	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.4	0.3	0.9
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	2.0	0.4	1.1
21	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	1.4	0.3	1.0
22	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	1.5	0.5	1.1
23	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	1.7	0.7	1.1
24	0.2	0.1	0.2	---	---	---	0.2	0.2	0.2	1.9	1.6	1.7
25	0.2	0.1	0.2	---	---	---	0.2	0.2	0.2	1.8	0.6	1.0
26	0.2	0.1	0.1	---	---	---	0.2	0.2	0.2	0.6	0.4	0.5
27	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.5	0.5	0.5
28	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.5	0.5	0.5
29	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.5	0.4	0.5
30	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.8	0.5	0.7
31	---	---	---	0.1	0.1	0.1	0.2	0.1	0.1	---	---	---
MONTH	0.3	0.1	0.1	---	---	---	0.2	0.1	0.2	2.3	0.1	0.5

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.0	22.1	23.0	24.5	22.9	23.6	15.5	13.9	14.6	16.4	14.2	15.0
2	23.7	22.2	22.9	24.7	23.0	23.8	15.4	14.3	14.9	17.9	15.4	16.4
3	24.8	21.0	22.7	24.2	23.1	23.5	16.2	14.4	15.3	19.5	16.2	17.7
4	26.0	22.4	24.1	23.8	23.0	23.3	17.2	15.3	16.2	20.5	16.3	18.2
5	26.6	24.2	25.3	24.8	23.6	23.9	16.3	15.0	15.7	19.7	16.9	18.1
6	26.7	24.4	25.5	25.9	23.8	24.7	15.0	11.3	12.4	17.3	11.1	13.5
7	26.6	24.6	25.5	25.6	23.6	24.4	12.6	11.0	11.7	11.1	9.8	10.3
8	25.9	25.1	25.4	23.9	22.7	23.3	14.2	12.5	13.6	12.4	9.9	11.3
9	26.5	24.9	25.6	24.0	22.5	23.1	15.5	13.9	14.6	13.3	10.4	12.4
10	25.8	25.2	25.5	23.2	22.6	22.9	15.6	13.4	14.4	11.8	9.3	10.2
11	25.4	24.6	25.1	24.4	22.5	23.3	13.4	12.2	12.7	11.7	9.5	10.6
12	25.5	23.9	24.7	25.0	23.2	24.0	13.7	12.6	13.1	13.1	10.7	11.4
13	26.8	24.7	25.3	24.7	20.2	23.2	13.4	12.9	13.2	13.8	11.4	12.3
14	26.9	25.2	26.0	20.2	18.9	19.5	13.4	12.1	12.7	13.4	11.8	12.4
15	25.7	23.3	24.3	22.0	18.9	20.5	13.1	11.9	12.5	14.3	12.4	13.2
16	23.9	23.0	23.4	22.6	20.3	21.6	14.5	12.7	13.4	14.5	12.8	13.4
17	25.4	23.0	23.7	22.8	21.6	22.2	13.0	9.5	10.9	14.6	13.3	13.9
18	24.7	22.7	23.3	22.6	21.8	22.3	11.2	9.8	10.5	16.5	13.6	14.9
19	24.4	21.9	23.0	21.8	17.1	19.0	12.1	10.1	11.2	16.1	13.8	14.7
20	24.9	22.1	23.4	17.8	15.7	16.8	11.9	10.3	10.9	13.8	11.2	12.5
21	24.6	22.3	23.3	18.6	16.6	17.9	12.8	10.5	11.3	13.5	11.4	12.4
22	24.5	23.0	23.7	20.2	17.9	19.1	14.3	11.1	12.4	14.2	11.9	12.8
23	25.0	23.4	24.1	21.3	19.3	20.2	14.3	12.1	13.0	14.9	11.8	13.0
24	25.5	24.2	24.6	20.7	13.9	17.2	14.0	12.4	13.4	14.7	12.4	13.3
25	25.5	24.4	24.8	15.5	13.5	14.3	13.1	11.9	12.6	13.8	12.8	13.3
26	25.2	24.3	24.7	17.6	14.8	16.4	13.3	11.5	12.3	13.9	12.8	13.2
27	24.3	19.5	21.9	18.3	16.4	17.8	13.8	12.0	12.9	13.9	11.6	12.8
28	21.9	19.4	20.7	17.9	13.5	15.9	15.6	12.6	13.9	11.6	8.5	10.1
29	23.2	20.7	22.0	13.9	11.9	12.9	15.6	14.0	14.4	10.7	9.0	9.7
30	23.2	21.7	22.5	14.4	12.2	13.1	15.0	13.4	14.2	12.0	10.1	10.9
31	23.8	22.1	22.9	---	---	---	14.6	13.6	14.0	12.2	10.8	11.5
MONTH	26.9	19.4	24.0	25.9	11.9	20.5	17.2	9.5	13.2	20.5	8.5	13.1
FEBRUARY			MARCH			APRIL			MAY			
1	11.8	10.9	11.3	18.0	15.8	16.8	22.2	19.2	21.0	---	---	---
2	12.6	11.3	11.8	20.6	16.4	18.0	24.3	19.6	21.4	---	---	---
3	12.6	11.2	11.9	21.9	18.3	19.7	24.3	20.9	22.1	---	---	---
4	12.5	11.5	12.0	21.4	19.3	20.2	24.0	21.1	22.3	---	---	---
5	15.1	12.5	13.6	21.0	19.3	20.1	22.9	21.2	22.0	---	---	---
6	16.6	15.0	15.7	25.0	19.7	21.7	23.0	21.1	22.0	---	---	---
7	15.1	12.0	13.3	24.1	22.3	23.1	22.7	21.5	22.0	---	---	---
8	12.5	10.5	11.3	22.3	19.9	20.9	24.5	22.3	23.2	---	---	---
9	13.9	10.5	11.8	21.1	18.1	19.5	25.1	23.3	24.1	---	---	---
10	13.9	13.0	13.4	19.4	16.0	17.7	25.9	23.6	24.5	---	---	---
11	14.2	13.6	13.8	19.5	16.1	18.0	25.0	23.3	24.3	---	---	---
12	14.9	12.9	14.3	19.9	17.1	18.7	24.7	20.7	22.8	---	---	---
13	12.9	11.7	12.0	20.4	18.6	19.3	20.7	17.2	18.4	---	---	---
14	11.7	10.9	11.5	19.8	19.1	19.5	20.6	15.6	17.9	---	---	---
15	11.5	8.9	10.3	20.1	19.2	19.6	21.0	18.8	19.8	---	---	---
16	13.8	9.5	11.4	23.1	19.4	20.9	21.9	19.3	20.2	---	---	---
17	14.0	10.9	12.5	21.8	19.4	20.5	23.0	20.3	21.6	---	---	---
18	16.0	11.7	13.5	22.4	19.0	20.3	23.8	21.5	22.6	---	---	---
19	15.3	12.5	13.8	24.5	20.2	21.5	24.3	22.7	23.5	---	---	---
20	15.1	12.7	13.7	24.5	20.8	22.2	24.0	22.6	23.5	---	---	---
21	17.6	13.6	15.2	24.8	23.0	24.1	23.4	22.4	22.8	29.8	27.0	28.1
22	17.3	13.9	15.3	23.1	19.2	20.2	24.4	22.2	23.1	29.9	28.2	29.1
23	15.5	14.8	15.2	20.1	18.6	19.6	26.5	23.8	25.0	29.9	28.5	29.2
24	16.7	15.0	16.3	19.8	18.2	18.9	26.8	25.0	26.0	30.2	28.6	29.3
25	17.1	15.6	16.2	20.9	18.9	19.9	26.3	25.8	26.0	30.2	28.7	29.4
26	16.3	12.9	14.2	22.3	19.8	20.8	25.8	24.3	24.9	29.9	28.8	29.4
27	15.0	11.8	13.5	23.1	20.6	21.7	25.8	22.4	24.1	29.8	28.2	28.9
28	15.2	13.0	14.1	23.7	21.5	22.4	25.4	23.1	24.2	30.1	28.4	29.2
29	16.0	14.0	15.0	24.1	22.0	23.1	24.8	23.5	24.1	30.6	29.2	29.8
30	---	---	---	25.4	21.7	23.4	---	---	---	30.2	28.8	29.5
31	---	---	---	24.4	21.4	22.7	---	---	---	30.5	28.8	29.6
MONTH	17.6	8.9	13.4	25.4	15.8	20.5	---	---	---	---	---	---

07381355 COMPANY CANAL AT SALT BARRIER NEAR LOCKPORT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.3	29.5	30.2	30.0	28.4	29.2	31.7	29.8	30.7	31.0	28.6	29.5
2	30.8	28.9	29.8	29.6	29.1	29.4	31.4	30.3	30.8	31.1	29.7	30.2
3	30.2	28.0	29.2	30.0	28.6	29.3	32.0	30.1	31.0	30.8	29.4	30.1
4	30.6	28.4	29.5	31.8	29.3	30.0	32.8	30.9	31.8	30.8	29.2	29.9
5	31.3	28.5	29.9	32.2	30.4	30.9	33.4	31.9	32.4	31.4	29.1	29.9
6	31.0	28.5	29.8	32.1	30.3	31.1	33.0	30.0	31.2	31.4	29.6	30.4
7	31.4	29.1	30.0	31.4	29.4	30.4	31.5	29.0	30.4	31.0	28.5	29.6
8	31.7	29.8	30.6	30.8	29.1	29.7	31.2	30.4	30.9	31.2	28.2	29.6
9	32.5	30.3	30.9	29.5	28.0	28.6	31.3	29.1	30.2	31.1	29.4	30.1
10	32.4	30.8	31.4	29.4	28.5	28.9	32.2	30.1	31.0	30.9	28.0	29.6
11	32.7	31.3	31.7	30.2	28.3	28.9	32.7	30.7	31.7	30.7	28.6	29.7
12	32.8	31.4	32.0	30.9	29.3	29.8	32.3	29.5	30.5	30.4	29.0	29.7
13	32.5	31.1	31.8	31.5	29.3	30.0	29.5	25.8	27.0	29.9	28.9	29.4
14	31.6	29.8	30.6	31.1	30.3	30.7	27.5	23.5	25.4	30.0	29.1	29.5
15	30.4	28.4	29.4	31.4	30.5	30.8	28.5	23.9	26.1	29.4	26.4	28.5
16	31.2	29.5	30.4	31.3	30.6	30.9	29.2	24.6	27.3	29.0	25.0	26.5
17	32.0	30.1	30.7	31.2	29.8	30.4	29.8	26.4	28.1	30.3	28.3	28.8
18	32.6	30.8	31.4	30.9	28.6	29.9	30.7	27.6	29.0	31.0	29.0	29.8
19	32.9	31.6	32.1	32.0	28.6	30.1	30.4	28.9	29.6	30.5	28.8	29.5
20	32.0	30.5	31.1	31.8	29.5	30.6	30.9	29.5	30.0	29.4	28.3	28.8
21	31.2	30.3	30.7	31.1	30.0	30.6	31.6	30.2	30.8	28.3	27.2	27.7
22	30.3	28.9	29.7	33.0	29.8	30.8	32.1	30.2	31.1	27.4	26.2	26.8
23	31.1	29.2	30.2	32.8	31.0	31.7	32.0	30.8	31.4	27.0	26.1	26.6
24	31.1	30.0	30.6	---	---	---	32.2	30.8	31.5	27.5	26.6	27.0
25	30.3	28.8	29.5	---	---	---	32.1	30.8	31.5	27.3	26.2	26.7
26	30.1	27.6	28.8	---	---	---	32.9	30.2	31.5	27.8	25.9	26.9
27	31.7	28.6	29.7	31.2	28.4	29.6	32.3	30.7	31.6	27.8	25.8	26.6
28	31.5	29.1	30.2	31.0	29.4	30.3	31.8	30.0	30.7	28.4	25.2	26.7
29	29.6	28.0	28.9	32.0	30.1	30.9	30.7	28.9	29.6	27.7	24.6	25.9
30	29.5	28.2	28.9	31.7	30.3	30.9	29.6	27.8	28.4	28.0	26.2	26.9
31	---	---	---	31.5	30.5	31.0	29.9	27.4	28.5	---	---	---
MONTH	32.9	27.6	30.3	---	---	---	33.4	23.5	30.1	31.4	24.6	28.6

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 velocity meter. Datum of gage is NGVD of 1929. Reverse flow at times during the year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 5,170 ft³/s, Feb. 19, 1988; maximum gage height, 12.70 ft, May 15, 2004; maximum negative discharge, -280 ft³/s, June 16, 1985; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 1,790 ft³/s, May 18, maximum gage height, 12.70 ft, May 15; maximum negative discharge, -97 ft³/s, Sept. 29, minimum gage height, 0.45 ft, Aug. 18

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.5	8.1	23	24	503	168	22	1,480	729	1,310	4.2	3.3
2	9.7	3.2	22	12	403	109	16	1,630	---	1,290	-5.3	2.7
3	0.45	8.0	20	19	314	97	9.0	1,560	---	1,180	6.3	0.97
4	-5.4	8.6	22	22	157	90	10	1,480	---	1,080	6.4	17
5	5.6	5.6	28	29	225	76	23	1,370	---	1,040	8.9	93
6	6.4	4.6	31	45	619	137	18	1,270	---	986	7.3	142
7	5.1	14	26	38	622	172	7.0	1,180	---	956	12	51
8	4.4	13	15	32	521	114	9.1	1,050	---	864	-2.5	12
9	9.5	7.3	13	52	431	83	12	901	290	745	0.95	9.4
10	7.1	3.3	19	59	419	67	11	737	210	612	4.8	-8.4
11	12	5.3	19	39	887	55	21	613	88	465	-4.0	2.3
12	11	6.5	17	26	1,200	44	26	1,070	43	223	18	3.9
13	6.6	15	34	16	1,220	37	29	1,290	19	46	15	5.3
14	10	18	104	15	1,210	36	21	1,430	188	12	6.1	8.4
15	16	9.1	51	14	1,210	60	15	1,590	504	12	7.3	11
16	11	7.0	25	21	1,150	74	12	1,570	475	21	4.9	-5.8
17	9.9	7.2	27	111	1,100	71	7.2	1,620	468	27	3.8	-6.1
18	19	31	21	320	1,050	47	5.9	1,630	339	34	-1.4	2.8
19	15	104	19	249	991	34	7.4	1,540	141	31	-2.8	11
20	3.3	60	16	90	916	25	7.9	1,520	368	26	15	-1.0
21	3.7	23	12	38	857	29	1.3	1,460	608	12	12	4.7
22	6.0	12	8.4	23	774	31	4.0	1,390	809	6.6	5.8	6.2
23	1.2	9.3	14	16	820	28	4.1	1,360	969	14	1.2	10
24	6.5	62	18	15	885	25	12	1,290	1,090	15	-0.21	1.3
25	4.3	78	19	26	840	21	50	1,200	1,270	19	0.77	2.8
26	19	30	8.6	105	803	21	585	1,160	1,380	40	3.6	4.5
27	59	-4.6	13	66	695	18	724	1,050	1,390	38	3.6	3.1
28	24	53	14	36	479	18	632	999	1,310	28	0.91	9.4
29	4.4	46	29	26	291	21	312	955	1,250	12	6.9	4.5
30	8.4	33	106	277	---	19	475	880	1,270	8.7	9.7	10
31	9.8	---	60	588	---	26	---	822	---	9.3	7.1	---
TOTAL	309.45	680.5	854.0	2,449	21,592	1,853	3,088.9	39,097	---	11,162.6	156.32	411.27

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.10	1.09	2.31	1.89	6.92	5.19	1.64	9.52	8.04	10.57	1.21	0.84
2	1.11	1.12	2.15	1.80	6.03	4.77	1.55	10.43	---	10.30	1.26	0.79
3	1.21	1.09	2.00	2.11	5.12	4.53	1.50	10.30	---	10.02	1.27	0.91
4	1.43	1.03	1.84	1.80	3.77	4.33	1.61	9.98	---	9.71	1.13	1.10
5	1.59	0.99	1.68	1.60	4.56	4.14	1.48	9.63	---	9.42	1.07	1.58
6	1.59	0.96	1.53	1.61	8.90	4.27	1.29	9.27	---	9.12	0.98	2.02
7	1.57	0.91	1.33	1.43	8.75	4.36	1.38	8.89	---	8.80	0.88	1.46
8	1.62	0.77	1.34	1.34	7.84	3.85	1.45	8.45	---	8.45	0.79	1.16
9	1.58	0.73	1.33	1.83	6.48	3.53	1.43	7.85	5.23	7.99	0.91	1.02
10	1.80	0.81	1.31	1.93	5.89	3.31	1.36	7.05	4.85	7.37	0.86	1.02
11	1.97	1.07	1.25	1.65	8.71	3.11	1.34	6.29	4.11	6.55	0.81	1.13
12	1.86	1.27	1.18	1.47	10.44	2.92	1.41	8.89	3.75	5.08	1.00	1.23
13	1.77	1.18	1.35	1.29	10.57	2.76	1.35	11.38	3.59	4.07	0.76	1.24
14	1.73	1.08	2.19	1.18	10.60	2.62	1.18	12.22	3.94	3.78	0.64	1.28
15	1.56	0.98	1.94	1.11	10.52	2.71	1.06	12.60	5.46	3.60	0.60	1.27
16	1.45	1.00	1.76	1.13	10.27	2.65	1.00	12.44	5.51	3.42	0.54	1.27
17	1.40	1.19	1.58	2.12	9.99	2.52	0.96	12.38	5.39	3.24	0.49	1.46
18	1.24	1.68	1.34	4.37	9.69	2.36	0.98	12.35	4.81	3.27	0.52	1.45
19	1.05	2.34	1.12	4.11	9.39	2.18	1.03	12.19	3.61	3.15	0.69	1.37
20	0.98	1.84	0.86	2.30	9.07	2.03	1.08	11.97	4.33	2.99	0.85	1.29
21	1.01	1.46	0.70	1.52	8.71	1.92	1.16	11.73	5.90	2.84	1.07	1.42
22	1.03	1.42	0.75	1.33	8.23	1.82	1.27	11.46	7.04	2.69	0.95	1.54
23	1.01	1.49	0.95	1.26	8.44	1.74	1.36	11.19	8.26	2.53	0.93	1.56
24	0.94	1.80	1.08	1.25	9.23	1.69	1.39	10.88	8.93	2.36	0.98	1.62
25	1.03	1.82	1.07	1.49	9.09	1.69	1.53	10.57	9.95	2.20	1.09	1.75
26	1.32	1.53	1.18	2.40	8.75	1.68	4.76	10.26	10.89	2.09	1.15	1.82
27	1.19	2.03	1.41	1.88	8.21	1.70	5.51	9.97	10.99	1.89	1.08	1.86
28	1.03	2.89	1.55	1.39	7.07	1.73	4.62	9.67	10.93	1.66	1.11	1.81
29	1.04	2.66	1.80	1.29	5.90	1.76	3.23	9.34	10.86	1.50	1.03	1.82
30	1.13	2.48	2.60	3.96	---	1.77	4.02	8.98	10.85	1.38	1.03	1.76
31	1.14	---	2.25	7.36	---	1.70	---	8.54	---	1.27	0.96	---
MAX	1.97	2.89	2.60	7.36	10.60	5.19	5.51	12.60	---	10.57	1.27	2.02
MIN	0.94	0.73	0.70	1.11	3.77	1.68	0.96	6.29	---	1.27	0.49	0.79

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA

LOCATION.--Lat 30° 09'19", long 91° 19'54", in sec. 34, T. 10 S., R. 11 E., Iberville Parish, Hydrologic Unit 08070300, on Bayou Sorrel bridge, 2 miles south southeast of Bayou Sorrel, La.

DRAINAGE AREA.--Indeterminate

PERIOD OF RECORD.--1980-82 (Specific Conductance, Temperature only); November 2001 to current year.

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

REMARKS.--No estimated daily discharges. Records poor. Lock and dam downstream of gage: diversions above and below station for irrigation. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 13,200 ft³/s, May 18, 2004; maximum gage height, 11.17 ft, May 18, 2004; maximum negative discharge, -3,870 ft³/s, Aug. 2, 2004; minimum gage height, 4.33 ft, Nov. 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 13,200 ft³/s, May 18; maximum gage height, 11.17 ft, May 18; maximum negative discharge, -3,870 ft³/s, Aug. 2; minimum gage height, 4.59 ft, Aug. 17.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	244	701	1,620	1,180	2,300	4,270	814	4,440	5,540	5,350	644	383
2	306	514	1,510	1,330	2,170	4,110	784	5,330	5,070	5,190	359	202
3	286	359	1,370	1,650	2,240	3,940	860	5,040	4,960	5,040	946	243
4	548	299	1,240	1,160	2,080	3,590	1,100	4,570	4,940	4,810	994	309
5	710	388	1,130	1,140	2,830	3,390	882	4,340	4,660	4,750	885	274
6	628	253	1,090	1,250	4,600	3,190	812	4,270	4,450	4,660	535	426
7	676	434	930	1,260	4,520	3,090	712	4,010	4,260	4,420	973	461
8	804	392	962	1,100	4,260	2,940	881	4,110	4,110	4,240	206	621
9	946	420	758	1,310	3,950	2,810	933	3,960	3,910	4,160	499	643
10	703	151	735	1,420	3,970	2,660	698	3,740	3,690	3,990	795	-34
11	815	-121	842	1,360	4,660	2,520	749	3,620	3,370	3,780	-87	175
12	900	319	654	1,180	5,780	2,320	863	4,800	3,180	3,530	1,000	271
13	633	715	663	1,020	5,780	2,220	913	7,090	3,010	3,210	908	227
14	896	620	864	911	5,540	2,080	945	8,770	2,820	3,050	279	169
15	913	151	1,160	797	5,280	2,080	823	11,700	2,880	2,920	508	394
16	444	20	1,340	777	5,240	1,810	712	12,400	2,710	2,660	715	-103
17	403	-222	1,190	730	5,130	1,700	662	12,600	2,730	2,510	473	109
18	913	253	1,080	1,240	5,020	1,540	546	12,700	2,650	2,360	102	203
19	478	1,210	1,070	1,400	4,950	1,420	549	11,900	2,440	2,190	321	470
20	195	1,180	921	1,300	4,820	1,260	462	11,000	2,270	2,060	-10	-10
21	319	505	553	998	4,700	1,260	383	10,300	2,310	1,960	319	-131
22	390	585	176	770	4,420	1,150	330	9,500	2,350	1,850	525	144
23	775	191	382	809	4,700	1,100	528	8,850	2,650	1,730	196	469
24	179	827	778	711	5,390	913	653	8,290	3,050	1,720	102	-119
25	108	915	900	659	5,560	761	737	7,950	3,860	1,540	171	-39
26	682	789	791	998	5,280	700	1,310	7,530	5,180	1,540	497	145
27	960	1,630	1,160	1,000	4,980	736	1,450	7,190	5,490	1,360	254	488
28	229	2,260	1,270	927	4,930	683	1,430	6,760	5,330	1,210	420	371
29	-129	1,980	1,300	866	4,530	836	1,300	6,490	5,390	1,090	360	980
30	120	1,730	1,250	1,970	---	883	2,520	5,960	5,440	932	447	860
31	690	---	1,350	2,250	---	870	---	5,770	---	733	491	---
TOTAL	16,764	19,448	31,039	35,473	129,610	62,832	26,341	224,980	114,700	90,545	14,827	8,601

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.33	5.23	6.44	5.96	6.63	8.82	5.78	8.06	9.18	9.16	5.45	5.09
2	5.32	5.31	6.27	5.93	6.63	8.64	5.70	8.68	9.08	9.13	5.55	5.06
3	5.47	5.23	6.12	6.18	6.70	8.47	5.66	8.84	9.08	9.06	5.50	5.18
4	5.66	5.16	5.98	5.88	6.65	8.28	5.76	8.80	9.02	8.98	5.33	5.35
5	5.78	5.13	5.84	5.78	6.99	8.12	5.63	8.73	8.90	8.89	5.18	5.45
6	5.80	5.15	5.65	5.73	8.25	8.02	5.44	8.65	8.76	8.83	5.05	5.56
7	5.77	5.06	5.45	5.50	8.41	7.88	5.55	8.55	8.63	8.73	4.88	5.51
8	5.81	4.99	5.48	5.42	8.36	7.72	5.62	8.45	8.47	8.64	4.89	5.41
9	5.76	4.93	5.45	5.80	8.25	7.56	5.56	8.32	8.30	8.56	5.19	5.25
10	6.04	5.06	5.48	5.84	8.26	7.37	5.52	8.19	8.15	8.47	5.05	5.32
11	6.17	5.30	5.40	5.66	8.60	7.19	5.53	8.07	7.97	8.36	5.13	5.40
12	6.05	5.46	5.35	5.54	9.11	7.02	5.60	8.47	7.81	8.24	5.23	5.49
13	5.97	5.38	5.46	5.39	9.32	6.85	5.51	9.68	7.68	8.07	5.01	5.49
14	5.92	5.16	5.57	5.29	9.36	6.72	5.31	10.30	7.55	7.88	4.95	5.56
15	5.73	5.14	5.83	5.26	9.39	6.71	5.13	10.83	7.50	7.70	4.87	5.59
16	5.64	5.25	5.88	5.23	9.33	6.62	5.06	11.01	7.45	7.51	4.79	5.60
17	5.61	5.41	5.68	5.35	9.26	6.49	5.11	11.09	7.45	7.34	4.74	5.72
18	5.42	5.81	5.43	5.79	9.17	6.40	5.15	11.14	7.37	7.35	4.81	5.73
19	5.19	6.10	5.21	5.91	9.06	6.27	5.22	11.12	7.25	7.27	4.95	5.63
20	5.17	5.79	4.96	5.76	8.97	6.14	5.24	11.02	7.15	7.12	5.07	5.58
21	5.24	5.60	4.83	5.58	8.89	6.08	5.34	10.90	7.11	7.00	5.24	5.71
22	5.17	5.57	4.92	5.46	8.76	5.97	5.42	10.74	7.11	6.88	5.15	5.80
23	5.15	5.69	5.15	5.38	8.85	5.87	5.50	10.57	7.26	6.74	5.20	5.82
24	5.10	5.85	5.23	5.39	9.17	5.83	5.52	10.42	7.48	6.57	5.24	5.90
25	5.27	5.71	5.17	5.52	9.39	5.82	5.61	10.24	8.01	6.39	5.38	6.04
26	5.51	5.62	5.46	5.66	9.38	5.82	6.01	10.05	8.75	6.25	5.37	6.11
27	5.26	6.16	5.54	5.63	9.28	5.85	6.08	9.87	9.06	6.06	5.34	6.14
28	5.16	6.89	5.68	5.45	9.15	5.86	6.01	9.72	9.10	5.84	5.36	6.08
29	5.26	6.74	5.86	5.42	8.98	5.93	5.91	9.55	9.13	5.69	5.28	6.08
30	5.32	6.58	6.20	6.13	---	5.92	6.56	9.39	9.17	5.61	5.28	5.98
31	5.28	---	6.11	6.64	---	5.88	---	9.26	---	5.51	5.22	---
MAX	6.17	6.89	6.44	6.64	9.39	8.82	6.56	11.14	9.18	9.16	5.55	6.14
MIN	5.10	4.93	4.83	5.23	6.63	5.82	5.06	8.06	7.11	5.51	4.74	5.06

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA

LOCATION.--Lat 29° 40'06", long 91° 05'59", sec. 23, T. 16 S., R. 13 E., Louisiana Meridian, St. Mary Parish, Hydrologic Unit 08090302, at Southern Pacific Transportation Co. railroad bridge, and approximately 300 ft upstream of U.S. Corps of Engineers water-level gage near Amelia.

DRAINAGE AREA.--Indetermined.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 1997 (elevations only); March 1997 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records poor. Discharge and stage affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 34,800 ft³/s, Nov. 25, 1999; maximum gage height, 4.24 ft, Apr. 11, 1997; maximum negative discharge, -21,100 ft³/s, Nov. 6, 2000; minimum gage height, -0.37 ft, Feb. 5, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 21,300 ft³/s, Nov. 28; maximum gage height, 3.03 ft, May 18; maximum negative discharge, -17,000 ft³/s, Nov. 18; minimum gage height, 0.78 ft, Sept. 8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	982	854	9,360	2,400	269	6,260	---	-529	9,130	4,820	103	3,300
2	1,920	-174	6,790	2,870	1,430	7,770	---	8,990	6,080	5,420	4,140	980
3	-3,040	2,950	51	3,090	6,360	8,060	---	9,380	9,580	5,050	6,100	319
4	-1,710	1,250	4,480	1,530	3,450	2,390	---	5,500	12,800	5,310	3,010	1,080
5	70	155	7,390	7,930	-8,070	-2,470	---	3,630	11,400	5,530	4,140	2,130
6	1,580	65	5,270	10,200	11,800	9,160	---	3,080	9,760	6,940	6,170	3,860
7	-431	4,730	266	1,740	13,900	13,400	---	3,890	6,400	7,620	-54	6,020
8	2,520	1,860	-85	-1,490	9,750	13,600	---	3,590	5,320	7,110	-3,310	3,760
9	-1,000	1,390	-2,860	5,380	6,560	12,100	---	3,430	6,660	5,400	-638	-4,460
10	-4,210	-1,710	4,210	8,200	8,710	8,210	---	1,710	5,580	8,540	1,060	1,530
11	9,570	-1,500	4,110	-19	4,290	7,380	---	-167	4,830	8,640	-637	-1,210
12	7,100	825	-1,170	2,400	12,200	4,780	---	-4,370	5,480	9,370	2,570	-2,410
13	2,210	5,990	-1,270	2,130	10,500	2,060	---	2,220	2,580	10,100	5,990	-496
14	4,320	496	6,180	-1,160	5,280	2,220	---	3,870	4,650	8,430	-1,340	-3,360
15	6,040	-3,030	-2,800	1,050	10,200	1,540	---	11,000	706	6,060	-1,030	3,220
16	1,210	-974	4,520	-469	7,390	3,040	---	9,470	-3,040	6,610	-1,680	-5,490
17	---	-3,300	10,300	-5,330	7,040	---	---	9,090	1,940	7,100	-64	-1,720
18	---	-9,340	1,880	169	7,030	---	---	11,800	5,350	8,560	-1,550	3,930
19	-1,780	11,800	4,400	8,390	3,390	---	---	12,300	5,300	12,600	-2,940	4,930
20	-1,160	3,810	345	2,310	2,450	---	---	12,900	4,640	11,400	-1,380	-2,740
21	1,040	1,500	-2,930	1,490	5,530	---	---	13,700	3,090	9,970	3,960	-1,640
22	3,620	1,130	-3,930	1,780	961	---	-5,470	11,800	-19	10,500	2,820	-2,650
23	1,450	-4,690	731	314	2,050	---	682	10,200	1,830	10,200	-127	-4,860
24	-2,210	10,700	5,240	-1,230	4,860	---	-411	10,700	521	8,090	-1,050	-3,780
25	-2,950	-380	1,080	-3,640	6,230	---	1,570	11,200	3,120	7,340	408	2,760
26	3,580	-4,190	-237	17	13,500	---	9,710	11,400	8,850	6,570	1,280	7,850
27	6,560	-1,610	-11	8,600	11,100	---	6,450	11,200	6,750	3,540	1,470	3,860
28	-2,680	15,700	-734	2,220	9,260	---	1,170	10,800	8,250	2,830	447	7,720
29	-1,520	11,400	-74	328	5,900	---	-375	9,040	7,720	630	2,050	4,820
30	-3,740	7,140	7,530	1,250	---	---	1,700	-2,330	5,640	-32	2,850	-141
31	2,800	---	2,610	2,000	---	---	---	5,240	---	1,260	4,280	---
TOTAL	---	52,847	70,642	64,450	183,320	---	---	213,734	160,898	211,508	37,048	27,112

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.54	1.70	1.67	1.80	1.95	2.34	2.05	2.29	2.57	2.81	1.90	1.21
2	1.52	1.75	1.60	1.78	2.01	2.35	2.02	2.30	2.63	2.83	1.83	1.18
3	1.62	1.67	1.76	1.75	1.92	2.27	1.93	2.16	2.67	2.85	1.70	1.29
4	1.76	1.64	1.80	1.78	1.83	2.31	1.88	2.10	2.54	2.84	1.54	1.41
5	1.81	1.57	1.65	1.74	2.11	2.43	1.76	2.16	2.46	2.83	1.46	1.49
6	1.78	1.64	1.43	1.36	2.18	2.46	1.85	2.15	2.45	2.81	1.26	1.42
7	1.78	1.42	1.51	1.24	1.82	2.20	1.99	2.15	2.47	2.77	1.12	1.18
8	1.77	1.30	1.62	1.52	1.63	1.99	1.96	2.15	2.49	2.76	1.35	0.95
9	1.82	1.32	1.81	1.71	1.70	1.88	1.83	2.15	2.47	2.82	1.49	1.18
10	2.20	1.43	1.98	1.35	1.71	1.70	1.84	2.20	2.50	2.79	1.49	1.29
11	2.03	1.60	1.63	1.43	1.94	1.74	1.98	2.29	2.50	2.77	1.48	1.32
12	1.86	1.66	1.73	1.48	1.97	1.72	2.06	2.44	2.46	2.71	1.52	1.47
13	1.95	1.53	1.99	1.47	1.79	1.75	1.77	2.62	2.50	2.65	1.21	1.59
14	1.93	1.36	1.80	1.55	1.97	1.86	1.45	2.78	2.55	2.58	1.18	1.77
15	1.60	1.59	1.83	1.64	1.99	1.92	1.43	2.76	2.55	2.54	1.24	1.88
16	1.73	1.69	1.91	1.59	1.88	2.01	1.51	2.73	2.62	2.50	1.28	1.94
17	---	1.77	1.43	1.83	1.94	2.02	1.61	2.77	2.70	2.43	1.31	2.03
18	---	2.16	1.39	1.99	1.93	2.14	1.69	2.82	2.64	2.50	1.36	1.87
19	1.47	1.85	1.23	1.84	1.99	2.15	1.76	2.87	2.58	2.38	1.46	1.68
20	1.60	1.48	1.15	1.68	2.14	2.17	1.75	2.81	2.53	2.28	1.59	1.79
21	1.60	1.63	1.33	1.74	2.18	2.17	1.90	2.73	2.54	2.22	1.50	1.92
22	1.48	1.50	1.53	1.70	2.25	1.97	2.03	2.71	2.58	2.09	1.39	2.02
23	1.37	1.80	1.76	1.72	2.35	2.09	1.97	2.73	2.64	1.96	1.44	2.11
24	1.44	1.69	1.46	1.78	2.52	2.19	1.94	2.71	2.65	1.89	1.51	2.24
25	1.63	1.49	1.47	1.96	2.63	2.27	2.02	2.66	2.81	1.81	1.52	2.14
26	1.68	1.78	1.56	2.01	2.44	2.31	2.03	2.56	2.78	1.76	1.48	1.89
27	1.31	2.23	1.62	1.90	2.31	2.30	1.84	2.49	2.77	1.84	1.44	1.79
28	1.49	2.12	1.67	1.61	2.28	2.34	1.75	2.45	2.74	1.78	1.41	1.56
29	1.60	1.77	1.97	1.66	2.27	2.35	1.92	2.39	2.73	1.83	1.42	1.33
30	1.82	1.83	1.76	1.78	---	2.24	2.06	2.60	2.77	1.87	1.39	1.45
31	1.75	---	1.83	1.83	---	2.23	---	2.69	---	1.88	1.26	---
MAX	---	2.23	1.99	2.01	2.63	2.46	2.06	2.87	2.81	2.85	1.90	2.24
MIN	---	1.30	1.15	1.24	1.63	1.70	1.43	2.10	2.45	1.76	1.12	0.95

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 2000 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: March 2000 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent.

SALINITY: Records excellent.

WATER TEMPERATURE: Records excellent except for Dec. 5-14 when records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 21,900 microsiemens/cm, Oct. 3, 2002; minimum, recorded, 119 microsiemens/cm, June 24, 2001.

SALINITY: Maximum recorded, 13.2 ppt, Oct. 3, 2002; minimum recorded, 0.1 ppt, many days.

WATER TEMPERATURE: Maximum recorded, 34.8°C, July 20, 2002; minimum recorded, 4.1°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 437 microsiemens/cm, Nov. 24; minimum, 152 microsiemens/cm, July 25.

SALINITY: Maximum, 0.2 ppt, on many days; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 33.4°C, Aug. 5; minimum, 9.0°C, Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	328	314	322	374	364	369	349	325	344	291	284	286
2	339	323	331	382	368	373	326	317	321	284	275	280
3	357	336	347	375	359	370	329	323	326	279	276	278
4	367	353	359	365	357	361	332	329	331	280	275	276
5	379	361	368	357	348	353	331	320	327	282	276	279
6	373	360	368	362	350	355	320	308	315	283	281	282
7	371	342	351	363	346	354	310	308	309	283	282	282
8	351	340	346	350	343	347	311	309	310	290	283	287
9	341	332	336	358	350	356	321	311	316	294	290	292
10	347	337	342	371	358	364	323	321	323	295	279	288
11	350	335	343	384	371	380	322	307	314	281	279	280
12	336	325	331	387	380	384	308	307	308	281	274	279
13	329	322	326	391	379	386	309	307	309	275	271	273
14	329	318	323	379	359	369	309	306	308	273	272	272
15	321	316	318	381	358	373	309	306	308	276	272	275
16	331	316	324	388	375	382	327	309	318	282	276	279
17	---	---	---	392	384	387	322	317	320	295	282	288
18	---	---	---	419	392	411	318	300	310	305	294	299
19	331	318	323	424	410	421	301	297	299	308	299	303
20	342	330	336	410	362	379	298	293	295	299	293	294
21	351	339	344	373	364	368	302	295	298	298	294	296
22	344	326	335	374	361	368	314	302	306	299	298	299
23	326	320	323	436	363	379	323	314	319	300	296	299
24	326	320	323	437	379	410	322	312	320	301	296	298
25	360	326	340	380	361	370	314	311	313	309	301	306
26	370	352	361	388	363	378	315	311	313	311	309	310
27	353	330	344	414	388	408	319	314	316	312	306	310
28	351	330	342	411	390	403	323	314	318	307	299	302
29	366	351	360	390	354	375	320	313	317	300	297	299
30	387	359	375	357	346	352	313	296	306	298	287	292
31	387	367	376	---	---	---	296	291	293	291	289	290
MONTH	---	---	---	437	343	376	349	291	314	312	271	289

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	292	290	291	198	194	196	260	251	257	282	277	279
2	294	292	293	199	198	198	254	248	252	280	267	270
3	294	293	294	199	197	198	251	245	248	270	267	269
4	295	289	293	199	198	198	246	240	243	269	267	268
5	295	289	290	207	197	203	242	240	241	269	264	267
6	299	295	297	210	202	205	248	242	244	266	260	262
7	298	294	295	202	198	200	268	246	257	264	261	262
8	294	289	293	199	197	198	269	245	251	270	263	266
9	290	275	283	198	193	195	245	243	244	275	270	272
10	276	268	272	195	192	194	249	244	246	281	275	278
11	268	260	263	196	195	196	250	236	241	283	276	280
12	262	258	260	195	185	190	245	240	244	291	278	285
13	261	258	260	187	183	184	245	241	242	297	289	292
14	259	239	250	189	183	185	244	241	242	293	273	284
15	240	237	238	190	187	189	247	244	246	278	271	274
16	238	234	236	189	188	189	251	246	249	279	270	275
17	235	232	234	193	189	190	266	251	257	271	256	266
18	233	224	229	205	193	198	279	266	270	259	231	249
19	226	221	223	211	202	207	293	278	286	231	224	227
20	221	218	219	204	199	202	296	279	285	228	222	225
21	218	217	217	202	200	201	312	284	301	222	205	214
22	217	213	215	204	202	203	324	312	317	206	192	200
23	215	213	214	210	204	206	331	323	327	194	182	189
24	214	210	213	213	210	211	335	324	327	186	182	184
25	210	208	210	219	213	216	340	304	318	186	178	183
26	212	207	209	226	219	222	306	288	296	180	177	178
27	213	210	212	241	226	234	292	283	288	180	176	178
28	211	205	209	255	241	248	283	274	278	179	174	176
29	205	198	201	263	255	259	291	277	283	176	172	174
30	---	---	---	264	256	259	292	274	284	191	172	178
31	---	---	---	259	257	258	---	---	---	200	183	192
MONTH	299	198	249	264	183	207	340	236	269	297	172	239
	JUNE			JULY			AUGUST			SEPTEMBER		
1	184	175	181	183	181	181	193	181	187	240	233	237
2	177	172	174	182	179	181	194	180	187	241	232	236
3	173	169	172	181	179	180	182	175	177	277	241	256
4	171	159	166	181	179	180	176	173	173	308	277	294
5	162	158	160	181	178	180	174	170	172	291	264	276
6	161	159	160	183	180	181	177	170	172	273	257	262
7	161	157	159	185	183	184	189	177	183	261	253	258
8	159	158	158	185	185	185	212	188	200	260	255	257
9	160	158	159	187	184	186	235	212	221	278	259	268
10	163	160	161	185	173	180	277	235	254	320	278	300
11	164	161	163	178	175	176	275	244	256	327	311	319
12	163	161	162	180	177	178	267	257	263	357	327	342
13	165	163	164	182	180	181	261	204	222	363	355	358
14	171	165	168	184	182	183	229	198	211	377	357	364
15	172	168	170	184	182	183	252	228	242	390	366	378
16	187	168	176	183	180	181	273	251	262	366	326	339
17	211	187	200	180	171	173	312	272	291	365	349	357
18	210	178	185	172	165	169	314	284	301	367	361	364
19	179	174	176	183	169	176	316	304	308	366	345	359
20	178	174	177	182	177	180	343	315	328	360	345	353
21	182	177	179	178	173	175	350	311	340	369	360	365
22	188	179	183	175	169	172	320	295	313	391	368	383
23	191	180	186	173	170	171	305	280	291	399	391	394
24	187	179	182	178	172	175	313	292	301	400	397	399
25	189	180	185	179	152	167	325	312	317	403	400	401
26	181	178	179	176	163	169	324	311	316	404	375	399
27	179	178	179	175	169	172	311	274	287	383	375	380
28	181	178	179	174	169	172	291	267	279	382	323	343
29	183	179	181	182	169	174	291	264	276	330	322	327
30	184	181	182	186	180	183	282	245	257	342	327	333
31	---	---	---	190	184	187	252	234	244	---	---	---
MONTH	211	157	174	190	152	178	350	170	253	404	232	330

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
17	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
18	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
31	0.2	0.2	0.2	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1
MONTH	---	---	---	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
FEBRUARY			MARCH			APRIL			MAY			
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	---	---	---	0.1	0.1	0.1	---	---	---	0.1	0.1	0.1
MONTH	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
17	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
19	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
21	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
22	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
23	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2
25	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
26	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
27	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
31	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---
MONTH	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.9	22.9	23.5	23.4	22.2	22.8	15.0	14.1	14.5	14.4	13.5	13.8
2	23.6	21.9	23.0	23.6	22.7	23.1	15.3	14.3	14.7	15.8	14.1	15.0
3	24.1	21.8	23.1	24.4	23.0	23.6	16.0	15.2	15.5	16.6	15.4	16.0
4	25.1	23.3	24.0	24.6	23.1	24.0	16.0	15.2	15.7	17.4	14.5	16.2
5	26.5	24.5	25.3	24.8	23.9	24.4	16.0	14.9	15.3	17.5	14.3	15.9
6	27.4	25.5	26.3	25.0	23.5	24.2	14.9	12.8	13.3	16.3	13.0	14.2
7	26.5	24.4	25.3	24.8	23.9	24.3	12.8	12.6	12.7	13.0	10.0	11.5
8	25.8	24.8	25.1	23.9	22.3	22.9	13.2	12.6	12.9	11.5	10.6	11.1
9	25.6	24.9	25.2	22.6	21.9	22.3	13.7	12.2	12.9	11.6	9.9	10.8
10	25.6	24.7	25.1	22.5	21.9	22.3	13.2	11.8	12.5	10.9	10.0	10.4
11	25.2	25.0	25.1	23.1	21.7	22.3	12.8	12.0	12.3	10.8	9.8	10.4
12	25.3	24.5	24.9	23.9	21.4	22.6	12.8	12.2	12.5	11.6	10.1	10.8
13	26.3	24.6	25.4	23.7	21.7	22.6	12.6	11.2	11.8	13.0	11.4	12.0
14	26.7	25.1	25.7	22.0	20.4	21.2	12.4	11.9	12.1	13.2	11.9	12.4
15	26.1	23.9	24.4	21.6	20.7	21.1	12.4	11.6	12.0	13.7	10.9	12.5
16	24.5	23.7	24.0	21.5	20.2	20.8	12.9	11.8	12.3	13.7	12.2	13.4
17	---	---	---	21.4	20.5	20.9	12.5	10.9	11.5	12.2	9.6	10.8
18	---	---	---	21.1	20.1	20.4	11.4	11.0	11.2	13.1	9.6	11.1
19	23.7	22.5	23.0	20.1	18.2	19.0	11.3	10.8	11.1	13.9	10.9	13.1
20	24.4	22.8	23.5	18.4	17.6	18.0	11.3	10.2	10.9	13.6	11.7	12.4
21	25.0	23.4	24.1	18.5	18.1	18.3	11.0	10.2	10.7	12.3	11.7	12.1
22	24.8	24.0	24.3	19.1	18.4	18.6	10.9	9.9	10.4	12.7	11.6	12.1
23	24.7	23.7	24.1	19.2	18.5	18.9	12.7	10.1	11.2	13.4	12.0	12.6
24	25.1	23.8	24.3	18.9	16.4	17.5	12.8	11.7	12.3	13.3	11.8	12.4
25	24.6	24.1	24.3	16.4	15.2	15.9	12.4	11.6	12.0	12.3	9.0	9.9
26	24.8	24.0	24.4	16.5	16.1	16.3	12.8	10.7	11.9	11.4	9.4	10.3
27	24.4	21.6	22.5	17.4	16.4	16.8	13.3	10.4	11.8	13.1	10.0	12.2
28	22.3	21.6	22.0	17.4	14.9	16.2	14.5	10.6	12.1	12.6	11.2	11.6
29	22.4	21.4	22.0	14.9	13.9	14.3	14.4	10.9	12.1	11.5	11.0	11.3
30	22.3	21.2	21.6	14.6	14.0	14.3	14.0	13.1	13.5	11.7	11.2	11.4
31	22.9	21.5	22.2	---	---	---	13.9	13.4	13.6	12.2	11.5	11.8
MONTH	---	---	---	25.0	13.9	20.3	16.0	9.9	12.6	17.5	9.0	12.3
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	11.7	12.0	16.2	14.6	15.6	21.4	20.1	20.7	23.7	23.1	23.4
2	12.6	10.9	11.9	18.0	16.2	17.1	22.5	20.3	21.4	23.7	21.9	22.9
3	12.6	11.8	12.2	19.1	17.9	18.4	22.7	22.0	22.4	22.7	21.1	21.8
4	12.3	11.8	12.1	19.9	19.1	19.5	23.6	22.3	22.8	23.7	21.4	22.4
5	12.3	10.4	11.3	19.7	18.3	19.2	23.4	22.6	22.9	25.5	23.3	24.0
6	14.3	10.3	12.8	22.7	18.1	20.6	23.3	20.7	22.2	25.9	24.1	24.8
7	13.9	12.7	13.2	22.4	21.2	21.9	22.4	20.7	21.7	25.6	23.9	24.5
8	12.9	11.8	12.1	22.1	20.3	20.9	24.2	21.9	23.3	26.0	23.9	24.5
9	12.6	11.3	11.9	20.6	19.3	19.9	24.6	23.3	23.7	26.6	24.2	25.0
10	12.7	12.5	12.6	19.8	18.0	18.6	25.3	22.8	24.2	26.3	24.7	25.3
11	13.1	12.7	12.9	19.5	18.1	18.7	24.3	22.8	23.7	26.5	25.1	25.6
12	13.3	12.4	13.0	20.5	18.3	19.1	23.4	22.0	22.7	25.4	23.4	24.3
13	12.4	11.8	12.0	19.9	19.2	19.5	22.0	19.1	19.8	26.6	23.4	25.2
14	11.8	11.4	11.5	19.8	19.3	19.6	19.7	18.2	18.9	27.1	25.9	26.6
15	11.4	10.1	10.7	19.8	19.4	19.5	20.6	18.6	19.4	27.1	26.5	26.8
16	11.2	10.1	10.7	21.0	19.2	20.0	21.3	19.4	19.9	26.7	26.1	26.4
17	11.9	11.1	11.5	20.9	19.6	20.4	22.2	19.8	20.5	26.8	26.2	26.5
18	12.8	11.3	12.1	21.3	17.1	18.9	21.0	19.6	20.3	26.7	25.4	26.0
19	12.9	12.5	12.7	23.0	19.8	21.3	21.1	19.6	20.4	26.4	25.0	25.7
20	14.4	12.7	13.5	23.3	21.8	22.5	22.2	19.1	20.8	26.9	25.7	26.3
21	15.2	14.3	14.7	23.4	22.6	23.1	21.3	19.1	19.6	27.6	26.1	26.8
22	16.1	15.0	15.4	22.9	20.3	20.8	20.2	19.1	19.6	28.1	27.0	27.5
23	16.0	15.6	15.8	20.4	16.0	19.2	23.0	20.0	21.5	28.1	27.0	27.5
24	15.9	15.7	15.8	16.8	15.8	16.2	24.0	21.2	23.0	28.7	27.5	28.0
25	15.8	15.4	15.6	16.7	15.7	16.1	25.1	22.0	24.0	29.1	27.9	28.5
26	15.8	13.9	14.6	17.4	15.9	16.6	24.9	23.6	24.5	29.1	28.1	28.6
27	14.6	13.2	13.7	19.3	16.5	17.5	24.7	23.4	24.0	29.1	28.0	28.5
28	14.4	13.5	14.0	19.4	16.9	17.9	24.4	22.4	23.7	29.3	28.0	28.6
29	14.6	13.9	14.3	22.0	17.8	20.0	24.0	22.4	22.9	29.4	28.5	28.9
30	---	---	---	22.1	21.0	21.4	23.4	22.6	23.0	29.4	28.3	28.8
31	---	---	---	21.7	20.8	21.3	---	---	---	30.3	28.1	28.9
MONTH	16.1	10.1	13.0	23.4	14.6	19.4	25.3	18.2	21.9	30.3	21.1	26.1

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.9	29.3	29.9	30.0	28.5	29.0	31.4	30.1	30.5	31.3	28.8	29.9
2	30.2	29.4	29.7	30.6	28.8	29.3	32.2	30.2	30.8	31.3	29.7	30.4
3	29.6	28.9	29.2	30.0	28.9	29.4	32.0	30.5	31.3	30.2	29.7	29.9
4	29.9	28.5	29.1	31.6	29.5	30.4	32.3	31.1	31.8	30.0	29.0	29.5
5	29.6	28.5	29.0	31.6	30.6	30.9	33.4	31.6	32.5	30.0	29.0	29.4
6	29.8	27.8	28.6	30.9	30.5	30.7	32.8	31.1	31.9	30.3	29.1	29.7
7	29.4	28.4	28.9	30.6	30.0	30.2	31.2	29.8	30.5	30.7	29.4	29.9
8	30.0	28.9	29.3	30.1	29.5	29.7	30.9	30.1	30.5	30.2	29.0	29.6
9	30.5	29.1	29.6	29.7	28.8	29.1	31.4	30.0	30.6	30.0	29.0	29.6
10	31.0	29.6	30.0	29.1	28.3	28.7	32.5	30.4	31.4	30.3	29.0	29.7
11	31.7	30.6	31.0	30.0	28.4	29.1	32.9	31.3	31.7	30.1	29.1	29.6
12	32.2	31.0	31.4	31.8	29.2	30.2	33.0	30.4	31.7	29.8	29.0	29.3
13	32.4	30.9	31.6	31.8	30.1	30.9	30.4	27.3	28.2	29.6	28.7	29.0
14	30.9	29.8	30.4	32.4	30.8	31.5	27.8	26.0	27.1	28.9	28.5	28.7
15	30.5	29.4	29.9	32.2	30.8	31.3	28.0	25.9	27.1	28.6	28.0	28.3
16	30.0	28.3	29.4	31.6	30.9	31.1	28.8	26.1	27.4	28.3	26.9	27.7
17	30.6	28.3	29.6	31.1	30.4	30.6	29.1	26.5	27.8	30.4	27.6	28.7
18	32.7	30.1	31.4	30.8	29.6	30.0	30.0	27.4	28.3	30.7	28.3	29.4
19	32.8	31.6	32.2	30.9	29.2	30.0	29.3	28.2	28.8	30.5	28.9	29.8
20	33.0	31.0	31.9	30.7	29.5	30.2	29.7	28.9	29.2	29.5	28.7	29.0
21	33.0	31.4	32.1	30.6	29.2	29.9	30.6	29.3	30.0	28.8	27.9	28.3
22	31.8	30.5	31.2	32.4	29.8	30.8	31.3	30.1	30.6	27.9	27.1	27.5
23	31.5	30.6	31.0	32.8	31.1	31.9	31.6	30.0	30.7	27.1	26.6	26.8
24	30.8	30.3	30.6	33.3	31.3	32.3	31.4	30.1	30.7	26.6	26.4	26.5
25	30.3	28.7	29.6	32.8	31.3	32.1	31.2	30.2	30.7	27.4	26.4	26.7
26	28.7	27.8	28.0	31.3	30.5	30.9	31.2	30.4	30.7	26.9	26.2	26.5
27	29.2	27.4	28.0	32.1	30.4	31.2	31.6	30.5	30.8	26.9	26.2	26.5
28	29.3	28.5	28.8	31.9	30.5	31.2	31.4	30.1	30.4	27.3	26.0	26.5
29	29.0	28.4	28.6	31.9	30.8	31.3	30.9	30.0	30.4	27.0	25.6	26.1
30	29.2	28.3	28.6	31.8	31.2	31.4	30.7	29.4	29.7	27.2	25.8	26.3
31	---	---	---	31.5	30.5	31.0	30.1	28.4	29.1	---	---	---
MONTH	33.0	27.4	30.0	33.3	28.3	30.5	33.4	25.9	30.1	31.3	25.6	28.5

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA

LOCATION.--Lat 31° 03'55", long 91° 41'15", Concordia Parish, Hydrologic Unit 08040301, at Corps of Engineers discharge range, 1.8 mi above mouth, 5.5 mi west of Old River Control Structure, and 5.6 mi west of Knox Landing.

DRAINAGE AREA.--Indeterminate.

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

PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE.--June 1973 to current year.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 02600.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 646,000 tons Apr. 6, 1978; minimum daily 0.0 tons Nov. 18-30, 1987.

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

Date	Time	Instantaneous discharge, cfs (00061)	Suspnd. sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80154)
OCT 28...	0930	93,300	83	146	36,800
NOV 25...	1100	153,000	88	183	75,000
DEC 09...	1000	140,000	62	143	82,000
23...	1130	189,000	63	212	108,000
JAN 24...	1000	258,000	74	278	194,000
27...	1000	179,000	95	188	76,400
FEB 20...	1000	211,000	91	204	116,000
27...	1000	174,000	96	173	81,100
MAR 09...	0945	102,000	99	173	47,900
23...	0930	314,000	74	306	260,000
APR 27...	1000	197,000	86	231	123,000
MAY 18...	1000	73,000	97	200	92,900
JUN 29...	1000	190,000	99	294	151,000
AUG 17...	1100	127,000	89	144	49,400
SEP 21...	1200	123,000	89	175	57,800

SUSPENDED SEDIMENT DISCHARGE, TONS PER DAY
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41,000	28,000	147,000	94,000	63,000	42,000	108,000	173,000	101,000	149,000	38,000	43,000
2	46,000	27,000	182,000	95,000	61,000	36,000	103,000	170,000	111,000	142,000	37,000	47,000
3	52,000	26,000	207,000	94,000	60,000	33,000	101,000	158,000	103,000	131,000	43,000	51,000
4	56,000	31,000	214,000	96,000	54,000	33,000	108,000	134,000	97,000	130,000	52,000	53,000
5	56,000	32,000	218,000	97,000	50,000	34,000	114,000	131,000	121,000	129,000	54,000	60,000
6	56,000	33,000	237,000	114,000	44,000	41,000	115,000	119,000	126,000	126,000	51,000	66,000
7	53,000	34,000	244,000	121,000	38,000	43,000	118,000	108,000	134,000	140,000	50,000	70,000
8	49,000	36,000	246,000	127,000	40,000	44,000	124,000	107,000	142,000	130,000	53,000	73,000
9	49,000	37,000	223,000	131,000	39,000	48,000	127,000	109,000	157,000	125,000	53,000	76,000
10	46,000	39,000	197,000	132,000	33,000	52,000	132,000	116,000	173,000	124,000	58,000	78,000
11	45,000	39,000	179,000	133,000	37,000	64,000	133,000	128,000	181,000	123,000	65,000	63,000
12	43,000	38,000	173,000	136,000	38,000	79,000	136,000	138,000	186,000	114,000	65,000	60,000
13	42,000	33,000	170,000	143,000	47,000	99,000	138,000	130,000	194,000	114,000	60,000	56,000
14	41,000	32,000	156,000	164,000	55,000	106,000	152,000	94,000	199,000	109,000	50,000	51,000
15	42,000	33,000	146,000	165,000	59,000	124,000	176,000	82,000	224,000	94,000	49,000	46,000
16	44,000	33,000	112,000	172,000	69,000	157,000	204,000	79,000	231,000	78,000	48,000	43,000
17	41,000	37,000	100,000	177,000	94,000	189,000	198,000	87,000	222,000	60,000	49,000	46,000
18	34,000	34,000	97,000	180,000	100,000	192,000	167,000	93,000	213,000	57,000	47,000	43,000
19	32,000	32,000	102,000	185,000	104,000	218,000	156,000	78,000	184,000	56,000	43,000	45,000
20	31,000	32,000	115,000	190,000	116,000	208,000	117,000	72,000	195,000	54,000	38,000	50,000
21	33,000	38,000	115,000	198,000	126,000	214,000	95,000	68,000	193,000	54,000	37,000	58,000
22	32,000	49,000	113,000	197,000	127,000	246,000	91,000	62,000	179,000	55,000	34,000	61,000
23	28,000	53,000	108,000	197,000	128,000	239,000	91,000	63,000	160,000	54,000	33,000	68,000
24	31,000	59,000	104,000	193,000	117,000	259,000	85,000	64,000	152,000	56,000	29,000	69,000
25	32,000	76,000	99,000	166,000	117,000	245,000	92,000	67,000	149,000	53,000	21,000	62,000
26	33,000	105,000	101,000	135,000	89,000	195,000	112,000	74,000	126,000	53,000	20,000	60,000
27	35,000	126,000	104,000	76,000	81,000	178,000	123,000	84,000	132,000	50,000	26,000	59,000
28	36,000	121,000	103,000	72,000	63,000	165,000	149,000	81,000	137,000	47,000	28,000	66,000
29	37,000	129,000	103,000	73,000	52,000	168,000	181,000	81,000	151,000	48,000	29,000	73,000
30	35,000	135,000	106,000	76,000	---	150,000	167,000	83,000	149,000	47,000	30,000	76,000
31	32,000	---	101,000	66,000	---	127,000	---	85,000	---	38,000	33,000	---
TOTAL	1,263,000	1,557,000	4,622,000	4,175,000	2,101,000	4,048,000	3,907,000	3,119,000	4,841,000	2,740,000	1,322,000	1,772,000
MEAN	40,700	51,900	149,000	135,000	72,400	131,000	130,000	101,000	161,000	88,400	42,600	59,100
MAX	56,000	135,000	246,000	198,000	128,000	259,000	204,000	173,000	231,000	149,000	65,000	78,000
MIN	28,000	26,000	97,000	66,000	52,000	85,000	85,000	62,000	97,000	38,000	20,000	43,000
MED	41,000	36,500	113,000	133,000	61,000	127,000	124,000	87,000	154,000	78,000	43,000	60,000

Results were revised 2/20/13
Please refer to USGS Scientific Investigations Report 2013-5174
<https://doi.org/10.3133/sir2013-5174>
Please direct inquiries to
gs-w-lmg_mssediment@usgs.gov

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

WATER-QUALITY RECORDS

LOCATION.--Lat 30° 58' 57", long 91° 47' 54" in NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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 TEMPERATURE: 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 TEMPERATURE: 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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspended sediment, sieve diameter percent <0.063mm (70331)	Suspended sediment concentration, mg/L (90154)	Suspended sediment discharge, tons/d (80155)
OCT					
08...	0930	125,000	99	102	34,500
NOV					
05...	1000	88,400	99	91	21,600
DEC					
02...	1000	271,000	79	308	225,000
06...	1000	204,000	85	188	163,000
JAN					
07...	1000	220,000	77	179	107,000
13...	1000	242,000	75	214	140,000
FEB					
10...	0930	23,000	84	322	202,000
18...	1000	347,000	58	323	302,000
MAR					
01...	0930	243,000	75	201	132,000
24...	0900	375,000	68	235	281,000
APR					
07...	1000	239,000	81	170	110,000
28...	1100	247,000	85	227	151,000
MAY					
22...	1000	225,000	89	152	88,100
JUN					
08...	1000	309,000	89	322	268,000
30...	1200	368,000	79	274	272,000
JUL					
13...	1100	147,000	85	173	148,000
AUG					
11...	0930	161,000	95	167	72,600
SEP					
08...	1100	158,000	97	177	75,200

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA—Continued

SUSPENDED SEDIMENT DISCHARGE, TONS PER DAY
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16,000	21,000	178,000	101,000	215,000	153,000	127,000	215,000	110,000	274,000	59,000	41,000
2	18,000	19,000	204,000	102,000	196,000	137,000	119,000	224,000	134,000	271,000	57,000	44,000
3	22,000	19,000	225,000	97,000	190,000	135,000	110,000	231,000	163,000	257,000	58,000	48,000
4	22,000	20,000	225,000	95,000	179,000	134,000	108,000	222,000	178,000	252,000	63,000	55,000
5	24,000	22,000	213,000	97,000	167,000	131,000	112,000	214,000	205,000	244,000	64,000	59,000
6	25,000	24,000	223,000	102,000	196,000	131,000	111,000	197,000	234,000	231,000	64,000	63,000
7	25,000	25,000	216,000	107,000	207,000	132,000	110,000	173,000	250,000	232,000	58,000	69,000
8	23,000	24,000	208,000	108,000	208,000	131,000	114,000	166,000	268,000	221,000	60,000	75,000
9	24,000	27,000	183,000	116,000	211,000	131,000	118,000	165,000	284,000	205,000	66,000	72,000
10	23,000	29,000	171,000	126,000	202,000	132,000	121,000	168,000	293,000	192,000	68,000	75,000
11	24,000	31,000	154,000	136,000	213,000	141,000	121,000	176,000	295,000	184,000	73,000	67,000
12	23,000	32,000	145,000	138,000	241,000	152,000	126,000	166,000	300,000	171,000	73,000	60,000
13	23,000	31,000	138,000	140,000	266,000	177,000	126,000	186,000	300,000	148,000	80,000	54,000
14	22,000	28,000	136,000	171,000	282,000	195,000	135,000	170,000	293,000	143,000	63,000	48,000
15	22,000	28,000	123,000	176,000	290,000	212,000	158,000	169,000	307,000	132,000	58,000	43,000
16	22,000	30,000	103,000	184,000	291,000	232,000	180,000	166,000	317,000	121,000	61,000	38,000
17	24,000	39,000	90,000	197,000	303,000	261,000	188,000	156,000	325,000	110,000	59,000	40,000
18	20,000	45,000	84,000	220,000	302,000	251,000	160,000	170,000	317,000	104,000	57,000	35,000
19	19,000	52,000	85,000	234,000	304,000	267,000	138,000	155,000	305,000	100,000	52,000	34,000
20	16,000	50,000	95,000	244,000	311,000	258,000	125,000	142,000	305,000	95,000	44,000	39,000
21	19,000	51,000	97,000	245,000	315,000	258,000	107,000	160,000	293,000	92,000	46,000	46,000
22	19,000	60,000	99,000	250,000	315,000	252,000	100,000	116,000	287,000	91,000	44,000	49,000
23	16,000	68,000	100,000	247,000	308,000	239,000	98,000	105,000	261,000	86,000	40,000	55,000
24	18,000	81,000	104,000	252,000	290,000	280,000	92,000	99,000	253,000	86,000	40,000	64,000
25	19,000	97,000	98,000	268,000	292,000	262,000	92,000	94,000	256,000	81,000	35,000	57,000
26	22,000	123,000	99,000	309,000	243,000	212,000	113,000	88,000	245,000	81,000	29,000	57,000
27	20,000	151,000	94,000	270,000	235,000	196,000	126,000	92,000	247,000	76,000	30,000	57,000
28	22,000	169,000	95,000	224,000	198,000	177,000	151,000	89,000	249,000	70,000	34,000	63,000
29	25,000	173,000	97,000	220,000	174,000	169,000	100,000	91,000	268,000	72,000	31,000	74,000
30	25,000	171,000	110,000	223,000	---	160,000	208,000	93,000	273,000	49,000	35,000	81,000
31	24,000	---	111,000	223,000	---	151,000	---	92,000	---	62,000	32,000	---
MEAN	21,500	58,000	139,000	181,000	246,000	191,000	130,000	152,000	260,000	147,000	52,700	55,400
MAX	25,000	173,000	225,000	309,000	315,000	289,000	208,000	231,000	325,000	274,000	80,000	81,000
MIN	16,000	19,000	84,000	95,000	167,000	131,000	92,000	88,000	140,000	62,000	29,000	34,000

Results were revised 2019
Please refer to USGS Scientific Investigations Report 2018-5141
<https://doi.org/10.3133/sir2018-5141>
Please direct inquiries to
gs-w-lmg_mssediment@usgs.gov

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30° 41' 26", long 91° 44' 10", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ 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.--Indeterminate.

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1979 to September 1981.

WATER TEMPERATURES: May 1979 to September 1981.

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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unflab, Hach 2100AN NTU (99872)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfl uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)
OCT 28...	1100	91,700	5.7	7.4	7.4	426	19.6	150	40.0	12.9	3.40	27.2	121
DEC 10...	1100	247,000	100	10.1	7.8	311	9.7	130	33.9	10.4	3.36	13.9	87
JAN 14...	1030	249,000	59	11.4	8.0	370	6.7	140	38.2	11.4	2.75	15.9	98
JAN 28...	1030	264,000	26	10.8	7.9	328	7.6	110	31.3	8.65	3.00	20.0	83
FEB 18...	1030	359,000	110	12.1	7.8	218	5.6	82	22.7	6.08	2.32	11.6	57
MAR 03...	1030	243,000	68	9.5	7.5	208	10.7	66	17.6	5.20	2.52	14.2	49
MAR 17...	1030	357,000	120	8.1	7.7	325	12.1	110	27.7	8.76	2.83	18.9	77
MAR 31...	1030	269,000	54	8.6	7.7	292	15.1	110	29.1	8.49	2.72	15.2	78
MAY 05...	1100	306,000	62	10.9	7.7	307	19.3	100	27.7	7.53	2.54	17.5	75
MAY 17...	1030	289,000	98	6.6	7.5	231	22.2	85	23.8	6.28	2.60	11.7	67
JUN 07...	1030	301,000	91	6.0	7.7	309	25.2	120	31.7	10.2	3.19	16.5	93
JUN 21...	1000	354,000	77	5.6	7.2	298	27.1	110	31.0	8.53	3.29	12.6	82
JUL 19...	1030	230,000	48	5.2	7.4	275	29.4	97	26.6	7.34	2.91	13.0	72
AUG 16...	1000	146,000	30	8.3	8.2	414	27.1	150	39.2	12.6	3.24	21.9	105
SEP 13...	1100	136,000	110	7.6	7.9	354	27.0	130	34.4	10.8	3.84	18.6	96

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA—Continued

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

Date	Chloride, water, ftrd, mg/L (00940)	Fluoride, water, ftrd, mg/L (00950)	Silica, water, ftrd, mg/L (00955)	Sulfate water, ftrd, mg/L (00945)	Residue water, ftrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat ftrd mg/L (70300)	Ammonia + org-N, water, ftrd, mg/L as N (00623)	Ammonia + org-N, water, unftrd mg/L as N (00625)	Ammonia water, ftrd, mg/L as N (00608)	Nitrite + nitrate water ftrd, mg/L as N (00631)	Nitrite water, ftrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, ftrd, mg/L as P (00671)
OCT 28...	28.2	.2	5.19	49.3	229	253	.25	.38	<.04	.57	E.006n	.18	.056
DEC 10...	16.1	<.2	7.34	36.9	179	185	.27	.62	<.04	1.15	E.006n	.43	.054
JAN 14...	20.9	<.2	6.70	40.4	201	216	.31	.65	<.04	1.44	.010	.21	.050
28...	25.7	<.2	6.14	34.9	183	197	.35	1.2	E.03n	.99	E.006n	.29	.038
FEB 18...	14.0	<.2	5.27	23.2	122	138	.31	.79	.04	.59	E.004n	.37	.032
MAR 03...	14.7	<.2	5.74	21.0	112	134	.42	.75	.04	.45	.011	.25	.028
17...	25.3	<.2	5.87	31.6	173	195	.36	.87	<.04	1.15	.022	.46	.047
31...	20.2	<.2	5.74	27.7	162	176	.34	.70	<.04	1.21	.025	.26	.038
MAY 05...	22.6	<.2	4.13	32.0	163	183	.27	.62	<.04	.83	E.006n	.36	.039
17...	14.3	<.2	5.82	21.6	131	147	.35	.76	<.04	.97	.013	.38	.047
JUN 07...	20.2	<.2	5.70	34.7	186	163	.35	.89	<.04	1.88	<.008	.63	.066
21...	15.9	<.2	6.90	22.5	158	174	.28	.70	<.04	1.86	<.008	.36	.068
JUL 19...	16.4	<.2	7.32	23.2	145	160	.41	.69	<.04	1.02	E.007n	.26	.068
AUG 16...	29.1	.2	4.62	45.2	223	237	.26	.59	<.04	1.00	<.008	.20	.060
SEP 13...	20.6	.2	6.75	38.7	196	211	.24	.68	<.04	.83	<.008	.61	.092

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

Date	Phosphorus, water, ftrd, mg/L (00666)	Phosphorus, water, unftrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, ftrd, mg/L (00681)	BOD, water, unftrd 5 day, 20 degC mg/L (00310)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Fecal streptococci KF MF, col/ 100 mL (31673)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Aluminum, water, ftrd, ug/L (01106)	Antimony, water, ftrd, ug/L (01095)	Arsenic water, ftrd, ug/L (01000)
OCT 28...	.067	.130	1.1	<.1	1.1	3.2	1.4	24k	6k	7.3	3	.21	1.5
DEC 10...	.064	.28	4.4	.2	4.2	3.7	--	250	87	2.3	--	--	.9
JAN 14...	.065	.21oc	1.8	<.1	1.8	3.4	--	220	67	1.8	--	--	.8
28...	.049	.25oc	2.0	<.1	1.9	4.8	2.7	540	545	E3.5	--	--	.8
FEB 18...	.041	.28oc	2.7	<.1	2.7	4.6	--	140	191	2.2	--	--	.7
MAR 03...	.038	.20*oc	1.9	.2	1.8	3.2	1.0	40k	105	2.8	10	<.20	.7
17...	.058	.33oc	4.2	<.1	4.1	5.4	--	130	46k	5.1	--	--	.9
31...	.053	.183	2.2	<.1	2.2	5.5	2.0	29k	8k	2.2	--	--	.9
MAY 05...	.051	.191	2.6	<.1	2.6	4.6	.5	72	19k	7.1	8	E.11n	.9
17...	.061	.24oc	2.6	<.1	2.6	5.7	1.1	250k	248	3.9	--	--	1.1
JUN 07...	.084	.34oc	5.5	<.1	5.5	5.2	1.7	190	70	3.7	--	--	1.3
21...	.084	.23oc	3.0	<.1	2.9	5.6	.7	100	26k	5.5	4	E.15n	1.5
JUL 19...	.087	.20oc	2.4	<.1	2.3	7.6	2.9	76	18k	2.4	7	E.15n	1.8
AUG 16...	.077	.150	2.1	<.1	2.1	3.4	2.0	48k	90	10.3	--	--	1.6
SEP 13...	.101	.24oc	3.9	.1	3.7	3.5	--	45k	27k	5.2	4	.21	1.7

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA—Continued

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

Date	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
OCT 28...	59	<.06	54	<.04	<.8	.173	2.1	<6	<.08	7.7	.3	2.4	2.79
DEC 10...	--	--	38	--	--	--	--	9	--	3.7	--	--	--
JAN 14...	--	--	37	--	--	--	--	12	--	4.1	--	--	--
28...	--	--	41	--	--	--	--	22	--	3.8	--	--	--
FEB 18...	--	--	25	--	--	--	--	34	--	2.5	--	--	--
MAR 03...	38	<.06	25	<.04	<.8	.142	1.6	57	E.06n	2.5	20.6	.6	1.57
17...	--	--	31	--	--	--	--	26	--	3.8	--	--	--
31...	--	--	34	--	--	--	--	36	--	2.9	--	--	--
MAY 05...	49	<.06	36	<.04	<.8	.167	1.8	24	E.04n	3.7	1.2	.9	2.05
17...	--	--	28	--	--	--	--	47	--	2.9	--	--	--
JUN 07...	--	--	36	--	--	--	--	28	--	4.2	--	--	--
21...	53	<.06	35	<.04	<.8	.145	2.0	22	E.04n	3.6	.9	1.2	1.76
JUL 19...	48	<.06	31	<.04	<.8	.161	1.7	60	E.04n	3.1	2.0	1.2	2.06
AUG 16...	--	--	48	--	--	--	--	E5n	--	5.4	--	--	--
SEP 13...	55	<.06	53	<.04	<.8	.145	2.3	54	<.08	6.1	4.2	2.3	1.30

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

Date	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)
OCT 28...	.5	<.2	226	1.5	E.6n	<.006	E.009	.007	<.005	<.005	.116	<.050	<.010
DEC 10...	E.3n	--	148	1.1	--	<.006	E.009	.009	.006	<.005	.088	<.050	<.010
JAN 14...	.5	--	165	.8	--	<.006	E.025	.030	<.005	<.005	.111	<.050	<.010
28...	E.3n	--	155	.9	--	<.006	E.021	.010	<.005	<.005	.082	<.050	<.010
FEB 18...	E.3n	--	102	2.2	--	<.006	E.012	.009	<.005	<.005	.077	<.050	<.010
MAR 03...	E.2n	<.2	96.9	1.4	1.5	<.006	E.009	<.010	<.005	<.005	.067	<.050	<.010
17...	E.4n	--	141	1.3	--	<.006	E.017	.021	.006	<.005	.203	<.050	<.010
31...	.5	--	133	1.5	--	<.006	E.021	.014	<.005	<.005	.183	<.050	<.010
MAY 05...	E.3n	<.2	155	1.0	.8	<.006	E.066	.063	.019	<.005	1.88	<.050	<.010
17...	<.4	--	104	1.4	--	<.006	E.110	.064	.011	<.005	2.27	<.050	<.010
JUN 07...	.4	--	152	1.8	--	<.006	E.140	.173	.018	<.005	.481	<.050	<.010
21...	.5	<.2	120	2.1	2.9	<.006	E.119	.160	.012	<.005	.490	<.050	<.010
JUL 19...	.6	<.2	121	1.8	1.9	<.006	E.049	.032	<.007	<.005	.433	<.050	<.010
AUG 16...	.5	--	199	2.0	--	<.006	E.049	.023	<.010	<.005	.375	<.050	<.010
SEP 13...	E.3n	<.2	142	2.4	.7	<.006	E.038	.017	<.005	<.005	.178	<.050	<.010

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA—Continued

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

Date	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)
OCT 28...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
DEC 10...	<.004	E.006t	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
JAN 14...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
28...	<.004	E.022n	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
FEB 18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
MAR 03...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
17...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
31...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
MAY 05...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
17...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
JUN 07...	<.004	<.041	<.020	E.004n	<.006	E.010n	<.003	E.003t	E.003n	<.009	<.02	<.004	<.009
21...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	E.002t	<.005	<.009	<.02	<.004	<.009
JUL 19...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	E.002t	<.005	<.009	<.02	<.004	<.009
AUG 16...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009
SEP 13...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009

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

Date	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)
OCT 28...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	E.009t	<.015	.023	<.006	<.003
DEC 10...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.025	.007	<.003
JAN 14...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.029	.008	<.003
28...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.020	<.006	<.003
FEB 18...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.015	<.006	<.003
MAR 03...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	E.012*n	<.006	<.003
17...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.043	.006	<.003
31...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.067	<.006	<.003
MAY 05...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.218	<.006	<.003
17...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.327	.011	<.003
JUN 07...	<.005	<.029	<.013	E.003t	E.007t	<.003	<.004	<.035	E.013t	<.015	.497	.010	<.003
21...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	E.024n	<.015	.418	.007	<.003
JUL 19...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.148	<.006	<.003
AUG 16...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	<.027	<.015	.061	<.006	<.003
SEP 13...	<.005	<.029	<.013	<.024	<.016	<.003	<.004	<.035	E.010t	<.015	.054	<.006	<.003

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA—Continued

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

Date	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)
OCT 28...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.016	<.02
DEC 10...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.220	<.02
JAN 14...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.185	<.02
28...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.126	<.02
FEB 18...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.05	.040	<.02
MAR 03...	<.007	<.003	<.010	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	.032	M*t
17...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.095	E.01t
31...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.067	E.01t
MAY 05...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.164	<.02
17...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.164	<.02
JUN 07...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.047	E.01t
21...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.051	E.01t
JUL 19...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.025	E.01t
AUG 16...	<.007	<.003	<.010	<.004	<.022	<.011	.02	<.004	<.025	<.011	<.02	.034	<.02
SEP 13...	<.007	<.003	<.010	<.004	<.022	<.011	.01	<.004	<.025	<.011	<.02	.021	<.02

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

Date	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water, fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Sus- pended sediment concentration mg/L (80154)	Sus- pended sediment dis- charge, tons/d (80155)
OCT 28...	<.034	<.02	<.010	<.002	<.009	.97	85	44	10,900
DEC 10...	<.034	<.02	<.010	<.002	<.009	--	80	197	131,000
JAN 14...	<.034	<.02	<.010	<.002	<.009	--	96	502	337,000
28...	<.034	<.02	<.010	<.002	<.009	--	91	968	690,000
FEB 18...	<.034	<.02	<.010	<.002	<.009	--	57	251	243,000
MAR 03...	<.034	<.02	<.010	<.002	<.009	.25	84	165	108,000
17...	<.034	<.02	<.010	<.002	<.009	--	76	298	287,000
31...	<.034	<.02	<.010	<.002	<.009	--	73	145	105,000
MAY 05...	<.034	<.02	<.010	<.002	<.009	.48	71	129	107,000
17...	<.034	<.02	<.010	<.002	<.009	--	83	186	145,000
JUN 07...	<.034	<.02	<.010	<.002	<.009	--	90	249	202,000
21...	<.034	<.02	<.010	<.002	<.009	.55	79	160	153,000
JUL 19...	<.034	<.02	<.010	<.002	<.009	.60	90	105	65,200
AUG 16...	<.034	<.02	<.010	<.002	<.009	--	97	53	20,900
SEP 13...	<.034	<.02	<.010	<.002	<.009	.74	99	144	52,900

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

Value qualifier codes used in this table:

* -- Sample was warm when received

c -- See laboratory comment

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

t -- Below the long-term MDL

07381515 ATCHAFALAYA RIVER AT BUTTE LA ROSE, LA

LOCATION.--Lat 30° 16'53", long 91° 41'12", in sec. 7, T. 9 S., R. 7 E., St. Martin Parish, Hydrologic Unit 08080101, on right bank in Butte La Rose.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 29, 1928 to Nov. 20, 1996, station maintained by U.S. Army Corps of Engineers, New Orleans District; Nov. 21, 1996 to current year.

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

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 27.28 ft, May 23, 1973, minimum recorded gage height, 0.33 ft, Oct 17, 1976 (from U.S. Army Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.10 ft, July 1; minimum gage height, 2.60 ft, Nov. 8.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.69	3.19	8.94	8.32	10.91	11.72	11.33	11.75	9.59	15.03	6.04	3.65
2	3.83	3.06	9.52	8.26	10.46	11.15	10.81	12.12	10.38	15.03	5.82	3.75
3	4.22	2.85	10.05	8.13	10.28	10.90	10.30	12.41	10.97	14.99	5.71	4.03
4	4.39	2.91	10.32	8.09	9.79	10.87	10.10	12.42	11.26	14.96	5.71	4.32
5	4.51	2.94	10.35	8.17	9.58	10.78	10.09	12.35	11.83	14.88	5.71	4.59
6	4.54	3.13	10.59	8.22	9.98	10.71	10.07	12.08	12.36	14.83	5.63	4.75
7	4.47	2.96	10.68	8.39	10.12	10.62	10.04	11.59	12.65	14.89	5.27	4.92
8	4.34	2.90	10.66	8.55	10.00	10.55	10.07	11.40	12.86	14.77	5.25	5.02
9	4.35	3.06	10.36	8.83	9.98	10.51	10.11	11.43	13.21	14.67	5.35	5.14
10	4.53	3.24	10.11	9.02	9.86	10.54	10.13	11.57	13.47	14.56	5.52	5.33
11	4.27	3.50	9.72	9.25	10.25	10.83	10.14	11.81	13.65	14.45	5.68	5.04
12	3.98	3.57	9.57	9.31	10.89	11.20	10.21	12.37	13.76	14.21	5.98	4.84
13	3.98	3.38	9.51	9.39	11.57	11.80	10.15	13.04	13.77	13.88	6.01	4.68
14	3.93	3.07	9.34	9.76	12.21	12.27	10.32	12.98	13.86	13.49	5.23	4.51
15	3.61	3.37	9.08	9.96	12.66	12.66	10.96	13.01	14.07	12.89	4.85	4.28
16	3.81	3.50	8.53	10.11	12.97	13.49	11.62	12.98	14.29	12.21	4.85	4.14
17	3.77	3.89	7.70	10.47	13.40	13.75	11.86	12.82	14.44	11.45	4.79	4.31
18	3.17	4.58	7.37	10.94	13.72	13.75	11.32	13.08	14.46	10.98	4.71	3.94
19	3.07	4.25	7.28	11.19	13.91	13.94	10.49	12.80	14.38	10.54	4.52	3.79
20	3.14	3.97	7.57	11.36	14.16	13.94	9.87	12.43	14.40	10.04	4.22	4.20
21	3.18	4.22	7.80	11.51	14.32	14.04	9.12	11.97	14.39	9.67	4.15	4.68
22	3.03	4.52	7.94	11.60	14.37	14.35	8.63	11.40	14.35	9.35	4.06	5.03
23	2.85	5.12	8.02	11.56	14.47	14.48	8.31	10.85	14.22	8.92	3.86	5.42
24	3.05	5.34	8.09	11.64	14.38	14.49	7.97	10.48	14.14	8.63	3.84	5.93
25	3.21	5.99	7.96	11.93	14.42	14.32	7.92	10.19	14.34	8.26	3.60	5.71
26	3.26	7.10	7.79	12.32	13.98	13.79	8.46	9.86	14.29	8.21	3.29	5.49
27	2.90	8.26	7.69	11.90	13.53	13.42	8.82	9.77	14.27	7.81	3.25	5.46
28	3.23	8.73	7.76	11.35	12.97	12.94	9.33	9.47	14.42	7.17	3.35	5.72
29	3.55	8.73	7.98	11.14	12.38	12.70	10.38	9.24	14.69	7.43	3.27	6.15
30	3.78	8.77	8.30	11.22	---	12.73	11.24	9.16	14.89	7.51	3.38	6.66
31	3.38	---	8.50	11.15	---	12.15	---	9.07	---	6.50	3.30	---
MAX	4.54	8.77	10.68	12.32	14.47	14.49	11.86	13.08	14.89	15.03	6.04	6.66
MIN	2.85	2.85	7.28	8.09	9.58	10.51	7.92	9.07	9.59	6.50	3.25	3.65

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.

PERIOD OF RECORD.--July 1993 to current year.

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

REMARKS.--Below recordable stage Oct. 1-Nov. 25, Sept. 11-23, 27.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.42 ft, Mar. 28-29, 1997, minimum recorded gage height, 5.66 ft, Nov. 30, Dec. 1, 26, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.79 ft, July 2; minimum recorded gage height, 5.82 ft, Sept. 23, 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			8.32	8.01	9.95	10.84	10.59	10.29	8.95	12.67	---	---
2			8.66	7.95	9.71	10.45	10.22	10.55	9.36	12.74	---	---
3			9.03	7.87	9.56	10.20	9.84	10.71	9.73	12.77	---	---
4			9.23	7.82	9.27	10.09	9.62	10.76	9.92	12.76	---	---
5			9.29	7.87	9.13	10.02	9.52	10.76	10.22	12.74	---	---
6			9.42	7.85	9.31	9.93	9.47	10.66	10.55	12.71	---	---
7			9.51	7.96	9.33	9.82	9.46	10.44	10.76	12.72	---	---
8			9.55	8.11	9.25	9.73	9.41	10.30	10.93	12.69	---	---
9			9.43	8.30	9.21	9.66	9.40	10.27	11.15	12.66	---	---
10			9.31	8.38	9.16	9.64	9.40	10.32	11.35	12.61	---	---
11			9.08	8.55	9.37	9.76	9.43	10.44	11.51	12.52	---	---
12			8.99	8.61	9.71	9.94	9.45	10.73	11.64	12.38	---	---
13			8.97	8.66	10.05	10.24	9.39	11.20	11.72	12.18	---	---
14			8.83	8.88	10.42	10.53	9.45	11.36	11.82	11.95	---	---
15			8.67	9.05	---	10.79	9.77	11.40	11.97	11.61	---	---
16			8.33	9.16	---	11.24	10.13	11.39	12.13	11.21	---	---
17			7.68	9.42	---	11.53	10.33	11.33	12.26	10.75	---	---
18			7.37	9.73	---	11.63	10.16	11.42	12.31	10.46	---	---
19			7.23	9.90	---	11.79	9.77	11.31	12.31	10.11	---	---
20			7.39	10.0	---	11.86	9.40	11.12	12.33	9.71	---	---
21			7.57	10.11	---	11.94	8.95	10.87	12.33	---	---	---
22			7.69	10.18	---	12.11	8.60	10.55	12.33	---	---	---
23			7.76	10.18	---	12.25	8.32	10.20	12.29	---	---	---
24			7.79	10.23	---	12.33	8.04	9.92	12.26	---	---	6.25
25			7.73	10.41	---	12.32	7.97	9.68	12.40	---	---	6.10
26		7.02	7.64	10.64	---	12.12	8.27	9.43	12.43	---	---	5.87
27		7.84	7.56	10.50	11.89	11.91	8.46	9.29	12.38	---	---	---
28		8.18	7.59	10.22	11.58	11.62	8.75	9.07	12.38	---	---	5.96
29		8.18	7.78	10.09	11.23	11.42	9.34	8.89	12.47	---	---	6.24
30		8.24	7.96	10.12	---	11.34	9.91	8.81	12.56	---	---	6.65
31		---	8.11	10.07	---	11.06	---	8.74	---	---	---	---
MAX			9.55	10.64	---	12.33	10.59	11.42	12.56	---	---	---
MIN			7.23	7.82	---	9.64	7.97	8.74	8.95	---	---	---

0738153844 BAYOU GRAVENBURG 11.7 MILES EAST OF LOREAUVILLE, LA

LOCATION.--Lat 30° 01'58", long 91° 33'09", in sec. 4, T. 12 S., R 9 E., Iberia Parish, Hydrologic Unit 08080101, on a three-pile platform attached to a cypress tree, 11.7 miles east of Loreauville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.69 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.86 ft, Apr. 5, 1997, minimum recorded gage height, 1.98 ft, Sept. 28, 29, 30, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.71 ft, July 8; minimum gage height, 2.22 ft, Nov. 18.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.02	---	4.59	5.30	7.14	8.22	8.00	6.63	6.20	9.51	5.13	2.70
2	2.95	---	4.76	5.32	7.07	7.92	7.70	6.98	6.26	9.62	5.02	2.65
3	2.88	---	4.96	5.31	6.94	7.63	7.40	7.19	6.43	9.68	4.90	2.61
4	2.85	---	5.20	5.29	6.83	7.43	7.14	7.36	6.59	9.69	4.77	2.63
5	2.83	---	5.44	5.29	6.73	7.32	6.93	7.48	6.76	9.69	4.66	2.72
6	2.82	---	5.66	5.27	6.72	7.23	6.80	7.54	7.00	9.67	4.56	2.79
7	2.81	---	5.88	5.25	6.64	7.12	6.79	7.51	7.23	9.66	4.44	2.83
8	2.79	---	6.08	5.31	6.58	7.01	6.69	7.42	7.45	9.67	4.31	2.88
9	2.78	---	6.23	5.41	6.52	6.91	6.62	7.34	7.66	9.66	4.20	2.90
10	3.08	---	6.32	5.46	6.54	6.84	6.58	7.30	7.88	9.62	4.10	2.98
11	3.16	---	6.34	5.51	6.61	6.81	6.61	7.32	8.10	9.55	4.01	3.02
12	3.13	---	6.31	5.57	6.69	6.82	6.60	7.45	8.28	9.43	3.95	2.99
13	3.09	---	6.31	5.64	6.77	6.90	6.57	7.92	8.44	9.27	3.91	2.98
14	3.05	---	6.25	5.72	6.92	7.05	6.53	8.20	8.56	9.09	3.85	2.94
15	3.00	---	6.16	5.82	7.12	7.27	6.55	8.33	8.69	8.86	3.76	2.87
16	2.95	---	6.06	5.93	7.34	7.51	6.65	8.34	8.84	8.58	3.66	2.78
17	2.90	---	5.91	6.06	7.58	7.89	6.83	8.36	9.03	8.26	3.57	2.80
18	2.85	2.33	5.74	6.25	7.84	8.17	6.97	8.37	9.13	8.10	3.49	2.73
19	2.78	2.45	5.57	6.43	8.09	8.37	6.98	8.33	9.18	7.79	3.42	2.60
20	2.72	2.45	5.44	6.58	8.32	8.53	6.86	8.23	9.19	7.44	3.39	2.56
21	2.65	2.44	5.33	6.72	8.52	8.63	6.67	8.08	9.20	7.14	3.33	2.67
22	2.58	2.46	5.26	6.85	8.69	8.74	6.44	7.88	9.22	6.87	3.26	2.81
23	2.51	2.53	5.24	6.95	8.97	8.90	6.23	7.64	9.24	6.63	3.18	2.96
24	2.44	2.72	5.23	7.03	9.13	9.05	6.04	7.39	9.24	6.40	3.11	3.12
25	2.39	2.85	5.22	7.11	9.20	9.14	5.94	7.17	9.38	6.19	3.05	3.22
26	2.35	3.03	5.19	7.23	9.12	9.12	5.95	6.96	9.45	6.02	2.99	3.26
27	2.30	3.53	5.15	7.34	8.95	8.98	5.84	6.78	9.38	5.85	2.92	3.26
28	2.26	3.96	5.10	7.32	8.75	8.79	5.82	6.63	9.31	5.68	2.84	3.27
29	---	4.22	5.17	7.25	8.51	8.59	5.90	6.47	9.33	5.50	2.80	3.31
30	2.31	4.42	5.23	7.24	---	8.42	6.23	6.34	9.40	5.40	2.85	3.39
31	2.30	---	5.26	7.20	---	8.28	---	6.25	---	5.27	2.77	---
MAX	---	---	6.34	7.34	9.20	9.14	8.00	8.37	9.45	9.69	5.13	3.39
MIN	---	---	4.59	5.25	6.52	6.81	5.82	6.25	6.20	5.27	2.77	2.56

073815450 CHICOT PASS NEAR MYETTE POINT, LA

LOCATION.--Lat 29° 53'33", long 91° 26'44", T. 13 S., R. 10 E., St. Mary Parish, Hydrologic Unit 08080101, on right water's edge near Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1963 to March 1997, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.28 ft below NGVD of 1929 (from levels provided by U.S. Army Corps of Engineers, May 1, 1996).

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height (U.S. Army Corps of Engineers), 17.80 ft, May 24, 1973, minimum recorded gage height (U.S. Army Corps of Engineers), 0.06 ft, undetermined date in 1976.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.20 ft, July 2, 3; minimum gage height, 1.45 ft, Oct. 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.49	2.33	---	5.08	6.58	7.27	7.05	7.06	5.92	9.13	3.94	2.37
2	2.58	2.29	---	5.02	6.38	6.92	6.74	7.24	6.28	9.17	3.74	2.47
3	2.92	2.09	5.95	4.95	6.18	6.69	6.41	7.37	6.59	9.16	3.60	2.65
4	3.04	2.12	6.01	4.93	5.95	6.66	6.24	7.43	6.70	9.15	3.58	2.86
5	3.08	2.09	6.01	4.92	5.94	6.67	6.16	7.43	6.93	9.10	3.55	3.05
6	3.06	2.23	6.09	4.79	6.02	6.57	6.20	7.31	7.23	9.05	---	3.09
7	3.04	1.99	6.25	4.92	5.96	6.38	6.21	7.07	7.45	9.05	---	3.06
8	2.94	1.96	6.32	5.15	5.88	6.27	6.14	6.92	7.61	9.01	---	3.05
9	3.00	2.04	6.25	5.29	5.89	6.20	6.13	6.91	7.81	8.98	---	3.27
10	3.30	2.24	6.11	5.24	5.83	6.17	6.17	6.98	7.99	8.91	3.47	3.41
11	2.90	2.47	5.81	5.43	6.06	6.33	6.21	7.14	8.15	8.83	---	3.30
12	2.73	2.47	5.79	5.48	6.34	6.49	6.24	7.42	8.24	8.68	---	---
13	2.79	2.24	5.83	5.51	6.62	6.82	6.10	7.83	8.30	8.47	---	---
14	---	2.10	5.62	5.72	7.02	7.11	6.11	7.91	8.36	8.26	---	---
15	---	2.41	5.55	5.85	7.27	7.37	6.44	7.91	8.51	7.96	---	---
16	2.64	2.47	5.29	5.96	7.49	7.78	6.81	7.92	8.70	7.62	---	---
17	2.70	2.73	4.60	6.27	7.77	8.17	7.02	7.85	8.82	7.20	3.10	---
18	---	3.46	4.41	6.53	8.00	8.22	6.87	7.95	8.80	7.03	3.07	---
19	2.14	2.71	4.27	6.58	8.18	8.34	6.47	7.87	8.73	6.68	3.02	---
20	2.27	2.57	4.44	6.67	8.37	8.37	6.12	7.69	8.70	6.35	2.88	---
21	2.24	2.80	4.67	6.78	8.45	8.38	5.80	7.43	8.73	6.11	2.79	3.32
22	2.08	2.90	4.82	6.82	8.57	8.55	5.58	7.14	8.75	5.88	2.71	3.60
23	1.93	3.41	4.88	6.83	8.69	8.76	5.34	6.86	8.69	5.58	2.64	3.85
24	2.12	3.29	4.84	6.87	8.67	8.82	5.12	6.65	8.65	5.38	2.68	---
25	2.32	3.70	4.83	7.08	8.71	8.80	5.06	6.46	---	5.18	2.55	---
26	2.26	4.45	4.76	7.30	8.44	8.54	5.28	6.24	---	5.07	2.34	---
27	1.88	---	4.71	7.07	8.22	8.32	5.41	6.13	---	4.92	2.29	---
28	2.27	---	4.75	6.76	7.95	8.06	5.67	5.96	---	4.58	2.33	---
29	2.54	---	4.96	6.65	7.63	7.85	6.23	5.79	---	4.61	2.27	---
30	2.79	---	5.02	6.68	---	7.78	6.70	5.85	9.07	4.76	2.34	---
31	2.41	---	5.19	6.65	---	7.54	---	5.82	---	4.25	2.22	---
MAX	---	---	---	7.30	8.71	8.82	7.05	7.95	---	9.17	---	---
MIN	---	---	---	4.79	5.83	6.17	5.06	5.79	---	4.25	---	---

07381567 BUFFALO COVE AT ROUND ISLAND NEAR CHARENTON, LA

LOCATION.--Lat 29° 59'00", long 91° 31'30", in sec. 23, T. 12 S., R. 9 E., Iberia Parish, Hydrologic Unit 08080101 on south side of Round Island.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--April 26, 1976, to March 14, 1997, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 14, 1997 to current year (gage heights only).

GAGE.--Water-stage recorder. Staff gage set by U.S. Army Corps of Engineers, New Orleans District. Datum of gage is NGVD of 1929.

REMARKS.--Gage is below recordable stage Oct. 1-3, 13-15, Aug. 25-Sept. 2.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height by the U.S. Army Corps of Engineers, 14.98 ft, June 3, 1983, minimum recorded gage height by the U.S. Army Corps of Engineers, 0.11 ft, Oct. 17, 18, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.73 ft, July 4, 5; minimum gage height, 2.29 ft, Oct. 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2.95	6.33	6.43	8.23	9.25	9.00	8.06	7.36	10.58	5.56	---
2	---	2.88	6.52	6.41	8.12	8.92	8.69	8.34	7.52	10.66	5.39	---
3	---	2.67	6.78	6.38	7.98	8.65	8.35	8.51	7.78	10.71	5.22	3.39
4	3.68	2.70	6.99	6.34	7.81	8.47	8.11	8.64	7.94	10.72	5.13	3.59
5	3.77	2.67	7.11	6.37	7.68	8.38	7.95	8.73	8.14	10.72	5.04	3.81
6	3.82	2.83	7.23	6.34	7.77	8.31	7.86	8.74	8.39	10.70	4.94	3.90
7	3.83	2.65	7.37	6.35	7.72	8.19	7.85	8.66	8.60	10.69	4.70	3.95
8	3.82	2.59	7.48	6.46	7.65	8.09	7.77	8.54	8.79	10.70	4.65	4.00
9	3.78	2.71	7.52	6.60	7.60	8.00	7.72	8.47	8.99	10.69	4.64	4.11
10	3.97	2.86	7.52	6.66	7.60	7.93	7.69	8.46	9.19	10.67	4.66	4.29
11	3.98	3.10	7.42	6.74	7.70	7.95	7.73	8.51	9.37	10.66	4.71	4.18
12	3.70	3.14	7.36	6.82	7.87	8.01	7.72	8.69	9.54	10.55	4.81	4.06
13	---	3.00	7.36	6.87	8.02	8.16	7.68	9.14	9.66	10.38	4.88	3.96
14	---	2.72	7.27	6.99	8.25	8.37	7.65	9.39	9.77	10.19	4.51	3.88
15	---	3.03	7.15	7.12	8.48	8.59	7.75	9.49	9.89	9.95	4.18	3.73
16	3.38	3.10	6.98	7.22	8.68	8.87	7.96	9.49	10.04	9.64	4.12	3.62
17	3.34	3.37	6.57	7.39	8.92	9.22	8.15	9.47	10.22	9.27	4.06	3.81
18	2.85	4.01	6.28	7.61	9.15	9.42	8.21	9.50	10.30	9.06	4.00	3.50
19	2.79	3.65	6.11	7.79	9.37	9.60	8.08	9.46	10.33	8.73	3.89	3.30
20	2.89	3.32	6.10	7.90	9.58	9.73	7.87	9.34	10.34	8.38	3.72	3.60
21	2.87	3.55	6.17	8.02	9.76	9.83	7.57	9.16	10.36	8.08	3.61	3.95
22	2.74	3.67	6.23	8.12	9.90	9.94	7.29	8.94	10.37	7.82	3.54	4.23
23	2.57	4.14	6.28	8.18	10.15	10.09	7.05	8.67	10.38	7.53	3.41	4.46
24	2.73	4.25	6.27	8.24	10.27	10.22	6.82	8.42	10.36	7.28	3.43	4.80
25	2.92	4.51	6.25	8.35	10.34	10.28	6.73	8.20	10.43	7.05	---	4.72
26	2.96	5.16	6.19	8.51	10.24	10.22	6.85	7.99	---	6.88	---	4.52
27	2.57	5.83	6.13	8.55	10.05	10.07	6.89	7.83	10.49	6.72	---	4.46
28	2.88	6.15	6.11	8.44	9.82	9.86	6.97	7.66	10.44	6.37	---	4.53
29	3.15	6.18	6.26	8.34	9.55	9.66	7.25	7.49	10.48	6.24	---	4.71
30	3.43	6.26	6.35	8.35	---	9.50	7.67	7.39	10.51	6.31	---	5.03
31	3.09	---	6.44	8.30	---	9.35	---	7.33	---	5.90	---	---
MAX	---	6.26	7.52	8.55	10.34	10.28	9.00	9.50	---	10.72	---	---
MIN	---	2.59	6.10	6.34	7.60	7.93	6.73	7.33	---	5.90	---	---

07381567 BUFFALO COVE AT ROUND ISLAND NEAR CHARENTON, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2001 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: December 2001 to current year.

INSTRUMENTATION.--Thermister temperature sensor.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURES: Maximum recorded, 32.1° C, Aug. 4, 2003; minimum recorded, 6.7° C, Jan. 23, 2004.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 31.8° C, Sept. 17, 18; minimum recorded, 6.7° C, Jan. 23.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	23.4	21.9	22.7	14.0	13.7	13.8	8.8	7.9	8.4
2	---	---	---	23.9	22.5	23.1	13.8	13.3	13.5	9.7	8.8	9.3
3	---	---	---	23.8	22.3	23.1	13.3	12.8	13.0	13.8	9.6	10.7
4	24.5	19.7	21.9	24.0	22.4	23.2	12.9	12.6	12.7	16.7	13.8	15.0
5	25.5	21.5	23.3	25.4	23.4	24.3	12.6	12.1	12.3	17.0	12.6	15.0
6	25.3	23.1	24.1	25.1	24.1	24.5	12.1	11.2	11.6	15.5	12.8	13.8
7	25.8	23.3	24.4	24.1	21.3	22.8	11.2	10.6	10.8	---	---	---
8	24.7	23.8	24.2	21.4	20.2	20.8	10.6	10.3	10.5	---	---	---
9	24.7	23.7	24.1	21.7	19.6	20.5	10.8	10.4	10.6	---	---	---
10	24.3	23.9	24.2	22.0	20.1	20.9	10.8	10.4	10.6	---	---	---
11	23.9	23.3	23.5	21.5	20.1	20.9	10.4	10.2	10.3	---	---	---
12	24.7	22.1	23.2	21.9	20.4	21.1	10.4	10.1	10.2	8.3	8.1	8.2
13	---	---	---	21.7	20.0	21.0	10.8	10.4	10.6	8.4	8.2	8.3
14	---	---	---	20.0	17.2	18.8	11.7	10.7	11.1	8.5	8.2	8.3
15	---	---	---	19.7	17.1	18.7	12.1	10.7	11.3	8.5	8.2	8.3
16	22.8	20.7	21.7	20.1	18.9	19.5	12.8	12.1	12.4	8.2	7.9	8.0
17	23.4	20.9	22.0	20.1	19.4	19.8	12.4	11.0	11.4	8.1	7.9	7.9
18	23.2	20.6	21.8	19.9	19.0	19.4	11.5	10.5	11.0	7.9	7.6	7.7
19	22.4	20.1	21.3	19.0	17.6	18.5	11.5	10.6	11.1	7.8	7.6	7.7
20	23.0	20.4	21.6	17.6	14.3	15.3	11.4	10.3	10.9	7.7	7.3	7.5
21	23.6	21.3	22.4	17.2	15.1	16.3	11.7	10.3	11.0	7.5	7.2	7.3
22	24.1	21.7	22.9	18.4	16.8	17.5	13.2	11.2	12.0	7.3	6.9	7.1
23	24.9	22.6	23.6	18.3	17.1	17.6	14.1	13.0	13.4	7.1	6.7	6.9
24	25.1	23.3	24.1	17.5	16.3	17.1	13.8	12.5	13.0	7.5	7.0	7.2
25	25.0	23.2	23.8	16.3	15.4	15.8	13.3	9.4	11.3	7.8	7.5	7.6
26	24.0	22.5	23.5	15.5	15.3	15.3	13.1	11.5	12.1	7.7	7.3	7.4
27	22.5	18.7	20.2	15.8	15.3	15.7	14.0	12.2	13.0	7.7	7.1	7.3
28	19.6	17.6	18.5	15.5	14.3	14.9	15.7	13.3	14.0	8.6	7.7	8.0
29	20.8	18.9	19.7	14.3	13.7	13.9	15.8	9.4	13.0	8.7	8.5	8.6
30	22.1	20.0	20.8	14.0	13.7	13.8	9.4	8.2	8.7	8.9	8.7	8.7
31	23.4	22.1	22.7	---	---	---	8.2	7.9	8.0	9.0	8.8	8.9
MONTH	---	---	---	25.4	13.7	19.2	15.8	7.9	11.6	---	---	---

07381567 BUFFALO COVE AT ROUND ISLAND NEAR CHARENTON, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	9.1	8.9	9.0	14.2	11.3	12.5	19.0	16.8	18.1	19.2	18.8	19.0
2	11.7	9.1	9.7	15.0	14.2	14.5	19.7	18.2	18.9	19.2	19.0	19.1
3	11.9	11.1	11.5	15.9	14.8	15.2	20.3	18.6	19.4	19.4	18.7	19.0
4	11.9	11.1	11.4	15.7	14.6	15.3	20.9	19.1	19.9	19.9	19.1	19.5
5	14.0	11.3	12.5	15.3	14.6	14.9	20.6	19.0	19.6	20.6	19.6	20.1
6	14.0	13.5	13.7	15.8	15.2	15.5	19.9	18.2	19.2	21.0	20.2	20.6
7	13.5	9.5	11.4	15.9	15.5	15.7	19.3	18.1	18.8	21.4	20.6	21.0
8	9.5	9.1	9.2	15.8	15.4	15.6	19.3	18.3	18.8	21.9	21.1	21.4
9	9.4	9.0	9.2	15.8	15.3	15.6	18.3	17.9	18.1	22.2	21.5	21.9
10	10.7	9.3	9.5	15.6	15.1	15.4	18.1	17.6	17.9	22.3	21.7	22.1
11	12.0	9.4	10.8	15.5	14.9	15.2	18.1	17.7	17.9	22.4	21.9	22.1
12	9.4	8.7	9.0	15.4	14.9	15.2	17.8	17.0	17.3	22.3	21.9	22.1
13	8.7	8.1	8.4	15.3	14.8	15.0	17.0	16.4	16.7	22.1	21.5	21.8
14	8.1	7.7	7.9	15.0	14.5	14.7	16.6	16.2	16.4	22.5	21.9	22.1
15	7.7	7.4	7.5	14.5	14.3	14.4	16.6	16.0	16.3	22.8	22.3	22.5
16	7.4	7.0	7.2	14.4	14.1	14.3	16.3	15.6	15.9	23.0	22.6	22.8
17	7.2	6.9	7.0	14.2	13.5	13.7	16.1	15.6	15.8	23.2	22.7	22.9
18	7.1	6.9	7.0	13.9	13.2	13.6	16.8	15.9	16.2	23.2	23.0	23.1
19	7.5	7.0	7.2	14.0	13.7	13.9	17.5	16.7	17.0	23.5	22.8	23.2
20	8.0	7.4	7.6	14.3	13.9	14.1	20.4	17.5	18.9	24.1	23.3	23.7
21	8.1	7.9	8.0	14.6	14.2	14.4	21.7	19.9	20.7	24.5	23.7	24.0
22	8.4	8.0	8.2	14.5	14.1	14.2	23.5	21.4	22.2	24.7	24.1	24.4
23	8.7	8.4	8.6	14.1	13.8	13.9	24.5	22.8	23.5	25.6	24.3	24.9
24	9.0	8.6	8.7	14.2	13.9	14.0	24.6	23.8	24.2	26.3	24.9	25.5
25	9.3	9.0	9.1	14.5	14.1	14.3	24.6	23.8	24.2	26.5	25.3	26.0
26	9.3	9.2	9.3	15.0	14.4	14.6	24.3	23.3	23.8	26.7	25.6	26.2
27	10.0	9.3	9.5	15.6	14.9	15.2	24.2	20.8	23.1	26.7	25.7	26.2
28	10.5	10.0	10.2	16.2	15.5	15.8	20.8	19.5	19.8	27.6	26.1	26.8
29	11.3	10.5	10.7	16.3	16.1	16.2	19.8	19.2	19.5	28.1	26.6	27.3
30	---	---	---	16.5	16.0	16.3	19.6	18.9	19.2	28.0	27.2	27.6
31	---	---	---	16.8	16.0	16.2	---	---	---	28.3	27.3	27.9
MONTH	14.0	6.9	9.3	16.8	11.3	14.8	24.6	15.6	19.2	28.3	18.7	23.1
JUNE				JULY			AUGUST			SEPTEMBER		
1	28.1	27.0	27.1	27.0	26.8	26.9	29.2	28.0	28.5	---	---	---
2	27.0	26.4	26.7	27.0	26.8	26.9	29.3	28.1	28.7	---	---	---
3	26.8	26.4	26.5	27.1	26.7	26.9	29.4	28.2	28.8	28.9	28.1	28.5
4	27.0	26.2	26.5	27.3	27.0	27.1	29.6	28.4	28.9	29.8	28.0	28.7
5	27.0	26.6	26.8	27.4	27.1	27.2	29.6	28.5	29.0	29.9	28.4	29.1
6	26.9	26.4	26.6	27.2	27.1	27.1	29.2	28.4	28.8	30.2	28.6	29.4
7	26.8	26.4	26.6	27.2	27.0	27.1	28.5	27.1	27.8	30.8	28.7	29.5
8	26.7	26.3	26.5	27.2	27.1	27.2	28.2	27.1	27.7	30.2	28.0	28.9
9	26.8	26.3	26.6	27.2	27.0	27.1	28.8	27.3	28.0	29.5	28.1	28.8
10	26.8	26.4	26.6	27.4	27.1	27.2	29.3	27.7	28.5	29.4	28.2	28.8
11	26.9	26.5	26.7	27.7	27.3	27.5	29.4	27.8	28.5	30.5	28.2	29.2
12	26.9	26.5	26.7	28.2	27.7	27.9	28.9	27.6	28.1	30.1	28.5	29.1
13	27.0	26.6	26.8	28.5	28.0	28.2	28.1	25.5	26.7	29.5	27.2	28.4
14	26.9	26.6	26.8	28.7	28.2	28.4	26.1	23.9	25.0	29.6	26.9	28.4
15	26.9	26.5	26.7	28.7	27.3	27.7	25.5	23.5	24.5	29.5	26.9	28.3
16	26.9	26.7	26.8	28.0	27.4	27.6	26.2	23.6	24.9	30.3	26.0	27.9
17	26.9	26.6	26.7	28.1	27.6	27.8	27.0	24.4	25.7	31.8	27.5	29.3
18	27.2	26.7	27.0	28.1	27.4	27.9	27.7	25.2	26.4	31.8	28.5	29.9
19	27.5	27.1	27.3	28.3	27.5	27.9	28.2	25.8	26.9	29.5	27.0	28.2
20	27.6	27.2	27.4	28.5	27.5	28.0	28.1	26.8	27.3	30.1	26.6	28.2
21	27.6	27.4	27.5	28.5	27.9	28.2	29.3	27.0	28.0	28.6	27.0	27.8
22	27.7	27.4	27.5	29.0	27.9	28.4	30.0	27.5	28.6	27.8	26.8	27.3
23	27.7	27.5	27.6	29.1	28.0	28.5	29.7	27.8	28.7	27.2	26.5	26.9
24	27.7	27.5	27.6	29.5	28.3	28.8	30.0	27.8	28.7	27.0	26.5	26.7
25	27.5	26.9	27.2	29.7	28.8	29.1	---	---	---	27.3	26.6	26.9
26	26.9	26.7	26.8	29.1	28.3	28.7	---	---	---	27.7	26.1	26.7
27	27.2	26.7	26.9	29.0	28.1	28.5	---	---	---	27.2	25.6	26.3
28	27.2	27.0	27.0	28.6	27.7	28.1	---	---	---	---	---	---
29	27.0	26.8	26.9	28.5	27.8	28.2	---	---	---	---	---	---
30	27.0	26.7	26.9	29.1	27.9	28.4	---	---	---	26.1	25.4	25.6
31	---	---	---	28.8	28.1	28.4	---	---	---	---	---	---
MONTH	28.1	26.2	26.9	29.7	26.7	27.8	---	---	---	---	---	---

07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in sec. 56, T. 15 S., R. 11 E., St. Mary Parish, Hydrologic Unit 08080101 at Southern Railways System Bridge, 160 ft downstream from State Highway 90, 0.4 mi downstream from Bayou Teche, 0.5 mi west of Calumet, and 9.8 mi west of Morgan City.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1976 to May 1986 (gage height and discharge measurements only), June 1986 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is 0.56 ft below NAVD 88. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records fair. Relief outlet for Atchafalaya basin; gage height and discharge affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.51 ft, Apr. 5, 1997, minimum, -1.15 ft, Dec. 23, 1989.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since 1942, 11.02 ft, May 27, 1973; minimum gage height, -2.82 ft, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans District).

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 162,000 ft³/s, July 1, 3, 4; maximum gage height, 5.71 ft, July 3; maximum negative discharge, -3,270 ft³/s, Nov. 18; minimum gage height, 0.87 ft, Oct. 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42,400	36,000	98,700	91,900	117,000	125,000	125,000	121,000	99,500	156,000	70,600	46,600
2	46,300	32,100	102,000	90,900	112,000	121,000	120,000	128,000	108,000	157,000	69,000	47,000
3	45,600	32,500	105,000	90,100	113,000	118,000	114,000	136,000	112,000	156,000	68,800	49,700
4	48,300	34,200	111,000	88,300	107,000	123,000	111,000	129,000	118,000	156,000	66,400	52,300
5	50,500	34,900	113,000	95,500	97,400	110,000	112,000	128,000	120,000	155,000	66,300	55,400
6	50,400	38,300	114,000	96,400	111,000	114,000	108,000	127,000	124,000	155,000	68,600	59,000
7	49,800	40,500	112,000	92,100	113,000	115,000	107,000	123,000	126,000	157,000	60,900	62,200
8	49,500	38,200	111,000	91,000	108,000	115,000	107,000	126,000	129,000	156,000	59,500	63,000
9	46,600	41,700	108,000	99,600	107,000	115,000	107,000	119,000	134,000	152,000	62,700	61,100
10	46,200	37,100	113,000	99,700	109,000	113,000	107,000	120,000	137,000	152,000	64,300	64,300
11	52,600	39,600	106,000	97,300	109,000	111,000	108,000	121,000	140,000	150,000	63,900	60,400
12	47,100	42,700	103,000	99,700	119,000	115,000	111,000	122,000	123,000	150,000	68,700	55,600
13	44,200	47,100	105,000	91,000	122,000	119,000	114,000	131,000	143,000	147,000	71,600	56,700
14	48,400	33,900	104,000	102,000	126,000	124,000	112,000	133,000	146,000	142,000	63,800	51,400
15	42,900	36,200	96,900	106,000	133,000	128,000	115,000	137,000	143,000	136,000	58,400	52,000
16	43,300	38,700	88,400	105,000	134,000	136,000	121,000	135,000	146,000	130,000	57,800	45,600
17	45,000	39,900	82,700	106,000	139,000	141,000	124,000	134,000	150,000	123,000	57,500	50,300
18	43,000	39,800	85,400	115,000	143,000	141,000	121,000	136,000	152,000	121,000	55,900	48,400
19	36,100	62,800	85,300	121,000	142,000	145,000	114,000	138,000	152,000	115,000	52,400	47,000
20	34,300	47,700	84,800	119,000	143,000	146,000	97,000	131,000	151,000	110,000	48,700	44,300
21	35,900	51,200	84,200	120,000	151,000	149,000	97,500	127,000	150,000	106,000	51,600	50,200
22	37,500	51,700	85,100	122,000	149,000	153,000	90,800	122,000	148,000	103,000	50,200	53,500
23	35,600	55,800	90,700	119,000	151,000	151,000	90,500	116,000	148,000	101,000	45,800	55,600
24	32,000	71,700	91,000	119,000	153,000	152,000	85,300	112,000	145,000	96,300	45,500	64,700
25	31,400	64,300	89,300	121,000	153,000	150,000	86,500	109,000	148,000	93,500	43,500	67,500
26	41,400	75,300	87,600	127,000	153,000	146,000	96,100	106,000	149,000	91,500	40,900	67,800
27	38,000	88,100	85,500	130,000	149,000	142,000	97,700	105,000	147,000	87,500	40,300	65,900
28	34,100	107,000	85,700	122,000	140,000	137,000	99,700	102,000	150,000	81,900	42,900	69,100
29	36,700	95,900	89,900	118,000	132,000	137,000	108,000	98,900	153,000	80,900	42,200	72,300
30	37,800	97,500	93,300	120,000	---	135,000	116,000	91,000	154,000	82,300	43,600	74,700
31	39,800	---	94,100	119,000	---	134,000	---	94,600	---	74,900	45,200	---
TOTAL	1,312,400	1,554,400	3,025,800	3,344,900	3,736,400	4,054,000	3,233,100	3,741,500	4,163,500	3,874,800	1,747,500	1,713,600

07381590 WAX LAKE OUTLET AT CALUMET, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.27	2.39	2.93	3.08	3.93	4.32	4.04	4.24	3.87	5.53	2.85	1.87
2	2.22	2.48	3.05	3.03	3.82	4.13	3.83	4.16	4.07	5.57	2.61	1.96
3	2.60	2.27	3.43	2.99	3.56	3.97	3.64	4.10	4.15	5.57	2.44	2.03
4	2.66	2.28	3.37	3.06	3.53	4.10	3.56	4.18	4.00	5.54	2.37	2.15
5	2.61	2.21	3.22	2.80	3.93	4.21	3.48	4.26	4.09	5.51	2.26	2.22
6	2.58	2.29	3.21	2.46	3.51	3.98	3.70	4.23	4.24	5.43	1.92	2.08
7	2.61	1.92	3.45	2.77	3.16	3.63	3.73	4.11	4.43	5.39	2.45	1.83
8	2.52	1.99	3.59	3.14	3.16	3.45	3.58	4.06	4.56	5.37	2.35	1.74
9	2.69	1.95	3.80	3.07	3.30	3.38	3.54	4.06	4.61	5.42	2.35	2.21
10	3.12	2.28	3.54	2.75	3.24	3.37	3.60	4.15	4.72	5.33	2.30	2.20
11	2.37	2.47	3.26	3.03	3.59	3.44	3.71	4.32	4.80	5.38	2.44	2.25
12	2.43	2.34	3.48	3.04	3.49	3.54	3.64	4.65	4.84	5.16	2.39	2.44
13	2.61	1.96	3.64	3.03	3.55	3.78	3.25	4.82	4.93	4.99	2.08	2.44
14	2.41	2.19	3.21	3.20	3.96	3.98	3.16	4.94	5.00	4.86	2.15	2.69
15	2.17	2.48	3.41	3.25	3.92	4.17	3.38	4.80	5.10	4.74	2.13	2.58
16	2.43	2.47	3.22	3.40	4.05	4.36	3.82	4.79	5.65	4.54	2.21	2.97
17	2.30	2.68	2.41	3.78	4.24	4.62	3.70	4.80	5.35	4.29	2.18	2.79
18	1.86	3.48	2.53	3.81	4.36	4.70	3.84	4.82	5.24	4.25	2.24	2.37
19	2.18	1.82	2.32	3.54	4.53	4.72	3.69	4.82	5.15	3.96	2.35	2.21
20	2.34	2.20	2.50	3.64	4.74	4.75	3.61	4.69	5.12	3.77	2.39	2.70
21	2.25	2.37	2.83	3.75	4.78	4.72	3.68	4.40	5.15	3.68	2.14	2.83
22	2.03	2.39	3.06	3.73	4.94	4.72	3.72	4.40	5.24	3.50	2.08	3.00
23	2.00	2.89	2.99	3.76	5.03	5.01	3.41	4.34	5.24	3.26	2.18	3.28
24	2.25	2.09	2.77	3.84	5.11	5.07	3.35	4.22	5.27	3.20	2.27	3.22
25	2.49	2.63	2.87	4.10	5.15	5.16	3.38	4.10	5.37	3.07	2.22	2.86
26	2.16	3.15	2.92	4.13	4.80	5.00	3.72	3.94	5.26	2.98	2.13	2.52
27	1.79	3.71	2.92	3.82	4.64	4.88	3.09	3.86	5.26	3.03	2.09	2.55
28	2.32	2.96	2.96	3.62	4.54	4.77	3.29	3.77	5.26	2.87	2.07	2.24
29	2.45	2.90	3.17	3.65	4.42	4.60	3.67	3.71	5.13	2.99	2.01	2.23
30	2.79	3.06	2.91	3.77	4.48	4.48	3.88	4.15	5.43	3.08	2.03	2.56
31	2.34	---	3.13	3.82	---	4.51	---	4.03	---	2.91	1.90	---
MAX	3.12	3.71	3.80	4.13	5.15	5.16	4.04	4.94	5.43	5.57	2.85	3.28
MIN	1.79	1.82	2.32	2.46	3.46	3.37	3.09	3.70	3.87	2.87	1.90	1.74

Results were revised 2016
 Please refer to USGS Scientific Investigations Report 2018-5147
<https://doi.org/10.3133/sir20185147>
 Please direct inquiries to:
 gs-w-lmg_mssediment@usgs.gov

07381590 WAX LAKE OUTLET AT CALUMET, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: 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 TEMPERATURE: 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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Suspnd. sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT					
16...	1400	57,700	100	72	11,200
NOV					
19...	1100	69,100	100	118	22,400
DEC					
17...	1445	89,300	99	174	41,900
JAN					
15...	1030	106,000	95	163	46,800
FEB					
13...	0630	122,000	95	200	85,500
27...	1345	147,000	84	200	79,300
MAR					
08...	1030	119,000	95	158	50,800
29...	1030	141,000	86	166	63,700
APR					
08...	1400	112,000	97	135	40,800
28...	1130	99,100	98	159	42,500
MAY					
13...	1045	133,000	94	159	59,300
20...	0815	138,000	94	188	75,300
JUN					
15...	1030	152,000	95	317	130,000
29...	1030	159,000	89	218	90,200
JUL					
05...	1200	182,000	93	154	75,900
29...	1200	80,400	99	181	39,400
AUG					
12...	0945	73,200	100	164	32,400
SEP					
09...	1000	57,400	100	145	22,500

Results were revised 2018-5147
 Please refer to USGS Scientific Investigations Report 2018-5147
<https://doi.org/10.3133/sir20185147>
 Please direct inquiries to:
 gs-w-lmg_mssediment@usgs.gov

073815963 LAKE MURPHY NEAR BAYOU SORREL, LA

LOCATION.--Lat. 30° 06'24", long 91° 23'08", sec. 18, T. 11 S., R. 11 E., Iberia Parish, Hydrologic Unit 08080101, on south bank 7 miles from Bayou Pigeon landing near Bayou Sorrel.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 2001 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.27 ft, June 10, 2002; minimum gage height, 6.98 ft, Nov. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.51 ft, July 9; minimum gage height, 7.45 ft, Nov. 8.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.07	8.16	9.76	9.89	11.02	12.19	12.26	10.92	11.16	13.34	10.21	7.84
2	8.12	8.08	9.80	9.90	11.00	12.04	12.10	11.12	11.13	13.39	10.05	7.82
3	8.22	7.95	9.87	9.90	10.96	11.87	11.92	11.23	11.23	13.43	9.89	7.97
4	8.38	7.87	9.94	9.89	10.91	11.74	11.75	11.34	11.26	13.45	9.75	8.10
5	8.46	7.78	10.01	9.91	10.93	11.64	11.58	11.42	11.31	13.46	9.62	8.23
6	8.47	7.86	10.08	9.87	10.97	11.57	11.46	11.48	11.42	13.46	9.50	8.28
7	8.44	7.77	10.15	9.85	10.89	11.46	11.43	11.51	11.51	13.47	9.36	8.28
8	8.42	7.61	10.22	9.89	10.82	11.35	11.31	11.50	11.60	13.47	9.23	8.22
9	8.43	7.70	10.28	9.95	10.76	11.24	11.22	11.49	11.70	13.49	9.11	8.27
10	8.82	7.78	10.32	9.95	10.77	11.15	11.14	11.48	11.81	13.48	9.06	8.42
11	8.82	8.00	10.33	9.96	10.86	11.08	11.14	11.50	11.93	13.44	9.03	8.41
12	8.65	8.08	10.32	9.99	10.90	11.05	11.10	11.61	12.05	13.38	9.00	8.40
13	8.55	8.03	10.37	10.01	10.91	11.06	11.05	11.98	12.16	13.31	9.01	8.43
14	8.50	7.78	10.36	10.04	10.98	11.13	10.99	12.17	12.27	13.22	8.90	8.40
15	8.28	7.99	10.32	10.09	11.06	11.24	10.97	12.40	12.38	13.10	8.75	8.37
16	8.31	8.08	10.28	10.14	11.15	11.35	11.01	12.47	12.51	12.96	8.66	8.30
17	8.26	8.19	10.21	10.22	11.26	11.52	11.07	12.53	12.66	12.79	8.61	8.49
18	7.98	8.56	10.11	10.32	11.39	11.67	11.12	12.65	12.74	12.75	8.55	8.40
19	7.86	8.58	10.00	10.42	11.52	11.82	11.11	12.69	12.82	12.63	8.49	8.26
20	7.94	8.38	9.91	10.52	11.66	11.95	11.05	12.66	12.88	12.38	8.48	8.30
21	7.92	8.38	9.85	10.61	11.79	12.06	10.97	12.60	12.92	12.14	8.40	8.45
22	7.85	8.34	9.82	10.69	11.91	12.16	10.87	12.50	12.98	11.91	8.31	8.59
23	7.69	8.50	9.82	10.75	12.18	12.28	10.77	12.37	13.02	11.69	8.19	8.71
24	7.72	8.63	9.82	10.81	12.39	12.39	10.68	12.23	13.08	11.47	8.20	8.86
25	7.91	8.68	9.81	10.88	12.52	12.49	10.67	12.08	13.27	11.27	8.16	8.90
26	8.00	8.86	9.78	10.97	12.52	12.56	10.72	11.93	13.40	11.10	8.06	8.87
27	7.74	9.26	9.75	11.04	12.48	12.58	10.61	11.78	13.37	10.94	7.96	8.83
28	7.83	9.55	9.75	11.05	12.40	12.56	10.54	11.64	13.32	10.77	7.93	8.81
29	8.06	9.66	9.85	11.03	12.30	12.51	10.54	11.50	13.32	10.61	7.90	8.83
30	8.31	9.72	9.89	11.06	---	12.46	10.72	11.37	13.32	10.51	7.89	8.89
31	8.28	---	9.88	11.05	---	12.39	---	11.25	---	10.37	7.82	---
MAX	8.82	9.72	10.37	11.06	12.52	12.58	12.26	12.69	13.40	13.49	10.21	8.90
MIN	7.69	7.61	9.75	9.85	10.76	11.05	10.54	10.92	11.13	10.37	7.82	7.82

073815973 CROSS BAYOU AT BAYOU PIGEON NEAR BAYOU PIGEON, LA

LOCATION.--Lat. 30° 03'24", long 91° 23'08", sec. 5, T. 12 S., R. 11 E., Iberville Parish, Hydrologic Unit 08080101, on east bank 3 miles from Bayou Pigeon landing near Bayou Pigeon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 2001 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.51 ft, June 10, 2002; minimum gage height, 10.39 ft, Nov. 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 16.74 ft, July 9; minimum recorded gage height, 10.80 ft, Nov. 8.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	13.16	13.26	14.30	15.46	15.47	14.20	14.48	16.56	---	---
2	---	---	13.20	13.26	14.30	15.31	15.34	14.37	14.44	16.60	---	---
3	---	---	13.27	13.25	14.26	15.15	15.17	14.49	14.53	16.65	---	---
4	---	---	13.34	13.24	14.21	15.00	15.00	14.59	14.56	16.67	---	---
5	---	---	13.41	13.25	14.23	14.90	14.84	14.70	14.60	16.68	---	---
6	---	11.22	13.48	13.21	14.27	14.83	14.72	14.76	14.68	16.68	---	---
7	---	11.13	13.55	13.20	14.21	14.72	14.68	14.79	14.76	16.69	---	---
8	---	10.98	13.61	13.25	14.16	14.61	14.58	14.79	14.84	16.70	---	---
9	---	11.07	13.66	13.32	14.10	14.52	14.49	14.78	14.93	16.73	---	---
10	---	11.15	13.71	13.32	14.11	14.43	14.41	14.77	15.03	16.71	---	---
11	---	11.36	13.72	13.32	14.18	14.37	14.42	14.79	15.14	16.67	---	---
12	---	11.44	13.72	13.35	14.23	14.33	14.39	14.88	15.25	16.62	---	---
13	---	11.38	13.78	13.37	14.24	14.32	14.35	15.22	15.35	16.56	---	---
14	---	11.15	13.76	13.40	14.29	14.36	14.31	15.40	15.46	16.46	---	---
15	---	11.37	13.70	13.45	14.36	14.44	14.29	15.63	15.58	---	---	---
16	---	11.46	13.67	13.48	14.44	14.54	14.29	15.72	15.71	---	---	---
17	---	11.56	13.59	13.55	14.53	14.68	14.35	15.80	15.84	---	---	---
18	---	11.93	13.48	13.65	14.63	14.83	14.38	15.90	15.94	---	---	---
19	---	11.94	13.37	13.74	14.75	14.97	14.39	15.94	16.02	---	---	---
20	---	11.75	13.28	13.82	14.88	15.10	14.35	15.91	16.07	---	---	---
21	---	11.75	13.22	13.89	15.01	15.21	14.27	15.86	16.11	---	---	---
22	---	11.69	13.19	13.96	15.14	15.30	14.18	15.77	16.17	---	---	---
23	---	11.87	13.21	14.03	15.41	15.41	14.08	15.65	16.22	---	---	---
24	---	12.01	13.20	14.08	15.63	15.53	13.99	15.51	16.28	---	---	---
25	---	12.07	13.19	14.14	15.75	15.65	13.97	15.37	16.48	---	---	---
26	---	12.27	13.12	14.22	15.76	15.73	14.01	15.23	16.61	---	---	---
27	---	12.68	13.12	14.29	15.73	15.76	13.92	15.09	16.59	---	---	---
28	---	12.98	13.10	14.31	15.66	15.74	13.86	14.94	16.55	---	---	---
29	---	13.06	13.20	14.31	15.57	15.70	13.86	14.80	16.54	---	---	---
30	---	13.12	13.24	14.35	---	15.65	14.02	14.67	16.54	---	---	---
31	---	---	13.26	14.34	---	15.58	---	14.56	---	---	---	---
MAX	---	---	13.78	14.35	15.76	15.76	15.47	15.94	16.61	---	---	---
MIN	---	---	13.10	13.20	14.10	14.32	13.86	14.20	14.44	---	---	---

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA

LOCATION.--Lat. 29° 42'09", long 91° 12'07", on line between secs. 1 and 6, St. Mary Parish, Hydrologic Unit 08080101, near center of span on downstream side of Southern Railways System bridge at Morgan City, 0.3 mi downstream from U. S. Highway 90, 0.3 mi upstream from Bayou Boeuf, and 1.0 mi. southwest of Morgan City High School. Prior to November 8, 1996, at site 1,200 ft upstream.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1976 to September 1994, October 1996 to September 1997 (gage height and discharge measurements only); October 1994 to September 1996; October 1997 to current year (gage height and discharge). Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans District, and National Weather Service.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is -0.45 ft NAVD 88, prior to Oct. 1, 2000, at NGVD of 1929. Prior to November 8, 1996, at site 1,200 ft upstream at same datum. Prior to October 1984 at datum 0.34 ft higher and prior to July 1983 at 0.17 ft higher. Prior to October 1981 at NGVD.

REMARKS.--Records fair. Discharge and gage height affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge recorded, 373,000 ft³/s, June 24, 1995; maximum negative discharge recorded, -151,000 ft³/s, Oct. 3, 2003; maximum gage height, 8.54 ft, Aug. 25, 1992, but may have been higher during Hurricane Andrew; minimum gage height, -0.94 ft, Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached a gage height of 10.53 ft, from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 ft³/s; minimum gage height, -5.44 ft, Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans District.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 216,000 ft³/s, Feb. 25; maximum gage height, 5.43 ft, July 3; maximum negative discharge, -1,750 ft³/s, Nov. 18; minimum gage height, 1.06 ft, Oct. 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67,800	57,700	126,000	111,000	141,000	159,000	156,000	141,000	127,000	186,000	112,000	62,900
2	72,600	51,400	128,000	112,000	138,000	151,000	156,000	147,000	130,000	188,000	102,000	65,100
3	72,600	54,400	130,000	111,000	169,000	144,000	148,000	153,000	139,000	185,000	98,100	69,000
4	73,200	54,400	137,000	108,000	132,000	139,000	142,000	157,000	144,000	190,000	96,800	69,000
5	75,700	52,600	136,000	117,000	120,000	144,000	156,000	157,000	144,000	187,000	94,300	72,800
6	74,800	59,200	137,000	117,000	138,000	156,000	149,000	155,000	147,000	188,000	93,300	80,800
7	73,500	65,800	136,000	110,000	139,000	152,000	135,000	154,000	148,000	185,000	80,800	85,100
8	77,600	54,300	136,000	107,000	138,000	143,000	136,000	150,000	152,000	184,000	79,300	84,000
9	67,600	59,300	130,000	118,000	136,000	141,000	140,000	149,000	153,000	179,000	84,800	80,400
10	67,400	53,700	137,000	120,000	137,000	141,000	137,000	147,000	159,000	181,000	88,500	91,700
11	86,700	55,800	130,000	117,000	133,000	143,000	131,000	145,000	169,000	181,000	88,600	85,700
12	71,500	60,100	124,000	120,000	144,000	144,000	132,000	146,000	177,000	183,000	88,400	77,200
13	68,700	66,900	126,000	120,000	148,000	143,000	136,000	156,000	185,000	178,000	88,600	75,800
14	77,600	51,000	132,000	123,000	149,000	150,000	138,000	158,000	192,000	174,000	80,000	66,100
15	65,100	53,800	127,000	129,000	143,000	154,000	144,000	168,000	191,000	168,000	76,100	74,200
16	66,600	56,700	132,000	126,000	161,000	159,000	149,000	165,000	175,000	165,000	75,000	59,700
17	71,800	54,600	126,000	126,000	167,000	166,000	152,000	162,000	183,000	161,000	75,800	75,000
18	65,200	44,700	111,000	127,000	174,000	169,000	148,000	169,000	188,000	161,000	79,100	78,200
19	55,500	85,500	188,000	142,000	173,000	174,000	142,000	176,000	186,000	155,000	74,400	69,000
20	58,400	69,200	104,000	145,000	178,000	173,000	133,000	175,000	185,000	148,000	74,800	58,900
21	61,400	73,800	101,000	148,000	185,000	182,000	124,000	171,000	186,000	141,000	79,400	70,500
22	63,800	76,800	102,000	149,000	191,000	181,000	118,000	163,000	178,000	138,000	76,300	72,000
23	59,500	72,000	109,000	147,000	196,000	181,000	130,000	155,000	179,000	134,000	67,300	69,300
24	53,100	70,000	109,000	148,000	197,000	190,000	122,000	148,000	171,000	130,000	63,200	87,000
25	48,100	84,500	109,000	148,000	193,000	189,000	124,000	151,000	179,000	126,000	59,500	92,600
26	65,200	91,900	108,000	157,000	197,000	189,000	126,000	151,000	183,000	127,000	55,700	95,400
27	61,000	107,000	105,000	163,000	199,000	178,000	127,000	141,000	180,000	128,000	52,700	96,800
28	68,400	143,000	104,000	151,000	182,000	174,000	123,000	137,000	179,000	124,000	53,500	108,000
29	57,100	128,000	103,000	147,000	167,000	176,000	130,000	131,000	182,000	122,000	54,500	107,000
30	53,600	129,000	112,000	144,000	---	172,000	137,000	120,000	181,000	121,000	54,800	109,000
31	60,600	---	113,000	145,000	---	167,000	---	123,000	---	112,000	58,700	---
TOTAL	2,046,800	2,161,900	3,728,000	4,069,000	4,651,000	5,029,000	4,081,000	4,721,000	5,077,000	4,930,000	2,406,300	2,388,200

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.25	2.37	2.86	3.04	3.79	4.35	4.14	4.01	3.93	5.24	2.93	1.89
2	2.21	2.44	2.92	3.01	3.77	4.22	3.98	4.03	4.07	5.28	2.71	1.94
3	2.53	2.25	3.18	2.98	3.58	4.07	3.81	3.96	4.13	5.31	2.57	2.00
4	2.61	2.27	3.18	3.01	3.49	4.11	3.70	4.00	4.01	5.28	2.46	2.14
5	2.57	2.20	3.13	2.90	3.84	4.23	3.58	4.06	3.99	5.26	2.38	2.24
6	2.52	2.27	3.06	2.56	3.65	4.11	3.69	4.06	4.07	5.23	2.12	2.14
7	2.54	1.94	3.21	2.71	3.35	3.83	3.76	4.01	4.18	5.19	2.18	1.92
8	2.47	1.98	3.33	3.02	3.24	3.62	3.67	3.98	4.27	5.18	2.18	1.78
9	2.60	1.96	3.55	3.10	3.29	3.56	3.59	3.97	4.29	5.22	2.39	2.16
10	3.04	2.20	3.54	2.81	3.28	3.42	3.61	4.03	4.39	5.15	2.37	2.19
11	2.48	2.42	3.23	2.97	3.51	3.48	3.72	4.16	4.46	5.11	2.46	2.24
12	2.44	2.34	3.35	3.01	3.55	3.53	3.73	4.40	4.50	5.04	2.45	2.39
13	2.59	2.01	3.53	3.01	3.50	3.64	3.44	4.56	4.57	4.94	2.13	2.39
14	2.47	2.11	3.25	3.12	3.80	3.81	3.26	4.72	4.65	4.83	2.18	2.61
15	2.17	2.43	3.32	3.16	3.83	3.94	3.32	4.69	4.75	4.73	2.14	2.59
16	2.40	2.44	3.27	3.24	3.85	4.10	3.67	4.66	4.94	4.59	2.19	2.96
17	2.32	2.60	2.62	3.58	3.99	4.28	3.62	4.69	4.97	4.40	2.17	2.79
18	1.90	3.42	2.62	3.71	4.06	4.39	3.68	4.73	4.94	4.51	2.21	2.44
19	2.16	2.13	2.43	3.50	4.20	4.43	3.62	4.76	4.91	4.31	2.30	2.26
20	2.32	2.19	2.51	3.48	4.42	4.50	3.57	4.67	4.88	4.11	2.37	2.67
21	2.24	2.35	2.76	3.56	4.48	4.50	3.65	4.54	4.94	3.99	2.17	2.79
22	2.07	2.32	2.96	3.57	4.63	4.49	3.67	4.46	5.00	3.83	2.09	2.97
23	1.98	2.79	2.99	3.58	4.74	4.73	3.45	4.41	5.00	3.62	2.19	3.19
24	2.20	2.24	2.82	3.65	4.88	4.82	3.36	4.32	5.03	3.49	2.29	3.16
25	2.41	2.53	2.86	3.89	4.99	4.92	3.35	4.21	5.15	3.37	2.26	2.89
26	2.20	2.98	2.87	3.93	4.67	4.84	3.34	4.07	5.09	3.25	2.16	2.59
27	1.84	3.56	2.86	3.77	4.61	4.77	3.19	3.99	5.09	3.25	2.10	2.58
28	2.29	3.03	2.90	3.54	4.51	4.69	3.27	3.89	5.06	3.05	2.08	2.32
29	2.41	2.87	3.17	3.55	4.43	4.60	3.54	3.80	5.08	3.05	2.04	2.26
30	2.74	2.98	2.94	3.69	---	4.49	3.27	4.06	5.16	3.12	2.05	2.49
31	2.35	---	3.08	3.70	---	4.59	---	4.08	---	3.00	1.94	---
MAX	3.04	3.56	3.55	3.93	4.99	4.92	4.14	4.76	5.16	5.31	2.93	3.19
MIN	1.84	1.94	2.43	2.56	3.24	3.42	3.19	3.80	4.93	3.00	1.94	1.78

Results were revised 2013
Please refer to USGS Scientific Investigations Report 2018-5147
<https://doi.org/10.3133/sir20185147>
Please direct inquiries to:
gs-w-lmg_mssediment@usgs.gov

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to September 1981.

WATER TEMPERATURE-5 FT DEPTH: October 1976 to September 1984, May 1990 to September 1992.

WATER TEMPERATURE-25 FT DEPTH: December 1990 to February 1991.

WATER TEMPERATURE-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 TEMPERATURE-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 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge (00661)	Suspended sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge tons/d (80155)
OCT					
15...	1545	62,400	100	87	14,600
NOV					
19...	1500	88,200	100	134	31,100
DEC					
16...	1330	130,000	97	179	62,900
JAN					
15...	1300	134,000	91	200	72,300
FEB					
13...	1300	154,000	93	283	118,000
26...	1445	207,000	72	266	149,000
MAR					
08...	1250	150,000	88	133	79,200
29...	1245	126,000	75	196	83,100
APR					
07...	1545	147,000	93	145	57,800
27...	0600	120,000	99	153	49,400
MAY					
13...	0930	174,000	87	213	100,000
19...	1445	173,000	92	181	84,400
JUN					
05...	1330	184,000	92	353	175,000
20...	1300	146,000	83	252	134,000
JUL					
15...	1400	182,000	86	182	89,400
28...	1430	116,000	100	177	55,400
AUG					
11...	1400	94,100	100	175	44,400
SEP					
08...	1420	87,300	94	173	40,700

073816202 GULF INTRACOASTAL WATERWAY AT MILE 103 SOUTH OF MORGAN CITY, LA

LOCATION.--Lat 29° 38'58", long 91° 18'15", T. 16 S., R. 12 E., Sec. 4, St. Mary Parish, Hydrologic Unit 08080101, on left bank of stream, mile 103 of GIWW, and four miles west of Lower Atchafalaya River.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1998 to current year. Unpublished data prior to Oct. 1, 2001, located in the Louisiana District, Baton Rouge Field Office.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.00 ft, June 10, 2002, minimum gage height, 0.25 ft, Feb. 7, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.28 ft, June 24; minimum gage height, 0.39 ft, Oct. 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.72	1.83	2.04	---	2.86	3.25	3.01	3.11	3.01	4.05	2.34	---
2	1.65	1.90	2.10	---	2.86	3.14	2.87	3.01	3.17	4.07	2.10	---
3	2.00	1.71	2.41	---	2.61	3.00	2.72	2.91	3.20	4.10	---	---
4	2.05	1.73	2.35	---	2.58	3.13	2.65	2.97	3.02	4.07	---	---
5	2.02	1.66	2.22	2.05	3.04	3.26	2.56	3.06	3.04	4.05	---	---
6	1.97	1.73	2.17	1.60	2.65	3.07	2.76	3.05	3.11	4.00	---	---
7	2.00	1.38	2.37	1.94	2.29	2.75	2.81	3.00	3.25	---	---	---
8	1.92	1.43	2.51	2.23	2.26	2.55	2.68	2.98	3.33	---	---	---
9	2.08	1.40	2.76	2.24	2.36	2.49	2.62	2.98	3.33	---	---	---
10	2.52	1.68	2.62	1.89	2.33	2.42	2.66	3.06	3.40	---	---	1.65
11	1.85	1.88	2.33	2.13	2.63	2.48	2.79	3.20	3.45	---	---	1.65
12	1.88	1.77	2.54	2.13	2.53	2.53	2.74	3.47	3.47	---	---	1.84
13	2.04	1.42	2.71	2.13	2.50	2.69	2.37	3.57	3.55	---	---	1.83
14	1.88	1.59	2.33	2.26	2.85	2.82	2.23	3.70	3.61	---	---	2.10
15	1.62	1.89	2.51	2.28	2.76	2.95	2.34	3.59	3.69	---	---	2.03
16	1.85	1.89	2.40	2.40	2.81	3.06	2.49	3.57	3.92	3.46	---	2.42
17	1.75	2.06	1.67	2.76	2.93	3.22	2.64	3.60	3.88	3.29	---	2.23
18	1.33	2.87	1.85	2.80	2.99	3.30	2.71	3.62	3.79	3.27	---	1.84
19	1.62	1.36	1.60	2.50	3.13	3.30	2.66	3.65	3.73	3.03	---	1.68
20	1.79	1.60	1.73	2.55	3.32	3.34	2.65	3.56	3.71	2.87	---	2.07
21	1.70	1.76	2.03	2.63	3.35	3.31	2.80	3.41	3.76	2.79	---	2.26
22	1.51	1.75	2.22	2.60	3.50	3.27	2.88	3.37	3.84	2.64	---	2.40
23	1.46	2.22	2.20	2.68	3.59	3.55	2.59	3.37	3.85	2.43	---	2.69
24	1.69	1.50	2.05	2.69	3.71	3.62	2.56	3.28	3.91	2.37	---	2.60
25	1.90	1.92	2.03	2.94	3.77	3.73	2.52	3.20	3.99	2.27	---	2.28
26	1.63	2.36	2.07	2.94	3.48	3.64	2.37	3.07	3.89	2.20	---	1.95
27	1.27	2.90	2.12	2.69	3.37	3.58	2.27	2.99	3.89	2.26	---	---
28	1.75	2.15	2.03	2.54	3.32	3.53	2.40	2.92	3.85	2.13	---	---
29	1.86	2.06	2.57	2.57	3.29	3.42	2.67	2.87	3.88	2.24	---	---
30	2.20	2.19	---	2.70	---	3.31	2.79	3.27	3.97	2.31	---	---
31	1.78	---	---	2.77	---	3.19	---	3.22	---	2.27	---	---
MAX	2.52	2.90	---	---	3.77	3.73	3.01	3.70	3.99	---	---	---
MIN	1.27	1.36	---	---	2.26	2.42	2.23	2.87	3.01	---	---	---

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA

LOCATION.--Lat. 29° 35'07", long 91° 10'47", sec. 17, T. 17 S., R. 13 E., Terrebonne Parish, Hydrologic Unit 08090302, 7.5 miles south-southeast of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records fair. Discharge and gage height affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 14,900 ft³/s, Oct. 3, 2002; maximum negative discharge, -10,400 ft³/s, Oct. 3, 2002; maximum gage height, 3.68 ft, June 10, 2001; minimum gage height, -0.39 ft, Jan. 29, Feb. 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 9,450 ft³/s, Nov. 18; maximum gage height, 3.07 ft, July 3 maximum negative discharge, -4,370 ft³/s, Nov. 19; minimum gage height, 0.79 ft, Sept. 7, 8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,400	914	2,920	2,820	4,330	4,600	3,920	2,870	2,770	5,660	2,750	1,320
2	1,010	1,410	3,160	2,810	4,010	4,270	3,820	3,660	1,880	5,570	1,900	1,730
3	2,520	1,240	3,680	2,690	3,280	3,560	3,750	3,950	2,100	4,600	1,990	1,860
4	1,530	1,390	3,200	2,700	2,650	3,430	3,720	3,880	2,000	2,950	2,170	2,140
5	1,870	1,130	3,110	2,630	3,380	3,770	3,550	4,020	3,390	2,890	2,120	2,050
6	2,070	1,090	3,330	3,050	3,170	3,840	3,840	4,260	3,860	2,800	2,190	2,020
7	2,360	551	3,220	3,420	2,970	3,050	3,730	4,030	4,560	2,710	2,700	1,770
8	2,020	1,310	3,050	3,120	3,170	3,310	3,740	4,150	4,120	2,110	2,370	2,140
9	2,440	652	3,860	3,260	3,470	3,870	3,310	4,120	4,210	2,320	2,350	2,200
10	3,460	1,390	3,540	2,860	3,390	3,690	3,350	4,330	4,630	2,570	1,920	2,360
11	-231	1,370	2,750	3,280	3,930	3,950	---	4,040	4,710	2,840	2,140	2,620
12	1,180	1,090	3,030	3,220	3,340	4,240	4,270	4,660	4,610	4,110	1,480	2,860
13	1,360	706	3,560	3,170	3,650	3,820	3,350	4,500	4,650	4,530	2,650	2,870
14	1,070	1,520	2,780	3,590	4,920	4,130	3,270	4,940	4,740	4,670	2,480	3,170
15	261	1,360	2,560	3,230	3,940	4,320	2,840	4,310	5,150	4,810	2,470	3,910
16	752	1,070	3,540	3,420	4,060	5,000	2,310	4,780	5,320	4,090	2,460	3,690
17	1,040	1,170	2,260	4,130	4,260	4,590	2,460	4,750	4,530	3,140	2,320	1,010
18	822	4,630	2,900	4,270	4,190	4,800	2,520	4,670	4,270	---	2,220	308
19	1,140	-767	2,590	3,250	4,310	4,520	2,450	5,150	4,350	---	2,120	581
20	1,140	669	2,920	3,360	5,100	4,690	2,970	4,660	4,990	---	2,140	1,380
21	1,440	963	2,610	3,500	5,110	5,000	3,790	4,190	4,240	---	1,310	1,970
22	1,020	1,240	2,460	3,450	5,090	4,490	3,640	4,420	3,000	---	1,180	2,440
23	966	1,690	2,960	3,600	4,760	5,100	2,780	4,670	3,010	856	1,350	2,580
24	1,490	1,710	2,560	3,440	5,570	4,920	2,620	4,360	2,870	1,750	1,230	1,330
25	1,580	1,940	2,390	4,060	5,650	5,340	2,400	4,320	2,650	1,200	864	880
26	1,040	1,620	2,550	3,790	4,210	4,850	1,150	4,040	2,420	1,270	944	648
27	967	---	2,590	3,560	4,430	4,520	2,710	3,930	3,380	917	1,320	1,750
28	1,490	2,670	2,500	3,280	4,360	4,590	2,960	3,910	4,740	2,280	1,380	1,260
29	1,180	2,850	2,860	3,490	4,030	4,770	3,160	3,590	4,870	3,070	1,230	2,250
30	1,450	2,670	2,110	3,990	---	4,580	1,930	4,950	5,300	2,860	1,700	2,880
31	664	---	3,030	4,050	---	4,640	---	3,820	---	2,440	1,360	---
TOTAL	42,501	---	90,580	104,490	118,730	134,250	---	131,930	117,320	---	58,808	59,977

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.70	1.84	1.69	1.97	2.19	2.51	2.19	2.21	2.51	2.90	2.06	1.25
2	1.66	1.89	1.65	1.93	2.22	2.50	2.13	2.19	2.60	2.92	1.92	1.24
3	1.85	1.78	1.86	1.90	2.09	2.42	2.04	2.05	2.62	2.95	1.78	1.33
4	1.95	1.77	1.85	1.95	2.02	2.51	2.01	2.02	2.45	2.94	1.65	1.44
5	1.95	1.71	1.71	1.84	2.41	2.64	1.90	2.09	2.39	2.94	1.55	1.51
6	1.91	1.76	1.55	1.44	2.26	2.58	2.05	2.11	2.40	2.90	1.31	1.41
7	1.93	1.49	1.67	1.48	1.92	2.22	2.15	2.10	2.45	2.86	1.24	1.17
8	1.91	1.45	1.79	1.77	1.78	1.88	2.09	2.10	2.49	2.86	1.51	0.97
9	2.00	1.43	2.05	1.87	1.86	1.80	2.00	2.12	2.46	2.93	1.59	1.31
10	2.38	1.59	2.09	1.52	1.85	1.69	2.04	2.22	2.50	2.88	1.57	1.35
11	2.05	1.78	1.78	1.64	2.12	1.73	---	2.30	2.51	2.86	1.60	1.42
12	1.95	1.78	1.93	1.66	2.07	1.75	2.18	2.51	2.49	2.79	1.61	1.60
13	2.07	1.58	2.16	1.66	1.92	1.85	1.87	2.61	2.54	2.72	1.20	1.66
14	2.01	1.52	1.92	1.74	2.14	1.95	1.61	2.74	2.59	2.67	1.28	1.89
15	1.70	1.78	2.00	1.81	2.09	2.04	1.61	2.70	2.62	2.64	1.31	1.93
16	1.87	1.83	2.04	1.83	2.02	2.11	1.70	2.69	2.77	2.59	1.35	2.17
17	1.82	1.94	1.51	2.11	2.08	2.17	1.80	2.72	2.77	2.53	1.33	2.14
18	1.48	2.45	1.53	2.18	2.07	2.27	1.91	2.76	2.68	2.58	1.36	1.89
19	1.66	1.77	1.37	1.97	2.15	2.27	1.97	2.81	2.63	2.44	1.48	1.72
20	1.79	1.59	1.36	1.88	2.31	2.29	2.01	2.76	2.59	2.35	1.58	1.97
21	1.74	1.74	1.59	1.93	2.34	2.27	2.18	2.67	2.63	2.31	1.43	2.07
22	1.60	1.63	1.80	1.90	2.45	2.12	2.34	2.67	2.69	2.17	1.35	2.18
23	1.51	1.96	1.93	1.92	2.53	2.30	2.19	2.69	2.72	2.06	1.48	2.35
24	1.64	1.62	1.66	2.00	2.68	2.39	2.14	2.65	2.78	2.07	1.57	2.40
25	1.82	1.66	1.69	2.20	2.77	2.50	2.21	2.59	2.88	2.03	1.56	2.20
26	1.76	1.98	1.77	2.20	2.54	2.51	2.14	2.49	2.82	1.88	1.51	1.94
27	1.40	---	1.82	2.03	2.45	2.50	1.84	2.42	2.84	1.98	1.46	1.91
28	1.68	2.00	1.87	1.83	2.42	2.52	1.66	2.37	2.80	1.89	1.43	1.65
29	1.79	1.76	2.16	1.87	2.44	2.49	1.88	2.33	2.80	1.98	1.44	1.48
30	2.04	1.84	1.90	1.99	---	2.38	1.97	2.63	2.86	2.04	1.42	1.65
31	1.84	---	2.00	2.05	---	2.33	---	2.65	---	2.04	1.31	---
MAX	2.38	---	2.16	2.20	2.77	2.64	---	2.81	2.88	2.95	2.06	2.40
MIN	1.40	---	1.36	1.44	1.78	1.69	---	2.02	2.39	1.88	1.20	0.97

073816505 GULF INTRACOASTAL WATERWAY NEAR BAY WALLACE EAST OF MORGAN CITY, LA

LOCATION.--Lat 29° 37' 37", long 91° 02' 43", T. 17 S., R. 14 E., Sec. 3, Terrebonne Parish, Hydrologic Unit 08090302, on the left bank of stream, four miles east of Bayou Chene.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1998 to current year. March 1998 to March 2001 (gage-height records only) can be found in the Louisiana District, Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records fair. Stage and discharge affected by wind, tide, and boat traffic. Reverse flow occurs. Satellite telemetry at site. Gage destroyed by barge traffic on April 23, 2004.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 16,500 ft³/s, Oct. 3, 2002; maximum gage height, 3.50 ft, June 10, 2001; maximum negative discharge, -14,300 ft³/s, Oct. 3, 2002; minimum gage height, -0.13 ft, Dec. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 11,600 ft³/s, Nov. 18; maximum gage height, 2.39 ft, Mar. 6; maximum recorded negative discharge, -4,450 ft³/s, Nov. 19; minimum gage height, 0.88 ft, Dec. 20.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,340	2,340	5,860	5,030	7,220	8,350	6,980	---	---	---	---	---
2	1,670	2,870	6,340	4,910	6,980	7,800	6,950	---	---	---	---	---
3	3,650	2,540	7,940	4,490	5,830	6,790	6,790	---	---	---	---	---
4	4,060	3,230	7,120	4,990	4,640	6,830	7,070	---	---	---	---	---
5	3,940	2,390	6,050	4,370	5,950	6,720	6,410	---	---	---	---	---
6	3,950	3,000	5,720	3,630	5,280	6,620	6,740	---	---	---	---	---
7	4,000	1,940	6,890	4,870	3,830	5,060	6,940	---	---	---	---	---
8	2,740	1,950	5,980	5,980	4,710	5,130	6,430	---	---	---	---	---
9	3,420	1,710	6,850	6,240	6,330	6,600	5,870	---	---	---	---	---
10	5,530	2,840	7,310	4,740	6,060	6,330	5,730	---	---	---	---	---
11	-550	3,140	5,230	5,940	6,430	7,500	6,720	---	---	---	---	---
12	693	2,860	5,590	5,750	5,390	7,390	6,870	---	---	---	---	---
13	3,160	1,790	6,800	5,860	5,220	7,120	5,230	---	---	---	---	---
14	2,980	2,560	4,710	6,160	7,740	7,550	4,920	---	---	---	---	---
15	-91	3,550	5,390	6,300	7,180	7,530	6,370	---	---	---	---	---
16	2,820	2,950	5,950	5,500	6,830	7,900	6,630	---	---	---	---	---
17	3,320	2,490	3,270	6,220	7,890	7,450	7,040	---	---	---	---	---
18	1,000	7,520	5,370	6,440	7,940	7,960	7,250	---	---	---	---	---
19	2,470	1,360	5,030	5,450	8,060	7,770	7,300	---	---	---	---	---
20	3,000	1,980	5,320	5,730	8,610	7,910	6,690	---	---	---	---	---
21	3,160	3,830	5,310	6,260	8,770	8,420	6,940	---	---	---	---	---
22	3,300	3,000	5,380	6,030	8,650	7,760	6,600	---	---	---	---	---
23	3,000	5,150	6,360	6,280	8,050	8,160	---	---	---	---	---	---
24	3,290	3,900	4,430	6,260	9,400	8,210	---	---	---	---	---	---
25	2,990	3,900	4,850	6,820	9,280	8,160	---	---	---	---	---	---
26	2,790	5,060	5,090	6,380	7,890	7,960	---	---	---	---	---	---
27	1,370	8,160	5,200	6,120	7,720	7,490	---	---	---	---	---	---
28	3,860	5,180	5,010	6,040	7,960	7,820	---	---	---	---	---	---
29	3,230	4,220	6,370	6,460	7,980	7,750	---	---	---	---	---	---
30	3,800	6,170	3,550	6,590	---	6,800	---	---	---	---	---	---
31	2,490	---	5,830	6,960	---	7,780	---	---	---	---	---	---
TOTAL	87,382	103,580	176,100	178,800	203,820	228,620	---	---	---	---	---	---

073816505 GULF INTRACOASTAL WATERWAY NEAR BAY WALLACE EAST OF MORGAN CITY, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.57	1.72	1.54	1.70	1.76	2.11	1.93	---	---	---	---	---
2	1.55	1.77	1.46	1.68	1.83	2.13	1.87	---	---	---	---	---
3	1.66	1.69	1.59	1.65	1.79	2.11	1.78	---	---	---	---	---
4	1.76	1.66	1.64	1.68	1.73	2.16	1.74	---	---	---	---	---
5	1.80	1.61	1.54	1.65	2.03	2.29	1.64	---	---	---	---	---
6	1.77	1.66	1.33	1.28	2.04	2.30	1.71	---	---	---	---	---
7	1.78	1.44	1.38	1.17	1.77	2.12	1.85	---	---	---	---	---
8	1.80	1.34	1.49	1.40	1.55	1.89	1.82	---	---	---	---	---
9	1.84	1.35	1.68	1.55	1.54	1.74	1.74	---	---	---	---	---
10	2.19	1.46	1.80	1.28	1.57	1.56	1.75	---	---	---	---	---
11	2.07	1.63	1.56	1.32	1.79	1.57	1.87	---	---	---	---	---
12	1.89	1.67	1.64	1.35	1.85	1.55	1.92	---	---	---	---	---
13	1.96	1.52	1.85	1.35	1.67	1.59	1.69	---	---	---	---	---
14	1.94	1.40	1.74	1.41	1.76	1.67	1.38	---	---	---	---	---
15	1.64	1.62	1.75	1.49	1.79	1.73	1.31	---	---	---	---	---
16	1.75	1.70	1.79	1.48	1.69	1.81	1.36	---	---	---	---	---
17	1.71	1.79	1.38	1.71	1.70	1.85	1.43	---	---	---	---	---
18	1.42	2.11	1.30	1.85	1.70	1.93	1.52	---	---	---	---	---
19	1.52	1.84	1.14	1.73	1.73	1.94	1.59	---	---	---	---	---
20	1.63	1.48	1.07	1.59	1.84	1.95	1.64	---	---	---	---	---
21	1.62	1.62	1.25	1.59	1.89	1.93	1.79	---	---	---	---	---
22	1.50	1.50	1.44	1.56	1.97	1.81	1.95	---	---	---	---	---
23	1.40	1.76	1.61	1.56	2.09	1.87	---	---	---	---	---	---
24	1.49	1.62	1.40	1.62	2.21	1.97	---	---	---	---	---	---
25	1.66	1.47	1.40	1.79	2.31	2.07	---	---	---	---	---	---
26	1.68	1.73	1.46	1.84	2.23	2.12	---	---	---	---	---	---
27	1.34	2.06	1.50	1.75	2.12	2.14	---	---	---	---	---	---
28	1.51	1.96	1.57	1.53	2.06	2.16	---	---	---	---	---	---
29	1.62	1.68	1.85	1.50	2.06	2.16	---	---	---	---	---	---
30	1.82	1.68	1.70	1.60	---	2.11	---	---	---	---	---	---
31	1.74	---	1.72	1.65	---	2.06	---	---	---	---	---	---
MAX	2.19	2.11	1.85	1.85	2.31	2.30	---	---	---	---	---	---
MIN	1.34	1.34	1.07	1.17	1.54	1.55	---	---	---	---	---	---

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA

LOCATION.--Lat 29° 20'21", long 91° 01'07", T. 18 S., R. 14 E., Terrebonne Parish, Hydrologic Unit 08090302.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1999 to September 2001 (elevation and discharge). October 2001 to current year.

GAGE.--Water-quality multiprobe with water level. Prior to October 2001, water-stage recorder and velocity meter. Datum of gage is 4.14 ft below NAVD 88.
Prior to March 12, 2002 datum is NAVD 88.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.67 ft, Oct. 3, 2002; minimum gage height, -0.43 ft, Jan. 1, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.80 ft, Nov. 18; minimum gage height, 3.18 ft, Jan. 6.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.88	4.51	5.28	6.08	4.90	5.51	5.11	4.37	4.69	5.48	4.57	5.13
2	6.04	4.58	5.28	6.09	5.03	5.60	5.13	4.16	4.72	5.68	4.46	5.11
3	6.06	4.81	5.48	5.84	5.03	5.47	5.36	4.66	5.14	5.56	4.34	5.05
4	6.03	4.92	5.54	5.90	5.29	5.57	5.49	4.47	5.04	5.80	4.42	5.18
5	5.98	4.79	5.47	5.84	5.20	5.61	5.22	4.19	4.81	5.69	4.41	4.96
6	5.82	4.84	5.42	5.93	5.09	5.57	5.08	3.49	4.34	4.90	3.18	4.10
7	5.87	4.94	5.57	5.61	4.41	5.16	5.46	3.95	4.76	5.63	3.50	4.43
8	5.84	5.20	5.51	5.87	4.37	5.20	5.72	4.04	4.94	5.67	4.07	4.94
9	5.91	5.20	5.62	5.81	4.27	5.14	6.31	4.52	5.45	5.55	4.17	4.87
10	6.45	5.54	6.14	5.97	4.51	5.33	6.44	4.98	5.74	5.08	3.51	4.35
11	5.92	4.87	5.52	6.10	4.70	5.55	5.76	3.93	4.82	5.29	4.05	4.80
12	5.96	4.87	5.50	6.13	4.72	5.53	5.81	4.29	5.17	5.25	4.02	4.71
13	6.12	5.17	5.76	6.05	4.24	5.17	5.91	5.23	5.65	5.25	4.23	4.73
14	6.13	4.87	5.63	5.95	4.56	5.22	5.62	4.41	5.14	5.42	4.67	4.96
15	5.89	4.78	5.24	6.15	4.76	5.52	5.80	4.78	5.28	5.41	4.61	4.95
16	6.08	4.73	5.44	6.11	4.91	5.58	6.03	4.82	5.36	5.44	4.14	4.86
17	6.02	4.70	5.39	6.17	5.23	5.68	4.92	3.72	4.38	6.05	4.44	5.29
18	5.56	4.67	5.14	6.80	5.99	6.43	4.99	4.37	4.78	5.91	5.00	5.52
19	5.84	4.85	5.44	6.72	4.39	5.39	4.92	3.73	4.49	5.69	3.84	4.77
20	6.06	4.86	5.51	5.75	4.49	5.13	5.42	3.59	4.49	5.37	3.62	4.60
21	5.79	4.95	5.45	5.94	4.82	5.33	5.53	3.90	4.88	5.46	3.76	4.78
22	5.69	4.99	5.35	5.95	4.21	5.10	5.86	4.21	5.10	5.44	3.75	4.70
23	5.52	4.87	5.25	6.37	4.90	5.68	5.93	4.75	5.32	5.37	3.90	4.80
24	5.79	4.92	5.39	6.37	4.19	5.24	5.51	3.72	4.63	5.53	4.29	4.96
25	5.94	4.90	5.52	6.01	4.12	5.13	5.54	3.92	4.85	5.95	4.82	5.40
26	5.92	4.64	5.37	6.18	4.61	5.47	5.61	4.11	4.97	5.72	4.90	5.30
27	5.66	4.06	4.96	6.51	5.23	5.96	5.67	4.31	5.08	5.68	4.17	4.80
28	5.99	4.59	5.41	6.67	4.04	5.13	5.69	4.55	5.20	5.19	3.86	4.47
29	6.13	4.58	5.46	5.43	4.09	4.70	5.85	5.20	5.56	5.18	4.03	4.63
30	6.47	4.99	5.76	5.46	4.14	4.77	5.63	4.44	5.04	5.42	4.08	4.76
31	6.12	4.59	5.36	---	---	---	5.63	4.88	5.25	5.64	3.84	4.72
MONTH	6.47	4.06	5.46	6.80	4.04	5.40	6.44	3.49	5.00	6.05	3.18	4.86

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	5.77	4.49	5.18	5.78	4.47	5.21	5.42	3.95	4.75	5.80	4.96	5.43
2	5.94	4.65	5.30	5.73	4.51	5.22	5.16	4.01	4.74	5.90	4.24	5.11
3	5.86	3.97	4.97	5.60	4.37	5.04	5.22	4.00	4.76	5.24	4.22	4.82
4	5.52	3.75	4.67	5.84	4.72	5.31	5.25	4.26	4.87	5.23	3.98	4.82
5	6.28	5.20	5.74	6.10	5.06	5.67	5.14	4.35	4.75	5.44	4.29	4.93
6	6.28	4.48	5.24	6.22	4.77	5.47	5.40	4.53	4.98	5.49	4.11	4.98
7	5.02	3.84	4.50	5.49	4.12	4.90	5.62	4.64	5.14	5.50	4.12	4.97
8	4.81	3.60	4.22	4.90	3.74	4.46	5.60	4.42	5.06	5.61	4.12	4.99
9	5.06	3.96	4.62	4.90	4.25	4.69	5.59	3.97	4.91	5.73	4.29	5.09
10	4.82	4.07	4.55	5.26	3.38	4.33	5.49	4.20	4.99	5.75	4.48	5.23
11	5.76	4.38	5.07	5.05	4.13	4.61	5.94	4.17	5.06	5.83	4.83	5.40
12	5.58	4.32	4.82	5.22	3.91	4.65	5.61	4.72	5.27	6.02	5.29	5.68
13	5.16	3.54	4.37	5.34	4.02	4.74	5.46	3.82	4.61	5.86	5.25	5.57
14	5.89	3.96	4.93	5.51	3.98	4.82	4.60	3.25	3.98	5.99	5.38	5.66
15	5.73	3.91	4.81	5.70	4.06	4.88	4.70	3.49	4.22	6.02	4.94	5.51
16	5.11	3.58	4.38	5.55	4.19	4.99	4.81	3.93	4.43	5.76	4.94	5.37
17	5.22	3.74	4.57	5.62	4.07	4.95	5.10	4.25	4.60	5.91	4.84	5.44
18	5.18	3.40	4.38	5.63	4.51	5.17	5.21	4.25	4.71	5.87	4.70	5.43
19	5.22	3.84	4.67	5.55	4.31	5.00	5.37	4.19	4.79	5.92	4.81	5.47
20	5.61	4.29	5.05	5.51	4.56	5.05	5.33	4.08	4.89	5.85	4.77	5.38
21	5.47	4.02	4.91	5.38	4.36	4.85	5.71	4.35	5.18	5.64	4.58	5.23
22	5.76	4.61	5.21	5.03	3.98	4.48	5.78	4.81	5.42	5.84	4.54	5.36
23	5.61	4.62	5.07	5.42	4.47	5.03	5.51	4.62	5.10	5.98	4.91	5.57
24	5.86	4.80	5.44	5.40	4.69	5.05	5.57	4.45	5.13	5.97	5.15	5.61
25	5.75	4.95	5.46	5.73	4.68	5.29	5.76	4.47	5.21	5.93	5.08	5.50
26	5.69	4.55	4.87	5.50	4.64	5.18	5.43	4.74	5.00	5.79	4.77	5.32
27	5.12	3.99	4.61	5.61	4.59	5.14	5.30	3.71	4.59	5.68	4.83	5.26
28	5.11	3.94	4.60	5.79	4.67	5.21	5.40	3.92	4.75	5.63	4.88	5.23
29	5.50	4.34	4.85	5.85	4.55	5.22	5.54	4.68	5.10	5.52	5.02	5.26
30	---	---	---	5.74	4.00	4.97	5.27	4.67	4.96	6.16	5.41	5.90
31	---	---	---	5.64	4.55	4.98	---	---	---	6.36	4.81	5.74
MONTH	6.28	3.40	4.86	6.22	3.38	4.99	5.94	3.25	4.87	6.36	3.98	5.33
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.02	4.77	5.54	5.87	4.47	5.33	6.06	4.73	5.56	5.22	4.40	4.88
2	6.44	4.77	5.59	6.05	4.39	5.36	5.91	4.82	5.41	5.39	4.35	4.82
3	5.99	4.78	5.50	5.90	4.49	5.35	5.58	4.88	5.30	5.25	4.46	4.91
4	5.68	4.47	5.21	5.69	4.53	5.29	5.55	4.66	5.16	5.44	4.37	5.01
5	5.68	4.39	5.20	5.77	4.57	5.31	5.43	4.67	5.11	5.56	4.29	5.00
6	5.69	4.39	5.13	5.51	4.59	5.12	5.40	4.37	4.76	5.49	4.24	4.87
7	5.85	4.47	5.24	5.37	4.57	5.01	5.33	4.56	4.94	5.21	3.96	4.62
8	5.62	4.65	5.24	5.48	4.82	5.09	5.64	4.67	5.28	4.87	4.09	4.48
9	5.52	4.64	5.13	5.94	4.81	5.31	5.80	4.72	5.34	5.28	4.26	4.92
10	5.58	5.01	5.27	5.51	4.48	5.04	5.82	4.47	5.23	5.31	4.00	4.65
11	5.59	4.76	5.31	5.51	4.56	5.14	5.82	4.57	5.24	5.29	4.04	4.90
12	5.61	4.68	5.21	5.52	4.41	5.03	5.89	4.21	5.17	5.47	4.40	5.10
13	5.74	4.88	5.33	5.41	4.29	4.91	5.11	4.02	4.70	5.43	4.75	5.14
14	5.80	4.65	5.40	5.55	4.25	4.93	5.43	4.11	4.96	5.75	4.93	5.44
15	5.96	4.61	5.48	5.44	4.25	5.02	5.36	4.38	5.01	5.91	5.15	5.56
16	6.21	4.79	5.65	5.52	4.27	5.02	5.52	4.39	5.07	6.71	5.66	6.22
17	5.89	4.71	5.38	5.47	4.26	5.03	5.53	4.53	5.05	6.38	5.00	5.74
18	5.68	4.49	5.20	5.56	4.26	5.01	5.49	4.67	5.15	6.02	4.52	5.39
19	---	---	---	5.53	4.05	4.85	5.62	4.91	5.27	5.75	4.62	5.29
20	---	---	---	5.34	4.20	4.87	5.65	5.10	5.36	6.23	4.96	5.60
21	---	---	---	5.34	4.44	4.93	5.62	4.65	5.18	6.23	4.89	5.63
22	---	---	---	5.11	4.42	4.83	5.62	4.49	5.12	6.48	4.84	5.75
23	---	---	---	5.00	4.53	4.78	5.84	4.48	5.21	6.64	4.96	5.99
24	---	---	---	5.23	4.35	4.85	5.91	4.52	5.28	6.46	5.11	5.91
25	---	---	---	5.21	4.16	4.83	5.91	4.35	5.26	5.96	4.68	5.48
26	---	---	---	5.13	4.19	4.70	5.77	4.29	5.15	5.60	4.68	5.21
27	---	---	---	5.59	4.15	4.91	5.70	4.29	5.16	5.73	4.78	5.33
28	---	---	---	5.36	4.09	4.92	5.74	4.32	5.16	5.14	4.44	4.87
29	---	---	---	5.74	4.09	5.13	5.69	4.45	5.18	---	---	---
30	---	---	---	6.11	4.48	5.44	5.74	4.46	5.12	---	---	---
31	---	---	---	6.01	4.59	5.49	5.64	4.54	5.03	---	---	---
MONTH	---	---	---	6.11	4.05	5.06	6.06	4.02	5.16	---	---	---

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: October 2000 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: October 2000 to current year.

INSTRUMENTATION.--Water-quality monitor collecting temperature and specific conductance.

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Jan 3-Feb. 11, May 29-June 18, July 13-29, and Sept. 2-28 when records good.

SALINITY: Records excellent except for Jan 3-Feb. 11, May 29-June 18, July 13-29, and Sept. 2-28 when records good.

WATER TEMPERATURE: Records good except for Sept. 1-28 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 36,000 microseimens, Nov. 8, 2000; minimum, 263 microseimens, June 29, 2001.

SALINITY: Maximum, 16.5 ppt, Oct. 3, 2002; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum recorded, 35.0°C, July 20, 21, 2001; minimum recorded, 2.2°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 20,600 microsiemens/cm, Nov. 19; minimum, 274 microsiemens/cm, July 26.

SALINITY: Maximum, 12.3 ppt, Nov. 19; minimum, 0.1 ppt, on several days.

WATER TEMPERATURE: Maximum, 33.8°C, Aug. 4; minimum, 8.1°C, Feb. 15.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6,540	1,940	4,350	10,700	7,420	8,730	12,600	2,800	8,190	2,740	900	1,430
2	6,080	2,160	4,380	10,800	7,540	9,250	11,900	2,510	8,150	1,520	767	1,020
3	5,900	2,620	5,010	10,100	6,650	9,260	9,810	7,350	8,810	2,000	799	1,180
4	6,730	4,170	5,760	10,300	6,650	9,230	9,630	3,520	7,610	2,180	789	1,260
5	7,030	4,280	6,050	10,400	8,570	9,780	9,860	2,320	5,660	2,060	779	1,450
6	8,180	3,870	6,100	10,700	9,210	10,200	6,890	1,860	3,670	1,120	676	774
7	7,650	3,170	6,630	10,000	4,560	7,970	8,600	1,800	4,320	2,020	588	1,010
8	8,120	5,890	6,980	9,040	3,330	6,750	7,880	2,040	4,980	1,660	1,070	1,340
9	8,550	3,520	5,970	9,130	4,950	7,350	8,000	4,830	6,200	2,160	1,340	1,600
10	14,200	7,730	9,890	9,900	6,430	7,940	9,900	7,100	8,180	1,600	688	1,040
11	10,700	6,110	8,680	9,380	8,430	8,830	9,900	2,840	6,760	2,100	1,030	1,490
12	7,490	3,810	5,680	10,500	9,100	9,760	8,630	3,290	6,400	1,910	675	1,200
13	8,000	6,270	7,260	11,400	6,040	9,540	7,250	5,100	6,580	1,370	582	895
14	7,350	6,500	7,100	11,500	4,530	8,560	6,980	3,110	5,480	1,140	695	902
15	7,220	1,880	3,290	11,800	7,510	10,300	6,900	1,910	4,180	1,650	941	1,290
16	6,440	3,250	5,160	13,400	10,300	11,600	5,250	2,960	4,250	1,530	473	789
17	6,840	4,150	5,880	13,800	11,600	12,800	5,810	1,560	3,590	4,700	921	2,760
18	6,590	1,790	3,700	15,900	12,600	14,500	5,590	3,790	4,490	3,670	1,520	2,340
19	7,180	3,340	5,460	20,600	9,410	15,600	4,980	2,150	3,880	3,970	1,270	2,260
20	7,290	4,840	6,550	14,200	7,660	10,400	4,710	1,200	2,800	2,500	749	1,200
21	7,910	5,260	6,700	16,300	12,300	14,300	4,170	1,820	3,050	2,670	819	1,650
22	9,280	6,710	8,220	14,900	5,870	9,490	3,890	2,530	3,270	3,270	719	2,010
23	9,580	6,970	8,550	15,800	10,300	13,300	3,540	2,970	3,260	3,060	714	1,770
24	8,150	6,140	7,470	19,000	8,000	13,400	3,760	1,410	2,620	2,340	851	1,620
25	8,940	6,360	7,550	17,300	5,720	12,700	3,910	1,210	2,860	3,820	1,260	2,980
26	9,770	6,670	8,280	17,200	10,400	14,000	3,940	1,420	2,920	4,000	3,060	3,680
27	9,040	2,430	5,780	17,300	13,000	15,000	3,090	1,410	2,480	5,490	1,020	2,890
28	9,230	6,880	8,250	16,600	5,600	11,800	3,760	1,550	2,560	3,770	719	1,560
29	9,790	6,770	8,380	12,600	3,970	6,400	4,000	2,050	2,820	3,710	685	1,530
30	9,500	7,750	8,830	13,700	3,210	8,100	3,320	1,060	2,190	3,180	544	1,270
31	9,770	6,390	8,490	---	---	---	2,940	1,480	2,310	2,090	522	888
MONTH	14,200	1,790	6,660	20,600	3,210	10,600	12,600	1,060	4,660	5,490	473	1,580

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	3,800	735	2,020	483	333	391	2,590	473	1,000	4,700	2,520	3,200
2	3,200	1,680	2,170	670	391	489	2,780	505	1,220	3,760	854	2,730
3	3,330	748	1,930	1,020	297	489	1,930	432	1,010	3,770	624	2,040
4	2,400	468	984	1,570	395	710	2,060	508	1,260	2,920	534	1,520
5	3,390	476	1,520	3,630	1,180	2,080	1,270	346	560	2,660	757	1,660
6	4,060	1,610	2,900	3,560	1,500	2,330	3,560	403	1,580	2,420	479	1,250
7	2,830	985	1,450	2,450	966	1,770	1,590	679	1,140	2,870	475	1,460
8	1,300	531	771	1,680	502	762	1,830	598	1,340	2,960	496	1,640
9	1,120	568	762	1,630	538	998	1,710	479	955	2,380	641	1,790
10	806	506	648	1,490	376	633	2,730	573	1,110	3,180	1,140	1,990
11	1,320	443	658	756	555	679	2,760	455	1,300	7,520	1,650	2,990
12	1,320	546	844	951	434	677	2,010	898	1,400	14,400	2,910	6,250
13	852	462	544	1,680	426	694	2,950	624	1,490	14,900	4,390	8,620
14	1,050	422	562	1,730	475	1,080	1,650	426	858	14,900	6,900	11,100
15	1,630	691	1,240	1,780	431	1,010	1,720	412	890	10,200	2,360	5,840
16	1,380	471	706	1,530	766	1,210	791	432	555	11,100	1,970	5,000
17	1,200	453	720	1,350	362	733	1,460	429	750	10,200	1,430	5,920
18	1,240	407	605	2,420	447	1,400	1,340	377	731	14,200	1,120	6,120
19	1,020	383	552	1,620	596	1,150	1,580	399	789	12,000	1,750	5,570
20	871	402	656	1,030	594	802	2,440	436	799	10,200	1,290	5,160
21	923	480	689	944	440	697	2,480	922	1,520	7,410	1,090	3,160
22	1,180	518	812	663	335	430	4,900	1,960	2,740	4,670	930	2,570
23	786	372	558	2,960	432	1,450	7,360	2,000	3,360	5,780	1,290	3,370
24	845	389	597	3,110	915	1,850	9,320	1,190	3,340	5,160	1,790	3,340
25	919	525	744	8,620	577	2,880	6,290	2,000	2,960	4,270	1,190	2,580
26	1,110	384	635	8,740	1,770	4,230	6,220	869	2,760	3,600	758	1,320
27	597	365	455	7,230	579	2,480	1,430	691	1,010	2,010	646	907
28	646	321	403	8,020	831	2,690	2,100	521	716	1,870	597	844
29	591	289	341	7,390	1,180	3,200	6,380	1,600	3,330	4,350	526	1,160
30	---	---	---	4,100	630	1,610	4,650	1,230	3,020	5,570	624	3,760
31	---	---	---	4,140	1,590	2,670	---	---	---	4,760	2,890	4,220
MONTH	4,060	289	947	8,740	297	1,430	9,320	346	1,520	14,900	475	3,520
JUNE			JULY			AUGUST			SEPTEMBER			
1	3,750	2,650	3,070	944	361	584	822	372	644	2,530	1,620	2,060
2	3,650	1,680	2,450	783	369	567	1,100	398	794	2,520	748	1,720
3	2,380	1,270	1,750	813	375	612	717	342	507	2,420	702	1,590
4	2,620	1,090	1,790	878	376	640	528	330	392	3,370	1,160	1,950
5	2,160	807	1,400	587	369	494	728	369	524	2,760	1,050	2,230
6	1,650	641	974	506	361	416	755	357	515	2,580	622	1,910
7	1,260	558	794	383	342	362	763	366	481	2,040	548	1,190
8	3,170	471	1,010	363	315	338	1,100	507	768	1,360	546	763
9	2,430	493	819	363	291	321	1,070	622	881	2,470	538	1,260
10	1,280	494	849	372	308	339	1,460	647	902	2,700	779	1,900
11	2,690	520	1,270	558	329	378	3,150	505	1,370	3,550	687	1,800
12	1,470	440	844	405	303	358	2,540	605	1,890	8,100	1,820	3,850
13	3,080	424	1,070	335	300	315	1,440	415	782	9,130	3,030	6,050
14	1,110	426	799	378	307	324	1,690	374	991	12,100	4,040	8,120
15	1,670	431	998	539	303	394	2,380	889	1,390	8,320	6,270	7,120
16	1,820	632	1,100	810	306	570	2,380	800	1,610	9,780	7,130	8,350
17	1,720	912	1,360	911	336	658	2,760	1,660	2,130	11,000	7,770	9,420
18	2,330	546	1,190	789	419	594	2,330	1,770	2,020	10,800	7,540	9,200
19	---	---	---	581	341	473	2,560	2,090	2,270	12,400	6,320	9,330
20	---	---	---	463	328	381	3,410	2,160	2,610	11,200	8,540	10,000
21	---	---	---	402	310	350	2,530	2,080	2,270	12,400	8,540	10,600
22	---	---	---	313	298	306	2,380	1,360	2,100	12,800	10,200	11,600
23	---	---	---	360	289	310	2,340	1,400	2,100	17,800	9,740	13,500
24	---	---	---	337	289	310	2,500	1,400	2,170	17,000	13,300	15,300
25	---	---	---	437	283	339	2,580	1,850	2,290	15,600	10,400	14,300
26	---	---	---	311	274	293	2,880	1,650	2,300	14,400	7,970	11,500
27	---	---	---	417	294	332	3,010	1,220	2,240	12,200	6,480	10,200
28	---	---	---	506	292	378	2,680	1,440	2,310	10,100	6,700	8,270
29	---	---	---	500	302	382	2,890	1,900	2,530	---	---	---
30	---	---	---	602	321	442	2,610	1,500	2,340	---	---	---
31	---	---	---	897	364	532	2,520	1,580	2,130	---	---	---
MONTH	---	---	---	944	274	422	3,410	330	1,560	---	---	---

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.6	1.0	2.3	6.1	4.1	4.9	7.2	1.4	4.6	1.4	0.4	0.7
2	3.3	1.1	2.3	6.1	4.2	5.2	6.8	1.3	4.5	0.8	0.4	0.5
3	3.2	1.3	2.7	5.7	3.6	5.2	5.5	4.0	4.9	1.0	0.4	0.6
4	3.7	2.2	3.1	5.8	3.6	5.2	5.4	1.8	4.2	1.1	0.4	0.6
5	3.9	2.3	3.3	5.9	4.8	5.5	5.5	1.2	3.1	1.0	0.4	0.7
6	4.5	2.0	3.3	6.1	5.1	5.8	3.8	0.9	1.9	0.6	0.3	0.4
7	4.2	1.6	3.6	5.6	2.4	4.4	4.8	0.9	2.3	1.0	0.3	0.5
8	4.5	3.2	3.8	5.0	1.7	3.7	4.4	1.0	2.7	0.8	0.5	0.7
9	4.8	1.8	3.2	5.1	2.6	4.0	4.4	2.6	3.4	1.1	0.7	0.8
10	8.2	4.3	5.6	5.6	3.5	4.4	5.6	3.9	4.5	0.8	0.3	0.5
11	6.1	3.3	4.8	5.2	4.7	4.9	5.6	1.5	3.7	1.1	0.5	0.7
12	4.1	2.0	3.1	6.0	5.1	5.5	4.8	1.7	3.5	1.0	0.3	0.6
13	4.4	3.4	4.0	6.5	3.3	5.4	4.0	2.7	3.6	0.7	0.3	0.4
14	4.0	3.5	3.9	6.5	2.4	4.8	3.8	1.6	3.0	0.6	0.3	0.4
15	4.0	1.0	1.7	6.7	4.1	5.8	3.8	1.0	2.2	0.8	0.5	0.6
16	3.5	1.7	2.8	7.7	5.8	6.6	2.8	1.5	2.3	0.8	0.2	0.4
17	3.7	2.2	3.2	7.9	6.6	7.3	3.1	0.8	1.9	2.5	0.5	1.4
18	3.6	0.9	2.0	9.3	7.2	8.4	3.0	2.0	2.4	1.9	0.8	1.2
19	3.9	1.7	2.9	12.3	5.3	9.1	2.7	1.1	2.0	2.1	0.6	1.2
20	4.0	2.6	3.6	8.2	4.2	5.9	2.5	0.6	1.5	1.3	0.4	0.6
21	4.4	2.8	3.7	9.5	7.0	8.3	2.2	0.9	1.6	1.4	0.4	0.8
22	5.2	3.7	4.6	8.7	3.2	5.3	2.1	1.3	1.7	1.7	0.4	1.0
23	5.4	3.8	4.8	9.2	5.8	7.7	1.9	1.5	1.7	1.6	0.4	0.9
24	4.5	3.3	4.1	11.3	4.4	7.7	2.0	0.7	1.4	1.2	0.4	0.8
25	5.0	3.5	4.2	10.2	3.1	7.3	2.1	0.6	1.5	2.0	0.6	1.5
26	5.5	3.6	4.6	10.1	5.9	8.1	2.1	0.7	1.5	2.1	1.6	1.9
27	5.0	1.2	3.2	10.2	7.5	8.7	1.6	0.7	1.3	3.0	0.5	1.5
28	5.2	3.8	4.6	9.7	3.0	6.8	2.0	0.8	1.3	2.0	0.4	0.8
29	5.5	3.7	4.7	7.2	2.1	3.5	2.1	1.0	1.5	2.0	0.3	0.8
30	5.3	4.3	4.9	7.9	1.7	4.5	1.7	0.5	1.1	1.7	0.3	0.6
31	5.5	3.5	4.7	---	---	---	1.5	0.7	1.2	1.1	0.3	0.4
MONTH	8.2	0.9	3.7	12.3	1.7	6.0	7.2	0.5	2.5	3.0	0.2	0.8
FEBRUARY			MARCH			APRIL			MAY			
1	2.0	0.4	1.0	0.2	0.2	0.2	1.3	0.2	0.5	2.5	1.3	1.7
2	1.7	0.8	1.1	0.3	0.2	0.2	1.4	0.2	0.6	2.0	0.4	1.4
3	1.7	0.4	1.0	0.5	0.2	0.2	1.0	0.2	0.5	2.0	0.3	1.0
4	1.2	0.2	0.5	0.8	0.2	0.4	1.0	0.3	0.6	1.5	0.3	0.8
5	1.8	0.2	0.8	1.9	0.6	1.1	0.6	0.2	0.3	1.4	0.4	0.8
6	2.1	0.8	1.5	1.9	0.8	1.2	1.9	0.2	0.8	1.2	0.2	0.6
7	1.5	0.5	0.7	1.3	0.5	0.9	0.8	0.3	0.6	1.5	0.2	0.7
8	0.6	0.3	0.4	0.8	0.2	0.4	0.9	0.3	0.7	1.5	0.2	0.8
9	0.6	0.3	0.4	0.8	0.3	0.5	0.9	0.2	0.5	1.2	0.3	0.9
10	0.4	0.2	0.3	0.7	0.2	0.3	1.4	0.3	0.5	1.7	0.6	1.0
11	0.7	0.2	0.3	0.4	0.3	0.3	1.4	0.2	0.7	4.1	0.8	1.6
12	0.7	0.3	0.4	0.5	0.2	0.3	1.0	0.4	0.7	8.3	1.5	3.4
13	0.4	0.2	0.3	0.8	0.2	0.3	1.5	0.3	0.8	8.7	2.3	4.8
14	0.5	0.2	0.3	0.9	0.2	0.5	0.8	0.2	0.4	8.7	3.8	6.3
15	0.8	0.3	0.6	0.9	0.2	0.5	0.9	0.2	0.4	5.8	1.2	3.2
16	0.7	0.2	0.3	0.8	0.4	0.6	0.4	0.2	0.3	6.3	1.0	2.7
17	0.6	0.2	0.4	0.7	0.2	0.4	0.7	0.2	0.4	5.8	0.7	3.3
18	0.6	0.2	0.3	1.2	0.2	0.7	0.7	0.2	0.4	8.2	0.6	3.4
19	0.5	0.2	0.3	0.8	0.3	0.6	0.8	0.2	0.4	6.8	0.9	3.0
20	0.4	0.2	0.3	0.5	0.3	0.4	1.3	0.2	0.4	5.8	0.6	2.8
21	0.5	0.2	0.3	0.5	0.2	0.3	1.3	0.5	0.8	4.1	0.5	1.7
22	0.6	0.3	0.4	0.3	0.2	0.2	2.6	1.0	1.4	2.5	0.5	1.3
23	0.4	0.2	0.3	1.5	0.2	0.7	4.0	1.0	1.8	3.1	0.6	1.8
24	0.4	0.2	0.3	1.6	0.4	0.9	5.2	0.6	1.8	2.8	0.9	1.8
25	0.5	0.3	0.4	4.8	0.3	1.5	3.4	1.0	1.5	2.3	0.6	1.3
26	0.5	0.2	0.3	4.9	0.9	2.3	3.4	0.4	1.4	1.9	0.4	0.7
27	0.3	0.2	0.2	4.0	0.3	1.3	0.7	0.3	0.5	1.0	0.3	0.4
28	0.3	0.2	0.2	4.4	0.4	1.4	1.1	0.3	0.4	0.9	0.3	0.4
29	0.3	0.1	0.2	4.1	0.6	1.7	3.5	0.8	1.8	2.3	0.3	0.6
30	---	---	---	2.2	0.3	0.8	2.5	0.6	1.6	3.0	0.3	2.0
31	---	---	---	2.2	0.8	1.4	---	---	---	2.5	1.5	2.2
MONTH	2.1	0.1	0.5	4.9	0.2	0.7	5.2	0.2	0.8	8.7	0.2	1.9

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.0	1.4	1.6	0.5	0.2	0.3	0.4	0.2	0.3	1.3	0.8	1.0
2	1.9	0.8	1.3	0.4	0.2	0.3	0.5	0.2	0.4	1.3	0.4	0.9
3	1.2	0.6	0.9	0.4	0.2	0.3	0.4	0.2	0.2	1.2	0.3	0.8
4	1.3	0.5	0.9	0.4	0.2	0.3	0.3	0.2	0.2	1.8	0.6	1.0
5	1.1	0.4	0.7	0.3	0.2	0.2	0.4	0.2	0.3	1.4	0.5	1.1
6	0.8	0.3	0.5	0.2	0.2	0.2	0.4	0.2	0.3	1.3	0.3	1.0
7	0.6	0.3	0.4	0.2	0.2	0.2	0.4	0.2	0.2	1.0	0.3	0.6
8	1.6	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.4	0.7	0.3	0.4
9	1.2	0.2	0.4	0.2	0.1	0.2	0.5	0.3	0.4	1.3	0.3	0.6
10	0.6	0.2	0.4	0.2	0.2	0.2	0.7	0.3	0.4	1.4	0.4	1.0
11	1.4	0.3	0.6	0.3	0.2	0.2	1.6	0.2	0.7	1.9	0.3	0.9
12	0.7	0.2	0.4	0.2	0.2	0.2	1.3	0.3	1.0	4.5	0.9	2.0
13	1.6	0.2	0.5	0.2	0.2	0.2	0.7	0.2	0.4	5.1	1.6	3.3
14	0.5	0.2	0.4	0.2	0.2	0.2	0.9	0.2	0.5	6.9	2.1	4.5
15	0.8	0.2	0.5	0.3	0.2	0.2	1.2	0.4	0.7	4.6	3.4	3.9
16	0.9	0.3	0.5	0.4	0.2	0.3	1.2	0.4	0.8	5.5	3.9	4.6
17	0.9	0.4	0.7	0.4	0.2	0.3	1.4	0.8	1.1	6.2	4.3	5.3
18	1.2	0.3	0.6	0.4	0.2	0.3	1.2	0.9	1.0	6.1	4.2	5.1
19	---	---	---	0.3	0.2	0.2	1.3	1.1	1.2	7.1	3.4	5.2
20	---	---	---	0.2	0.2	0.2	1.8	1.1	1.3	6.3	4.7	5.6
21	---	---	---	0.2	0.2	0.2	1.3	1.1	1.2	7.1	4.7	6.0
22	---	---	---	0.2	0.2	0.2	1.2	0.7	1.1	7.4	5.8	6.6
23	---	---	---	0.2	0.1	0.2	1.2	0.7	1.1	10.5	5.5	7.8
24	---	---	---	0.2	0.1	0.2	1.3	0.7	1.1	10.0	7.6	8.9
25	---	---	---	0.2	0.1	0.2	1.3	0.9	1.2	9.1	5.9	8.3
26	---	---	---	0.2	0.1	0.1	1.5	0.8	1.2	8.3	4.4	6.5
27	---	---	---	0.2	0.1	0.2	1.6	0.6	1.1	7.0	3.5	5.8
28	---	---	---	0.2	0.1	0.2	1.4	0.7	1.2	5.7	3.7	4.6
29	---	---	---	0.2	0.2	0.2	1.5	1.0	1.3	---	---	---
30	---	---	---	0.3	0.2	0.2	1.3	0.8	1.2	---	---	---
31	---	---	---	0.4	0.2	0.3	1.3	0.8	1.1	---	---	---
MONTH	---	---	---	0.5	0.1	0.2	1.8	0.2	0.8	---	---	---

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.4	21.0	22.1	25.1	23.0	24.1	15.7	13.9	15.0	16.0	13.4	14.7
2	22.7	20.6	21.7	25.5	23.7	24.5	16.2	14.3	15.2	18.2	15.9	17.0
3	23.0	20.0	21.4	25.7	23.7	24.6	16.8	14.5	15.6	19.1	17.6	18.4
4	24.8	21.6	22.8	25.1	23.7	24.5	17.9	15.5	16.5	20.4	18.7	19.5
5	26.1	23.5	24.6	25.7	23.7	24.6	16.9	14.2	15.4	20.2	17.6	19.5
6	26.5	24.5	25.4	26.0	24.0	24.8	14.2	11.6	12.6	17.6	11.1	13.4
7	27.3	25.3	26.1	24.9	23.3	24.1	13.2	11.1	12.0	11.1	9.1	9.8
8	27.4	25.6	26.5	23.3	21.8	22.5	13.9	11.5	12.8	9.6	8.9	9.2
9	27.1	25.6	26.6	22.8	20.5	21.8	16.1	13.6	14.9	12.8	9.5	11.0
10	26.9	25.7	26.1	23.1	21.3	22.1	15.5	12.2	13.6	11.5	9.7	10.4
11	26.6	25.3	25.9	24.1	21.8	22.9	12.8	10.2	11.7	11.1	8.8	10.0
12	26.4	24.7	25.6	25.5	23.0	24.1	13.3	11.2	12.4	12.4	9.6	11.0
13	26.9	24.9	25.9	24.7	20.3	23.2	13.7	12.5	12.9	13.6	11.5	12.6
14	27.7	25.5	26.4	20.3	18.0	19.1	13.0	11.4	12.2	16.1	13.0	14.5
15	25.8	22.6	23.9	20.3	17.7	19.0	13.8	11.1	12.5	16.8	14.8	15.6
16	24.0	22.0	23.1	21.9	19.4	20.6	14.7	13.4	13.9	16.4	14.8	15.6
17	25.7	22.5	24.1	23.4	20.7	22.1	13.4	9.2	10.8	17.0	15.9	16.5
18	24.8	22.1	23.3	22.9	20.4	22.2	11.7	9.5	10.6	17.0	15.4	16.4
19	23.3	21.5	22.4	20.4	17.4	18.5	12.0	9.8	10.9	15.4	12.9	13.9
20	24.3	21.8	23.0	18.4	15.5	17.3	12.3	9.8	11.1	12.9	10.5	11.5
21	25.1	22.9	23.8	18.9	16.8	18.0	12.8	10.2	11.6	12.4	10.1	11.5
22	24.9	23.2	24.0	20.6	17.9	19.2	14.9	12.0	13.4	13.1	10.5	12.1
23	27.6	23.5	24.6	21.6	19.4	20.6	15.3	14.1	14.6	14.0	11.7	13.0
24	26.5	24.8	25.6	20.5	14.2	16.5	14.3	12.0	13.3	15.5	13.4	14.4
25	25.8	25.0	25.4	14.9	12.4	14.0	13.4	11.2	12.2	17.0	15.3	16.0
26	25.3	23.6	24.8	16.1	13.8	14.9	14.1	11.1	12.6	16.6	15.9	16.4
27	23.6	18.9	21.0	19.9	16.0	18.0	15.4	12.4	13.8	15.9	11.4	13.3
28	20.0	18.6	19.2	19.2	14.1	16.0	17.2	14.1	15.5	11.8	9.7	10.8
29	21.5	18.6	20.0	14.2	12.7	13.6	17.0	14.4	16.4	11.7	9.3	10.4
30	23.0	20.2	21.5	15.2	12.6	14.0	14.8	13.1	14.0	12.5	11.2	11.8
31	24.8	21.9	23.2	---	---	---	13.8	12.2	13.2	12.4	11.5	12.0
MONTH	27.7	18.6	23.9	26.0	12.4	20.4	17.9	9.2	13.3	20.4	8.8	13.6
FEBRUARY			MARCH			APRIL			MAY			
1	12.8	11.0	11.9	18.9	16.0	17.4	21.8	18.9	20.6	24.4	21.9	23.0
2	13.6	12.2	12.7	20.0	18.3	19.3	23.2	20.0	21.6	23.4	21.8	22.4
3	12.9	10.5	11.9	21.7	19.5	20.5	23.9	21.0	22.4	23.8	20.3	22.1
4	12.6	10.7	11.5	22.7	20.6	21.8	25.2	21.7	23.1	26.0	20.7	22.9
5	16.4	12.6	14.7	22.8	20.9	21.9	23.6	21.4	22.4	25.7	22.3	23.9
6	16.6	14.7	16.0	25.4	22.0	23.3	22.6	20.6	21.3	27.3	23.6	25.4
7	14.9	11.8	13.0	23.8	22.1	23.0	23.5	20.9	22.1	27.6	24.4	26.0
8	12.3	10.0	11.2	22.3	19.7	20.8	25.0	22.3	23.5	28.0	25.2	26.7
9	13.1	9.6	11.3	20.6	18.4	19.5	27.1	23.0	24.7	28.1	25.7	26.9
10	13.7	12.9	13.3	19.3	17.0	18.0	26.8	23.9	25.4	27.9	25.2	26.7
11	14.5	13.5	13.8	18.9	15.7	17.3	25.8	23.4	24.4	27.6	25.8	26.8
12	15.3	12.8	14.3	21.4	17.4	19.0	23.8	19.8	21.7	27.2	25.8	26.5
13	12.8	11.3	11.8	20.1	18.2	19.2	19.8	15.1	17.5	27.5	25.3	26.5
14	11.3	10.3	11.0	19.8	18.9	19.4	20.5	16.2	18.0	27.8	25.9	27.0
15	11.0	8.1	9.8	20.1	18.9	19.5	21.0	17.4	19.2	27.3	26.1	26.6
16	13.0	9.7	11.0	22.8	19.5	21.0	22.8	19.4	21.0	27.7	25.8	26.7
17	13.8	10.6	11.9	21.7	19.4	20.8	24.5	21.1	22.5	28.2	26.1	27.2
18	14.1	10.9	12.4	23.1	20.3	21.7	24.6	22.4	23.5	28.0	26.4	27.2
19	14.8	12.3	13.7	24.9	21.9	23.2	25.5	22.9	24.2	28.8	26.0	27.3
20	17.8	14.3	16.0	25.3	22.8	23.9	24.9	23.2	24.0	29.5	26.7	28.0
21	18.9	16.6	17.7	25.0	22.8	23.8	24.4	22.3	23.5	29.7	27.1	28.6
22	18.5	17.0	17.8	22.8	19.2	20.2	25.5	22.8	24.1	30.2	27.5	28.8
23	19.0	17.0	17.7	19.7	16.8	18.4	26.8	24.2	25.5	29.7	27.1	28.4
24	17.5	16.9	17.2	20.1	17.6	18.9	26.7	24.9	25.8	29.5	27.2	28.4
25	17.6	15.9	16.7	21.5	19.2	20.3	27.0	25.3	26.1	29.6	27.2	28.5
26	16.4	12.8	13.8	22.8	19.7	21.2	25.6	24.2	24.7	29.3	27.2	28.3
27	15.7	12.0	13.2	23.4	20.3	21.9	25.5	22.4	24.1	29.2	26.7	28.0
28	14.9	12.3	13.5	23.9	21.4	22.8	24.6	22.4	23.6	29.2	27.1	28.1
29	16.5	13.8	15.2	24.0	22.2	23.1	24.6	22.5	23.5	29.7	27.8	28.7
30	---	---	---	24.2	20.9	22.4	24.4	22.4	23.6	29.4	27.5	28.5
31	---	---	---	22.6	20.3	21.5	---	---	---	30.7	27.8	29.0
MONTH	19.0	8.1	13.7	25.4	15.7	20.8	27.1	15.1	22.9	30.7	20.3	26.7

0738165057 BAYOU DECADE AT LOST LAKE NEAR THERIOT, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.9	28.8	30.0	31.5	29.6	30.5	33.4	29.9	31.1	31.8	28.3	29.9
2	30.4	28.3	29.4	30.8	29.8	30.2	32.8	30.6	31.4	31.5	29.2	30.3
3	30.1	27.9	28.9	31.1	28.9	30.1	32.6	30.3	31.5	30.5	29.2	29.9
4	30.2	28.3	29.4	33.2	29.5	31.3	33.8	30.7	32.1	30.1	28.3	29.3
5	31.4	28.0	29.4	32.5	30.5	31.6	32.9	30.9	31.9	30.8	28.6	29.5
6	31.0	28.0	29.6	32.1	30.6	31.4	32.2	30.4	31.4	31.0	28.6	29.8
7	30.6	28.0	29.3	32.1	30.4	31.3	32.2	28.3	30.1	31.3	28.3	29.8
8	30.6	28.6	29.5	31.4	30.0	30.6	30.3	29.1	29.7	32.4	28.5	30.1
9	31.2	28.6	29.8	30.0	27.6	28.5	31.8	28.8	30.0	32.2	28.6	29.9
10	31.9	29.0	30.4	30.5	27.5	28.8	32.6	29.9	31.0	31.0	28.2	29.6
11	32.1	29.6	30.9	31.9	28.6	30.2	33.0	30.6	31.6	30.5	28.9	29.7
12	32.6	30.2	31.4	33.0	30.0	31.0	31.7	29.3	30.5	29.3	28.3	28.8
13	31.7	30.5	31.0	31.4	29.3	30.3	29.3	25.8	27.3	29.1	27.8	28.4
14	30.5	28.4	29.0	31.2	29.6	30.3	26.7	24.6	25.9	29.4	27.9	28.6
15	30.4	27.7	28.9	33.1	29.3	31.2	27.0	24.5	25.7	28.6	26.7	27.6
16	30.6	28.5	29.5	32.3	30.3	31.3	27.9	24.6	26.3	27.8	25.6	26.7
17	32.0	28.8	30.3	30.9	29.2	30.1	28.7	26.4	27.4	31.2	27.0	28.8
18	32.9	30.3	31.4	29.8	27.8	28.8	29.8	27.3	28.4	31.6	29.1	30.1
19	---	---	---	29.8	28.2	28.9	30.5	28.2	29.4	30.3	28.0	29.2
20	---	---	---	31.7	28.5	30.1	31.1	28.9	30.0	28.8	27.3	28.0
21	---	---	---	31.4	29.6	30.4	31.9	29.4	30.6	27.4	26.0	26.7
22	---	---	---	33.1	29.7	31.3	32.6	29.9	31.2	26.6	25.0	25.8
23	---	---	---	32.8	30.8	31.6	32.5	30.8	31.7	25.1	24.6	24.9
24	---	---	---	33.1	30.0	31.3	32.6	30.3	31.4	26.0	24.4	25.1
25	---	---	---	32.0	30.5	31.2	31.8	30.4	31.1	27.1	25.4	26.1
26	---	---	---	32.1	29.2	30.4	33.6	30.0	31.4	27.7	25.4	26.4
27	---	---	---	31.6	29.0	30.1	32.8	30.5	31.4	27.4	25.4	26.4
28	---	---	---	33.1	28.8	30.8	32.0	30.1	30.8	27.7	25.1	26.3
29	---	---	---	33.6	29.2	31.6	31.6	29.6	30.4	---	---	---
30	---	---	---	33.2	31.5	32.3	30.3	28.4	29.1	---	---	---
31	---	---	---	32.4	30.7	31.7	31.7	27.8	29.3	---	---	---
MONTH	---	---	---	33.6	27.5	30.6	33.8	24.5	30.0	---	---	---

07381670 GULF INTRACOASTAL WATERWAY AT BAYOU SALE RIDGE NEAR FRANKLIN, LA

LOCATION.--Lat 29° 40'51", long 91° 28'14", T. 16 S., R. 10 E., Sec. 4, St. Mary Parish, Hydrologic Unit 08080102, at State Highway 317 bridge, eight miles south of Franklin and five miles west of Wax Lake Outlet.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1999 to January 2000 (discharge measurements only), January 2000 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records fair. Reverse flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 26,200 ft³/s, Oct. 3, 2002; maximum gage height, 6.88 ft, Oct. 3, 2002; maximum negative discharge, -11,600 ft³/s, Oct. 3, 2002; minimum gage height, -0.63 ft, Oct. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 14,600 ft³/s, July 2; maximum gage height, 3.65 ft, June 24; maximum negative discharge, -890 ft³/s, Nov. 18; minimum gage height, 0.27 ft, Oct. 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,600	3,180	7,120	7,050	9,020	10,400	10,600	9,280	7,720	13,400	6,390	3,950
2	5,070	2,820	7,670	7,130	8,620	9,830	9,880	9,820	9,210	13,400	5,700	4,390
3	4,790	2,480	8,100	7,110	8,310	9,450	9,420	10,200	9,530	13,600	5,640	4,300
4	5,040	2,810	8,170	6,990	8,450	9,510	8,970	10,500	9,270	13,600	5,720	4,110
5	4,810	3,260	8,370	6,300	7,920	9,360	9,100	10,600	10,200	13,400	5,140	4,610
6	4,660	2,930	9,280	7,220	6,700	8,440	9,030	10,500	10,300	13,500	5,600	4,510
7	4,420	3,600	9,100	7,690	7,630	8,700	9,590	10,400	10,600	13,400	5,850	4,980
8	4,070	4,440	8,900	7,260	8,470	9,130	10,000	10,100	10,700	13,500	5,050	5,550
9	4,040	4,050	8,740	6,280	8,100	8,420	10,900	9,810	10,900	13,500	5,230	5,150
10	3,740	3,630	7,080	7,770	7,730	9,150	10,300	9,780	11,100	13,200	5,280	5,310
11	3,110	2,890	9,140	8,070	7,810	9,250	10,100	10,100	11,300	13,400	5,720	5,480
12	3,500	3,070	8,460	8,030	7,400	9,510	8,450	10,100	11,800	13,300	6,040	4,840
13	3,590	3,560	7,270	8,080	8,870	9,820	8,170	10,300	12,100	13,000	6,170	4,130
14	2,970	3,790	8,160	8,280	8,990	10,200	9,070	10,400	12,100	12,900	5,990	3,880
15	4,330	3,210	8,110	8,160	8,890	10,600	9,580	10,200	12,600	12,500	5,400	4,270
16	3,100	3,160	6,490	8,470	10,400	10,600	9,800	10,700	12,700	11,700	5,160	6,030
17	2,950	3,640	8,230	8,670	10,600	11,700	9,990	10,300	12,500	11,000	4,780	4,200
18	4,210	3,560	7,410	7,860	11,000	11,500	9,860	10,800	12,500	11,100	4,690	3,790
19	3,650	2,720	7,210	8,520	11,500	11,600	9,120	10,800	12,800	10,800	4,070	3,880
20	3,750	4,810	7,460	9,760	11,400	11,800	8,720	10,400	12,900	10,300	3,060	4,590
21	3,320	3,320	7,410	9,590	11,400	11,700	8,390	10,000	13,100	9,910	3,430	3,960
22	3,060	4,270	7,110	9,590	12,100	12,300	7,420	9,850	13,100	9,230	3,620	4,420
23	3,370	3,950	5,880	9,850	11,900	12,600	6,990	9,390	13,100	8,530	3,660	5,920
24	3,590	4,550	7,900	9,830	11,900	12,700	6,830	8,980	12,900	8,600	3,520	3,970
25	3,100	6,590	7,520	9,600	11,300	12,800	6,690	8,670	12,900	8,270	3,420	4,340
26	3,050	6,210	6,800	9,860	11,600	12,200	7,090	8,410	12,900	8,270	3,140	4,830
27	4,890	4,460	6,670	8,680	13,000	11,900	7,990	8,160	12,700	7,990	3,540	5,320
28	4,200	4,410	6,730	9,990	12,200	11,500	8,370	8,110	12,700	7,160	3,630	5,310
29	4,520	7,480	6,210	9,600	11,300	10,900	8,290	7,890	13,000	7,290	3,620	6,040
30	4,030	6,810	7,430	9,100	---	11,100	9,040	7,160	13,200	7,300	4,300	6,330
31	2,870	---	7,050	9,090	---	10,200	---	6,370	---	6,870	3,930	---
TOTAL	120,400	119,660	237,180	259,480	284,510	328,870	267,750	298,080	352,430	343,920	146,490	142,390

07381670 GULF INTRACOASTAL WATERWAY AT BAYOU SALE RIDGE NEAR FRANKLIN, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	1.95	1.82	2.05	2.50	2.66	2.30	2.75	2.79	3.27	2.05	1.34
2	1.68	2.05	1.83	2.00	2.48	2.56	2.21	2.45	2.83	3.28	1.85	1.39
3	2.09	1.86	2.19	1.97	2.16	2.45	2.12	2.30	2.80	3.30	1.67	1.47
4	2.13	1.85	2.04	2.07	2.22	2.67	2.08	2.41	2.58	3.25	1.59	1.60
5	2.07	1.76	1.74	1.73	2.83	2.85	2.01	2.52	2.54	3.23	1.48	1.61
6	2.05	1.84	1.58	1.16	2.26	2.60	2.33	2.51	2.62	3.16	1.07	1.43
7	2.11	1.40	1.98	1.58	1.71	2.17	2.40	2.47	2.79	3.05	1.27	1.09
8	2.05	1.45	2.19	2.10	1.76	1.88	2.18	2.49	2.89	3.05	1.66	0.97
9	2.24	1.42	2.48	1.95	2.02	1.81	2.10	2.52	2.86	3.15	1.64	1.52
10	2.67	1.82	2.14	1.41	1.96	1.82	2.21	2.64	2.90	3.06	1.55	1.49
11	1.89	2.00	1.83	1.81	2.36	1.92	2.32	2.79	2.90	3.04	1.68	1.57
12	1.99	1.86	2.24	1.80	2.09	1.97	2.19	3.15	2.86	2.92	1.54	1.83
13	2.19	1.41	2.46	1.78	1.95	2.17	1.64	3.22	2.93	2.78	1.13	1.87
14	1.94	1.74	1.85	1.92	2.31	2.28	1.50	3.30	2.97	2.69	1.34	2.19
15	1.71	2.03	2.26	1.95	2.10	2.39	1.73	3.11	3.04	2.71	1.41	2.01
16	1.99	2.01	2.12	2.07	2.17	2.43	1.93	3.07	3.32	2.65	1.54	2.32
17	1.78	2.21	1.20	2.49	2.29	2.54	2.07	3.13	3.26	2.52	1.53	2.28
18	1.31	2.95	1.50	2.42	2.31	2.67	2.21	3.09	3.05	2.51	1.62	1.86
19	1.70	1.17	1.26	1.91	2.47	2.60	2.22	3.12	2.92	2.31	1.80	1.70
20	1.86	1.61	1.42	1.99	2.67	2.61	2.28	3.04	2.88	2.23	1.90	2.19
21	1.78	1.86	1.81	2.13	2.61	2.50	2.49	2.90	2.93	2.25	1.59	2.31
22	1.55	1.81	2.10	2.08	2.78	2.37	2.71	2.90	3.06	2.12	1.54	2.42
23	1.53	2.32	2.00	2.12	2.88	2.75	2.41	2.97	3.06	1.92	1.67	2.65
24	1.79	1.28	1.59	2.24	2.95	2.81	2.41	2.93	3.16	1.94	1.77	2.62
25	2.05	1.83	1.80	2.53	2.99	2.95	2.25	2.87	3.28	1.86	1.73	2.23
26	1.64	2.35	1.96	2.45	2.56	2.89	2.01	2.73	3.14	1.78	1.65	1.84
27	1.18	2.91	1.99	2.03	2.46	2.86	1.84	2.69	3.15	1.92	1.59	1.86
28	1.79	1.92	2.03	1.88	2.52	2.84	2.05	2.62	3.09	1.87	1.56	1.48
29	1.91	1.78	2.22	2.07	2.58	2.72	2.39	2.61	3.11	2.01	1.50	1.37
30	2.30	2.01	1.81	2.24	---	2.57	2.42	3.21	3.19	2.08	1.50	1.71
31	1.88	---	2.10	2.30	---	2.40	---	3.10	---	2.01	1.39	---
MAX	2.67	2.95	2.48	2.53	2.99	2.95	2.71	3.30	3.32	3.30	2.05	2.65
MIN	1.18	1.17	1.20	1.16	1.71	1.81	1.50	2.30	2.54	1.78	1.07	0.97

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 NGVD of 1929 (levels by Corps of Engineers) and 39.57 ft above sea level (levels by Louisiana Department of Transportation and Development). See WSP 1731 for history of changes prior to Mar. 28, 1940. January to September 1985, auxiliary nonrecording gage 6.6 mi downstream from base gage at datum 35.10 ft above sea level.

REMARKS.--Records good. Slight regulation at low flow by Cocodrie Lake. Reverse flow: Nov. 13-15, 1922.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	78	761	586	1,160	1,190	188	254	1,300	1,100	189	51
2	92	76	727	556	1,160	1,160	175	389	1,270	1,120	177	49
3	85	75	681	500	1,140	1,130	164	548	1,250	1,150	164	48
4	80	73	615	444	1,110	1,100	153	628	1,220	1,140	152	48
5	74	72	542	402	1,140	1,070	142	598	1,180	1,110	141	52
6	71	71	476	353	1,220	1,040	135	533	1,150	1,080	129	56
7	71	69	420	317	1,250	1,010	132	468	1,120	1,050	118	60
8	70	67	375	308	1,240	982	130	412	1,080	1,020	109	57
9	73	66	345	324	1,210	952	126	362	1,050	989	101	51
10	86	66	330	329	1,200	921	120	318	1,010	956	94	49
11	90	66	302	338	1,250	891	132	282	978	924	93	48
12	92	67	277	330	1,490	859	142	559	943	892	87	46
13	92	78	297	312	1,660	829	150	1,180	909	860	82	46
14	92	98	310	294	1,740	801	148	1,620	891	826	76	45
15	88	97	319	274	1,790	781	143	2,310	871	793	71	44
16	84	102	319	255	1,770	753	137	2,690	845	759	66	44
17	78	115	304	333	1,710	720	131	2,820	827	724	60	39
18	73	185	283	607	1,630	672	125	2,840	813	687	56	32
19	70	221	261	684	1,570	603	118	2,910	791	629	52	30
20	67	253	242	707	1,510	536	112	2,810	772	560	53	29
21	64	310	224	697	1,460	472	106	2,630	753	489	59	30
22	62	311	209	672	1,420	415	102	2,400	730	425	58	30
23	60	301	214	635	1,390	370	98	2,150	732	369	60	33
24	59	315	215	578	1,360	335	102	1,940	761	322	63	47
25	58	305	211	691	1,340	308	138	1,770	890	293	66	56
26	72	298	207	814	1,320	282	192	1,650	1,010	293	64	60
27	81	596	201	884	1,290	256	219	1,550	1,060	280	62	67
28	83	750	193	891	1,260	235	238	1,480	1,080	265	59	67
29	82	792	270	874	1,230	224	235	1,410	1,090	242	58	61
30	81	787	394	957	---	218	222	1,370	1,100	221	54	57
31	80	---	533	1,110	---	203	---	1,340	---	205	53	---
TOTAL	2,412	6,760	11,057	17,056	40,020	21,318	4,455	44,221	29,476	21,773	2,726	1,432
MEAN	77.8	225	357	550	1,380	688	148	1,426	983	702	87.9	47.7
MAX	102	792	761	1,110	1,790	1,190	238	2,910	1,300	1,150	189	67
MIN	58	66	193	255	1,110	203	98	254	730	205	52	29
AC-FT	4,780	13,410	21,930	33,830	79,380	42,280	8,840	87,710	58,470	43,190	5,410	2,840
CFSM	0.32	0.94	1.49	2.29	5.75	2.87	0.62	5.94	4.09	2.93	0.37	0.20
IN.	0.37	1.05	1.71	2.64	6.20	3.30	0.69	6.85	4.57	3.37	0.42	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2004, BY WATER YEAR (WY)

MEAN	201	330	528	639	686	646	598	541	335	273	215	188
MAX	1,174	2,534	1,738	1,780	1,380	1,287	1,672	4,052	1,175	1,921	943	698
(WY)	(1985)	(2003)	(1983)	(1983)	(2004)	(1997)	(1995)	(1953)	(1989)	(1989)	(1975)	(1979)
MIN	15.6	49.5	66.4	103	65.1	110	118	54.0	57.4	63.1	39.6	47.7
(WY)	(2000)	(2000)	(1925)	(1981)	(2000)	(2000)	(1963)	(2001)	(1960)	(1960)	(2000)	(2004)

MISSISSIPPI RIVER DELTA

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1923 - 2004	
ANNUAL TOTAL	129,479		202,706		433	
ANNUAL MEAN	355		554		720	1983
HIGHEST ANNUAL MEAN					113	2000
LOWEST ANNUAL MEAN					25,000	May 19, 1953
HIGHEST DAILY MEAN	1,240	Feb 24	2,910	May 19	a0.00	Nov 13, 1922
LOWEST DAILY MEAN	50	Aug 19	29	Sep 20	7.7	Nov 25, 1999
ANNUAL SEVEN-DAY MINIMUM	58	Aug 14	32	Sep 17	28,200	May 18, 1953
MAXIMUM PEAK FLOW			2,930	May 19	26.72	May 18, 1953
MAXIMUM PEAK STAGE			20.43	May 19	bc0.80	Nov 25, 1999
INSTANTANEOUS LOW FLOW			d28	Sep 19	*	
INSTANTANEOUS LOW STAGE			d4.60	Sep 19	314,100	
ANNUAL RUNOFF (AC-FT)	256,800		402,100		1.81	
ANNUAL RUNOFF (CFSM)	1.48		2.31		24.54	
ANNUAL RUNOFF (INCHES)	20.07		31.42		980	
10 PERCENT EXCEEDS	902		1,260		271	
50 PERCENT EXCEEDS	209		310		83	
90 PERCENT EXCEEDS	72		60			

a Reverse flow Nov. 13-15, 1922, probably caused by heavy rains in basin below station.

b Regulated flow

c Also occurred on Nov. 26, 1999

d Also occurred on Sep. 20

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.71	5.32	13.14	12.35	16.39	16.51	7.29	8.16	17.26	15.93	7.61	5.06
2	5.56	5.28	12.88	12.10	16.38	16.30	7.12	9.75	17.02	16.04	7.42	5.03
3	5.45	5.27	12.50	11.62	16.21	16.08	6.95	11.33	16.89	16.25	7.21	5.00
4	5.35	5.23	11.95	11.13	16.01	15.85	6.79	12.07	16.66	16.19	7.01	4.99
5	5.26	5.21	11.31	10.74	16.19	15.64	6.62	11.80	16.42	16.02	6.83	5.09
6	5.20	5.20	10.71	10.27	16.77	15.43	6.50	11.19	16.18	15.81	6.62	5.17
7	5.20	5.17	10.19	9.87	16.97	15.20	6.45	10.56	15.96	15.58	6.42	5.26
8	5.18	5.13	9.74	9.72	16.86	14.97	6.40	10.00	15.71	15.36	6.25	5.19
9	5.23	5.12	9.41	9.97	16.66	14.74	6.32	9.47	15.47	15.14	6.10	5.06
10	5.46	5.11	9.26	10.03	16.55	14.49	6.22	8.96	15.22	14.90	5.98	5.02
11	5.52	5.11	8.93	10.12	16.94	14.26	6.45	8.52	14.97	14.67	5.94	4.99
12	5.56	5.13	8.61	10.03	18.34	14.01	6.61	11.25	14.72	14.43	5.83	4.96
13	5.56	5.31	8.93	9.79	19.02	13.76	6.75	16.39	14.46	14.18	5.72	4.95
14	5.56	5.65	9.14	9.51	19.25	13.54	6.72	18.61	14.33	13.93	5.60	4.92
15	5.50	5.64	9.30	9.20	19.37	13.37	6.63	19.73	14.19	13.66	5.48	4.91
16	5.43	5.71	9.35	8.89	19.33	13.14	6.54	20.16	14.00	13.39	5.37	4.89
17	5.32	5.91	9.17	9.84	19.16	12.87	6.43	20.31	13.87	13.12	5.26	4.80
18	5.22	6.97	8.91	12.49	18.95	12.45	6.30	20.33	13.77	12.82	5.19	4.67
19	5.17	7.50	8.62	13.09	18.72	11.84	6.18	20.41	13.60	12.33	5.09	4.62
20	5.13	7.92	8.36	13.25	18.50	11.22	6.06	20.30	13.47	11.72	5.10	4.61
21	5.07	8.64	8.11	13.15	18.26	10.61	5.95	20.09	13.33	11.08	5.24	4.63
22	5.04	8.65	7.90	12.94	18.03	10.03	5.87	19.83	13.15	10.47	5.21	4.63
23	5.01	8.53	8.02	12.62	17.86	9.56	5.78	19.56	13.18	9.90	5.25	4.69
24	4.99	8.70	8.06	12.13	17.69	9.16	5.86	19.29	13.41	9.39	5.32	4.98
25	4.98	8.59	8.03	13.02	17.55	8.85	6.53	19.02	14.41	9.05	5.37	5.17
26	5.21	8.50	7.99	13.96	17.38	8.52	7.36	18.76	15.30	9.05	5.35	5.25
27	5.37	11.60	7.91	14.47	17.19	8.21	7.72	18.50	15.63	8.91	5.31	5.41
28	5.41	13.00	7.79	14.51	16.97	7.93	7.97	18.25	15.76	8.72	5.24	5.40
29	5.40	13.36	9.10	14.37	16.74	7.79	7.94	18.00	15.87	8.40	5.22	5.28
30	5.38	13.33	10.66	14.97	---	7.71	7.77	17.75	15.90	8.10	5.14	5.20
31	5.36	---	11.90	16.00	---	7.51	---	17.50	---	7.86	5.11	---
MAX	5.71	13.36	13.14	16.00	19.37	16.51	7.97	20.41	17.26	16.25	7.61	5.41
MIN	4.98	5.11	7.79	8.89	16.01	7.51	5.78	8.16	13.15	7.86	5.09	4.61

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA

LOCATION.--Lat 30° 37'05", long 92° 03'20", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ 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 NGVD of 1929. Prior to Aug. 23, 1948, nonrecording gage at same site and datum. Water-stage recorder for Bayou Courtableau near Washington (station 07382495) used as auxiliary gage for this station since Feb. 28, 1949. Prior to Feb. 28, 1949, auxiliary nonrecording gage 3.5 mi upstream from base at same datum.

REMARKS--Records good except below 100 cfs, which are poor. Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 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.--58 years, 1,108 ft³/s, 802,746 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 9,490 ft³/s, May 21, 1953; maximum gage height, 35.29 ft, May 22, 1953; no flows at times; maximum negative discharge, -536 ft³/s, Apr. 30, 2004; minimum gage height, 10.72 ft, Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 5,990 ft³/s, May 23; maximum gage height, 28.85 ft, Feb. 14; maximum negative discharge, -536 ft³/s, Apr. 30; minimum gage height, 16.39 ft, Dec. 10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438	93	2,040	2,050	3,850	3,440	373	3,000	4,710	4,200	250	100
2	362	96	1,650	1,760	3,950	3,080	360	3,690	4,540	4,130	270	118
3	303	91	1,280	1,450	4,000	2,740	286	3,800	4,270	4,050	215	97
4	274	80	1,040	1,160	4,040	2,360	278	3,870	3,970	3,940	157	99
5	245	69	852	1,960	4,120	2,060	208	3,740	3,590	3,780	169	136
6	230	61	707	2,200	4,180	1,890	277	3,310	3,100	3,510	164	97
7	156	84	623	1,530	4,130	1,910	264	2,450	2,610	3,170	156	80
8	109	54	556	1,170	4,290	1,810	195	1,530	2,120	2,730	186	76
9	162	57	488	1,500	4,420	1,630	216	1,090	1,790	2,230	141	83
10	131	72	477	1,510	4,430	1,470	243	900	1,600	1,790	157	66
11	128	76	485	1,260	4,280	1,340	274	771	1,410	1,570	153	67
12	140	53	433	979	4,030	1,270	266	2,010	1,250	1,400	126	67
13	81	51	1,020	804	4,260	1,210	300	3,520	1,200	1,260	243	79
14	65	51	1,790	730	4,530	1,190	285	3,700	1,200	1,200	243	89
15	33	51	1,510	660	4,770	1,600	207	3,770	1,570	1,100	211	55
16	53	42	1,180	570	5,000	1,610	92	4,270	1,680	1,030	127	96
17	44	73	893	1,030	5,130	1,470	116	4,710	1,920	924	69	100
18	---	534	660	3,240	5,190	1,280	125	5,070	2,340	868	63	77
19	45	1,150	517	3,460	5,210	1,110	116	5,400	2,290	810	90	47
20	56	1,160	467	3,290	5,130	973	146	5,620	2,200	741	81	59
21	52	1,010	392	3,020	5,010	849	172	5,750	2,130	657	97	72
22	63	897	353	2,510	4,870	743	154	5,860	1,880	626	96	53
23	63	797	405	1,890	4,680	661	151	5,880	2,240	496	114	43
24	84	1,180	527	1,480	4,510	537	176	5,890	3,190	386	122	56
25	86	1,060	534	2,540	4,370	443	326	5,850	3,440	314	128	70
26	110	842	529	3,550	4,280	467	1,160	5,800	3,510	296	150	67
27	67	1,130	481	3,790	4,150	462	1,060	5,700	3,740	432	153	58
28	40	2,430	415	3,880	4,000	417	808	5,580	3,990	496	134	65
29	54	2,640	827	3,810	3,780	398	575	5,390	4,180	341	102	66
30	87	2,430	2,110	3,710	---	316	606	5,170	4,270	277	89	75
31	86	---	2,270	3,790	---	294	---	4,920	---	252	91	---
TOTAL	---	18,414	27,511	66,283	128,590	41,030	9,815	128,011	81,930	49,006	4,547	2,313
MEAN	---	614	887	2,138	4,434	1,324	327	4,129	2,731	1,581	147	77.1
MAX	---	2,640	2,270	3,880	5,210	3,440	1,160	5,890	4,710	4,200	270	136
MIN	---	42	353	570	3,780	294	92	771	1,200	252	63	43
AC-FT	---	36,520	54,570	131,500	255,100	81,380	19,470	253,900	162,500	97,200	9,020	4,590

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.69	18.41	19.81	19.97	25.90	23.27	18.51	23.63	24.91	25.87	18.44	18.51
2	18.52	18.39	18.80	19.48	25.76	22.34	18.48	25.22	24.28	25.55	18.48	18.52
3	18.50	18.37	18.21	18.85	25.31	21.25	18.56	25.47	23.88	25.20	18.42	18.52
4	18.52	18.34	17.90	18.48	24.72	20.31	18.48	25.05	23.44	24.83	18.46	18.53
5	18.51	18.33	17.57	20.28	24.75	19.81	18.51	24.07	22.59	24.34	18.45	18.56
6	18.48	18.35	17.53	21.32	25.87	19.96	18.58	22.52	21.67	23.72	18.38	18.54
7	18.43	18.40	17.33	20.20	26.72	20.01	18.45	20.64	20.91	22.94	18.51	18.54
8	18.41	18.42	17.03	19.24	26.90	19.86	18.49	19.39	20.14	22.09	18.44	18.51
9	18.30	18.44	16.67	19.42	26.54	19.58	18.55	18.86	19.69	20.99	18.45	18.48
10	18.25	18.45	16.51	19.24	26.41	19.28	18.59	18.70	19.46	20.15	18.51	18.45
11	18.38	18.47	16.68	18.67	27.17	19.27	18.50	18.65	19.20	19.71	18.40	18.40
12	18.54	18.48	16.56	18.47	28.59	19.25	18.49	22.24	19.26	19.36	18.49	18.34
13	18.51	18.48	17.53	18.56	28.81	19.20	18.51	26.15	19.19	19.25	18.49	18.31
14	18.36	18.47	19.46	18.27	28.81	19.21	18.59	27.13	19.15	19.10	18.54	18.29
15	18.40	18.47	18.82	17.83	28.73	19.57	18.45	28.49	19.56	19.11	18.48	18.24
16	18.44	18.46	17.99	17.61	28.49	19.66	18.43	28.61	19.94	19.10	18.44	18.25
17	18.47	18.46	17.25	18.36	28.23	19.52	18.49	28.46	20.53	18.93	18.42	18.28
18	---	18.59	16.83	22.71	27.98	19.34	18.44	28.39	20.91	18.83	18.38	18.29
19	18.48	19.42	16.92	23.43	27.73	19.17	18.48	28.29	20.78	18.82	18.37	18.25
20	18.47	19.52	16.77	23.08	27.44	18.94	18.59	28.17	20.48	18.69	18.37	18.19
21	18.44	19.30	16.56	22.04	27.11	18.76	18.53	28.04	20.24	18.79	18.44	18.16
22	18.40	19.12	16.70	20.58	26.71	18.74	18.48	27.86	19.85	18.65	18.49	18.13
23	18.39	18.97	16.69	19.26	26.32	18.67	18.48	27.67	20.80	18.53	18.52	18.11
24	18.40	19.40	17.19	18.53	26.00	18.58	18.44	27.47	22.99	18.55	18.55	18.12
25	18.43	19.27	17.48	20.55	25.73	18.63	18.62	27.28	25.11	18.53	18.56	18.17
26	18.31	18.73	17.52	23.88	25.44	18.62	19.22	27.09	26.26	18.49	18.59	18.21
27	18.29	18.98	17.32	24.30	25.07	18.65	19.28	26.90	26.63	18.68	18.58	18.24
28	18.34	20.78	16.96	24.36	24.61	18.62	18.88	26.67	26.58	18.65	18.43	18.25
29	18.36	21.40	17.41	24.04	24.03	18.53	18.66	26.37	26.32	18.55	18.46	18.26
30	18.38	20.88	20.05	25.02	---	18.53	19.60	25.96	25.98	18.46	18.51	18.26
31	18.40	---	20.36	25.60	---	18.55	---	25.47	---	18.37	18.51	---
MAX	---	21.40	20.36	25.60	28.81	23.27	19.60	28.61	26.63	25.87	18.59	18.56
MIN	---	18.33	16.51	17.61	24.03	18.53	18.43	18.65	19.15	18.37	18.37	18.11

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 Glaises.

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 NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Prior to Oct. 13, 1950, nonrecording gage at same site. Prior to Sept. 30, 1961, at datum 4.84 ft higher. Water-stage recorder for Bayou des Glaises diversion channel near Moreauville (station 07383510) used as auxiliary gage for this station since Apr. 17, 1972.

REMARKS.--Records good. Diversion channel carries natural flow of Bayou des Glaises except when operation of floodgates, 12 mi downstream from point of diversion, regulates flow into or out of bayou depending on stage in Red River and Old River overflow area. Flow includes diversion from Bayou Boeuf into Chatlin Lake Canal and is occasionally affected by diversion into or out of Red River and Old River overflow area. Channel discharges into West Protection Levee borrow pit channel, 6.0 mi downstream. Satellite telemetry at station.

AVERAGE DISCHARGE.--61 years, 614 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 discharge, 2.7 ft³/s, Oct. 13, 14, 15, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,140 ft³/s, Feb. 12, gage height, 18.52 ft; maximum gage height, 18.93 ft, Feb 5; minimum discharge, 4.6 ft³/s, Nov. 16, gage height, 0.78 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	113	5.5	1,030	738	1,290	1,230	121	284	1,420	1,600	200	57
2	109	5.5	1,020	718	1,260	1,170	111	654	1,350	1,650	170	61
3	107	5.4	989	673	1,210	1,120	90	699	1,440	1,650	172	63
4	111	5.4	937	578	1,160	e1,050	111	720	1,330	1,620	167	51
5	110	5.4	877	611	1,610	983	125	694	1,240	1,560	155	45
6	105	6.7	819	499	1,830	929	105	589	1,260	1,480	153	47
7	114	6.6	758	349	1,660	870	106	414	1,250	1,410	143	54
8	99	6.2	689	312	1,600	813	134	284	1,110	e1,340	133	56
9	89	6.1	564	619	1,550	753	147	220	e1,040	e1,260	130	57
10	86	5.9	410	662	1,540	665	139	170	982	e1,180	127	47
11	80	6.0	306	587	1,740	501	127	159	920	e1,110	127	38
12	72	6.1	249	463	2,080	367	148	e1,000	845	e1,050	114	35
13	71	6.3	421	347	1,920	284	175	1,520	788	987	88	38
14	65	5.8	566	265	1,920	238	170	1,470	855	917	73	42
15	55	5.2	483	214	2,000	235	144	1,760	e965	851	89	42
16	49	9.2	376	180	1,950	279	108	1,710	1,020	786	83	48
17	47	42	285	e606	1,920	286	86	1,720	e1,110	694	82	57
18	e43	563	218	1,320	1,890	242	85	1,830	1,120	512	72	54
19	42	728	175	e1,050	1,850	210	75	1,980	1,110	347	64	48
20	36	670	144	995	1,810	198	69	1,940	1,140	273	64	42
21	33	657	124	945	1,770	174	78	1,930	e1,040	260	74	37
22	29	612	111	908	1,680	156	83	1,930	e1,020	258	91	34
23	23	511	175	862	1,650	148	120	1,920	1,370	263	83	e31
24	16	767	293	812	1,640	155	140	1,890	1,450	248	77	e30
25	12	664	309	e1,340	1,610	146	154	1,850	1,530	216	83	e29
26	11	538	259	1,360	1,560	102	488	1,810	1,570	204	78	e29
27	11	1,630	203	1,180	1,480	88	573	1,760	1,550	369	72	e30
28	11	1,380	161	1,150	1,390	83	440	1,700	1,570	428	84	e37
29	9.5	e1,120	490	1,110	1,310	134	302	1,630	1,600	372	69	43
30	7.7	1,040	798	1,390	---	155	220	1,540	1,610	327	58	38
31	6.3	---	733	1,340	---	131	---	1,470	---	260	58	---
TOTAL	1,772.5	11,019.3	14,972	24,183	47,880	13,895	4,974	39,247	36,605	25,482	3,233	1,320
MEAN	57.2	367	483	780	1,651	448	166	1,266	1,220	822	104	44.0
MAX	114	1,630	1,030	1,390	2,080	1,230	573	1,980	1,610	1,650	200	63
MIN	6.3	5.2	111	180	1,160	83	69	159	788	204	58	29
AC-FT	3,520	21,860	29,700	47,970	94,970	27,560	9,870	77,850	72,610	50,540	6,410	2,620
CAL YR	2003	TOTAL 136,582.8	MEAN 374	MAX 1630	MIN 5.2	AC-FT 270900						
WTR YR	2004	TOTAL 224,582.8	MEAN 614	MAX 2080	MIN 5.2	AC-FT 445500						

e Estimated

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.28	0.81	8.75	7.23	10.27	9.74	2.38	3.89	10.68	12.94	3.15	1.65
2	2.24	0.81	8.71	7.11	9.90	9.48	2.28	6.58	10.32	12.45	2.87	1.68
3	2.21	0.81	8.55	6.84	9.66	9.21	2.04	6.86	11.11	11.95	2.88	1.70
4	2.26	0.81	8.28	6.25	9.39	8.84	2.27	6.99	10.28	11.62	2.83	1.57
5	2.24	0.81	7.96	6.46	14.96	8.48	2.43	6.83	9.82	11.30	2.72	1.50
6	2.20	0.86	7.64	5.73	18.15	8.19	2.22	6.17	10.08	10.95	2.69	1.53
7	2.29	0.86	7.30	4.66	15.95	7.87	2.22	4.95	10.08	10.62	2.60	1.61
8	2.13	0.84	6.90	4.36	13.58	7.54	2.52	3.91	9.24	10.27	2.50	1.63
9	2.00	0.84	6.13	6.50	12.07	7.19	2.65	3.34	8.82	9.91	2.46	1.64
10	1.97	0.83	5.08	6.78	11.96	6.65	2.57	2.86	8.48	9.59	2.42	1.53
11	1.91	0.83	4.30	6.31	14.87	5.57	2.45	2.77	8.14	9.24	2.43	1.42
12	1.82	0.84	3.83	5.49	18.24	4.60	2.66	8.43	7.72	8.88	2.29	1.39
13	1.81	0.84	5.12	4.64	16.52	3.91	2.91	14.92	7.40	8.51	2.00	1.43
14	1.74	0.83	6.18	3.98	15.75	3.51	2.87	14.10	7.78	8.13	1.83	1.47
15	1.62	0.80	5.63	3.53	15.62	3.48	2.62	16.47	9.33	7.76	2.01	1.46
16	1.55	0.92	4.86	3.21	14.17	3.87	2.24	14.47	9.62	7.38	1.94	1.54
17	1.52	1.44	4.15	6.75	13.43	3.94	2.00	13.47	11.16	6.83	1.92	1.65
18	---	5.90	3.56	12.83	13.04	3.54	1.99	13.49	9.92	5.65	1.82	1.61
19	1.46	7.04	3.16	9.80	12.75	3.25	1.88	14.28	9.26	4.43	1.71	1.53
20	1.39	6.69	2.87	8.55	12.49	3.13	1.81	13.48	9.62	3.82	1.72	1.47
21	1.35	6.61	2.66	8.28	12.19	2.90	1.92	13.05	9.08	3.71	1.83	1.41
22	1.30	6.32	2.53	8.07	11.83	2.74	1.97	12.89	8.94	3.69	2.03	1.36
23	1.22	5.64	3.14	7.82	12.04	2.66	2.37	12.76	11.66	3.74	1.93	---
24	1.09	7.27	4.21	7.54	12.10	2.72	2.58	12.65	14.07	3.60	1.87	---
25	1.00	6.65	4.34	13.32	12.11	2.64	2.71	12.51	16.48	3.31	1.93	---
26	0.97	5.83	3.93	13.69	11.69	2.18	5.45	12.34	15.30	3.18	1.88	---
27	0.97	12.46	3.42	10.62	11.00	2.02	6.06	12.16	13.56	4.59	1.82	---
28	0.98	11.83	3.03	9.42	10.53	1.97	5.14	11.92	13.15	5.06	1.95	---
29	0.94	9.34	5.42	9.17	10.12	2.52	4.07	11.61	12.47	4.64	1.78	1.47
30	0.89	8.79	7.57	12.03	---	2.73	3.34	11.22	11.95	4.28	1.65	1.42
31	0.84	---	7.20	11.52	---	2.49	---	10.90	---	3.71	1.65	---
MAX	2.29	12.46	8.75	13.69	18.24	9.74	6.06	16.47	16.48	12.94	3.15	1.70
MIN	0.84	0.80	2.53	3.21	9.39	1.97	1.81	2.77	7.40	3.18	1.65	---

07384400 STATE CANAL NEAR KROTZ SPRINGS, LA

LOCATION.--Lat 30° 33'57", long 91° 49'53", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ 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 only).

GAGE.--Water-stage recorder. Datum of gage is 2.55 ft above NGVD 29. Crest-stage gage prior to 1967 at datum 2.55 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.64 ft, May 27, 1973; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.82 ft, May 18, 19; minimum gage height, 9.85 ft, Nov. 14, 15, 16.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.87	9.99	13.77	13.74	16.18	16.40	12.44	16.11	16.15	17.01	12.56	11.05
2	10.76	9.99	13.72	13.75	16.23	16.23	12.35	16.65	15.97	17.02	12.55	11.01
3	10.65	9.98	13.55	13.66	16.21	16.04	12.27	16.78	15.88	16.97	12.48	10.96
4	10.55	9.98	13.36	13.47	16.17	15.84	12.18	16.75	15.78	16.90	12.38	10.92
5	10.45	9.99	13.20	13.66	16.23	15.60	12.08	16.64	15.72	16.84	12.26	11.01
6	10.38	10.00	12.98	14.35	16.46	15.37	11.99	16.46	15.86	16.80	12.13	11.05
7	10.31	10.00	12.80	14.49	16.49	15.13	11.94	16.15	15.90	16.73	11.98	11.03
8	10.25	9.99	12.65	14.41	16.48	14.88	11.90	15.77	15.83	16.69	11.85	10.96
9	10.20	9.97	12.54	14.39	16.45	14.66	11.87	15.35	15.70	16.61	11.73	10.90
10	10.20	9.95	12.46	14.36	16.54	14.46	11.83	14.90	15.54	16.45	11.63	10.83
11	10.17	9.92	12.30	14.28	16.94	14.23	11.80	14.51	15.38	16.24	11.54	10.74
12	10.14	9.91	12.13	14.10	17.44	14.01	11.76	15.47	15.17	15.98	11.46	10.66
13	10.11	9.89	12.23	13.86	17.56	13.81	11.71	16.60	14.93	15.66	11.37	10.59
14	10.07	9.86	12.87	13.65	17.66	13.70	11.65	17.00	14.68	15.32	11.28	10.53
15	10.04	9.85	13.56	13.46	17.73	13.77	11.58	17.58	14.55	14.97	11.19	10.48
16	10.01	9.87	13.69	13.28	17.74	13.79	11.52	17.69	14.61	14.61	11.13	10.42
17	9.99	9.89	13.62	13.39	17.73	13.72	11.47	17.72	15.09	14.31	11.09	10.39
18	9.97	10.07	13.45	14.39	17.70	13.61	11.43	17.78	15.26	14.06	11.02	10.37
19	9.95	10.25	13.21	14.90	17.64	13.49	11.38	17.78	15.23	13.81	10.95	10.34
20	9.93	10.35	13.00	15.02	17.57	13.37	11.33	17.76	15.29	13.64	10.93	10.31
21	9.93	10.45	12.83	15.04	17.48	13.28	11.30	17.69	15.31	13.52	11.04	10.30
22	9.93	10.54	12.67	14.94	17.38	13.17	11.28	17.62	15.36	13.40	11.05	10.28
23	9.95	10.59	12.52	14.74	17.35	13.07	11.23	17.55	15.62	13.26	11.05	10.28
24	9.96	10.77	12.38	14.48	17.27	12.97	11.18	17.45	16.05	13.14	11.04	10.29
25	9.97	11.13	12.23	14.47	17.16	12.90	11.39	17.34	16.69	13.04	11.05	10.29
26	10.06	11.64	12.10	14.93	17.03	12.83	13.07	17.23	17.03	12.94	11.14	10.29
27	10.07	11.97	11.97	15.17	16.89	12.76	13.56	17.11	17.09	12.83	11.19	10.28
28	10.06	12.44	11.85	15.29	16.73	12.68	13.54	16.96	17.08	12.73	11.19	10.27
29	10.04	13.21	11.91	15.36	16.57	12.66	13.38	16.78	17.05	12.65	11.15	10.27
30	10.01	13.67	12.51	15.84	---	12.62	13.80	16.58	17.02	12.64	11.10	10.28
31	10.0	---	13.41	16.09	---	12.54	---	16.36	---	12.61	11.07	---
MAX	10.87	13.67	13.77	16.09	17.74	16.40	13.80	17.78	17.09	17.02	12.56	11.05
MIN	9.93	9.85	11.85	13.28	16.17	12.54	11.18	14.51	14.55	12.61	10.93	10.27

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 NGVD of 1929. Prior to May 11, 1949, nonrecording gage. May 12, 1949 to May 11, 1960, water-stage recorder, May 26, 1960 to Aug. 15, 1961, nonrecording gage. All gages at same site and datum. Water-stage recorder for Bayou Teche at Robin (station 07385470) used as auxiliary gage for this station. Prior to Feb. 4, 1953, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated mean daily discharges which are poor. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at Weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des 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.

AVERAGE DISCHARGE.--55 years, 904 ft³/s, 657,122 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,630 ft³/s, May 24, 1953; maximum gage height, 24.27 ft, May 23, 1953; minimum discharge, 53 ft³/s, Aug. 12, 1965, minimum gage height, 6.78 ft, Oct. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,370 ft³/s, May 15, maximum gage height, 22.83 ft, May 15; minimum recorded discharge, 530 ft³/s; minimum recorded gage height, 11.83, Dec. 1, but could have been lower during period of missing record.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	974	935	676	e800	e1,650	e1,190	e940	e1,500	1,350	1,910	944	942
2	964	923	e750	e780	e1,500	e1,200	e940	e1,450	1,290	1,880	1,000	963
3	955	921	e700	e770	e1,400	e1,100	e950	e1,500	1,270	1,740	961	964
4	962	917	e730	e760	e1,300	e980	e960	1,610	1,230	1,580	948	944
5	965	920	e720	e850	e1,600	e930	e950	1,430	1,200	1,440	953	944
6	962	918	e720	e950	e1,800	e980	e960	1,280	1,240	1,350	937	944
7	958	917	e730	e910	e1,570	e1,000	e970	1,120	1,160	1,300	945	941
8	954	922	e710	e900	e1,540	e1,000	936	1,050	1,070	1,270	946	938
9	942	923	e580	e1,000	e1,470	e990	947	1,010	1,030	1,200	940	934
10	995	929	e570	e900	e1,580	e970	953	982	1,020	1,120	952	930
11	978	930	e540	e800	e1,600	e970	952	951	1,000	1,060	941	925
12	973	925	e540	e770	e1,740	e980	938	1,800	1,030	1,050	945	932
13	970	930	e700	e800	e1,650	e980	941	1,560	1,030	1,020	950	927
14	949	924	e780	e820	e1,450	e1,000	945	1,460	1,030	1,010	947	903
15	936	924	e740	e790	e1,600	e1,120	944	1,920	1,030	1,010	950	893
16	944	926	e680	e750	e1,550	e1,200	928	1,500	1,070	1,020	941	888
17	949	922	e580	e850	e1,550	e1,000	939	1,510	1,130	993	944	893
18	949	973	e560	e1,150	e1,530	e1,000	931	1,470	1,070	970	940	896
19	950	1,000	e560	e1,200	e1,500	e1,000	933	1,080	1,060	967	936	890
20	950	1,010	e560	e1,150	e1,520	e990	945	1,030	1,170	957	934	882
21	949	996	e550	e1,080	e1,560	e980	942	1,030	1,080	972	941	879
22	943	982	e550	e970	e1,450	e960	935	1,060	1,110	971	944	876
23	938	973	e600	e850	e1,800	e960	930	1,100	1,170	957	949	875
24	938	982	e600	e800	e1,680	e960	935	1,170	1,480	959	941	878
25	943	956	e640	e790	e1,470	e970	989	1,240	1,650	962	939	884
26	938	868	e670	e1,000	e1,350	e970	1,090	e1,600	1,320	956	945	884
27	920	868	e680	e1,160	e1,300	e970	1,030	1,840	1,290	963	943	885
28	926	933	e650	e1,180	e1,270	e980	982	1,710	1,350	970	928	888
29	930	898	e700	e1,160	e1,200	e960	953	1,590	1,380	964	941	890
30	933	804	e800	e1,670	---	e960	e1,200	1,480	e1,650	962	962	893
31	935	---	e820	e1,800	---	e960	---	1,400	---	944	942	---
TOTAL	29,472	27,949	20,386	30,160	44,180	31,210	28,888	42,433	35,960	35,427	29,329	27,305
MEAN	951	932	658	973	1,523	1,007	963	1,369	1,199	1,143	946	910
MAX	995	1,010	820	1,800	1,800	1,200	1,200	1,920	1,650	1,910	1,000	964
MIN	920	804	540	750	1,200	930	928	951	1,000	944	928	875
AC-FT	58,460	55,440	40,440	59,820	87,630	61,910	57,300	84,170	71,330	70,270	58,170	54,160

e Estimated

07385500 BAYOU TECHE AT ARNAUDVILLE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.80	13.64	12.51	---	---	---	---	16.98	15.37	17.63	13.68	13.67
2	13.76	13.59	---	---	---	---	---	17.47	15.13	17.51	13.92	13.76
3	13.73	13.58	---	---	---	---	---	17.08	15.05	16.94	13.75	13.76
4	13.75	13.56	---	---	---	---	---	16.46	14.89	16.32	13.70	13.68
5	13.77	13.57	---	---	---	---	---	15.72	14.74	15.74	13.72	13.68
6	13.76	13.57	---	---	---	---	---	15.07	14.92	15.37	13.65	13.68
7	13.74	13.56	---	---	---	---	---	14.42	14.59	15.17	13.68	13.67
8	13.72	13.58	---	---	---	---	13.64	14.11	14.23	15.02	13.69	13.65
9	13.67	13.59	---	---	---	---	13.69	13.96	14.05	14.76	13.66	13.63
10	13.90	13.61	---	---	---	---	13.71	13.84	14.01	14.41	13.71	13.62
11	13.82	13.62	---	---	---	---	13.71	13.71	13.93	14.17	13.67	13.60
12	13.80	13.60	---	---	---	---	13.65	18.73	14.03	14.11	13.68	13.63
13	13.79	13.62	---	---	---	---	13.66	21.80	14.05	14.01	13.71	13.60
14	13.70	13.59	---	---	---	---	13.68	21.98	14.03	13.96	13.69	13.50
15	13.64	13.59	---	---	---	---	13.68	22.74	14.06	13.96	13.71	13.46
16	13.68	13.60	---	---	---	---	13.61	22.34	14.22	13.99	13.66	13.43
17	13.70	13.58	---	---	---	---	13.66	22.11	14.47	13.89	13.68	13.46
18	13.70	13.80	---	---	---	---	13.62	22.27	14.23	13.79	13.66	13.47
19	13.70	13.93	---	---	---	---	13.63	21.75	14.19	13.78	13.64	13.44
20	13.71	13.95	---	---	---	---	13.68	21.26	14.63	13.73	13.64	13.41
21	13.70	13.90	---	---	---	---	13.67	20.76	14.25	13.80	13.67	13.40
22	13.67	13.84	---	---	---	---	13.64	20.24	14.38	13.79	13.68	13.38
23	13.65	13.80	---	---	---	---	13.62	19.68	14.63	13.73	13.70	13.38
24	13.65	13.84	---	---	---	---	13.64	19.11	16.30	13.74	13.66	13.39
25	13.67	13.73	---	---	---	---	13.87	18.49	19.22	13.75	13.65	13.42
26	13.65	13.35	---	---	---	---	14.30	17.89	19.98	13.73	13.68	13.42
27	13.58	13.35	---	---	---	---	14.06	17.35	19.80	13.76	13.67	13.42
28	13.60	13.63	---	---	---	---	13.84	16.85	19.25	13.79	13.61	13.43
29	13.62	13.48	---	---	---	---	13.72	16.36	18.57	13.76	13.66	13.45
30	13.63	13.07	---	---	---	---	14.78	15.93	17.88	13.75	13.76	13.46
31	13.64	---	---	---	---	---	---	15.59	---	13.68	13.67	---
MAX	13.90	13.95	---	---	---	---	---	22.74	19.98	17.63	13.92	13.76
MIN	13.58	13.07	---	---	---	---	---	13.71	13.93	13.68	13.61	13.38

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA

LOCATION.--Lat 30° 04'15", long 91° 49'45", on line between secs. 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi south of St. Martinville, and 11 mi upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft below NGVD of 1929. Water-stage recorder for Bayou Teche at Keystone Lock lower gage (station 07385702) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharge. Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaives 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.

AVERAGE DISCHARGE.--45 years, 486 ft³/s, 352,107 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,490 ft³/s, May 12, 2004, 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 gage height, 0.75 ft, July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,490 ft³/s, May 12, gage height, 13.15 ft; minimum discharge, 146 ft³/s, Sept. 20, gage height, 9.85 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	299	265	341	422	1,020	785	291	1,240	999	1,280	480	308
2	299	265	276	411	973	758	296	1,360	910	1,240	768	492
3	292	269	231	400	904	634	295	1,230	915	1,180	505	425
4	299	267	220	390	848	554	306	1,130	864	1,060	453	287
5	303	271	202	444	1,110	525	294	1,040	880	995	443	271
6	306	267	182	497	1,230	557	305	937	875	948	437	254
7	309	264	178	489	1,040	558	331	844	830	897	412	239
8	298	266	199	522	978	557	313	773	781	859	416	225
9	298	267	272	594	945	548	305	742	738	823	414	206
10	774	272	272	505	1,060	532	311	589	723	796	413	205
11	442	274	249	439	1,360	529	325	362	708	757	412	219
12	350	273	251	409	1,750	538	307	1,830	710	743	408	473
13	323	268	376	415	1,710	533	304	3,220	720	701	409	438
14	305	256	397	431	1,730	554	302	2,370	725	685	408	263
15	280	263	380	421	1,650	568	301	2,420	715	676	410	233
16	273	275	351	394	1,540	477	301	2,390	694	668	421	209
17	281	268	297	447	1,410	335	305	2,270	599	560	420	177
18	276	362	265	638	1,290	331	311	2,420	533	551	415	167
19	269	350	257	669	1,180	332	311	2,330	478	538	411	159
20	274	328	263	641	1,090	329	277	2,050	546	515	420	152
21	277	313	262	603	1,010	324	276	1,910	543	496	422	161
22	273	302	255	540	953	305	273	1,790	552	494	417	176
23	270	303	302	467	1,300	301	282	1,660	633	507	412	262
24	272	344	290	424	1,170	311	316	1,550	1,090	450	289	260
25	281	305	309	413	986	312	552	1,450	2,090	440	268	262
26	287	290	335	511	898	320	705	1,330	2,080	427	259	245
27	261	940	345	618	855	317	457	1,240	1,760	423	256	240
28	256	698	332	629	835	319	388	1,150	1,590	432	266	240
29	256	427	387	628	801	329	355	1,080	1,520	445	286	219
30	262	388	424	982	---	307	619	1,020	1,360	494	376	201
31	267	---	433	1,070	---	303	---	995	---	475	284	---
TOTAL	9,512	9,900	9,133	16,463	33,626	13,982	10,314	46,722	28,161	21,555	12,410	7,668
MEAN	307	330	295	531	1,160	451	344	1,507	939	695	400	256
MAX	774	940	433	1,070	1,750	785	705	3,220	2,090	1,280	768	492
MIN	256	256	178	390	801	301	273	362	478	423	256	152
AC-FT	18,870	19,640	18,120	32,650	66,700	27,730	20,460	92,670	55,860	42,750	24,620	15,210

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.16	10.11	10.19	10.28	10.89	10.66	10.10	11.05	10.83	11.11	10.34	10.13
2	10.16	10.11	10.10	10.27	10.84	10.63	10.10	11.15	10.74	11.07	10.66	10.36
3	10.15	10.11	10.03	10.25	10.78	10.50	10.10	11.04	10.75	11.02	10.38	10.28
4	10.16	10.11	10.01	10.24	10.72	10.41	10.12	10.96	10.70	10.92	10.32	10.10
5	10.16	10.11	9.98	10.30	10.95	10.37	10.10	10.86	10.71	10.86	10.30	10.08
6	10.17	10.10	9.95	10.36	11.07	10.41	10.12	10.77	10.71	10.82	10.30	10.05
7	10.17	10.10	9.94	10.35	10.90	10.41	10.15	10.68	10.66	10.77	10.27	10.03
8	10.16	10.10	9.98	10.39	10.85	10.41	10.13	10.60	10.61	10.73	10.27	10.00
9	10.16	10.10	10.10	10.47	10.82	10.40	10.11	10.57	10.58	10.69	10.27	9.97
10	10.71	10.11	10.09	10.37	10.92	10.38	10.11	10.40	10.56	10.67	10.27	9.97
11	10.34	10.11	10.05	10.29	11.17	10.38	10.13	10.12	10.55	10.63	10.27	9.99
12	10.23	10.11	10.06	10.25	11.47	10.39	10.11	11.36	10.55	10.61	10.26	10.33
13	10.19	10.10	10.23	10.26	11.44	10.39	10.10	12.37	10.56	10.57	10.26	10.29
14	10.17	10.08	10.26	10.28	11.46	10.42	10.09	12.06	10.56	10.56	10.26	10.05
15	10.13	10.09	10.24	10.27	11.40	10.43	10.09	12.13	10.55	10.55	10.26	10.01
16	10.12	10.11	10.20	10.23	11.31	10.32	10.09	11.89	10.53	10.54	10.28	9.97
17	10.13	10.10	10.12	10.30	11.21	10.15	10.10	11.76	10.43	10.42	10.28	9.91
18	10.12	10.23	10.08	10.51	11.11	10.14	10.10	11.86	10.36	10.41	10.27	9.89
19	10.11	10.22	10.07	10.54	11.02	10.14	10.10	11.79	10.30	10.40	10.27	9.88
20	10.12	10.19	10.08	10.51	10.94	10.14	10.05	11.64	10.38	10.37	10.28	9.86
21	10.13	10.17	10.07	10.47	10.87	10.13	10.04	11.53	10.37	10.35	10.28	9.88
22	10.12	10.15	10.06	10.40	10.81	10.11	10.04	11.45	10.38	10.35	10.27	9.91
23	10.11	10.14	10.13	10.31	11.12	10.10	10.05	11.37	10.47	10.37	10.27	10.05
24	10.12	10.20	10.11	10.26	11.01	10.11	10.10	11.29	10.89	10.30	10.10	10.05
25	10.13	10.15	10.13	10.25	10.85	10.11	10.36	11.20	11.75	10.29	10.07	10.05
26	10.14	10.12	10.17	10.37	10.77	10.13	10.55	11.11	11.70	10.28	10.06	10.03
27	10.10	10.79	10.18	10.49	10.73	10.12	10.27	11.03	11.48	10.27	10.05	10.02
28	10.09	10.61	10.16	10.50	10.71	10.12	10.19	10.96	11.35	10.28	10.07	10.02
29	10.09	10.30	10.23	10.50	10.67	10.15	10.14	10.89	11.30	10.30	10.10	9.98
30	10.10	10.26	10.28	10.85	---	10.12	10.43	10.83	11.17	10.36	10.22	9.95
31	10.11	---	10.29	10.94	---	10.11	---	10.82	---	10.34	10.10	---
MAX	10.71	10.79	10.29	10.94	11.47	10.66	10.55	12.37	11.75	11.11	10.66	10.36
MIN	10.09	10.08	9.94	10.23	10.67	10.10	10.04	10.12	10.30	10.27	10.05	9.86

07385765 BAYOU TECHE NEAR JEANERETTE, LA

LOCATION.--Lat 29° 52'45", long 91° 35'10", on line between secs. 37 and 38, T. 13 S., R. 9 E., St. Mary Parish, Hydrologic Unit 08080102, at upstream side of bridge at Adeline, 3.0 miles southeast of Jeanerette and 3.0 miles northwest of Charenton Diversion Canal, off of Hwy. 182.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to September 1996 (fragmentary gage-height records), October 1996 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records poor. Discharges are affected by tide at all stages. Reverse flow and no flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 2,950 ft³/s, Apr. 28, 1998; maximum gage height, 4.64 ft, Oct. 25, 1997; no flow at times during year; maximum negative daily discharge, -122 ft³/s, Apr. 23, 2000; minimum gage height, -0.52 ft, Oct. 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 2,790 ft³/s, May 14, maximum gage height, 4.40 ft, May 19; minimum daily discharge, 78 ft³/s, Sept. 30; minimum gage height, 0.21 ft, Apr. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	257	239	553	283	618	702	243	848	879	1,160	449	315
2	308	208	441	280	732	933	343	1,290	---	1,110	788	365
3	163	286	309	323	720	891	278	877	---	1,050	740	459
4	209	279	482	348	634	704	268	749	---	955	620	365
5	238	211	512	500	955	560	265	691	---	879	598	293
6	249	182	458	660	2,000	512	184	604	---	937	623	312
7	207	304	270	---	1,050	668	502	478	666	911	470	358
8	269	226	312	744	842	673	400	404	630	872	339	308
9	221	270	313	1,220	776	651	293	371	692	867	406	126
10	1,640	152	522	753	960	552	250	400	915	937	436	243
11	1,010	194	403	596	---	510	379	310	927	806	407	205
12	468	261	255	486	---	508	384	389	916	773	436	206
13	371	379	605	484	1,240	468	489	1,630	963	989	506	345
14	529	177	717	400	1,260	506	376	2,790	1,040	947	412	161
15	419	185	421	459	1,220	571	237	2,050	870	845	376	283
16	313	220	471	349	1,130	616	243	1,820	875	819	363	91
17	347	195	562	262	1,060	414	228	1,690	1,210	777	397	206
18	409	288	349	413	1,020	315	201	1,560	502	802	380	273
19	218	733	342	706	933	346	248	1,540	410	694	339	249
20	226	372	250	643	857	332	141	1,480	344	598	389	109
21	242	293	171	584	807	357	151	1,440	354	580	491	143
22	310	255	141	568	721	342	126	1,370	251	566	460	146
23	254	188	364	458	1,720	124	294	1,300	346	602	413	111
24	129	761	425	381	1,710	242	248	1,280	622	508	318	236
25	143	344	283	338	1,460	161	654	1,220	2,370	490	269	309
26	385	169	289	384	946	275	1,200	---	2,400	501	270	272
27	369	1,610	301	640	802	263	565	---	1,720	432	263	168
28	131	2,030	307	620	719	318	496	1,050	1,380	446	281	290
29	192	884	757	548	675	458	381	984	1,350	434	274	223
30	147	623	490	825	---	392	416	818	1,250	466	389	78
31	314	---	293	696	---	416	---	831	---	498	307	---
TOTAL	10,687	12,518	12,368	---	---	14,780	10,483	---	---	23,251	13,209	7,248

07385765 BAYOU TECHE NEAR JEANERETTE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.31	1.67	1.68	1.45	1.86	2.01	1.12	2.26	2.86	3.18	1.54	0.98
2	1.22	1.73	1.38	1.42	2.00	2.00	1.16	2.36	---	3.12	1.60	0.97
3	1.39	1.65	1.46	1.40	1.82	1.82	1.12	2.11	---	3.05	1.42	1.10
4	1.53	1.57	1.36	1.47	1.66	1.83	1.14	2.00	---	2.91	1.21	1.22
5	1.56	1.43	1.05	1.49	2.24	2.02	1.01	1.91	---	2.77	1.15	1.26
6	1.57	1.52	0.63	0.94	2.74	2.08	1.31	1.75	---	2.65	0.85	1.15
7	1.61	1.27	0.77	---	2.27	1.73	1.58	1.64	2.28	2.50	0.69	0.81
8	1.61	1.09	1.03	1.23	2.06	1.33	1.41	1.64	2.17	2.37	1.05	0.50
9	1.72	1.05	1.47	1.73	2.06	1.07	1.20	1.66	2.12	2.31	1.18	0.79
10	2.62	1.27	1.52	1.12	2.10	0.81	1.29	1.77	2.11	2.21	1.12	0.96
11	2.20	1.52	0.98	1.01	---	0.93	1.45	1.88	2.06	2.06	1.13	1.00
12	1.92	1.56	1.25	1.06	---	0.99	1.33	2.38	1.95	1.88	1.11	1.23
13	1.88	1.38	1.75	1.00	2.62	1.10	0.84	3.13	1.96	1.69	0.70	1.43
14	1.82	1.24	1.34	1.05	2.75	1.25	0.37	4.02	2.00	1.50	0.72	1.69
15	1.40	1.54	1.43	1.13	2.70	1.34	0.46	4.04	1.96	1.50	0.81	1.70
16	1.61	1.65	1.64	1.13	2.62	1.40	0.68	4.13	2.23	1.54	0.97	1.63
17	1.59	1.72	0.93	1.51	2.61	1.29	0.86	4.23	2.40	1.47	1.07	1.79
18	1.15	2.29	0.80	1.70	2.50	1.46	1.04	4.25	2.06	1.48	1.17	1.65
19	1.25	1.76	0.59	1.43	2.38	1.43	1.23	4.29	1.80	1.37	1.35	1.44
20	1.42	1.36	0.54	1.10	2.37	1.37	1.31	4.26	1.62	1.27	1.56	1.62
21	1.43	1.57	0.85	1.16	2.23	1.26	1.59	4.19	1.59	1.32	1.43	1.80
22	1.27	1.45	1.19	1.11	2.16	0.91	1.89	4.11	1.73	1.26	1.29	1.92
23	1.16	1.81	1.44	1.09	2.65	1.20	1.85	4.03	1.83	1.12	1.35	2.01
24	1.28	1.59	0.98	1.17	2.88	1.41	1.86	3.91	2.05	1.07	1.41	2.18
25	1.56	1.26	1.02	1.48	2.91	1.59	1.97	3.77	3.11	1.08	1.44	2.00
26	1.55	1.59	1.23	1.48	2.50	1.66	2.06	---	3.34	0.99	1.42	1.63
27	1.04	2.69	1.32	1.37	2.21	1.67	1.54	3.35	3.30	1.09	1.36	1.45
28	1.24	2.83	1.37	0.95	2.04	1.71	1.34	3.19	3.24	1.15	1.30	1.17
29	1.39	2.16	1.86	1.10	1.91	1.71	1.59	3.01	3.26	1.28	1.26	0.86
30	1.71	1.99	1.46	1.45	---	1.53	1.64	3.05	3.24	1.39	1.21	0.96
31	1.67	---	1.50	1.66	---	1.36	---	3.05	---	1.45	1.06	---
MAX	2.62	2.83	1.86	---	---	2.08	2.06	---	---	3.18	1.60	2.18
MIN	1.04	1.05	0.54	---	---	0.81	0.37	---	---	0.99	0.69	0.50

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA

LOCATION.--Lat 29° 49' 23", long 91° 32' 26", T. 14 S., R. 9 E., Sec. 13, St. Mary Parish, Hydrologic Unit 08080102, on the left bank of stream, on wing wall of Southern Pacific railroad bridge over Charenton Drainage Canal, 750 yards downstream of junction with Bayou Teche and six miles upstream of junction with Gulf Intracoastal Water Way.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1999 to current year. Records for 1999 W.Y. are available in Baton Rouge Field Office.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is NAVD 88.

REMARKS.--No estimated daily discharge. Records fair. Discharges are affected by wind, tide, and boat traffic at all stages. Reverse flow and no flow at times during year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 17,800 ft³/s, May 18, 2004; maximum gage height, 4.54 ft, Oct. 3, 2002; maximum negative discharge, -29,900 ft³/s, Oct. 3, 2002; minimum gage height, -0.95 ft, Jan. 30, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 17,800 ft³/s, May 18; maximum gage height, 3.28 ft, May 31; maximum negative discharge, -14,000 ft³/s, Nov. 27; minimum gage height, -0.28 ft, Sept. 10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,080	1,730	8,240	1,380	3,620	3,520	632	4,360	9,840	11,700	-398	1,800
2	2,280	-409	6,240	1,840	5,290	6,220	2,700	11,700	9,180	11,400	3,580	597
3	-2,650	2,370	772	1,960	8,670	4,300	1,960	10,700	9,700	11,100	4,880	812
4	-1,220	2,310	4,740	393	4,190	-1,690	1,970	8,530	10,600	10,900	1,830	496
5	-287	920	6,400	6,790	-3,160	-1,870	1,690	7,460	9,450	10,100	3,430	399
6	59	156	4,020	8,540	12,400	6,540	-3,060	4,920	8,270	10,400	5,710	1,690
7	-510	4,260	-2,020	849	13,400	8,850	1,600	2,870	4,600	10,400	502	2,810
8	1,430	1,920	-2,030	-2,540	11,100	8,360	5,170	2,020	2,810	9,380	-2,140	1,410
9	-719	1,380	-2,670	6,070	9,380	6,940	860	1,280	4,710	7,520	895	-3,040
10	1,500	-2,710	6,590	9,130	10,300	895	39	599	3,980	8,170	1,960	---
11	9,170	-1,920	3,320	1,520	---	1,450	2,800	-743	4,010	6,920	-108	---
12	5,530	1,270	-1,630	2,620	---	1,490	5,820	-4,410	4,240	6,810	3,350	---
13	2,390	5,660	894	2,980	---	-61	8,210	8,750	2,530	6,380	3,850	---
14	3,960	-978	6,930	117	---	1,480	3,810	13,700	4,060	4,480	140	-2,960
15	2,650	-1,930	-2,470	2,540	---	1,080	-288	16,200	953	1,100	-842	---
16	-30	-177	4,050	-538	---	4,040	-585	15,200	-2,270	2,280	-1,400	---
17	---	-1,980	8,270	-3,070	---	1,010	-104	15,500	5,080	3,030	-428	---
18	---	-4,770	2,740	3,170	---	803	-2,170	16,000	7,660	4,650	-517	---
19	-846	11,200	3,720	10,300	---	3,330	450	15,700	6,910	4,740	-1,770	---
20	-859	2,840	248	3,790	---	2,650	-2,430	15,900	4,320	2,580	-320	-2,350
21	630	1,160	-2,560	1,340	---	5,720	-2,670	15,800	3,040	2,050	4,340	-2,000
22	2,760	848	-3,230	2,430	---	3,030	-3,990	15,400	-161	3,020	2,130	-2,150
23	670	-2,150	3,210	2,210	---	-3,940	1,720	15,300	3,880	4,290	287	-2,640
24	-1,940	10,500	5,240	804	---	-232	1,040	15,300	1,640	1,160	-418	---
25	-2,900	936	439	-1,190	---	-1,540	4,630	14,800	10,000	2,690	190	---
26	4,640	-2,120	-201	3,540	---	1,030	10,600	14,400	13,300	2,500	624	3,520
27	4,810	459	-223	9,480	---	1,050	8,530	13,400	13,000	534	1,340	1,500
28	-1,880	13,500	227	4,000	8,840	1,810	1,420	12,700	12,700	68	1,260	2,320
29	-1,310	11,100	2,720	975	4,970	4,530	257	11,200	12,800	-565	1,570	---
30	-2,890	8,550	6,120	3,110	---	3,110	3,240	3,610	12,200	-2.4	2,180	---
31	2,460	---	2,500	4,780	---	7,250	---	7,220	---	401	1,520	---
TOTAL	---	63,925	70,596	89,320	---	81,155	53,851	305,366	193,032	160,185.6	37,227	---

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.22	1.58	1.31	1.43	1.71	1.83	1.11	2.00	2.40	2.48	1.55	1.10
2	1.12	1.68	1.16	1.39	1.77	1.72	1.10	1.59	2.31	2.45	1.46	1.12
3	1.42	1.56	1.44	1.35	1.38	1.59	1.08	1.48	2.23	2.41	1.28	1.23
4	1.51	1.51	1.20	1.45	1.45	1.80	1.12	1.60	1.97	2.30	1.18	1.22
5	1.53	1.40	0.76	1.10	2.17	2.01	0.99	1.62	1.85	2.25	1.07	1.11
6	1.55	1.47	0.41	0.38	1.71	1.82	1.39	1.56	1.89	2.10	0.61	0.87
7	1.61	1.06	0.90	0.65	1.24	1.36	1.52	1.52	2.00	1.95	0.75	0.50
8	1.59	0.97	1.17	1.24	1.31	0.93	1.26	1.54	2.05	1.91	1.16	0.35
9	1.75	0.95	1.53	1.23	1.55	0.76	1.13	1.60	1.95	2.00	1.20	0.99
10	2.28	1.31	1.16	0.63	1.52	0.69	1.28	1.74	1.94	1.84	1.10	0.88
11	1.68	1.53	0.83	0.98	---	0.89	1.31	1.89	1.88	1.80	1.18	1.06
12	1.69	1.47	1.26	0.99	---	0.94	1.16	2.41	1.75	1.61	1.02	1.37
13	1.80	1.06	1.58	0.94	---	1.09	0.47	2.64	1.80	1.38	0.59	1.55
14	1.56	1.27	0.97	1.08	---	1.19	0.24	2.86	1.78	1.28	0.77	1.92
15	1.26	1.55	1.47	1.10	---	1.28	0.49	2.74	1.84	1.40	0.91	1.31
16	1.57	1.60	1.36	1.16	---	1.25	0.73	2.91	2.17	1.41	1.08	1.59
17	---	1.76	0.49	1.60	1.70	1.25	0.89	3.02	2.13	1.34	1.15	1.82
18	---	2.32	0.77	1.57	1.60	1.46	1.11	2.99	1.81	1.30	1.28	1.48
19	1.26	0.95	0.49	0.90	1.72	1.37	1.24	3.04	1.61	1.20	1.49	1.42
20	1.39	1.21	0.55	0.91	1.86	1.35	1.39	2.99	1.50	1.20	1.68	1.77
21	1.39	1.52	0.94	1.04	1.66	1.10	1.67	2.87	1.52	1.28	1.40	1.91
22	1.19	1.39	1.28	0.98	1.82	0.82	1.98	2.91	1.73	1.22	1.33	2.02
23	1.14	1.81	1.30	1.04	1.97	1.33	1.80	2.97	1.75	1.02	1.41	2.27
24	1.33	0.90	0.78	1.19	---	1.44	1.79	2.90	1.91	1.08	1.51	2.24
25	1.60	1.21	1.02	1.53	---	1.66	1.73	2.81	2.20	1.02	1.50	1.77
26	1.32	1.63	1.24	1.45	---	1.64	1.42	2.65	2.25	0.94	1.46	1.65
27	0.75	2.32	1.34	0.87	---	1.66	1.15	2.57	2.43	1.09	1.39	1.58
28	1.25	1.63	1.39	0.75	1.59	1.68	1.23	2.44	2.37	1.16	1.36	1.11
29	1.36	1.43	1.59	1.05	1.66	1.57	1.59	2.42	2.36	1.30	1.29	0.68
30	1.75	1.59	1.20	1.27	---	1.38	1.61	2.92	2.44	1.38	1.27	1.21
31	1.53	---	1.48	1.42	---	1.14	---	2.72	---	1.43	1.15	---
MAX	---	2.32	1.59	1.60	---	2.01	1.98	3.04	2.44	2.48	1.68	2.27
MIN	---	0.90	0.41	0.38	---	0.69	0.24	1.48	1.50	0.94	0.59	0.35

07386200 BAYOU FUSILIER AT WEIR AT ARNAUDVILLE, LA

LOCATION.--Lat 30° 23'55", long 91° 56'41", in center of N $\frac{1}{2}$ 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 NGVD of 1929.

REMARKS.--Records good, except those above 600 ft³/s and indefinite stage-discharge relationship, which are poor. Bayou Fusilier is a distributary of Bayou Teche into the Vermilion River basin. For other diversions that occur in the Bayou Teche basin above this distributary, see Bayou Teche at Arnaudville (station 07385500). In extreme floods, reverse flow observed.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 900 ft³/s, Dec. 28, 1982; maximum gage height, 22.39 ft, May 15, 2004; no flow at times several years; maximum negative daily discharge, -800 ft³/s (est.), May 18, 2004; minimum gage height, 9.03 ft, Nov. 26, 27, 28, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 694 ft³/s, May 28; maximum gage height, 22.39 ft, May 15; maximum negative daily discharge, -800 ft³/s (est.), May 18; minimum gage height, 11.38 ft, Dec. 10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	244	236	226	214	586	367	241	e200	430	e300	241	240
2	240	235	190	212	495	341	238	e50	404	e400	263	248
3	238	234	172	205	455	303	243	e200	398	e500	247	248
4	241	233	169	203	410	266	243	e350	378	600	243	241
5	242	232	159	230	447	248	241	475	357	493	244	241
6	241	232	160	285	e550	266	247	393	388	433	238	240
7	240	233	158	253	e500	280	244	319	344	405	241	239
8	239	236	148	223	531	277	242	285	301	394	242	238
9	234	237	138	261	487	271	245	270	281	377	239	237
10	258	239	126	234	488	261	248	258	276	327	244	235
11	254	239	128	201	e200	261	247	246	268	295	240	233
12	247	241	129	199	e-50	266	242	e100	277	286	241	236
13	246	240	174	220	e-100	268	243	e-50	279	276	243	234
14	238	238	209	219	e-200	270	245	e-300	275	269	242	225
15	234	239	193	200	e-100	272	245	e-600	278	268	243	221
16	237	239	164	184	e-30	269	238	e-650	295	272	240	219
17	239	240	140	235	e100	261	242	e-700	327	261	241	221
18	239	261	127	381	e200	259	241	e-800	296	252	239	222
19	240	275	135	379	e300	259	241	e-750	293	252	238	220
20	240	273	136	351	e400	253	245	e-700	356	246	238	217
21	240	267	128	311	510	244	245	e-600	303	252	240	215
22	238	260	131	261	467	242	241	e-500	323	251	241	214
23	236	255	135	219	475	243	241	e-400	345	246	243	213
24	236	263	142	201	477	240	241	e-200	e500	247	240	214
25	238	259	164	212	449	245	264	e-100	e400	248	239	217
26	236	238	172	332	433	246	320	e200	e200	245	242	217
27	230	253	168	368	415	246	284	e450	e50	248	242	217
28	232	290	154	367	399	246	260	694	e100	251	236	219
29	233	281	172	355	384	243	249	598	e200	249	240	220
30	234	262	219	587	---	239	359	516	e250	248	248	221
31	235	---	224	687	---	243	---	461	---	241	240	---
TOTAL	7,419	7,460	4,990	8,789	9,678	8,195	7,565	-285	9,172	9,632	7,498	6,822

e Estimated

07386200 BAYOU FUSILIER AT WEIR AT ARNAUDVILLE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.88	12.72	12.62	12.50	15.52	13.93	12.77	16.01	14.42	17.07	12.77	12.77
2	12.84	12.72	12.23	12.48	14.90	13.70	12.75	16.74	14.22	16.97	13.00	12.85
3	12.81	12.71	12.02	12.40	14.61	13.37	12.80	16.37	14.17	16.36	12.84	12.85
4	12.84	12.70	11.98	12.38	14.27	13.02	12.80	15.61	14.01	15.61	12.79	12.78
5	12.85	12.69	11.86	12.66	14.53	12.85	12.78	14.76	13.84	14.89	12.81	12.78
6	12.84	12.69	11.88	13.20	15.86	13.02	12.84	14.14	14.09	14.45	12.74	12.77
7	12.82	12.70	11.85	12.89	15.59	13.15	12.81	13.52	13.73	14.23	12.77	12.76
8	12.81	12.73	11.73	12.59	15.16	13.13	12.78	13.20	13.35	14.14	12.78	12.75
9	12.76	12.74	11.60	12.98	14.85	13.07	12.82	13.06	13.17	14.00	12.76	12.74
10	12.99	12.75	11.42	12.70	14.85	12.97	12.85	12.95	13.12	13.58	12.80	12.72
11	12.95	12.76	11.46	12.36	16.65	12.98	12.84	12.83	13.04	13.30	12.76	12.70
12	12.88	12.77	11.47	12.33	19.40	13.02	12.79	17.94	13.13	13.22	12.78	12.73
13	12.86	12.76	12.03	12.56	19.63	13.05	12.80	21.36	13.14	13.12	12.79	12.71
14	12.78	12.75	12.44	12.55	19.46	13.06	12.82	21.62	13.11	13.06	12.78	12.61
15	12.74	12.76	12.26	12.34	19.12	13.08	12.82	22.34	13.14	13.04	12.80	12.57
16	12.76	12.76	11.92	12.16	18.48	13.05	12.75	22.02	13.30	13.08	12.76	12.55
17	12.79	12.77	11.62	12.68	17.74	12.97	12.79	21.77	13.58	12.98	12.78	12.57
18	12.78	12.98	11.44	14.04	16.99	12.96	12.77	21.94	13.31	12.89	12.76	12.58
19	12.79	13.11	11.56	14.02	16.30	12.96	12.78	21.52	13.28	12.89	12.74	12.56
20	12.79	13.09	11.57	13.79	15.59	12.90	12.82	21.04	13.83	12.83	12.74	12.53
21	12.79	13.03	11.46	13.44	15.01	12.81	12.81	20.49	13.37	12.89	12.76	12.51
22	12.76	12.97	11.50	12.98	14.71	12.79	12.78	19.91	13.54	12.88	12.78	12.50
23	12.74	12.92	11.55	12.55	14.76	12.80	12.78	19.29	13.73	12.83	12.80	12.49
24	12.74	12.99	11.64	12.35	14.78	12.77	12.78	18.66	15.44	12.84	12.76	12.50
25	12.75	12.96	11.92	12.46	14.57	12.82	12.99	18.02	18.70	12.84	12.76	12.52
26	12.73	12.75	12.02	13.63	14.45	12.83	13.53	17.39	19.53	12.82	12.78	12.53
27	12.66	12.89	11.97	13.93	14.31	12.83	13.19	16.79	19.36	12.85	12.78	12.53
28	12.68	13.25	11.80	13.93	14.19	12.83	12.97	16.21	18.78	12.88	12.72	12.55
29	12.70	13.17	12.01	13.82	14.07	12.80	12.86	15.60	18.08	12.85	12.76	12.56
30	12.71	12.99	12.55	15.48	---	12.76	13.77	15.06	17.37	12.84	12.85	12.57
31	12.71	---	12.61	16.17	---	12.80	---	14.65	---	12.78	12.77	---
MAX	12.99	13.25	12.62	16.17	19.63	13.93	13.77	22.34	19.53	17.07	13.00	12.85
MIN	12.66	12.69	11.42	12.16	14.07	12.76	12.75	12.83	13.04	12.78	12.72	12.49

07386600 BAYOU VERMILION NEAR CARENCRO, LA.

LOCATION.--Lat 30° 22'05", long 91° 59'15", sec. 58, T. 8 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at Arnaudville Road, approximately 1.1 miles northeast of Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year.

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

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.59 ft, May 15, 2004; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.59 ft, May 15; minimum gage height, 4.79 ft, Sept. 24.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.44	5.38	6.93	5.78	13.15	7.65	5.26	13.60	11.98	15.61	5.45	5.40
2	5.44	5.40	6.29	5.39	12.14	7.24	5.27	14.98	11.68	15.52	5.86	5.29
3	5.38	5.40	5.78	5.23	11.51	6.83	5.28	14.25	11.65	14.92	5.69	5.31
4	5.42	5.35	5.47	5.14	9.76	6.41	5.30	13.18	10.89	14.07	5.50	5.34
5	5.41	5.33	5.14	5.88	10.49	6.12	5.25	11.88	10.35	13.09	5.47	5.35
6	5.40	5.31	4.89	7.19	14.08	6.10	5.31	10.14	11.41	12.05	5.42	5.33
7	5.46	5.34	4.88	6.33	13.04	6.15	5.71	8.41	10.28	11.23	5.38	5.29
8	5.42	5.35	4.89	6.03	11.86	6.01	5.52	7.14	9.33	11.37	5.42	5.22
9	5.40	5.35	4.90	10.12	10.70	5.86	5.33	6.40	8.67	12.21	5.41	5.20
10	8.62	5.37	4.90	8.93	10.82	5.72	5.34	6.03	8.17	10.69	5.41	5.23
11	9.37	5.45	4.90	6.73	15.10	5.65	5.38	5.94	7.69	9.51	5.39	5.21
12	7.44	5.49	4.90	5.66	18.67	5.66	5.36	16.56	7.27	9.08	5.37	5.16
13	6.44	5.46	8.11	5.41	18.49	5.67	5.32	21.12	6.87	8.35	5.40	5.33
14	6.02	5.42	9.32	5.35	18.06	5.73	5.24	21.05	6.90	7.76	5.37	5.33
15	5.74	5.48	6.82	5.17	17.52	6.09	5.24	21.54	6.65	7.20	5.40	5.27
16	5.63	5.50	5.51	4.96	16.60	6.06	5.20	21.31	6.85	6.79	5.37	5.17
17	5.61	5.51	4.93	7.02	15.78	5.90	5.22	20.98	9.58	6.50	5.37	5.17
18	5.53	7.85	4.90	11.68	14.94	5.77	5.24	21.22	7.72	6.18	5.33	5.19
19	5.45	9.21	4.90	10.0	14.06	5.73	5.27	21.11	7.78	5.98	5.30	5.14
20	5.46	7.07	4.90	8.23	13.05	5.66	5.32	20.56	10.86	5.84	5.33	5.13
21	5.47	6.16	4.90	7.04	11.89	5.57	5.38	19.86	9.07	5.75	5.55	5.19
22	5.44	5.84	4.90	6.20	10.77	5.46	5.40	19.10	10.09	5.71	5.45	5.21
23	5.36	5.77	4.90	5.55	10.75	5.47	5.43	18.38	9.64	5.62	5.37	5.22
24	5.35	6.75	4.91	5.19	11.26	5.45	5.47	17.72	13.07	5.55	5.44	5.19
25	5.42	6.45	4.91	5.55	10.66	5.40	7.09	17.07	18.25	5.54	5.57	5.32
26	5.63	5.87	4.91	7.31	10.14	5.44	10.62	16.41	18.99	5.51	5.53	5.23
27	5.51	7.28	4.92	7.08	9.34	5.43	8.17	15.72	18.51	5.50	5.47	5.19
28	5.38	10.32	4.92	6.79	8.68	5.46	6.76	15.01	17.58	5.57	5.41	5.20
29	5.34	8.70	7.16	6.61	8.12	5.43	6.21	14.24	16.77	5.60	5.37	5.19
30	5.34	7.64	9.12	13.04	---	5.35	8.31	13.45	16.09	5.63	6.13	5.22
31	5.39	---	6.85	14.62	---	5.31	---	12.67	---	5.57	5.65	---
MAX	9.37	10.32	9.32	14.62	18.67	7.65	10.62	21.54	18.99	15.61	6.13	5.40
MIN	5.34	5.31	4.88	4.96	8.12	5.31	5.20	5.94	6.65	5.50	5.30	5.13

07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30° 14'35", long 91° 53'05", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ 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 September 2000 (discharge and elevation), October 2000 to current year. May 1945 to June 1946 (fragmentary elevations only), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 0.76 ft below NAVD 88. Prior to Oct. 1, 2001, datum of gage was NAVD 88. Prior to Oct. 1, 1998, datum of gage was NGVD of 1929. Auxiliary water-stage recorder, Ruth Canal at Ruth (station 07386705), 150 ft below control structure at datum 0.70 ft below NAVD 88. Prior to Oct. 1, 2001, datum of auxiliary gage was NAVD 88. Prior to Oct. 1, 1998, datum of auxiliary gage was NGVD of 1929. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good, except for periods of estimated discharge, which are poor. Total flow through control structure diverted from Bayou Teche for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive daily discharge, 802 ft³/s, Apr. 21, 1966; maximum negative daily discharge, -60 ft³/s, Jan. 31, 1993 (backwater from Vermilion River); minimum daily (unaffected by backwater), 0.03 ft³/s, June 1, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum positive daily discharge, 596 ft³/s, Sept. 12; maximum gage height, 18.26 ft, May 12; maximum negative daily discharge, -10 ft³/s (est.), Nov. 28; minimum gage height, 8.83 ft, Dec. 6, 7, 8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	374	e380	259	163	35.4	33.7	413	37.2	35.3	38.3	220	352
2	377	e375	294	165	34.8	96.5	410	38.2	34.7	38.3	219	122
3	375	e375	321	167	34.3	157	412	37.4	34.6	37.5	215	209
4	373	e380	343	167	33.8	159	412	36.5	34.2	36.5	217	462
5	376	e380	364	166	34.9	159	412	35.5	34.0	35.7	219	460
6	375	e385	384	170	36.5	162	409	34.5	34.3	35.4	221	460
7	370	386	391	171	35.7	168	403	33.5	33.9	34.9	222	462
8	373	388	367	166	35.2	172	406	32.8	33.3	34.5	220	464
9	372	388	e175	152	34.9	174	412	32.5	32.9	34.1	220	462
10	163	387	e170	150	35.3	176	411	153	32.8	33.6	221	460
11	164	381	e165	158	37.9	175	410	461	32.7	33.2	222	505
12	238	378	e165	163	41.0	176	409	512	32.7	33.0	e220	596
13	287	379	e165	167	41.0	176	413	49.2	32.8	32.7	e220	516
14	313	381	e165	169	41.1	174	417	46.6	32.8	32.6	e220	454
15	337	377	e165	168	40.7	283	417	47.5	182	32.6	e220	450
16	343	377	e160	169	39.9	451	414	46.0	403	95.0	e220	453
17	349	377	162	161	39.0	413	413	45.3	350	195	e220	451
18	362	358	164	147	38.0	410	413	46.4	352	201	e220	453
19	367	348	165	152	37.1	410	435	45.4	365	207	220	454
20	365	388	166	160	36.4	411	478	44.0	356	211	219	451
21	369	399	164	165	35.6	410	476	43.1	354	214	220	447
22	374	406	162	168	35.1	413	474	42.3	358	217	221	445
23	381	401	161	169	37.1	411	470	41.5	363	218	318	444
24	386	393	166	169	36.5	407	471	40.6	135	219	460	437
25	385	403	167	167	35.3	407	459	39.8	42.6	220	457	440
26	384	399	165	169	34.6	406	412	38.9	42.9	221	457	447
27	388	300	165	174	34.3	407	420	38.0	42.0	221	458	450
28	387	e-10	165	179	34.1	407	437	37.3	41.1	221	457	452
29	385	165	157	176	33.9	406	445	36.6	40.4	220	463	456
30	382	216	150	96.6	---	409	311	36.0	39.1	219	455	456
31	381	---	158	35.8	---	411	---	35.6	---	219	454	---
TOTAL	10,855	10,640	6,490	4,919.4	1,059.4	9,030.2	12,694	2,244.2	3,937.1	3,840.9	8,815	13,170

e Estimated

MISSISSIPPI RIVER DELTA

07386700 RUTH CANAL NEAR RUTH, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.41	---	9.54	9.85	11.54	11.01	9.24	12.17	11.53	12.56	10.17	9.44
2	9.40	---	9.32	9.82	11.36	10.84	9.23	12.51	11.33	12.57	10.66	10.11
3	9.38	---	9.16	9.80	11.20	10.46	9.24	12.22	11.29	12.28	10.09	9.62
4	9.40	---	9.05	9.79	11.05	10.30	9.25	11.93	11.17	11.93	9.99	9.23
5	9.41	---	8.94	9.85	11.40	10.23	9.23	11.59	11.11	11.65	9.99	9.20
6	9.40	9.27	8.86	10.01	11.93	10.24	9.26	11.26	11.19	11.54	9.95	9.18
7	9.40	9.27	8.85	10.0	11.63	10.24	9.34	10.96	11.06	11.38	9.94	9.16
8	9.39	9.26	9.21	10.04	11.48	10.22	9.26	10.75	10.88	11.26	9.96	9.14
9	9.39	9.27	9.48	10.20	11.39	10.19	9.25	10.66	10.78	11.13	9.94	9.14
10	10.44	9.29	9.42	10.01	11.52	10.14	9.28	9.93	10.74	10.98	9.95	9.16
11	9.88	9.31	9.35	9.85	12.40	10.14	9.28	9.33	10.70	10.85	9.96	9.39
12	9.67	9.28	9.37	9.77	13.59	10.15	9.26	13.98	10.72	10.81	---	10.07
13	9.58	9.25	9.72	9.82	13.61	10.17	9.22	16.81	10.74	10.72	---	9.61
14	9.50	9.23	9.79	9.85	13.66	10.20	9.19	15.82	10.73	10.69	---	9.16
15	9.42	9.26	9.78	9.78	13.48	10.23	9.22	16.18	10.73	10.68	---	9.13
16	9.41	9.27	9.62	9.71	13.17	9.76	9.22	15.60	10.42	10.61	---	9.09
17	9.40	9.28	9.47	10.0	12.81	9.38	9.24	15.32	10.14	10.23	---	9.11
18	9.34	9.59	9.39	10.48	12.45	9.36	9.26	15.74	9.96	10.13	---	9.12
19	9.34	9.55	9.38	10.50	12.14	9.35	9.21	15.34	9.85	10.08	9.92	9.10
20	9.35	9.46	9.41	10.43	11.87	9.34	9.06	14.79	10.06	10.05	9.92	9.10
21	9.34	9.41	9.40	10.29	11.62	9.28	9.09	14.43	9.97	10.04	9.91	9.11
22	9.33	9.36	9.43	10.09	11.45	9.24	9.12	14.11	10.04	10.11	9.91	9.10
23	9.30	9.36	9.50	9.91	12.12	9.28	9.11	13.79	10.19	10.06	9.72	9.11
24	9.33	9.40	9.46	9.81	11.93	9.32	9.17	13.46	11.68	9.99	9.23	9.14
25	9.37	9.32	9.53	9.82	11.50	9.32	9.72	13.12	14.25	9.99	9.22	9.13
26	9.36	9.27	9.60	10.12	11.30	9.34	10.17	12.77	14.36	9.96	9.22	9.06
27	9.29	10.54	9.62	10.35	11.20	9.33	9.63	12.45	14.00	9.96	9.22	9.04
28	9.28	10.41	9.58	10.39	11.13	9.35	9.45	12.18	13.63	9.99	9.19	9.03
29	9.30	9.85	9.72	10.37	11.08	9.32	9.34	11.94	13.35	9.99	9.33	9.02
30	9.33	9.73	9.86	11.35	---	9.28	10.47	11.73	12.84	10.07	9.41	9.03
31	9.32	---	9.89	11.68	---	9.25	---	11.61	---	10.01	9.22	---
MAX	10.44	---	9.89	11.68	13.66	11.01	10.47	16.81	14.36	12.57	---	10.11
MIN	9.28	---	8.85	9.71	11.05	9.24	9.06	9.33	9.85	9.96	---	9.02

07386850 VERMILION RIVER NEAR LAFAYETTE, LA.

LOCATION.--Lat 30° 13'08", long 91° 56'20", sec. 93, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at Lake Martin Road, approximately 1.6 miles southeast of the intersection of Lake Martin Road and State Highway 94, southeast of Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year (gage heights only).

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded 12.78 ft, June 10, 2001; minimum gage height, 0.56 ft, Jan. 24, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.72 ft, May 19, 20; minimum gage height, 0.97 ft, Dec. 20.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	2.90	5.68	2.85	5.69	5.21	2.37	6.45	9.83	10.22	2.67	2.69
2	2.85	2.93	5.14	2.51	5.70	4.76	2.60	6.87	9.60	10.07	3.48	1.96
3	2.94	2.85	4.69	2.30	5.64	4.38	2.49	6.79	9.35	9.92	2.91	2.29
4	2.99	2.72	4.25	2.29	5.30	4.07	2.48	6.66	9.02	9.69	2.57	2.74
5	2.92	2.52	3.74	2.47	5.55	3.98	2.44	6.45	8.71	9.42	2.37	2.77
6	2.96	2.61	3.15	2.12	6.46	3.66	2.79	6.10	8.58	9.17	2.01	2.64
7	3.08	2.50	3.02	2.00	6.29	3.06	3.32	5.54	8.22	8.93	1.87	2.38
8	2.99	2.33	2.99	2.90	6.12	2.54	2.89	4.81	7.82	8.70	2.25	2.15
9	3.05	2.42	2.88	4.42	5.87	2.16	2.52	4.06	7.39	8.53	2.27	2.37
10	6.63	2.59	2.65	4.16	5.76	1.81	2.64	3.93	6.92	8.23	2.11	2.63
11	6.02	2.96	1.74	3.32	7.09	2.10	2.69	4.08	6.38	7.85	2.07	2.40
12	5.30	2.92	2.20	2.76	8.23	1.85	2.67	7.98	5.77	7.44	1.96	2.10
13	4.70	2.73	3.78	2.37	8.16	1.94	2.16	9.28	5.21	6.94	1.61	2.54
14	4.29	2.61	4.25	2.22	8.32	2.38	1.74	9.69	5.22	6.36	1.69	3.06
15	3.79	2.99	3.56	2.16	8.40	2.64	1.93	10.68	4.56	5.70	1.83	3.11
16	3.74	3.02	3.13	1.97	8.37	2.70	2.23	10.91	4.62	5.10	1.97	2.79
17	3.59	3.02	2.01	3.47	8.30	2.79	2.36	11.15	5.57	4.68	2.08	3.04
18	3.17	4.32	1.64	5.05	8.18	2.96	2.53	11.43	5.14	4.17	2.12	2.94
19	3.08	4.37	1.32	4.58	8.02	2.91	2.80	11.70	4.63	3.68	2.27	2.82
20	3.14	3.54	1.21	3.91	7.82	2.83	2.83	11.69	5.17	3.39	2.44	3.01
21	3.00	3.35	1.71	3.30	7.57	2.67	3.05	11.63	5.06	3.16	2.26	3.27
22	2.79	3.11	2.20	2.71	7.25	2.29	3.30	11.57	5.09	2.98	2.17	3.34
23	2.61	3.33	2.54	2.27	7.34	2.71	3.38	11.50	5.10	2.75	2.38	3.41
24	2.71	3.41	1.47	2.10	7.59	3.08	3.53	11.40	7.28	2.56	2.81	3.75
25	2.95	3.04	1.69	2.49	7.39	3.07	4.76	11.27	9.94	2.44	2.94	3.55
26	2.95	3.28	2.19	2.60	7.07	3.13	6.27	11.11	10.17	2.21	2.93	3.08
27	2.43	6.18	2.23	2.39	6.64	3.09	5.38	10.93	10.38	2.27	2.86	2.90
28	2.55	7.56	2.16	1.72	6.15	3.15	4.80	10.72	10.42	2.31	2.81	2.73
29	2.76	6.67	3.33	2.22	5.66	3.01	4.51	10.48	10.47	2.42	2.87	2.42
30	3.07	6.19	3.94	5.44	---	2.69	5.52	10.23	10.37	2.65	3.30	2.46
31	3.06	---	3.38	5.86	---	2.54	---	10.00	---	2.60	2.99	---
MAX	6.63	7.56	5.68	5.86	8.40	5.21	6.27	11.70	10.47	10.22	3.48	3.75
MIN	2.43	2.33	1.21	1.72	5.30	1.81	1.74	3.93	4.56	2.21	1.61	1.96

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30° 13'02", long 91° 59'34", on line between secs. 76 and 142, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on Surrey Street at Lafayette, 0.6 mi north of Lafayette Airport, and 1.4 mi upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 2.74 ft below NAVD 88. Prior to 1996 datum of gage was 2.85 ft below NGVD of 1929. Prior to 1982, datum of gage was 2.31 ft below NGVD of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1985, water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharges. Records poor. Discharges are affected by tide at all stages: diversions above and below station for irrigation. Reverse flow at times during year. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 6,280 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.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 5,180 ft³/s, May 21; maximum gage height, 14.00 ft, May 18, 19; maximum negative discharge, -5,450 ft³/s, June 24; minimum gage height, 3.50 ft, Dec. 24.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	678	561	1,940	670	1,750	1,950	760	1,470	3,660	4,010	466	682
2	695	576	1,750	560	1,680	1,750	814	1,680	3,530	3,920	695	430
3	617	606	1,500	460	1,780	1,560	801	2,420	3,560	3,950	704	486
4	662	597	1,310	391	1,660	1,300	795	2,400	3,500	3,900	643	645
5	658	565	1,170	405	909	1,060	774	2,240	2,900	3,750	586	651
6	598	534	1,060	669	1,170	1,040	669	2,060	2,880	3,520	580	670
7	684	608	933	611	2,140	1,040	741	1,820	3,060	3,420	494	679
8	661	575	758	391	2,200	923	926	1,470	2,830	3,220	447	652
9	572	574	581	789	1,980	775	835	1,130	2,570	3,070	487	597
10	-1,190	561	561	1,250	1,670	648	791	1,050	2,390	3,000	457	651
11	1,110	488	573	993	214	582	836	1,050	2,130	2,840	445	593
12	1,630	580	446	777	690	555	840	-113	1,870	2,690	467	309
13	1,400	611	473	658	2,800	493	841	1,370	1,580	2,480	438	451
14	1,210	564	1,200	546	2,880	506	801	1,100	1,260	2,220	423	540
15	1,130	518	958	498	3,120	615	756	1,490	1,230	1,890	404	609
16	961	561	662	407	3,270	781	753	3,430	859	1,600	420	660
17	920	585	659	363	3,250	903	762	3,820	1,000	1,430	435	558
18	912	394	446	1,150	3,170	856	735	2,880	1,480	1,220	435	647
19	804	1,150	422	1,390	3,070	890	762	3,520	1,360	1,060	397	651
20	751	1,090	369	1,260	2,940	873	796	4,840	1,400	913	376	544
21	751	795	320	949	2,820	864	800	5,060	1,470	807	435	510
22	725	786	285	754	2,610	841	710	5,060	1,410	740	439	545
23	703	573	275	601	1,710	738	799	5,000	1,430	728	439	495
24	649	815	428	461	2,710	793	786	4,890	-1,120	625	598	488
25	590	853	337	349	3,140	765	323	4,830	-3,720	575	637	753
26	674	656	312	594	3,190	810	913	4,740	1,020	528	675	791
27	714	-2,090	354	635	3,040	806	2,140	4,650	3,050	468	668	720
28	573	-505	335	584	2,680	805	1,900	4,540	3,790	473	677	704
29	569	2,030	267	527	2,280	883	1,590	4,370	3,940	472	620	695
30	485	2,100	1,030	532	---	869	1,080	4,160	4,030	563	832	636
31	598	---	845	1,560	---	814	---	3,810	---	549	798	---
TOTAL	22,494	18,311	22,559	21,784	66,523	28,088	26,829	92,237	60,349	60,631	16,617	18,042

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.47	5.42	8.01	5.38	7.72	7.60	4.79	8.64	11.93	12.24	5.19	5.15
2	5.32	5.46	7.49	5.06	7.85	7.15	5.03	9.07	11.72	12.08	5.95	4.53
3	5.45	5.35	7.08	4.87	7.80	6.78	4.92	8.79	11.44	11.90	5.38	4.81
4	5.49	5.22	6.66	4.89	7.53	6.53	4.91	8.68	11.09	11.66	5.06	5.22
5	5.42	5.00	6.14	5.05	8.00	6.50	4.89	8.54	10.91	11.42	4.87	5.24
6	5.48	5.11	5.53	4.46	8.82	6.15	5.30	8.25	10.81	11.21	4.48	5.10
7	5.58	4.95	5.46	4.42	8.40	5.50	5.80	7.80	10.36	10.98	4.37	4.78
8	5.50	4.78	5.54	5.51	8.20	4.96	5.30	7.18	10.00	10.80	4.80	4.54
9	5.59	4.89	5.49	6.84	8.05	4.60	4.92	6.50	9.61	10.65	4.81	4.83
10	9.41	5.09	5.21	6.40	8.03	4.28	5.12	6.34	9.18	10.35	4.65	5.10
11	8.51	5.50	4.25	5.72	9.60	4.64	5.12	6.49	8.68	9.98	4.61	4.88
12	7.66	5.42	4.82	5.25	10.68	4.38	5.09	10.42	8.11	9.59	4.48	4.73
13	7.09	5.21	6.33	4.88	10.25	4.48	4.49	11.38	7.59	9.13	4.11	5.11
14	6.71	5.11	6.50	4.76	10.35	4.96	4.03	11.89	7.68	8.60	4.23	5.61
15	6.19	5.54	5.99	4.71	10.34	5.20	4.30	12.94	6.98	8.00	4.39	5.63
16	6.22	5.55	5.67	4.54	10.26	5.14	4.65	12.95	7.10	7.44	4.54	5.24
17	6.05	5.55	4.47	6.06	10.20	5.19	4.80	13.13	7.99	6.99	4.64	5.57
18	5.57	6.89	4.21	7.30	10.11	5.40	5.01	13.57	7.42	6.51	4.69	5.43
19	5.54	6.61	3.87	6.71	9.98	5.34	5.28	13.86	6.91	6.03	4.86	5.31
20	5.62	5.81	3.78	6.16	9.85	5.26	5.29	13.60	7.35	5.77	5.03	5.55
21	5.46	5.80	4.33	5.71	9.62	5.07	5.54	13.48	7.24	5.58	4.80	5.85
22	5.22	5.56	4.87	5.17	9.34	4.66	5.84	13.40	7.29	5.40	4.71	5.92
23	5.05	5.87	5.19	4.78	9.70	5.16	5.91	13.32	7.30	5.17	4.93	6.00
24	5.19	5.80	4.02	4.66	9.90	5.58	5.91	13.23	9.84	4.99	5.29	6.37
25	5.47	5.41	4.29	5.09	9.59	5.57	7.32	13.11	12.90	4.88	5.40	6.08
26	5.43	5.80	4.83	5.06	9.24	5.62	8.80	12.96	12.74	4.65	5.38	5.55
27	4.82	9.18	4.86	4.80	8.82	5.59	7.58	12.79	12.66	4.74	5.31	5.37
28	5.04	10.28	4.78	4.10	8.41	5.64	7.06	12.61	12.50	4.81	5.26	5.18
29	5.26	9.04	5.92	4.74	7.99	5.45	6.88	12.41	12.51	4.93	5.33	4.84
30	5.64	8.50	6.23	7.91	---	5.10	7.93	12.20	12.39	5.13	5.68	4.92
31	5.59	---	5.83	7.95	---	4.95	---	12.06	---	5.09	5.39	---
MAX	9.41	10.28	8.01	7.95	10.68	7.60	8.80	13.86	12.90	12.24	5.95	6.37
MIN	4.82	4.78	3.78	4.10	7.53	4.28	4.03	6.34	6.91	4.65	4.11	4.53

07386940 VERMILION RIVER AT HWY. 733 NEAR LAFAYETTE, LA.

LOCATION.--Lat 30°08'30", long 92°04'32", sec. 76, T. 10 S., R. 4 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at State Highway 733, about 1.2 miles southeast of intersection of State Highway 167 and State Highway 733, near Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.07 ft, Oct. 26, 1996; minimum gage height, -0.68 ft, Dec. 12, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.25 ft, June 25; minimum gage height, -0.09 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.43	2.55	3.26	2.37	3.39	3.50	1.76	4.81	6.35	6.80	2.33	1.88
2	2.24	2.65	2.85	2.13	3.70	3.12	1.88	5.21	6.39	6.62	2.77	1.71
3	2.57	2.43	2.90	2.04	3.34	2.91	1.80	3.65	5.79	6.14	2.13	1.98
4	2.52	2.29	2.55	2.19	3.21	3.17	1.78	3.50	5.32	5.77	1.88	2.24
5	2.43	2.02	1.97	2.23	4.81	3.37	1.88	3.56	5.33	5.58	1.67	2.20
6	2.43	2.23	1.20	0.67	5.51	2.77	2.50	3.37	5.84	5.53	1.17	1.91
7	2.53	1.87	1.86	1.24	3.41	1.96	2.93	3.21	4.93	5.26	1.36	1.39
8	2.55	1.72	2.41	2.92	2.91	1.37	1.94	3.02	4.78	5.20	2.01	1.16
9	2.74	1.86	2.59	3.77	3.28	1.15	1.66	2.75	4.60	5.40	1.90	1.81
10	7.18	2.27	1.92	2.17	3.69	1.17	2.06	2.86	4.29	5.09	1.73	2.02
11	5.35	2.72	0.91	2.02	6.77	1.73	1.95	3.10	3.92	4.70	1.74	1.81
12	3.64	2.50	2.08	1.93	7.71	1.48	1.82	6.49	3.47	4.25	1.49	2.17
13	3.21	2.15	3.55	1.71	5.38	1.72	0.67	7.82	3.36	3.82	1.08	2.47
14	2.99	2.25	2.41	1.79	5.38	2.21	0.25	8.52	3.80	3.42	1.33	2.89
15	2.43	2.77	2.57	1.84	4.88	2.38	1.03	9.63	3.14	3.17	1.57	2.74
16	2.96	2.69	2.54	1.82	4.37	1.99	1.52	8.17	3.83	2.90	1.76	2.18
17	2.73	2.78	0.76	3.35	4.34	1.96	1.76	7.92	4.74	2.54	1.83	2.77
18	2.00	4.19	1.26	3.68	4.29	2.34	2.10	8.68	3.23	2.25	1.90	2.47
19	2.34	2.60	0.84	2.24	4.24	2.19	2.36	9.35	2.77	2.04	2.16	2.35
20	2.48	1.89	0.93	1.84	4.37	2.13	2.32	7.80	3.32	2.12	2.31	2.85
21	2.27	2.62	1.74	2.04	4.08	1.76	2.67	7.13	3.06	2.16	1.91	3.21
22	1.91	2.37	2.30	1.78	4.07	1.37	3.15	6.92	3.22	2.00	1.91	3.27
23	1.85	3.04	2.43	1.65	5.61	2.40	3.12	6.90	3.22	1.67	2.17	3.41
24	2.19	2.17	0.93	1.86	5.73	2.72	3.18	6.84	6.62	1.84	2.35	3.74
25	2.66	1.99	1.68	2.42	4.70	2.77	4.32	6.73	11.45	1.74	2.36	3.08
26	2.31	2.96	2.21	2.02	3.86	2.72	5.53	6.57	9.99	1.60	2.27	2.35
27	1.40	7.50	2.22	1.31	3.38	2.72	3.01	6.42	8.74	1.80	2.19	2.25
28	2.10	7.87	2.17	0.73	3.38	2.74	2.73	6.30	7.43	1.92	2.13	1.91
29	2.35	4.85	3.30	1.86	3.53	2.33	3.17	6.21	7.23	2.03	2.16	1.49
30	2.98	3.82	2.50	4.98	---	1.82	3.87	6.33	6.95	2.11	2.29	1.87
31	2.71	---	2.58	3.95	---	1.64	---	6.42	---	2.13	2.01	---
MAX	7.18	7.87	3.55	4.98	7.71	3.50	5.53	9.63	11.45	6.80	2.77	3.74
MIN	1.40	1.72	0.76	0.67	2.91	1.15	0.25	2.75	2.77	1.60	1.08	1.16

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29° 57'04", long 92° 09'22", on line between secs. 60 and 61, T. 12 S., R. 3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi south of Abbeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to September 1984 (gage heights only) October 1984 to current year. Unpublished gage-height records, August 1960 to September 1978, available in files of the Louisiana District Office, Baton Rouge, La.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 3.46 ft below NGVD of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways). Prior to 1997 datum of gage is 3.34 ft below NGVD of 1929. Prior to 1982 datum of gage 2.95 ft below NGVD of 1929.

REMARKS.--No estimated daily discharges. Records poor. Discharge affected by tide at all stages. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 15,800 ft³/s, Oct. 28, 1985; maximum recorded gage height, 12.06 ft, May 31, 1979; maximum recorded negative discharge, -2,800 ft³/s, Aug. 15, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10,900 ft³/s, June 25; maximum gage height, 10.36 ft, June 25; maximum negative discharge, -1,540 ft³/s; minimum gage height, 2.85 ft, Dec. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	817	560	---	621	1,590	1,400	165	2,100	3,520	5,050	512	890
2	722	540	---	572	2,120	1,380	853	3,130	3,590	4,530	1,550	601
3	446	655	---	488	2,050	1,170	656	1,700	3,280	3,720	923	583
4	673	580	---	391	1,320	643	665	1,240	3,090	3,390	714	712
5	616	486	---	1,530	2,600	1,030	417	1,300	2,980	3,360	899	876
6	587	---	---	---	4,220	1,360	427	1,180	3,540	3,330	791	848
7	644	---	---	127	2,520	1,010	1,440	980	2,620	3,120	336	850
8	713	---	---	1,120	1,540	870	1,040	900	2,310	3,050	379	499
9	495	---	---	2,830	1,700	844	423	688	2,350	3,230	656	338
10	5,790	---	---	1,790	2,370	32	533	558	2,150	3,070	562	772
11	4,480	---	---	729	4,930	714	611	482	1,980	2,710	433	480
12	2,130	---	---	839	6,060	439	1,200	1,690	1,790	2,430	701	86
13	1,410	---	---	670	3,560	64	---	2,920	1,470	2,260	356	300
14	1,460	---	---	467	3,470	812	---	3,610	1,950	2,000	397	382
15	865	---	---	568	3,320	1,020	344	5,060	1,320	1,620	352	932
16	965	---	---	-3.9	2,610	899	591	3,380	1,290	1,540	346	399
17	---	---	---	1,330	2,590	572	579	2,880	3,030	1,390	453	718
18	---	---	435	2,430	2,620	762	360	3,010	1,700	1,270	442	840
19	633	---	384	1,770	2,330	828	772	3,700	1,600	903	368	629
20	761	---	228	852	2,410	732	435	4,370	2,170	921	615	362
21	651	---	100	1,020	2,360	1,040	466	4,200	1,630	854	776	569
22	799	---	231	896	2,020	279	376	4,020	1,530	824	438	526
23	450	---	1,100	552	3,340	210	722	3,970	1,710	884	472	7.0
24	405	---	---	375	3,680	842	920	3,910	4,360	601	539	998
25	472	---	118	418	2,790	402	2,250	3,820	---	678	659	1,220
26	1,120	---	365	643	2,670	730	4,220	3,790	---	518	686	754
27	770	---	353	---	1,940	547	1,960	3,670	---	573	684	694
28	412	---	311	---	1,670	777	1,090	3,600	---	455	699	908
29	579	---	1,620	398	1,540	914	1,260	3,430	4,640	521	857	679
30	403	---	1,440	3,330	---	714	1,650	3,110	4,430	618	1,070	461
31	870	---	891	2,320	---	1,000	---	3,460	---	483	810	---
TOTAL	---	---	---	---	77,940	24,036	---	85,858	---	59,903	19,475	18,913.0

MISSISSIPPI RIVER DELTA
07386980 VERMILION RIVER AT PERRY, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.01	5.25	4.81	5.02	5.29	5.59	4.52	6.10	6.28	7.01	5.03	4.39
2	4.86	5.37	4.65	4.80	5.44	5.25	4.42	5.72	6.25	6.83	5.05	4.38
3	5.28	5.11	5.09	4.74	4.81	5.18	4.45	4.66	5.99	6.28	4.68	4.67
4	5.16	5.00	4.67	4.95	5.26	5.75	4.43	4.94	5.63	5.94	4.50	4.88
5	5.08	4.74	3.97	4.51	6.55	5.90	4.61	5.04	5.42	6.00	4.25	4.78
6	5.08	4.95	3.38	---	6.45	5.12	5.24	4.99	5.88	5.95	3.76	4.45
7	5.19	4.48	4.45	4.03	4.23	4.39	5.34	5.06	5.76	5.63	4.13	3.87
8	5.24	4.39	5.05	5.44	4.41	3.80	4.39	5.12	5.97	5.76	4.80	3.79
9	5.50	4.49	5.25	5.47	5.04	3.67	4.25	5.09	5.88	6.11	4.58	4.51
10	7.92	5.03	4.02	3.75	5.08	3.96	4.64	5.36	5.72	5.80	4.41	4.58
11	6.84	5.40	3.66	4.52	6.76	4.39	4.48	5.64	5.49	5.58	4.44	4.47
12	5.51	5.11	4.85	4.48	7.34	4.20	4.20	6.80	5.23	5.19	4.10	5.01
13	5.46	4.63	5.65	4.34	5.40	4.53	---	7.43	5.37	4.83	3.76	5.25
14	5.21	5.05	4.07	4.51	5.44	4.77	---	7.54	5.51	4.68	4.06	5.69
15	4.87	5.43	5.21	4.55	4.64	4.86	3.71	8.37	5.31	4.84	4.32	5.37
16	5.48	5.31	4.88	4.70	4.61	4.51	4.16	7.37	5.97	4.72	4.51	4.84
17	5.18	5.60	---	5.62	4.80	4.56	4.43	7.15	6.12	4.47	4.53	5.43
18	4.49	6.38	3.98	5.19	4.78	4.97	4.85	7.14	5.16	4.31	4.63	5.05
19	5.00	3.94	3.55	3.83	5.03	4.79	4.97	7.69	4.91	4.38	4.94	5.01
20	5.07	4.39	3.72	4.11	5.34	4.76	5.01	6.98	5.15	4.57	4.99	5.60
21	4.84	5.23	4.58	4.40	4.93	4.25	5.35	6.51	5.02	4.66	4.53	5.92
22	4.47	4.99	5.09	4.25	5.39	4.10	5.90	6.44	5.27	4.54	4.62	5.99
23	4.55	5.72	4.86	4.31	6.42	5.19	5.77	6.56	5.24	4.23	4.85	6.29
24	4.91	3.93	3.65	4.62	6.26	5.37	5.71	6.52	6.56	4.51	4.98	6.34
25	5.40	4.66	4.50	5.12	5.53	5.51	5.73	6.47	9.82	4.43	4.93	5.52
26	4.84	5.63	4.95	4.69	4.27	5.37	6.06	6.27	9.56	4.32	4.83	4.88
27	3.95	7.83	5.00	---	4.42	5.39	4.48	6.20	8.61	4.51	4.73	4.82
28	4.80	8.25	4.99	---	4.89	5.36	4.83	6.11	7.46	4.64	4.69	4.38
29	5.01	5.83	5.40	4.58	5.41	4.86	5.52	6.20	6.82	4.71	4.57	4.01
30	5.72	5.24	4.45	5.85	---	4.30	5.58	6.85	6.63	4.73	4.65	4.53
31	5.29	---	5.12	5.31	---	4.11	---	6.75	---	4.82	4.50	---
MAX	7.92	8.25	---	---	7.34	5.90	---	8.37	9.82	7.01	5.05	6.34
MIN	3.95	3.93	---	---	4.23	3.67	---	4.66	4.91	4.23	3.76	3.79

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA

LOCATION.--Lat 29° 42'38", long 91° 52'42", sec. 30, T. 15 S., R. 6 E., St. Mary Parish, Hydrologic Unit 08080103, on northwest side of private pier at Cypremort Point Yacht Club.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORD

PERIOD OF RECORD.--October 1997 to current year. Prior to October 1997 records for this site are located at Louisiana Department of Wildlife and Fisheries.

GAGE.--Water-stage recorder. Datum of gage is assumed. Prior to July 21, 2003, datum of gage is NAVD 1988.

REMARKS.--Gage was destroyed by Hurricane Lily. Gage heights affected by wind and tide at all stages. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum recorded gage height, 5.07 ft, Sept. 11, 1998; minimum recorded gage height, -1.84 ft, Feb. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.63 ft, Nov. 18, May 30; minimum gage height, -1.71 ft, Apr. 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.45	0.29	1.36	2.60	0.79	1.72	1.55	0.32	0.81	1.93	0.57	1.34
2	2.21	0.37	1.25	2.68	0.91	1.84	1.48	0.07	0.81	1.91	0.36	1.21
3	2.65	0.57	1.71	2.28	0.96	1.62	1.86	0.71	1.36	1.88	0.18	1.17
4	2.56	0.57	1.63	2.21	1.07	1.57	1.42	0.14	0.86	2.13	0.29	1.36
5	2.44	0.51	1.55	1.88	0.73	1.39	0.69	-0.35	0.18	1.99	-0.42	0.39
6	2.27	0.75	1.60	2.04	0.86	1.55	0.82	-1.34	-0.33	0.45	-1.55	-0.78
7	2.20	0.90	1.73	1.72	-0.05	0.94	1.81	-0.11	0.92	2.27	-0.38	0.69
8	2.09	1.12	1.71	2.05	0.06	1.03	2.27	0.21	1.30	2.49	0.40	1.53
9	2.46	1.35	2.02	1.95	0.07	1.02	2.58	0.39	1.60	2.43	-0.42	0.60
10	2.99	1.40	2.30	2.60	0.63	1.63	2.07	-1.39	-0.10	0.84	-1.22	-0.30
11	1.78	0.42	1.27	2.66	0.68	1.78	1.95	-0.64	0.39	1.55	0.12	0.92
12	2.27	0.71	1.59	2.49	0.39	1.48	2.50	0.17	1.33	1.46	0.11	0.85
13	2.57	1.08	1.85	2.26	-0.46	0.84	2.58	0.41	1.48	1.45	0.19	0.78
14	2.47	0.39	1.35	2.79	0.89	1.61	1.76	-0.33	0.28	1.66	0.56	1.05
15	2.59	0.52	1.32	2.92	0.70	1.80	2.59	1.00	1.63	1.58	0.54	1.02
16	2.68	0.79	1.73	2.69	0.62	1.70	2.60	-0.75	0.80	2.15	0.09	1.25
17	2.45	0.35	1.50	3.15	1.41	2.08	0.81	-1.50	-0.68	2.66	1.06	1.83
18	---	---	---	3.63	0.63	2.37	0.92	0.04	0.46	1.95	0.06	1.02
19	1.98	0.62	1.47	0.70	-1.59	-0.75	0.66	-0.93	0.04	0.73	-1.41	-0.38
20	2.48	0.48	1.51	1.96	0.15	1.04	1.44	-0.94	0.28	1.67	-0.72	0.48
21	2.11	0.62	1.39	2.24	0.78	1.49	2.06	-0.23	1.02	1.54	-0.58	0.66
22	1.60	0.48	1.04	2.39	0.08	1.34	2.35	0.11	1.41	1.39	-0.64	0.55
23	1.70	0.60	1.15	2.73	0.78	1.88	2.37	0.06	0.90	1.57	-0.38	0.76
24	2.22	0.78	1.50	1.07	-1.63	-0.57	1.53	-1.08	0.10	1.92	0.19	1.12
25	2.53	0.94	1.87	2.77	-0.05	1.19	2.03	-0.18	0.95	2.21	0.64	1.50
26	2.00	0.15	1.06	3.03	0.52	1.81	2.20	0.02	1.21	1.81	0.93	1.26
27	1.85	-0.76	0.47	3.44	0.87	2.13	2.17	0.26	1.34	1.38	-1.34	-0.57
28	2.38	0.12	1.36	2.13	-1.67	-0.72	2.22	0.71	1.44	1.50	-1.23	0.18
29	2.88	0.17	1.44	1.87	-0.50	0.41	2.29	-0.09	1.16	1.64	0.22	0.99
30	3.14	0.84	2.07	2.03	0.10	1.02	2.18	-0.42	0.73	1.86	0.45	1.16
31	2.72	0.35	1.51	---	---	---	2.18	0.96	1.47	2.28	0.15	1.17
MONTH	---	---	---	3.63	-1.67	1.27	2.60	-1.50	0.81	2.66	-1.55	0.80

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.40	0.44	1.52	2.22	0.51	1.54	1.97	-0.10	0.95	2.61	0.54	1.72
2	2.33	0.51	1.45	2.06	0.34	1.32	1.34	-0.08	0.80	1.33	-0.61	0.47
3	1.70	-0.87	0.51	2.11	0.36	1.30	1.34	0.06	0.84	1.32	-0.61	0.52
4	3.03	0.21	1.37	2.79	0.86	1.92	1.40	0.28	0.87	1.74	-0.43	1.02
5	3.11	1.11	2.22	2.67	1.02	1.96	1.81	0.32	1.01	1.94	-0.09	1.05
6	2.05	-0.68	0.33	2.23	0.29	1.21	2.24	0.79	1.62	2.00	-0.20	1.10
7	0.26	-1.44	-0.59	1.25	-0.23	0.64	2.32	0.36	1.37	2.00	-0.16	1.21
8	1.49	-0.19	0.44	0.96	-0.72	0.10	1.60	-0.18	0.77	2.21	-0.02	1.27
9	1.47	0.27	1.03	0.65	-0.63	0.11	1.76	-0.72	0.76	2.26	0.09	1.39
10	1.26	0.39	0.87	1.66	-0.93	0.41	2.04	-0.15	1.09	2.42	0.57	1.64
11	2.31	0.62	1.58	1.04	0.14	0.70	2.11	-0.36	0.95	2.71	1.02	1.96
12	1.48	-0.51	0.13	1.30	-0.26	0.69	1.12	-0.26	0.53	3.16	2.09	2.68
13	1.32	-0.98	0.24	1.98	-0.21	1.00	-0.14	-1.71	-0.96	3.09	1.86	2.48
14	1.31	-0.21	0.63	1.96	-0.05	1.00	0.31	-1.53	-0.58	2.89	1.43	2.08
15	0.31	-1.63	-0.66	2.11	-0.01	1.11	0.94	-0.66	0.23	1.72	0.96	1.40
16	1.24	-0.91	0.23	1.55	-0.17	0.85	1.03	-0.07	0.58	2.37	1.34	1.94
17	1.33	-0.71	0.45	2.02	-0.19	0.96	1.38	0.34	0.79	2.75	0.86	1.97
18	1.08	-0.83	0.26	1.87	0.41	1.26	1.71	0.49	1.20	2.53	0.77	1.85
19	1.65	-0.23	0.82	1.69	0.25	1.08	1.99	0.26	1.22	2.65	0.72	1.86
20	1.94	0.14	1.10	1.71	0.48	1.10	1.97	0.24	1.42	2.48	0.72	1.70
21	1.39	-0.32	0.77	1.47	-0.48	0.56	2.35	0.63	1.72	2.32	0.58	1.52
22	1.90	0.63	1.41	1.49	-0.69	0.55	2.89	1.22	2.24	2.54	0.55	1.76
23	2.23	1.07	1.59	2.10	0.59	1.56	2.55	0.83	1.80	2.75	1.06	1.98
24	1.98	1.06	1.49	1.93	0.89	1.51	2.77	0.75	1.78	2.68	1.06	1.93
25	1.85	-0.11	1.21	2.50	0.89	1.79	---	---	---	2.67	1.26	1.87
26	0.12	-0.98	-0.44	2.17	0.73	1.57	---	---	---	2.77	0.85	1.63
27	1.20	-0.70	0.42	2.57	0.79	1.64	1.51	-0.79	0.38	2.40	1.14	1.65
28	1.83	-0.14	0.94	2.35	0.84	1.56	2.19	-0.25	1.07	2.22	0.90	1.62
29	2.18	0.58	1.36	2.08	0.47	1.18	2.21	1.19	1.67	2.48	1.45	1.86
30	---	---	---	1.99	-0.43	0.79	2.24	1.22	1.65	3.63	2.14	2.87
31	---	---	---	1.31	-0.24	0.48	---	---	---	3.57	0.98	2.55
MONTH	3.11	-1.63	0.78	2.79	-0.93	1.08	---	---	---	3.63	-0.61	1.70
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	2.73	0.31	1.76	2.34	0.42	1.66	1.50	0.51	0.98
2	---	---	---	2.72	0.21	1.70	1.92	0.34	1.36	1.72	0.49	1.03
3	2.24	0.19	1.52	2.59	0.29	1.62	1.75	0.46	1.19	1.87	0.69	1.23
4	1.99	-0.09	1.09	2.36	0.27	1.55	1.74	0.33	1.15	1.90	0.58	1.40
5	---	---	---	2.55	0.47	1.63	1.37	0.32	0.84	2.01	0.42	1.27
6	---	---	---	2.20	0.54	1.42	0.93	-0.11	0.31	1.77	0.03	0.95
7	---	---	---	1.98	0.59	1.38	1.51	0.31	0.90	1.23	-0.49	0.43
8	---	---	---	1.98	0.98	1.44	1.91	0.63	1.47	1.05	-0.14	0.42
9	---	---	---	2.18	1.05	1.74	1.93	0.29	1.21	1.84	0.28	1.19
10	---	---	---	2.04	0.68	1.42	1.91	-0.05	1.03	1.96	0.01	1.03
11	---	---	---	2.08	0.58	1.50	1.95	0.22	1.19	1.71	0.31	1.15
12	---	---	---	1.89	0.14	1.15	1.71	-0.79	0.74	2.13	0.52	1.65
13	---	---	---	1.69	-0.08	0.92	1.31	-0.79	0.42	2.36	0.96	1.78
14	---	---	---	1.76	-0.01	0.88	1.51	-0.40	0.80	2.70	1.38	2.22
15	---	---	---	1.88	-0.01	1.20	1.70	-0.10	1.06	2.37	0.95	1.77
16	---	---	---	1.94	-0.01	1.05	1.94	0.21	1.23	3.10	0.77	1.83
17	---	---	---	1.71	-0.05	0.94	1.81	0.37	1.21	2.48	0.99	1.96
18	2.02	0.24	1.28	1.74	-0.21	0.68	1.85	0.58	1.33	2.14	0.52	1.48
19	1.90	0.10	1.08	1.74	-0.53	0.79	2.11	1.02	1.63	2.27	0.56	1.44
20	2.01	-0.16	1.08	1.57	-0.10	1.02	2.19	1.22	1.63	2.84	1.12	2.04
21	1.91	0.09	1.32	1.97	0.47	1.19	1.80	0.41	1.14	3.22	1.14	2.23
22	2.51	0.46	1.55	1.68	0.52	1.11	1.92	0.37	1.22	3.53	0.91	2.27
23	2.33	0.65	1.45	1.27	0.38	0.81	2.23	0.34	1.36	3.50	1.51	2.63
24	3.07	0.70	1.66	1.69	0.49	1.08	2.31	0.27	1.48	3.33	1.01	2.41
25	2.03	1.06	1.49	1.52	0.12	0.96	2.49	0.17	1.41	2.57	0.27	1.73
26	---	---	---	1.55	0.32	0.93	2.27	0.05	1.32	1.98	0.27	1.30
27	---	---	---	1.87	0.02	1.12	2.12	0.03	1.28	2.09	0.51	1.33
28	---	---	---	1.95	0.04	1.23	1.95	0.03	1.27	1.32	0.19	0.80
29	2.36	0.51	1.62	2.27	-0.05	1.33	1.77	0.08	1.13	1.46	-0.14	0.58
30	2.58	0.46	1.74	2.34	-0.04	1.36	1.82	0.01	1.12	2.06	0.36	1.12
31	---	---	---	2.16	0.03	1.47	1.86	0.19	1.07	---	---	---
MONTH	---	---	---	2.73	-0.53	1.24	2.49	-0.79	1.17	3.53	-0.49	1.46

07387040 VERMILION BAY NEAR CYPREMORE POINT, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: April 1997 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Dec. 22-Jan. 6 and May 4-18, July 25-Aug. 14, and Sept. 10-30 when records good; May 19-29 and Aug. 15-26 when records fair; and May 30-June 2 when records poor.

SALINITY: Records excellent except for Dec. 22-Jan. 6 and May 4-18, July 25-Aug. 14, and Sept. 10-30 when records good; May 19-29 and Aug. 15-26 when records fair; and May 30-June 2 when records poor.

WATER TEMPERATURE: Records good except for Feb. 4-Mar. 23 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 33,500 microsiemens/cm, July 22, 26, 2000; minimum, 261 microsiemens/cm, Mar. 4, 2004.

SALINITY: Maximum, 14.0 ppt, Oct. 1, 2002; minimum, 0.1 ppt, Mar. 4, 5, May 30, 2004.

WATER TEMPERATURE: Maximum, 34.9°C, July 20, 2004; minimum, 3.0°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 21,300 microsiemens/cm, Sept. 19; minimum, 261 microsiemens/cm, Mar. 4.

SALINITY: Maximum, 12.8 ppt, Sept. 19; minimum, 0.1 ppt, Mar. 4, 5, May 30.

WATER TEMPERATURE: Maximum, 34.9°C, July 20; minimum, 8.2°C, Jan. 7, 8, 11, 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	12,600	11,700	12,500	12,700	10,500	12,100	9,640	7,980	8,500	10,100	2,590	8,290
2	12,300	11,100	12,000	13,300	10,600	12,600	9,380	8,340	8,590	9,880	4,370	8,090
3	12,200	8,980	10,700	13,200	12,100	13,000	9,390	8,550	9,080	9,940	4,600	7,980
4	11,000	10,400	10,500	13,100	12,000	12,700	9,430	7,650	9,070	9,290	2,320	6,420
5	10,700	10,400	10,500	12,200	11,600	11,900	8,010	7,350	7,660	9,480	7,060	8,790
6	11,400	10,400	10,900	11,700	11,400	11,600	8,340	6,530	7,790	10,300	8,520	9,580
7	11,400	10,700	11,200	11,400	11,300	11,400	7,550	6,250	6,820	9,920	6,080	8,360
8	11,700	11,200	11,500	11,400	10,900	11,200	7,960	6,940	7,290	9,830	3,320	7,630
9	11,700	9,010	10,700	11,000	10,400	10,600	7,770	6,670	7,050	9,280	3,800	8,760
10	11,200	5,950	9,500	10,700	9,840	10,300	6,820	6,270	6,460	9,220	8,000	8,600
11	11,000	10,300	10,700	10,900	9,950	10,400	7,130	6,470	6,760	8,050	7,270	7,620
12	11,300	10,700	11,000	10,700	10,000	10,400	7,340	5,020	6,910	7,400	6,100	6,490
13	11,700	11,300	11,400	10,700	10,300	10,500	8,940	4,120	7,150	6,750	5,970	6,340
14	11,400	9,210	10,600	10,600	10,400	10,500	8,410	6,180	7,790	6,570	5,970	6,360
15	9,660	8,890	9,260	10,500	10,300	10,300	8,180	4,940	7,610	6,710	5,630	6,120
16	9,640	9,010	9,240	10,400	10,200	10,300	8,150	4,940	7,530	7,040	2,720	5,310
17	9,160	8,350	8,850	10,300	8,370	10,000	7,940	6,820	7,680	5,860	1,250	3,760
18	---	---	---	10,100	7,470	9,260	7,870	5,690	6,560	6,180	4,000	5,450
19	8,500	8,350	8,430	10,400	9,970	10,000	8,440	5,720	6,960	6,390	5,760	6,060
20	8,470	8,240	8,380	10,300	9,350	9,940	10,200	5,620	7,470	7,760	5,990	6,540
21	8,240	8,180	8,220	12,200	8,790	11,100	10,200	8,960	9,850	6,930	6,190	6,320
22	8,540	8,120	8,270	12,700	7,550	10,700	11,800	5,020	9,360	6,240	5,740	5,900
23	9,350	8,380	8,830	12,800	6,030	10,300	12,800	3,920	10,600	5,960	5,800	5,880
24	10,000	9,040	9,500	12,600	11,600	12,200	12,200	11,100	11,700	6,210	5,730	5,870
25	10,700	8,750	9,720	12,200	10,800	11,700	11,200	6,550	10,500	6,370	5,740	5,860
26	11,500	10,300	11,000	12,200	8,550	11,300	10,200	5,950	8,860	6,450	5,900	6,170
27	10,900	10,400	10,700	12,400	8,220	11,300	9,640	5,890	8,390	6,400	5,750	6,160
28	10,800	9,540	10,100	12,100	7,420	10,700	9,150	3,710	7,430	6,160	5,870	6,040
29	11,600	9,880	10,800	10,600	6,860	9,000	9,570	2,770	7,970	6,120	4,310	5,650
30	11,600	10,100	10,900	10,700	7,240	8,630	9,590	3,460	8,600	5,640	2,540	4,880
31	12,400	9,850	11,200	---	---	---	9,540	2,590	6,680	5,490	3,200	4,940
MONTH	---	---	---	13,300	6,030	10,900	12,800	2,590	8,090	10,300	1,250	6,650

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5,230	3,560	4,910	876	704	766	1,560	1,160	1,390	4,520	525	3,450
2	5,120	3,510	4,770	827	726	794	1,600	1,330	1,400	4,660	3,930	4,230
3	5,360	4,120	5,090	982	490	843	1,640	1,460	1,550	4,630	3,870	4,190
4	5,450	586	3,920	926	261	570	1,580	1,460	1,540	5,050	3,730	4,330
5	4,080	421	2,790	905	293	738	1,560	1,430	1,490	4,990	4,410	4,590
6	5,030	3,450	4,510	872	687	814	1,520	1,340	1,460	5,580	4,400	4,740
7	4,840	4,260	4,680	810	729	776	1,430	1,140	1,240	5,140	2,700	4,270
8	5,050	3,740	4,550	864	749	790	1,170	1,010	1,060	4,620	1,850	3,520
9	5,090	4,000	4,660	854	700	769	1,190	1,030	1,110	3,900	956	2,870
10	4,480	3,950	4,110	932	758	836	1,160	1,070	1,120	3,170	812	2,120
11	4,370	832	2,990	945	849	883	1,080	993	1,040	3,020	485	1,520
12	3,740	3,170	3,590	961	831	917	1,160	1,020	1,080	652	319	445
13	3,650	3,320	3,550	889	835	860	1,150	965	1,060	1,870	356	902
14	3,330	2,060	2,640	951	823	870	1,110	853	950	2,740	372	1,410
15	3,220	1,740	2,760	1,020	809	934	1,780	850	1,040	3,240	1,900	2,800
16	2,430	1,200	1,640	1,090	1,020	1,060	2,360	891	1,630	3,070	719	1,860
17	1,450	948	1,190	1,180	977	1,110	1,780	1,020	1,320	2,530	537	1,310
18	1,200	1,000	1,100	1,320	1,120	1,170	1,300	952	1,080	2,820	556	1,520
19	1,290	1,160	1,240	1,320	1,060	1,230	1,050	949	989	2,880	713	1,870
20	1,680	1,220	1,360	1,280	943	1,070	1,010	614	830	2,720	894	2,020
21	1,570	1,340	1,450	1,020	838	933	1,130	438	845	2,920	942	2,150
22	1,920	1,360	1,540	1,080	628	861	824	401	503	2,830	793	1,790
23	2,080	1,340	1,620	1,080	874	970	914	457	609	2,430	366	1,280
24	2,080	970	1,440	988	774	890	1,380	452	842	2,090	434	1,390
25	1,480	1,320	1,410	969	429	612	---	---	---	1,890	706	1,560
26	1,400	331	973	630	391	493	---	---	---	1,720	1,480	1,620
27	1,470	790	1,110	566	388	455	5,320	3,680	4,160	1,770	1,350	1,630
28	1,090	898	968	516	370	454	4,620	1,590	3,550	1,530	1,120	1,310
29	1,130	704	907	850	467	674	3,750	890	2,080	1,270	552	1,080
30	---	---	---	1,050	764	849	4,060	734	2,370	990	275	507
31	---	---	---	1,420	1,030	1,220	---	---	---	1,120	614	942
MONTH	5,450	331	2,670	1,420	261	846	---	---	---	5,580	275	2,230
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	854	601	754	4,220	3,080	3,580	3,790	3,340	3,600
2	---	---	---	776	725	755	4,190	3,840	4,000	4,190	3,420	3,800
3	2,210	2,020	2,150	800	691	755	3,840	3,660	3,740	4,030	3,090	3,830
4	2,080	1,680	1,890	761	656	712	4,570	3,720	4,110	4,030	3,090	3,880
5	---	---	---	741	608	678	4,800	4,560	4,730	4,810	3,700	4,150
6	---	---	---	663	519	599	4,770	4,380	4,610	4,910	4,340	4,650
7	---	---	---	573	466	516	5,040	4,460	4,670	4,980	4,420	4,740
8	---	---	---	565	439	494	5,260	4,450	4,930	5,080	4,080	4,470
9	---	---	---	630	404	512	5,110	4,120	4,510	4,700	3,820	4,190
10	---	---	---	563	418	484	4,290	4,100	4,190	4,380	3,740	3,900
11	---	---	---	556	437	498	4,210	3,980	4,100	4,010	3,810	3,920
12	---	---	---	530	460	482	4,160	3,960	4,060	4,400	3,880	4,040
13	---	---	---	519	469	493	4,160	3,580	3,910	4,560	3,880	4,200
14	---	---	---	508	441	472	4,020	3,000	3,530	4,750	3,650	4,360
15	---	---	---	501	471	484	3,400	3,030	3,180	5,360	4,300	4,590
16	---	---	---	633	483	529	3,210	2,580	2,880	5,720	4,390	5,100
17	---	---	---	644	538	576	2,850	2,340	2,540	15,100	5,020	6,350
18	996	938	967	687	587	630	3,500	2,570	2,860	18,700	8,030	13,200
19	1,020	926	971	10,500	598	2,320	3,510	2,810	3,250	21,300	9,420	15,000
20	1,080	977	1,030	10,800	2,240	7,410	3,490	3,020	3,290	15,500	6,840	10,200
21	1,200	1,060	1,130	8,730	2,550	6,000	3,190	2,650	3,040	16,900	5,450	11,300
22	1,190	1,090	1,140	6,840	4,030	5,350	3,210	2,600	2,800	12,900	5,520	9,570
23	1,190	1,090	1,130	4,440	2,690	3,360	2,950	2,280	2,590	10,400	3,460	7,000
24	1,150	937	1,090	7,360	3,620	5,780	2,890	2,080	2,380	11,500	3,500	7,200
25	999	860	913	6,440	4,480	5,520	2,370	1,960	2,090	11,900	7,320	10,800
26	---	---	---	5,670	4,560	4,920	2,020	1,890	1,940	11,600	10,500	11,400
27	---	---	---	5,200	4,840	5,050	2,180	1,930	2,040	11,600	10,300	11,100
28	---	---	---	5,180	4,700	5,090	2,380	2,030	2,210	10,700	9,570	10,400
29	816	694	739	4,980	4,070	4,590	3,180	2,290	2,560	9,680	8,730	9,410
30	812	661	738	4,440	3,840	4,020	3,190	2,420	2,830	9,610	9,000	9,250
31	---	---	---	4,040	3,530	3,750	3,500	3,160	3,310	---	---	---
MONTH	---	---	---	10,800	404	2,370	5,260	1,890	3,370	21,300	3,090	6,990

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.2	6.6	7.2	7.3	6.0	6.9	5.4	4.4	4.7	5.7	1.3	4.6
2	7.0	6.3	6.8	7.6	6.0	7.2	5.2	4.6	4.8	5.5	2.3	4.5
3	7.0	5.0	6.1	7.6	6.9	7.5	5.3	4.8	5.1	5.6	2.5	4.4
4	6.2	5.9	6.0	7.5	6.8	7.3	5.3	4.2	5.1	5.2	1.2	3.5
5	6.1	5.9	5.9	7.0	6.6	6.8	4.4	4.0	4.2	5.3	3.9	4.9
6	6.5	5.9	6.2	6.6	6.5	6.6	4.6	3.6	4.3	5.8	4.7	5.4
7	6.5	6.1	6.4	6.5	6.4	6.4	4.2	3.4	3.7	5.6	3.3	4.6
8	6.6	6.3	6.5	6.5	6.2	6.3	4.4	3.8	4.0	5.5	1.7	4.2
9	6.6	5.0	6.1	6.2	5.9	6.0	4.3	3.6	3.9	5.2	2.0	4.9
10	6.3	3.2	5.3	6.1	5.5	5.8	3.7	3.4	3.5	5.2	4.4	4.8
11	6.2	5.8	6.1	6.2	5.6	5.9	3.9	3.5	3.7	4.5	4.0	4.2
12	6.4	6.1	6.2	6.1	5.6	5.9	4.0	2.7	3.8	4.1	3.3	3.5
13	6.6	6.4	6.5	6.1	5.8	6.0	5.0	2.2	3.9	3.7	3.2	3.4
14	6.5	5.1	6.0	6.0	5.9	5.9	4.7	3.4	4.3	3.6	3.2	3.5
15	5.4	5.0	5.2	6.0	5.8	5.9	4.5	2.6	4.2	3.7	3.0	3.3
16	5.4	5.0	5.2	5.9	5.8	5.8	4.5	2.6	4.2	3.9	1.4	2.9
17	5.1	4.6	4.9	5.8	4.6	5.7	4.4	3.7	4.2	3.2	0.6	2.0
18	---	---	---	5.7	4.1	5.2	4.3	3.1	3.6	3.4	2.1	2.9
19	4.7	4.6	4.7	5.9	5.6	5.6	4.7	3.1	3.8	3.5	3.1	3.3
20	4.7	4.6	4.6	5.8	5.2	5.6	5.8	3.0	4.1	4.3	3.2	3.6
21	4.6	4.5	4.6	7.0	4.9	6.3	5.8	5.0	5.5	3.8	3.4	3.4
22	4.7	4.5	4.6	7.3	4.2	6.1	6.7	2.7	5.3	3.4	3.1	3.2
23	5.2	4.6	4.9	7.4	3.3	5.8	7.4	2.1	6.0	3.2	3.1	3.2
24	5.6	5.0	5.3	7.2	6.6	7.0	7.0	6.3	6.6	3.4	3.1	3.2
25	6.1	4.9	5.5	7.0	6.1	6.7	6.3	3.6	5.9	3.5	3.1	3.2
26	6.5	5.8	6.2	7.0	4.8	6.4	5.8	3.2	4.9	3.5	3.2	3.3
27	6.2	5.9	6.0	7.1	4.6	6.4	5.4	3.2	4.7	3.5	3.1	3.3
28	6.1	5.3	5.7	6.9	4.1	6.0	5.1	2.0	4.1	3.3	3.2	3.3
29	6.6	5.5	6.1	6.0	3.8	5.0	5.4	1.4	4.4	3.3	2.3	3.1
30	6.6	5.7	6.2	6.1	4.0	4.8	5.4	1.8	4.8	3.0	1.3	2.6
31	7.1	5.5	6.3	---	---	---	5.3	1.3	3.7	3.0	1.7	2.6
MONTH	---	---	---	7.6	3.3	6.2	7.4	1.3	4.5	5.8	0.6	3.6
FEBRUARY			MARCH			APRIL			MAY			
1	2.8	1.9	2.6	0.4	0.3	0.4	0.8	0.6	0.7	2.4	0.3	1.8
2	2.7	1.8	2.5	0.4	0.4	0.4	0.8	0.7	0.7	2.5	2.1	2.2
3	2.9	2.2	2.7	0.5	0.2	0.4	0.8	0.7	0.8	2.5	2.0	2.2
4	2.9	0.3	2.1	0.5	0.1	0.3	0.8	0.7	0.8	2.7	2.0	2.3
5	2.2	0.2	1.5	0.4	0.1	0.4	0.8	0.7	0.7	2.7	2.3	2.4
6	2.7	1.8	2.4	0.4	0.3	0.4	0.8	0.7	0.7	3.0	2.3	2.5
7	2.6	2.3	2.5	0.4	0.4	0.4	0.7	0.6	0.6	2.8	1.4	2.3
8	2.7	2.0	2.4	0.4	0.4	0.4	0.6	0.5	0.5	2.5	0.9	1.9
9	2.7	2.1	2.5	0.4	0.3	0.4	0.6	0.5	0.5	2.1	0.5	1.5
10	2.4	2.1	2.2	0.5	0.4	0.4	0.6	0.5	0.5	1.6	0.4	1.1
11	2.3	0.4	1.6	0.5	0.4	0.4	0.5	0.5	0.5	1.6	0.2	0.8
12	2.0	1.6	1.9	0.5	0.4	0.5	0.6	0.5	0.5	0.3	0.2	0.2
13	1.9	1.7	1.9	0.4	0.4	0.4	0.6	0.5	0.5	0.9	0.2	0.4
14	1.7	1.0	1.4	0.5	0.4	0.4	0.5	0.4	0.5	1.4	0.2	0.7
15	1.7	0.9	1.4	0.5	0.4	0.5	0.9	0.4	0.5	1.7	1.0	1.4
16	1.2	0.6	0.8	0.5	0.5	0.5	1.2	0.4	0.8	1.6	0.4	0.9
17	0.7	0.5	0.6	0.6	0.5	0.5	0.9	0.5	0.7	1.3	0.3	0.7
18	0.6	0.5	0.5	0.7	0.6	0.6	0.6	0.5	0.5	1.5	0.3	0.8
19	0.6	0.6	0.6	0.7	0.5	0.6	0.5	0.5	0.5	1.5	0.4	1.0
20	0.8	0.6	0.7	0.6	0.5	0.5	0.5	0.3	0.4	1.4	0.4	1.0
21	0.8	0.7	0.7	0.5	0.4	0.5	0.6	0.2	0.4	1.5	0.5	1.1
22	1.0	0.7	0.8	0.5	0.3	0.4	0.4	0.2	0.2	1.5	0.4	0.9
23	1.1	0.7	0.8	0.5	0.4	0.5	0.4	0.2	0.3	1.2	0.2	0.6
24	1.1	0.5	0.7	0.5	0.4	0.4	0.7	0.2	0.4	1.1	0.2	0.7
25	0.7	0.7	0.7	0.5	0.2	0.3	---	---	---	1.0	0.3	0.8
26	0.7	0.2	0.5	0.3	0.2	0.2	---	---	---	0.9	0.7	0.8
27	0.7	0.4	0.5	0.3	0.2	0.2	2.9	1.9	2.2	0.9	0.7	0.8
28	0.5	0.4	0.5	0.3	0.2	0.2	2.5	0.8	1.9	0.8	0.6	0.6
29	0.6	0.3	0.4	0.4	0.2	0.3	2.0	0.4	1.1	0.6	0.3	0.5
30	---	---	---	0.5	0.4	0.4	2.1	0.4	1.2	0.5	0.1	0.3
31	---	---	---	0.7	0.5	0.6	---	---	---	0.6	0.3	0.5
MONTH	2.9	0.2	1.4	0.7	0.1	0.4	---	---	---	3.0	0.1	1.2

MISSISSIPPI RIVER DELTA

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	0.4	0.3	0.4	2.2	1.6	1.9	2.0	1.7	1.9
2	---	---	---	0.4	0.4	0.4	2.2	2.0	2.1	2.2	1.8	2.0
3	1.1	1.0	1.1	0.4	0.3	0.4	2.0	1.9	2.0	2.1	1.6	2.0
4	1.1	0.8	1.0	0.4	0.3	0.3	2.4	2.0	2.2	2.1	1.6	2.0
5	---	---	---	0.4	0.3	0.3	2.6	2.4	2.5	2.6	1.9	2.2
6	---	---	---	0.3	0.3	0.3	2.5	2.3	2.5	2.6	2.3	2.5
7	---	---	---	0.3	0.2	0.3	2.7	2.4	2.5	2.7	2.4	2.5
8	---	---	---	0.3	0.2	0.2	2.8	2.4	2.6	2.7	2.2	2.4
9	---	---	---	0.3	0.2	0.3	2.7	2.2	2.4	2.5	2.0	2.2
10	---	---	---	0.3	0.2	0.2	2.3	2.2	2.2	2.3	2.0	2.1
11	---	---	---	0.3	0.2	0.2	2.2	2.1	2.2	2.1	2.0	2.1
12	---	---	---	0.3	0.2	0.2	2.2	2.1	2.2	2.3	2.0	2.1
13	---	---	---	0.3	0.2	0.2	2.2	1.9	2.1	2.4	2.0	2.2
14	---	---	---	0.3	0.2	0.2	2.1	1.6	1.8	2.5	1.9	2.3
15	---	---	---	0.2	0.2	0.2	1.8	1.6	1.7	2.9	2.3	2.4
16	---	---	---	0.3	0.2	0.3	1.7	1.3	1.5	3.1	2.3	2.7
17	---	---	---	0.3	0.3	0.3	1.5	1.2	1.3	8.8	2.7	3.5
18	0.5	0.5	0.5	0.3	0.3	0.3	1.8	1.3	1.5	11.1	4.4	7.6
19	0.5	0.5	0.5	6.0	0.3	1.3	1.8	1.5	1.7	12.8	5.3	8.7
20	0.5	0.5	0.5	6.1	1.1	4.1	1.8	1.6	1.7	9.0	3.7	5.8
21	0.6	0.5	0.6	4.9	1.3	3.3	1.7	1.4	1.6	9.9	2.9	6.4
22	0.6	0.5	0.6	3.7	2.1	2.9	1.7	1.3	1.4	7.4	3.0	5.4
23	0.6	0.5	0.6	2.4	1.4	1.8	1.5	1.2	1.3	5.9	1.8	3.9
24	0.6	0.5	0.5	4.0	1.9	3.1	1.5	1.1	1.2	6.5	1.8	4.0
25	0.5	0.4	0.4	3.5	2.4	3.0	1.2	1.0	1.1	6.8	4.0	6.1
26	---	---	---	3.1	2.4	2.6	1.0	1.0	1.0	6.6	6.0	6.4
27	---	---	---	2.8	2.6	2.7	1.1	1.0	1.0	6.6	5.8	6.3
28	---	---	---	2.8	2.5	2.7	1.2	1.0	1.1	6.1	5.4	5.9
29	0.4	0.3	0.4	2.7	2.2	2.4	1.7	1.2	1.3	5.4	4.9	5.3
30	0.4	0.3	0.4	2.4	2.0	2.1	1.7	1.2	1.5	5.4	5.0	5.2
31	---	---	---	2.1	1.8	2.0	1.8	1.6	1.7	---	---	---
MONTH	---	---	---	6.1	0.2	1.3	2.8	1.0	1.8	12.8	1.6	3.9

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.7	21.6	22.1	23.2	22.0	22.6	13.8	12.4	13.1	14.1	12.4	13.2
2	21.8	20.9	21.3	23.5	22.4	22.9	14.2	12.8	13.5	14.9	13.6	14.3
3	22.0	20.0	20.9	24.6	22.6	23.5	14.6	13.1	13.7	16.1	14.5	15.2
4	22.2	21.0	21.6	25.2	23.4	24.0	15.3	13.6	14.3	17.1	15.7	16.2
5	23.6	21.4	22.1	25.4	23.6	24.3	14.5	12.8	14.0	16.5	14.1	15.7
6	24.8	21.5	22.4	25.3	23.8	24.4	12.8	10.8	11.6	14.1	9.2	11.1
7	26.2	22.1	23.6	24.7	22.9	23.7	12.2	10.2	11.1	9.2	8.2	8.8
8	26.1	23.6	24.5	22.9	21.2	21.7	13.2	10.8	11.8	8.8	8.2	8.5
9	26.2	24.5	25.3	22.3	20.3	21.1	14.1	12.2	13.0	10.4	8.5	9.6
10	25.6	24.6	25.3	22.4	20.3	21.2	13.5	10.5	12.0	9.9	8.8	9.2
11	25.7	24.9	25.1	23.0	21.1	21.7	12.2	9.4	10.8	9.8	8.2	9.0
12	25.7	24.5	25.1	23.5	21.6	22.3	11.9	11.0	11.4	10.9	8.9	9.8
13	26.3	24.8	25.4	23.3	19.7	21.7	11.6	11.1	11.4	11.6	9.9	10.5
14	26.3	25.1	25.6	19.7	18.4	19.0	11.8	10.3	11.0	12.3	10.4	11.0
15	25.1	23.1	23.9	19.7	18.4	19.0	12.3	10.4	11.3	12.1	10.8	11.3
16	23.8	23.0	23.4	21.1	19.3	20.0	12.2	11.3	11.9	14.0	10.8	12.5
17	24.7	22.9	23.5	23.0	20.1	21.3	11.4	9.5	10.4	14.9	12.7	13.9
18	---	---	---	22.3	20.0	21.4	11.6	9.4	10.5	14.8	13.6	14.0
19	22.5	21.5	22.0	20.0	16.8	17.9	11.5	9.8	10.6	13.9	11.2	12.9
20	23.3	21.8	22.3	17.8	16.3	17.0	11.8	10.1	10.9	12.0	10.3	11.2
21	23.4	22.2	22.8	18.8	17.2	17.9	12.7	10.8	11.5	12.6	10.5	11.4
22	23.7	22.3	22.8	19.9	17.9	18.8	13.6	11.4	12.3	12.9	11.1	11.9
23	25.0	22.6	23.5	20.6	18.6	19.6	13.2	12.3	12.7	14.2	11.9	12.7
24	25.5	23.2	24.1	18.6	13.0	15.0	12.9	11.6	12.1	13.8	13.0	13.2
25	25.0	23.8	24.5	14.0	12.2	13.3	12.7	11.4	11.9	14.2	13.3	13.7
26	24.2	22.6	23.8	15.3	13.5	14.2	13.1	11.3	12.1	14.3	13.6	13.8
27	22.6	18.7	20.2	16.5	15.0	15.6	13.7	12.0	12.8	13.6	10.6	11.8
28	20.0	18.0	19.1	15.8	11.1	13.8	15.4	13.0	13.8	10.9	8.2	9.7
29	21.4	19.2	20.3	12.7	10.6	12.0	14.8	13.1	13.9	10.3	9.2	9.8
30	22.2	20.2	21.1	13.0	11.9	12.4	13.1	11.9	12.7	11.3	10.2	10.7
31	22.7	21.4	22.1	---	---	---	13.2	12.2	12.7	11.8	10.8	11.3
MONTH	---	---	---	25.4	10.6	19.4	15.4	9.4	12.2	17.1	8.2	11.9
FEBRUARY			MARCH			APRIL			MAY			
1	12.1	11.1	11.7	16.2	13.9	14.9	19.7	18.6	19.2	21.3	20.0	20.6
2	12.8	11.7	12.1	17.7	15.3	16.4	21.9	18.9	20.1	20.3	18.7	19.5
3	13.0	10.7	11.5	19.4	16.6	17.8	22.2	19.8	20.7	19.7	17.4	18.6
4	11.8	11.0	11.4	20.1	18.2	19.2	23.2	20.1	21.4	20.7	17.5	18.8
5	13.6	11.7	12.6	20.4	19.0	19.6	21.5	19.7	20.2	22.1	18.0	19.3
6	13.4	12.6	13.1	22.3	19.5	20.6	20.9	18.8	19.8	21.9	18.0	19.5
7	12.8	10.7	11.8	22.2	20.2	21.1	21.1	19.2	20.0	24.1	19.1	21.3
8	11.6	9.5	10.5	21.2	18.8	20.0	21.4	20.1	20.8	24.7	20.0	21.9
9	11.9	9.8	10.7	19.8	18.3	19.0	23.9	21.0	21.9	24.5	21.3	22.7
10	12.6	11.4	11.7	18.8	16.6	17.8	24.0	21.6	22.5	24.4	21.4	22.8
11	12.7	12.0	12.3	18.2	15.8	17.1	22.1	20.6	21.4	24.4	22.3	23.4
12	12.4	10.9	11.9	18.9	16.5	17.6	20.6	17.5	19.2	23.6	22.6	23.1
13	11.1	10.3	10.6	19.3	17.5	18.3	17.9	14.4	16.1	23.5	22.1	22.8
14	10.4	9.8	10.2	18.8	18.2	18.4	18.6	14.3	16.2	23.3	22.1	22.8
15	12.5	8.8	9.9	18.8	18.1	18.4	19.9	16.2	17.7	23.1	21.9	22.5
16	11.6	9.4	10.5	20.9	18.4	19.6	20.5	17.1	18.6	23.2	21.7	22.5
17	12.4	10.4	11.3	21.1	19.5	20.3	21.8	18.1	19.6	23.9	22.2	22.8
18	13.9	11.1	12.0	22.2	19.9	20.6	22.3	18.9	20.5	23.6	22.2	22.7
19	14.8	12.0	13.0	23.1	20.1	21.3	22.7	20.0	20.9	24.8	21.8	23.0
20	15.9	13.3	14.2	23.9	21.0	22.0	21.4	20.4	20.9	25.5	22.3	23.5
21	16.4	14.0	15.0	22.2	20.4	21.4	21.8	19.7	20.6	25.1	22.2	23.4
22	17.1	14.9	15.8	20.4	17.0	18.6	22.6	20.6	21.6	25.1	22.1	23.7
23	16.5	14.9	15.8	18.5	16.5	17.7	23.9	21.3	22.5	24.9	22.6	23.7
24	15.9	15.2	15.6	18.7	16.4	17.7	23.4	22.0	22.6	25.1	23.0	24.1
25	16.1	14.8	15.6	20.6	18.1	19.0	---	---	---	24.8	23.0	23.9
26	14.8	12.3	13.2	21.5	18.5	19.9	---	---	---	24.6	23.2	24.0
27	12.8	10.9	12.0	21.7	19.1	20.4	22.3	20.3	21.4	24.4	22.5	23.6
28	13.6	11.9	12.8	22.4	20.1	21.1	21.5	19.3	20.8	24.7	23.1	23.8
29	14.8	12.8	13.6	21.7	20.7	21.2	21.8	19.9	20.7	24.8	23.3	23.9
30	---	---	---	21.4	19.4	20.5	21.4	20.1	21.0	24.9	23.5	24.1
31	---	---	---	21.0	19.2	20.1	---	---	---	25.6	23.5	24.1
MONTH	17.1	8.8	12.5	23.9	13.9	19.3	---	---	---	25.6	17.4	22.5

MISSISSIPPI RIVER DELTA

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.2	27.6	28.5	33.3	29.6	30.7	31.3	28.2	29.7
2	---	---	---	29.7	28.2	29.0	32.6	29.0	30.4	30.1	28.8	29.5
3	24.9	23.2	24.0	30.6	28.5	29.5	32.1	29.9	31.0	29.4	28.7	28.9
4	25.1	23.5	24.3	32.0	29.2	30.1	31.9	30.2	31.2	30.0	28.0	29.0
5	---	---	---	31.2	29.3	30.4	32.1	30.0	31.0	30.1	28.8	29.3
6	---	---	---	30.9	29.6	30.3	31.3	29.1	30.5	30.4	29.1	29.8
7	---	---	---	30.2	29.4	29.8	29.8	27.5	28.7	30.6	28.9	29.6
8	---	---	---	29.6	28.6	29.3	30.0	28.8	29.3	29.9	27.6	28.9
9	---	---	---	28.6	27.2	28.0	30.7	28.6	29.4	29.5	28.3	28.8
10	---	---	---	28.6	27.2	28.0	31.2	29.5	30.2	29.5	28.0	28.8
11	---	---	---	30.2	27.9	28.5	30.6	30.0	30.2	30.0	28.1	28.9
12	---	---	---	29.6	28.0	28.6	30.2	27.7	29.0	29.9	28.5	28.9
13	---	---	---	31.6	28.4	29.5	27.7	24.8	26.0	29.8	27.5	28.5
14	---	---	---	32.3	29.3	30.8	25.8	23.9	24.8	30.1	28.0	28.8
15	---	---	---	32.3	29.4	30.8	25.2	23.2	24.3	29.0	27.8	28.4
16	---	---	---	31.1	29.5	30.4	26.8	23.8	25.2	28.9	26.9	27.9
17	---	---	---	30.5	29.1	29.9	28.0	24.7	25.8	30.9	28.2	28.9
18	24.9	23.7	24.4	29.9	28.5	29.2	29.2	25.2	26.8	31.4	28.8	29.7
19	25.8	23.8	24.9	29.4	27.6	28.7	30.7	26.4	28.3	30.2	28.1	29.3
20	25.2	23.4	24.4	34.9	27.2	29.5	29.0	27.9	28.7	28.9	27.3	28.0
21	24.3	23.1	23.6	30.9	28.7	29.6	30.0	28.1	28.9	27.9	26.7	27.3
22	24.0	22.3	23.3	30.0	28.9	29.4	30.3	28.6	29.4	27.1	26.1	26.7
23	23.8	22.5	23.1	32.2	29.0	30.3	30.1	29.1	29.6	26.2	25.4	25.9
24	22.9	21.4	22.1	31.2	29.7	30.5	30.6	29.1	29.8	26.7	25.6	26.1
25	21.4	19.9	20.7	31.1	29.7	30.5	31.2	29.4	30.2	26.8	26.1	26.4
26	---	---	---	30.7	28.9	29.8	31.6	29.7	30.3	27.2	25.5	26.4
27	---	---	---	31.6	29.2	30.0	31.1	29.3	30.0	27.2	25.3	26.2
28	---	---	---	31.0	29.5	30.1	33.3	29.0	30.0	27.6	25.0	26.3
29	30.1	27.5	28.2	30.9	29.3	30.0	30.5	29.3	29.9	27.2	24.6	25.9
30	29.6	27.6	28.3	31.2	28.9	30.0	30.4	28.4	29.3	27.9	25.1	26.3
31	---	---	---	32.7	30.0	31.0	30.4	27.8	29.1	---	---	---
MONTH	---	---	---	34.9	27.2	29.7	33.3	23.2	29.0	31.4	24.6	28.1

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA

LOCATION.--Lat 29° 40'28", long 92° 08'08", sec. 3, T. 16 S., R. 3 E., Vermilion Parish, Hydrologic Unit 08080102, on platform near Louisiana Department of Wildlife and Fisheries boatshed in Bayou Fearman.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

REMARKS.--Gage height affected by wind and tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.76 ft, Oct. 3, 2002; minimum gage height, 1.40 ft, Dec. 3, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.39 ft, Sept. 23; minimum gage height, 2.35 ft, Apr. 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.00	4.91	5.98	7.12	5.27	6.24	6.11	4.76	5.35	6.44	5.21	5.89
2	6.95	5.02	5.92	7.18	5.39	6.34	5.98	4.76	5.40	6.36	4.87	5.69
3	7.21	5.02	6.20	6.80	5.36	6.08	6.39	5.33	5.91	6.39	4.76	5.63
4	7.00	4.96	6.04	6.64	5.38	5.97	6.00	4.65	5.37	6.64	4.85	5.83
5	6.83	4.94	5.97	6.20	5.17	5.73	5.32	4.13	4.67	6.42	4.32	5.12
6	6.73	5.12	6.01	6.40	5.29	5.95	5.49	3.35	4.24	5.35	3.03	4.07
7	6.60	5.26	6.17	6.32	4.57	5.49	6.35	4.53	5.43	6.74	4.23	5.35
8	6.58	5.66	6.19	6.52	4.61	5.56	6.84	4.98	5.95	6.95	5.18	6.18
9	7.05	5.80	6.55	6.51	4.57	5.54	7.00	4.99	6.07	6.93	4.22	5.20
10	7.37	5.96	6.78	7.05	5.20	6.12	6.14	2.53	3.79	5.49	3.49	4.29
11	6.38	5.00	5.80	7.13	5.15	6.26	6.38	3.91	4.81	6.02	4.64	5.42
12	6.82	5.29	6.10	6.93	4.84	5.91	7.08	4.79	5.92	5.99	4.58	5.33
13	6.94	5.52	6.29	6.65	4.47	5.62	7.35	4.73	6.03	5.92	4.69	5.34
14	6.92	4.90	5.84	7.16	5.41	6.23	6.03	4.08	4.67	6.09	5.03	5.47
15	6.96	5.30	5.89	7.41	5.24	6.33	6.99	5.67	6.18	6.06	5.00	5.46
16	7.15	5.33	6.30	7.08	5.15	6.15	7.02	3.61	5.19	6.82	4.77	5.82
17	6.92	4.77	5.95	7.34	6.11	6.61	5.05	2.76	3.62	7.05	5.61	6.35
18	---	---	---	7.87	4.27	6.66	5.35	4.11	4.81	6.33	4.31	5.21
19	6.54	5.08	5.97	4.34	2.79	3.36	5.11	3.44	4.46	5.36	3.07	4.13
20	6.89	4.91	5.93	6.28	4.31	5.45	5.84	3.65	4.74	6.17	3.99	5.04
21	6.53	4.91	5.76	6.75	5.32	6.06	6.51	4.60	5.62	6.02	4.09	5.18
22	5.94	4.81	5.29	6.99	4.78	5.92	6.80	4.92	5.99	5.94	3.92	4.99
23	6.07	4.84	5.51	7.24	5.48	6.49	6.83	4.25	5.32	6.05	4.19	5.20
24	6.70	5.25	5.91	5.93	2.73	4.05	6.12	3.53	4.52	6.31	4.71	5.56
25	7.00	5.53	6.35	7.26	4.67	5.79	6.66	4.45	5.61	6.61	5.08	5.90
26	6.46	4.65	5.64	7.52	5.24	6.49	6.81	4.66	5.85	6.07	5.23	5.62
27	6.24	3.88	5.01	7.71	5.42	6.62	6.74	4.92	5.94	5.64	2.95	3.81
28	6.76	4.63	5.75	6.27	2.40	3.74	6.63	5.33	6.00	5.94	3.42	4.67
29	7.11	4.69	5.85	6.22	3.78	4.87	6.87	4.40	5.64	6.25	4.90	5.57
30	7.54	5.49	6.61	6.52	4.67	5.59	6.70	4.23	5.24	6.42	5.20	5.82
31	7.19	4.82	6.05	---	---	---	6.71	5.46	6.01	6.91	4.75	5.75
MONTH	7.54	3.88	5.99	7.87	2.40	5.77	7.35	2.53	5.30	7.05	2.95	5.32

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.88	5.16	6.03	---	---	---	---	---	---	7.11	5.48	6.35
2	6.70	5.15	5.97	---	---	---	---	---	---	5.85	4.09	5.08
3	6.50	4.04	5.14	---	---	---	---	---	---	5.71	3.98	5.00
4	7.51	5.17	6.17	---	---	---	---	---	---	6.27	4.44	5.56
5	7.55	5.88	6.74	---	---	---	6.43	5.48	5.93	6.42	4.55	5.52
6	6.81	3.79	4.86	---	---	---	6.85	5.59	6.37	6.48	4.36	5.56
7	4.81	2.90	3.80	---	---	---	6.84	4.80	5.96	6.60	4.48	5.73
8	6.28	4.53	5.22	---	---	---	6.03	4.39	5.18	6.71	4.63	5.79
9	6.17	4.92	5.67	---	---	---	6.29	3.79	5.21	6.79	4.68	5.89
10	5.84	4.92	5.44	---	---	---	6.54	4.46	5.57	6.90	5.08	6.15
11	6.87	5.36	6.21	---	---	---	6.61	4.33	5.60	7.23	5.52	6.48
12	6.20	4.25	4.91	---	---	---	5.66	4.05	4.86	7.56	6.61	7.17
13	6.01	3.93	4.96	---	---	---	4.07	2.35	3.29	7.60	6.46	7.10
14	5.86	4.50	5.05	---	---	---	4.65	3.02	3.79	7.20	6.00	6.69
15	---	---	---	---	---	---	5.38	4.07	4.71	6.37	5.42	6.02
16	---	---	---	---	---	---	5.44	4.48	5.04	6.95	5.66	6.52
17	---	---	---	---	---	---	5.81	4.81	5.31	7.23	5.69	6.55
18	---	---	---	---	---	---	6.24	5.02	5.80	7.17	5.51	6.43
19	---	---	---	---	---	---	6.46	4.96	5.77	7.10	5.41	6.38
20	---	---	---	---	---	---	6.34	4.89	5.84	6.98	5.39	6.21
21	---	---	---	---	---	---	6.86	5.11	6.17	6.77	5.15	6.00
22	---	---	---	---	---	---	7.39	5.73	6.74	6.95	5.02	6.17
23	---	---	---	6.89	5.37	6.34	7.22	5.66	6.52	7.12	5.55	6.39
24	---	---	---	6.71	5.79	6.28	7.31	5.45	6.42	7.02	5.51	6.31
25	---	---	---	---	---	---	7.04	5.01	6.05	7.03	5.62	6.27
26	---	---	---	---	---	---	5.70	4.83	5.32	6.78	5.25	5.95
27	---	---	---	---	---	---	6.03	3.89	4.96	6.77	5.49	6.00
28	---	---	---	---	---	---	6.78	4.64	5.73	6.62	5.47	6.02
29	---	---	---	---	---	---	6.72	5.78	6.27	6.92	5.87	6.30
30	---	---	---	---	---	---	7.50	5.59	6.33	7.67	6.51	7.22
31	---	---	---	---	---	---	---	---	---	7.59	5.27	6.54
MONTH	---	---	---	---	---	---	---	---	---	7.67	3.98	6.17
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.91	4.99	6.16	6.91	4.77	5.97	6.56	4.75	5.90	5.69	4.84	5.24
2	7.21	4.92	6.10	6.79	4.72	5.87	6.11	4.61	5.59	6.02	4.79	5.30
3	6.74	4.85	6.00	6.77	4.58	5.77	6.01	4.73	5.46	6.24	4.96	5.59
4	6.49	4.54	5.51	6.58	4.55	5.72	5.87	4.65	5.31	6.31	4.91	5.74
5	6.46	4.09	5.38	6.62	4.69	5.83	5.49	4.33	4.92	6.36	4.79	5.60
6	6.53	4.38	5.62	6.54	4.80	5.67	5.20	4.34	4.70	6.06	4.43	5.28
7	7.05	4.87	6.07	6.17	4.88	5.52	5.70	4.58	5.17	5.49	3.86	4.70
8	7.32	5.39	6.46	6.32	5.25	5.75	6.26	4.94	5.76	5.35	4.21	4.79
9	6.96	5.65	6.32	6.54	5.36	6.12	6.15	4.56	5.45	6.16	4.54	5.52
10	6.77	5.69	6.23	6.45	4.91	5.76	6.08	4.39	5.28	6.28	4.35	5.37
11	6.54	5.30	6.03	6.35	4.88	5.80	6.19	4.32	5.33	6.03	4.36	5.47
12	6.52	5.13	5.85	6.20	4.30	5.39	5.96	3.79	5.07	6.69	4.95	6.11
13	6.70	5.42	6.22	5.85	4.18	5.14	5.77	3.79	4.93	6.78	5.57	6.26
14	6.72	4.99	6.19	5.87	4.18	5.05	5.91	4.21	5.20	7.21	5.92	6.74
15	6.78	4.99	5.99	6.22	4.18	5.39	6.03	4.34	5.38	6.85	5.47	6.31
16	7.58	5.07	6.61	6.04	4.16	5.18	6.07	4.57	5.48	7.19	4.99	5.95
17	7.15	4.90	6.12	5.81	4.01	4.99	5.91	4.66	5.43	6.76	5.39	6.25
18	6.49	4.65	5.67	5.58	3.86	4.77	6.01	4.84	5.54	6.62	4.88	5.83
19	6.28	4.50	5.43	---	---	---	6.26	5.28	5.84	6.60	5.01	5.96
20	6.47	4.46	5.51	---	---	---	6.19	5.14	5.72	7.29	5.50	6.55
21	6.41	4.53	5.58	---	---	---	5.84	4.61	5.29	7.80	5.88	6.86
22	6.67	4.82	5.84	---	---	---	6.09	4.63	5.42	7.88	5.63	6.89
23	6.69	4.94	5.84	5.55	4.71	5.10	6.41	4.60	5.58	8.39	6.44	7.47
24	6.84	5.21	5.98	6.01	4.80	5.40	6.57	4.65	5.69	7.76	5.56	6.95
25	6.35	5.26	5.75	5.74	4.50	5.26	6.59	4.45	5.61	6.98	4.88	6.16
26	6.22	5.25	5.70	5.73	4.73	5.29	6.46	4.40	5.55	6.33	4.88	5.74
27	6.49	5.06	5.98	6.20	4.42	5.43	6.37	4.45	5.57	6.39	4.99	5.69
28	6.47	4.93	5.89	6.24	4.33	5.50	6.19	4.47	5.53	5.70	4.79	5.16
29	6.62	4.89	5.92	6.49	4.27	5.54	5.95	4.43	5.39	5.81	4.41	4.91
30	6.85	4.85	5.98	6.43	4.27	5.52	6.23	4.39	5.43	6.43	4.88	5.49
31	---	---	---	6.43	4.30	5.70	6.07	4.82	5.40	---	---	---
MONTH	7.58	4.09	5.93	---	---	---	6.59	3.79	5.42	8.39	3.86	5.86

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: June 1999 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Apr. 15-May 31, June 28-July 14, Aug. 20-25, and Sept. 29-30 when records good.

SALINITY: Records excellent except for Apr. 15-May 31, June 28-July 14, Aug. 20-25, and Sept. 29-30 when records good.

WATER TEMPERATURE: Rated good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,600 microsiemens/cm, Sept. 11, 2000; minimum, 467 microsiemens/cm, July 18, 2004.

SALINITY: Maximum, 15.5 ppt, Apr. 19, 2004; minimum, 0.2 ppt, July 18, 2004.

WATER TEMPERATURE: Maximum, 35.9°C, July 23, 1999; minimum, 0.4°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 25,400 microsiemens/cm, Apr. 19; minimum, 467 microsiemens/cm, July 18.

SALINITY: Maximum, 15.5 ppt, Apr. 19; minimum, 0.2 ppt, July 18.

WATER TEMPERATURE: Maximum, 35.4°C, July 23; minimum, 5.4°C, Jan. 7.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13,500	12,000	13,000	11,400	11,000	11,200	8,800	6,800	8,010	13,500	12,000	12,800
2	13,200	11,600	12,400	11,500	11,000	11,300	7,580	6,910	7,290	13,800	13,100	13,400
3	12,600	11,800	12,200	12,900	11,200	11,500	8,060	7,490	7,810	13,800	13,100	13,500
4	12,300	11,300	11,900	15,100	11,500	13,000	8,520	6,380	7,520	13,300	12,100	12,800
5	12,100	11,000	11,800	14,700	11,300	13,300	7,640	5,860	6,570	12,500	11,400	12,200
6	12,000	11,200	11,700	13,900	11,500	12,600	6,320	5,260	5,620	11,500	8,900	10,200
7	11,900	11,300	11,600	12,300	11,200	11,800	7,010	5,790	6,440	11,100	10,100	10,700
8	12,000	11,100	11,600	13,700	10,500	11,900	7,570	5,700	6,710	11,300	11,000	11,200
9	12,100	11,500	11,700	13,800	10,900	12,300	9,110	7,570	8,260	11,300	10,200	10,600
10	11,600	11,200	11,400	13,800	13,400	13,600	9,060	6,250	7,170	10,200	9,190	9,700
11	11,500	10,500	11,100	13,700	12,700	13,500	7,150	6,060	6,480	10,200	9,580	9,960
12	11,400	10,200	11,100	13,700	12,600	13,300	7,760	7,050	7,400	10,300	8,870	9,680
13	11,200	10,900	11,100	14,600	12,300	13,100	8,120	6,850	7,650	9,370	7,100	8,560
14	11,200	9,940	10,800	14,800	14,000	14,500	6,850	6,300	6,490	7,180	6,410	6,810
15	11,100	10,100	10,800	14,500	14,100	14,400	7,840	6,780	7,260	7,860	6,440	7,070
16	11,200	10,900	11,000	14,500	14,200	14,400	8,080	6,690	7,310	7,360	6,120	6,630
17	11,100	10,100	10,800	15,200	14,400	14,800	6,720	6,160	6,520	8,780	6,590	7,570
18	---	---	---	15,100	13,600	14,500	6,240	5,320	5,880	8,900	6,850	7,850
19	13,300	10,800	12,000	13,700	12,400	13,200	5,610	5,350	5,520	6,880	6,060	6,580
20	13,800	10,300	12,000	13,100	12,300	12,900	5,580	5,140	5,360	7,010	6,330	6,820
21	13,300	9,820	11,600	12,300	11,300	11,800	6,000	5,350	5,600	7,130	5,440	6,510
22	12,900	8,420	10,600	12,200	11,200	11,500	6,820	6,000	6,300	7,310	5,230	6,530
23	13,000	8,460	10,800	13,200	12,200	12,700	7,290	6,450	6,880	7,450	5,190	6,620
24	10,300	9,160	9,810	12,800	10,900	11,600	7,520	6,110	6,440	8,590	6,920	7,530
25	10,500	9,400	10,100	12,100	11,200	11,700	8,990	7,520	8,520	9,170	8,590	8,990
26	10,700	8,270	9,460	12,500	12,100	12,300	9,530	8,910	9,270	9,170	8,380	8,860
27	10,300	7,540	8,620	12,700	9,920	11,200	11,100	9,400	9,810	8,600	6,550	7,010
28	11,000	6,800	9,520	10,200	7,290	8,780	13,000	11,100	11,900	8,050	6,470	7,200
29	11,000	7,830	9,550	8,330	6,770	7,630	13,900	10,800	12,900	7,820	5,840	6,830
30	11,100	9,900	10,600	9,000	7,700	8,330	12,300	10,100	11,300	6,230	5,720	5,940
31	11,400	10,400	11,000	---	---	---	13,300	12,300	12,800	6,390	5,980	6,200
MONTH	---	---	---	15,200	6,770	12,300	13,900	5,140	7,710	13,800	5,190	8,800

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6,620	6,160	6,300	---	---	---	---	---	---	4,950	3,480	4,180
2	6,730	6,070	6,440	---	---	---	---	---	---	6,090	4,860	5,570
3	6,570	5,210	5,870	---	---	---	---	---	---	6,750	5,000	5,780
4	7,300	6,220	6,630	---	---	---	---	---	---	6,780	5,700	6,090
5	7,920	6,710	7,230	---	---	---	2,060	1,760	1,920	6,570	5,820	6,120
6	7,470	5,700	6,160	---	---	---	1,940	1,460	1,720	6,720	6,020	6,290
7	5,830	5,180	5,660	---	---	---	2,030	1,400	1,640	6,620	6,150	6,340
8	5,870	4,950	5,450	---	---	---	2,330	1,450	1,920	6,540	6,150	6,310
9	7,140	5,580	6,090	---	---	---	2,760	1,890	2,230	6,520	6,160	6,300
10	7,140	5,580	6,560	---	---	---	2,410	1,860	2,110	6,360	6,190	6,290
11	6,810	5,660	6,290	---	---	---	2,210	2,020	2,100	6,460	6,290	6,340
12	6,530	4,560	5,360	---	---	---	2,710	2,040	2,330	6,470	6,300	6,400
13	6,030	4,320	5,010	---	---	---	3,250	2,440	2,960	6,490	6,180	6,340
14	5,520	3,300	4,730	---	---	---	3,280	2,330	2,860	6,440	5,800	6,070
15	---	---	---	---	---	---	3,030	2,150	2,530	5,970	5,460	5,720
16	---	---	---	---	---	---	3,090	2,060	2,510	5,860	5,480	5,780
17	---	---	---	---	---	---	15,900	2,510	4,670	5,720	4,840	5,520
18	---	---	---	---	---	---	20,900	5,350	15,100	5,720	3,450	4,410
19	---	---	---	---	---	---	25,400	18,500	22,900	5,220	3,690	4,410
20	---	---	---	---	---	---	21,100	17,100	18,400	5,260	3,610	4,480
21	---	---	---	---	---	---	17,800	15,900	16,700	5,210	3,530	4,610
22	---	---	---	---	---	---	17,700	15,800	17,000	5,230	3,510	4,080
23	---	---	---	2,660	2,500	2,560	17,200	10,100	13,100	4,630	2,840	3,530
24	---	---	---	2,730	2,550	2,630	13,400	6,270	9,190	4,290	3,190	3,660
25	---	---	---	---	---	---	11,700	5,580	7,550	4,220	3,570	3,850
26	---	---	---	---	---	---	10,600	7,090	9,250	4,290	3,770	3,900
27	---	---	---	---	---	---	10,400	5,360	8,170	4,580	3,890	4,060
28	---	---	---	---	---	---	9,260	5,090	6,730	4,250	3,340	3,770
29	---	---	---	---	---	---	6,290	3,650	4,620	3,790	3,460	3,640
30	---	---	---	---	---	---	5,390	3,380	4,170	3,620	3,270	3,490
31	---	---	---	---	---	---	---	---	---	3,830	3,410	3,590
MONTH	---	---	---	---	---	---	---	---	---	6,780	2,840	5,060
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3,920	3,340	3,520	2,440	2,280	2,400	3,840	2,340	3,420	7,090	6,130	6,720
2	3,650	2,400	2,960	2,400	2,160	2,330	4,010	2,340	3,440	7,140	6,460	6,850
3	3,620	2,760	3,230	2,250	1,790	2,050	3,910	2,370	3,420	7,210	6,710	7,060
4	3,940	2,670	3,210	2,120	1,560	1,760	3,760	2,550	3,390	7,250	7,050	7,110
5	4,790	2,610	3,380	2,000	1,150	1,440	3,640	2,500	3,030	7,390	7,000	7,190
6	4,300	2,210	2,940	1,810	1,200	1,470	3,300	2,300	2,880	7,450	6,860	7,210
7	3,540	1,490	2,360	1,710	983	1,280	3,940	2,860	3,510	7,160	6,080	6,760
8	3,020	2,570	2,800	1,990	827	1,270	4,120	3,740	3,910	7,210	6,230	6,920
9	3,300	2,670	3,030	1,400	786	1,040	3,900	3,330	3,670	7,040	6,510	6,710
10	3,150	2,900	3,000	1,650	944	1,210	3,730	3,080	3,510	6,840	6,320	6,530
11	3,090	2,880	2,950	1,600	972	1,170	3,650	3,060	3,460	6,750	6,350	6,480
12	3,320	2,930	3,040	1,800	814	1,280	3,640	2,840	3,260	6,510	6,040	6,290
13	3,280	2,970	3,100	2,020	1,030	1,500	3,700	3,110	3,470	6,720	6,120	6,360
14	3,280	3,010	3,080	2,020	929	1,340	4,300	3,250	3,710	8,490	6,360	7,080
15	3,400	3,100	3,260	1,800	821	1,150	5,340	3,220	4,610	9,800	7,240	8,060
16	3,300	3,060	3,230	1,640	697	1,030	5,510	4,020	5,020	10,300	7,030	8,470
17	3,240	2,910	3,110	1,700	544	967	5,960	4,460	5,610	10,300	7,630	8,910
18	3,420	3,020	3,280	1,860	467	1,040	6,160	5,080	5,850	8,210	7,830	7,980
19	3,740	3,420	3,550	---	---	---	6,220	5,690	6,050	8,190	7,940	8,070
20	3,870	3,460	3,600	---	---	---	6,820	5,670	6,230	8,310	7,800	8,060
21	3,800	3,020	3,440	---	---	---	6,820	5,120	5,900	8,580	8,290	8,450
22	3,620	2,190	2,810	---	---	---	6,560	5,410	6,200	8,810	8,540	8,670
23	3,220	2,400	2,730	1,600	1,260	1,410	6,520	5,380	6,170	10,200	8,400	9,110
24	3,170	2,670	2,850	1,420	1,190	1,370	6,600	5,640	6,220	11,200	8,370	9,750
25	2,820	2,020	2,440	1,300	1,090	1,200	6,990	5,720	6,450	9,940	7,870	8,960
26	2,360	1,790	2,020	1,280	1,070	1,170	7,310	5,920	6,870	9,360	7,860	8,660
27	2,160	1,930	2,070	1,500	1,200	1,310	7,420	6,220	7,130	10,100	7,800	8,980
28	2,180	2,000	2,090	1,640	1,430	1,500	7,300	6,490	7,100	10,000	7,520	8,830
29	2,500	2,060	2,340	1,640	1,490	1,540	7,230	6,260	6,940	10,200	7,480	8,810
30	2,470	2,130	2,390	2,600	1,590	2,210	7,110	6,000	6,790	10,200	8,820	9,720
31	---	---	---	3,600	1,980	3,280	7,110	6,320	6,800	---	---	---
MONTH	4,790	1,490	2,930	---	---	---	7,420	2,300	4,970	11,200	6,040	7,830

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.8	6.8	7.5	6.5	6.2	6.4	4.9	3.7	4.4	7.8	6.8	7.4
2	7.6	6.6	7.1	6.5	6.2	6.4	4.2	3.8	4.0	7.9	7.5	7.7
3	7.2	6.7	7.0	7.4	6.3	6.5	4.5	4.1	4.3	7.9	7.5	7.7
4	7.0	6.4	6.8	8.8	6.5	7.5	4.7	3.5	4.1	7.6	6.9	7.4
5	6.9	6.2	6.7	8.6	6.4	7.7	4.2	3.2	3.6	7.2	6.5	7.0
6	6.8	6.3	6.7	8.0	6.5	7.2	3.4	2.8	3.0	6.5	5.0	5.7
7	6.8	6.4	6.6	7.0	6.3	6.7	3.8	3.1	3.5	6.3	5.7	6.0
8	6.8	6.3	6.6	7.9	6.0	6.8	4.2	3.1	3.7	6.4	6.2	6.3
9	6.9	6.5	6.7	7.9	6.2	7.0	5.1	4.2	4.6	6.4	5.8	6.0
10	6.6	6.3	6.5	7.9	7.7	7.8	5.1	3.4	3.9	5.8	5.1	5.4
11	6.5	6.0	6.3	7.9	7.3	7.8	3.9	3.3	3.5	5.8	5.4	5.6
12	6.5	5.8	6.3	7.9	7.2	7.7	4.3	3.9	4.1	5.8	4.9	5.4
13	6.3	6.2	6.3	8.5	7.0	7.5	4.5	3.7	4.2	5.2	3.9	4.8
14	6.3	5.6	6.1	8.6	8.1	8.4	3.7	3.4	3.5	3.9	3.5	3.7
15	6.3	5.7	6.1	8.4	8.1	8.4	4.3	3.7	4.0	4.3	3.5	3.9
16	6.3	6.2	6.2	8.4	8.2	8.3	4.5	3.7	4.0	4.0	3.3	3.6
17	6.3	5.7	6.1	8.9	8.3	8.6	3.7	3.3	3.6	4.9	3.6	4.2
18	---	---	---	8.8	7.8	8.4	3.4	2.9	3.2	5.0	3.7	4.3
19	7.6	6.1	6.8	7.9	7.1	7.6	3.0	2.9	3.0	3.8	3.3	3.6
20	7.9	5.8	6.8	7.5	7.0	7.4	3.0	2.8	2.9	3.8	3.4	3.7
21	7.6	5.5	6.6	7.0	6.4	6.7	3.3	2.9	3.0	3.9	2.9	3.5
22	7.4	4.7	6.0	7.0	6.3	6.5	3.7	3.3	3.4	4.0	2.8	3.6
23	7.5	4.7	6.1	7.6	7.0	7.3	4.0	3.5	3.8	4.1	2.8	3.6
24	5.8	5.1	5.5	7.4	6.2	6.6	4.1	3.3	3.5	4.8	3.8	4.1
25	6.0	5.3	5.7	6.9	6.3	6.7	5.0	4.1	4.7	5.1	4.8	5.0
26	6.1	4.6	5.3	7.2	6.9	7.0	5.3	5.0	5.2	5.1	4.6	4.9
27	5.8	4.2	4.8	7.3	5.6	6.3	6.3	5.3	5.5	4.8	3.6	3.8
28	6.2	3.7	5.3	5.8	4.0	4.9	7.5	6.3	6.8	4.5	3.5	4.0
29	6.2	4.3	5.4	4.6	3.7	4.2	8.0	6.1	7.4	4.3	3.2	3.7
30	6.3	5.6	6.0	5.0	4.2	4.6	7.0	5.7	6.4	3.4	3.1	3.2
31	6.5	5.9	6.2	---	---	---	7.6	7.0	7.4	3.5	3.2	3.4
MONTH	---	---	---	8.9	3.7	7.0	8.0	2.8	4.3	7.9	2.8	4.9
FEBRUARY			MARCH			APRIL			MAY			
1	3.6	3.3	3.4	---	---	---	---	---	---	2.6	1.8	2.2
2	3.7	3.3	3.5	---	---	---	---	---	---	3.3	2.6	3.0
3	3.6	2.8	3.2	---	---	---	---	---	---	3.7	2.7	3.1
4	4.0	3.4	3.6	---	---	---	---	---	---	3.7	3.1	3.3
5	4.4	3.7	4.0	---	---	---	1.0	0.9	1.0	3.6	3.1	3.3
6	4.1	3.1	3.3	---	---	---	1.0	0.7	0.9	3.7	3.3	3.4
7	3.2	2.8	3.1	---	---	---	1.0	0.7	0.8	3.6	3.3	3.4
8	3.2	2.6	2.9	---	---	---	1.2	0.7	1.0	3.6	3.3	3.4
9	3.9	3.0	3.3	---	---	---	1.4	1.0	1.1	3.6	3.3	3.4
10	3.9	3.0	3.6	---	---	---	1.2	0.9	1.1	3.5	3.4	3.4
11	3.7	3.1	3.4	---	---	---	1.1	1.0	1.1	3.5	3.4	3.4
12	3.6	2.4	2.9	---	---	---	1.4	1.0	1.2	3.5	3.4	3.5
13	3.3	2.3	2.7	---	---	---	1.7	1.3	1.5	3.5	3.4	3.5
14	3.0	1.7	2.5	---	---	---	1.7	1.2	1.5	3.5	3.1	3.3
15	---	---	---	---	---	---	1.6	1.1	1.3	3.2	2.9	3.1
16	---	---	---	---	---	---	1.6	1.0	1.3	3.2	2.9	3.1
17	---	---	---	---	---	---	9.3	1.3	2.5	3.1	2.6	3.0
18	---	---	---	---	---	---	12.5	2.9	8.8	3.1	1.8	2.3
19	---	---	---	---	---	---	15.5	10.9	13.8	2.8	1.9	2.3
20	---	---	---	---	---	---	12.6	10.1	10.9	2.8	1.9	2.4
21	---	---	---	---	---	---	10.5	9.3	9.8	2.8	1.8	2.5
22	---	---	---	---	---	---	10.4	9.2	10	2.8	1.8	2.2
23	---	---	---	1.4	1.3	1.3	10.1	5.7	7.6	2.5	1.5	1.9
24	---	---	---	1.4	1.3	1.4	7.7	3.4	5.2	2.3	1.7	1.9
25	---	---	---	---	---	---	6.6	3.0	4.2	2.2	1.9	2.0
26	---	---	---	---	---	---	6.0	3.9	5.2	2.3	2.0	2.1
27	---	---	---	---	---	---	5.9	2.9	4.5	2.4	2.1	2.1
28	---	---	---	---	---	---	5.2	2.7	3.7	2.3	1.7	2.0
29	---	---	---	---	---	---	3.4	1.9	2.5	2.0	1.8	1.9
30	---	---	---	---	---	---	2.9	1.8	2.2	1.9	1.7	1.8
31	---	---	---	---	---	---	---	---	---	2.0	1.8	1.9
MONTH	---	---	---	---	---	---	---	---	---	3.7	1.5	2.7

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.1	1.7	1.8	1.3	1.2	1.2	2.0	1.2	1.8	3.9	3.3	3.7
2	1.9	1.2	1.5	1.2	1.1	1.2	2.1	1.2	1.8	3.9	3.5	3.7
3	1.9	1.4	1.7	1.1	0.9	1.0	2.1	1.2	1.8	4.0	3.7	3.9
4	2.1	1.4	1.7	1.1	0.8	0.9	2.0	1.3	1.8	4.0	3.9	3.9
5	2.6	1.3	1.8	1.0	0.6	0.7	1.9	1.3	1.6	4.1	3.8	3.9
6	2.3	1.1	1.5	0.9	0.6	0.7	1.7	1.2	1.5	4.1	3.8	4.0
7	1.9	0.7	1.2	0.9	0.5	0.6	2.1	1.5	1.8	3.9	3.3	3.7
8	1.6	1.3	1.4	1.0	0.4	0.6	2.2	2.0	2.1	4.0	3.4	3.8
9	1.7	1.4	1.6	0.7	0.4	0.5	2.1	1.7	1.9	3.9	3.5	3.7
10	1.6	1.5	1.6	0.8	0.5	0.6	2.0	1.6	1.8	3.7	3.4	3.6
11	1.6	1.5	1.5	0.8	0.5	0.6	1.9	1.6	1.8	3.7	3.5	3.5
12	1.7	1.5	1.6	0.9	0.4	0.6	1.9	1.5	1.7	3.5	3.3	3.4
13	1.7	1.5	1.6	1.0	0.5	0.8	1.9	1.6	1.8	3.7	3.3	3.5
14	1.7	1.6	1.6	1.0	0.5	0.7	2.3	1.7	1.9	4.7	3.5	3.9
15	1.8	1.6	1.7	0.9	0.4	0.6	2.9	1.7	2.5	5.5	4.0	4.5
16	1.7	1.6	1.7	0.8	0.3	0.5	3.0	2.1	2.7	5.8	3.9	4.7
17	1.7	1.5	1.6	0.9	0.3	0.5	3.2	2.4	3.0	5.8	4.2	5.0
18	1.8	1.6	1.7	0.9	0.2	0.5	3.3	2.7	3.2	4.5	4.3	4.4
19	2.0	1.8	1.9	---	---	---	3.4	3.1	3.3	4.5	4.4	4.5
20	2.0	1.8	1.9	---	---	---	3.7	3.1	3.4	4.6	4.3	4.5
21	2.0	1.6	1.8	---	---	---	3.7	2.7	3.2	4.8	4.6	4.7
22	1.9	1.1	1.5	---	---	---	3.6	2.9	3.4	4.9	4.7	4.8
23	1.7	1.2	1.4	0.8	0.6	0.7	3.6	2.9	3.4	5.8	4.7	5.1
24	1.6	1.4	1.5	0.7	0.6	0.7	3.6	3.0	3.4	6.3	4.6	5.5
25	1.5	1.0	1.3	0.6	0.5	0.6	3.8	3.1	3.5	5.6	4.3	5.0
26	1.2	0.9	1.0	0.6	0.5	0.6	4.0	3.2	3.8	5.2	4.3	4.8
27	1.1	1.0	1.1	0.8	0.6	0.6	4.1	3.4	3.9	5.7	4.3	5.0
28	1.1	1.0	1.1	0.8	0.7	0.8	4.0	3.5	3.9	5.6	4.1	4.9
29	1.3	1.0	1.2	0.8	0.7	0.8	4.0	3.4	3.8	5.8	4.1	4.9
30	1.3	1.1	1.2	1.3	0.8	1.1	3.9	3.3	3.7	5.8	4.9	5.5
31	---	---	---	1.9	1.0	1.7	3.9	3.4	3.7	---	---	---
MONTH	2.6	0.7	1.5	---	---	---	4.1	1.2	2.7	6.3	3.3	4.3

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.9	19.7	21.2	25.6	22.6	23.8	16.8	11.8	13.7	15.8	13.3	14.2
2	22.0	18.8	20.6	26.0	23.4	24.3	15.1	12.9	14.2	16.6	15.1	16.1
3	22.3	19.0	20.5	25.8	23.4	24.5	16.3	14.1	15.2	18.3	16.5	17.4
4	24.2	20.5	22.1	25.6	22.9	24.3	16.5	15.8	16.1	19.0	17.5	18.2
5	26.5	22.4	23.8	26.0	23.4	24.8	16.1	11.2	14.5	19.2	12.1	17.1
6	26.4	24.1	25.0	25.8	23.7	24.9	11.2	8.1	10.0	12.1	8.0	9.2
7	27.4	25.1	26.1	24.8	21.3	22.9	11.5	8.4	10.2	8.6	5.4	7.1
8	26.8	25.3	26.1	21.4	19.0	20.7	12.6	10.3	11.6	8.0	7.1	7.5
9	26.5	25.5	25.9	21.8	18.4	20.3	15.3	12.4	13.6	12.6	8.0	9.9
10	25.9	25.1	25.5	21.9	19.7	21.0	14.2	10.1	12.0	11.0	6.1	9.3
11	26.1	24.0	25.0	23.8	20.8	22.1	11.9	7.9	10.4	10.7	7.5	8.8
12	27.4	24.1	25.6	25.4	22.0	23.3	11.9	10.6	11.2	11.8	8.2	10
13	27.2	25.1	26.1	23.4	19.6	22.0	11.8	10.3	11.4	---	---	---
14	28.0	25.1	26.2	19.6	16.7	17.9	12.9	9.2	10.7	15.1	11.4	12.7
15	25.6	22.5	23.2	20.5	17.1	18.5	13.5	10.2	11.4	14.9	12.6	14.0
16	24.3	21.4	22.6	22.5	19.0	20.4	13.9	10.5	12.7	15.3	14.4	14.7
17	25.4	22.1	23.3	22.6	20.4	21.4	12.1	7.6	9.6	16.0	14.7	15.1
18	---	---	---	22.1	18.4	21.4	12.0	8.0	10.3	17.0	14.7	15.5
19	23.0	20.1	21.4	18.4	14.4	16.1	11.5	8.6	10.3	14.9	11.6	13.0
20	24.2	20.4	22.3	17.6	14.2	16.1	12.0	9.3	10.6	11.7	6.7	9.8
21	25.4	21.6	23.4	18.4	16.2	17.4	12.7	9.8	11.4	12.3	8.3	10.4
22	25.6	21.5	23.5	20.0	18.2	19.1	14.0	11.8	13.0	14.5	9.7	11.7
23	25.2	22.2	23.7	21.5	18.9	20.0	15.4	12.0	14.4	15.1	11.1	12.7
24	26.0	23.9	25.0	18.9	11.9	13.9	14.0	9.4	12.3	15.0	13.0	13.8
25	25.5	24.5	25.0	13.3	10.7	12.2	13.1	11.0	12.1	17.4	14.3	15.4
26	24.8	20.4	23.9	15.0	12.8	13.8	14.3	11.2	12.6	16.5	14.7	15.4
27	20.4	17.0	18.1	18.4	14.7	16.6	15.8	12.9	13.9	14.7	9.5	11.4
28	19.9	16.0	18.0	17.3	11.6	13.7	16.3	13.8	14.9	9.8	5.9	8.2
29	22.1	17.2	19.4	13.5	10.2	11.5	15.9	13.4	15.0	10.2	8.3	9.3
30	22.9	19.7	21.1	14.3	10.2	12.0	13.9	10.5	12.6	11.7	10.1	10.7
31	25.1	21.1	22.8	---	---	---	13.4	11.5	12.5	11.5	10.6	11.1
MONTH	---	---	---	26.0	10.2	19.4	16.8	7.6	12.4	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	12.1	10.5	11.3	---	---	---	---	---	---	24.1	22.1	23.0
2	13.2	12.0	12.5	---	---	---	---	---	---	23.0	19.7	21.3
3	12.6	9.8	11.5	---	---	---	---	---	---	23.8	19.3	21.1
4	11.6	10.1	10.9	---	---	---	---	---	---	23.9	19.9	21.7
5	14.4	11.5	13.0	---	---	---	---	---	---	26.4	21.6	23.6
6	15.0	11.7	13.7	---	---	---	21.7	20.1	20.8	27.3	23.2	24.6
7	13.0	8.3	10.7	---	---	---	24.5	20.2	22.0	26.8	24.1	25.1
8	11.6	9.6	10.0	---	---	---	25.5	21.4	23.0	27.4	24.4	25.7
9	10.9	8.9	10	---	---	---	26.5	22.1	24.1	27.8	25.2	26.4
10	12.9	10.7	11.6	---	---	---	26.8	23.8	25.1	27.9	25.2	26.5
11	12.8	11.5	12.3	---	---	---	---	---	---	27.3	25.6	26.5
12	12.8	10.1	11.6	---	---	---	21.4	15.4	19.0	26.4	25.4	26.0
13	10.3	8.8	9.4	---	---	---	19.6	12.4	15.8	26.5	24.8	25.8
14	9.2	8.1	8.9	---	---	---	20.3	13.9	16.9	26.3	24.1	25.3
15	---	---	---	---	---	---	21.5	16.4	18.9	26.9	23.7	25.0
16	---	---	---	---	---	---	22.6	18.2	20.7	26.7	25.1	25.8
17	---	---	---	---	---	---	24.6	20.3	22.2	27.4	25.4	26.2
18	---	---	---	---	---	---	23.2	21.0	22.3	27.3	25.6	26.2
19	---	---	---	---	---	---	24.8	21.4	22.9	28.1	25.5	26.6
20	---	---	---	---	---	---	23.4	22.3	22.9	30.1	26.2	27.4
21	---	---	---	---	---	---	23.7	21.8	22.7	30.4	27.0	28.1
22	---	---	---	---	---	---	24.9	22.7	23.8	28.7	26.7	27.6
23	---	---	---	18.3	16.5	17.4	25.5	23.4	24.5	29.3	26.0	27.4
24	---	---	---	19.5	17.0	18.0	25.3	24.1	24.7	29.6	26.7	27.9
25	---	---	---	---	---	---	25.2	23.4	24.3	29.6	26.9	27.9
26	---	---	---	---	---	---	25.4	22.5	23.5	29.3	26.6	27.7
27	---	---	---	---	---	---	24.4	21.0	22.9	29.1	25.8	27.2
28	---	---	---	---	---	---	24.0	20.8	22.4	29.5	26.2	27.8
29	---	---	---	---	---	---	24.9	21.7	23.2	28.8	27.1	28.0
30	---	---	---	---	---	---	24.8	22.9	24.0	29.1	27.3	28.1
31	---	---	---	---	---	---	---	---	---	30.7	27.4	28.9
MONTH	---	---	---	---	---	---	---	---	---	30.7	19.3	26.0

07387050 VERMILION BAY (BAYOU FEARMAN) NEAR INTRACOASTAL CITY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.4	28.6	29.4	32.2	29.9	30.7	33.6	30.7	31.8	32.2	28.1	29.7
2	31.2	28.3	29.3	31.4	29.8	30.4	34.7	30.0	31.9	31.3	29.2	30.1
3	29.5	27.9	28.6	31.0	29.2	29.9	34.9	31.4	32.9	30.0	28.4	29.2
4	30.2	28.0	28.6	31.9	28.6	30.0	35.1	31.0	33.1	31.4	27.8	29.2
5	30.8	27.4	28.5	32.6	29.6	30.8	34.7	31.2	32.8	33.0	28.6	30.5
6	30.4	27.1	28.6	31.1	29.7	30.4	32.9	29.2	30.9	33.2	29.6	31.4
7	30.8	27.9	29.1	30.2	28.8	29.6	30.9	27.4	29.2	32.4	28.4	30.5
8	30.1	28.1	28.9	30.6	28.3	29.1	31.4	29.0	30.0	32.4	27.6	29.5
9	30.3	27.3	28.8	28.7	27.3	28.0	33.6	28.9	30.8	31.0	27.6	29.1
10	31.8	28.2	29.7	29.4	27.0	28.0	33.5	30.2	31.6	32.9	28.9	30.3
11	32.4	28.7	30.4	31.9	27.9	29.2	33.3	29.9	31.1	32.1	29.6	30.5
12	33.2	29.3	30.9	34.2	29.6	31.2	30.9	26.2	28.7	30.3	28.5	29.7
13	32.0	29.9	31.1	34.8	29.6	31.6	27.0	23.8	25.3	29.6	27.8	28.7
14	30.9	27.7	28.9	33.8	30.2	31.6	25.7	22.9	23.9	29.8	27.9	28.8
15	31.4	27.4	29.0	33.3	29.8	31.1	25.6	22.4	23.7	29.3	27.5	28.4
16	29.7	28.4	29.1	33.1	30.2	31.5	27.5	23.8	25.4	28.8	26.4	27.7
17	32.3	27.8	29.7	31.2	29.0	30.0	29.1	25.6	27.1	32.5	28.0	29.7
18	33.1	29.3	30.9	30.4	28.5	29.3	30.5	27.1	28.7	33.7	30.1	31.3
19	34.2	30.2	31.6	---	---	---	31.0	28.6	29.6	31.4	28.3	29.9
20	31.8	28.9	30.3	---	---	---	31.5	28.7	29.9	29.6	27.2	28.0
21	30.7	29.2	30.0	---	---	---	32.1	29.3	30.1	28.0	26.1	26.9
22	31.6	28.5	29.9	---	---	---	32.3	29.0	30.3	27.4	25.6	26.4
23	30.2	28.4	29.0	35.4	30.1	32.3	31.9	29.5	30.5	25.9	25.1	25.4
24	28.4	26.6	27.6	34.8	31.2	32.7	32.6	29.6	30.8	25.8	25.0	25.3
25	26.6	23.9	25.1	34.7	30.1	32.4	33.2	29.7	31.0	26.8	25.3	25.7
26	25.8	23.4	24.6	32.6	28.9	30.9	33.6	29.8	31.1	27.3	24.8	25.9
27	30.1	25.3	27.1	31.5	29.1	30.5	31.8	30.0	30.7	26.9	25.2	26.0
28	30.4	28.0	29.1	31.0	29.0	30.0	30.6	28.9	29.9	27.0	24.5	25.4
29	32.5	28.6	29.9	31.7	29.7	30.4	30.6	27.1	29.1	26.4	23.7	24.8
30	32.2	29.5	30.5	32.8	29.1	30.3	29.8	26.8	28.3	26.9	24.6	25.7
31	---	---	---	33.0	30.2	31.2	30.4	27.0	28.6	---	---	---
MONTH	34.2	23.4	29.1	---	---	---	35.1	22.4	29.6	33.7	23.7	28.3

091300900 PIPELINE CANAL 7.7 MILES NORTH OF CHARENTON, LA

LOCATION.--Lat 29° 58'29", long 91° 30'09", St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 7.7 miles north of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to September 1995, March 2003 to current year.

GAGE.--Water-stage recorder. Gage datum is assumed.

REMARKS.--Water level below recordable stage Dec. 17-Jan. 13, July 26-Sept. 30.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 15.53 ft, May 10, 1994; minimum recorded gage height, 6.77 ft, May 13, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 10.86 ft, July 3; minimum gage height, not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---		8.31	9.33	9.09	8.04	7.37	10.70		
2	---	---	---		8.22	9.01	8.78	8.35	7.51	10.80		
3	---	---	---		8.06	8.72	8.45	8.52	7.74	10.85		
4	---	---	---		7.91	8.53	8.20	8.66	7.89	10.85		
5	---	---	---		7.77	8.42	8.01	8.75	8.09	10.85		
6	---	---	---		7.81	8.36	7.89	8.77	8.34	10.83		
7	---	---	---		7.76	8.23	7.89	8.70	8.55	10.81		
8	---	---	---		7.70	8.12	7.80	8.59	8.74	10.82		
9	---	---	---		7.64	8.02	7.74	8.51	8.94	10.81		
10	---	---	---		7.65	7.94	7.70	8.49	9.16	10.76		
11	---	---	---		7.73	7.93	7.77	8.53	9.36	10.70		
12	---	---	---		7.87	7.98	7.74	8.68	9.53	10.58		
13	---	---	---		7.99	8.12	7.71	9.15	9.66	10.43		
14	---	---	---	7.08	8.23	8.33	7.66	9.41	9.78	10.26		
15	---	---	7.18	7.18	8.46	8.55	7.73	9.53	9.89	10.01		
16	---	---	7.13	7.28	8.66	8.81	7.92	9.53	10.05	9.72		
17	---	---		7.44	8.89	9.19	8.13	9.52	10.24	9.37		
18	---	---		7.64	9.14	9.42	8.22	9.55	10.33	9.19		
19	---	---		7.81	9.36	9.60	8.14	9.51	10.37	8.85		
20	---	---		7.91	9.57	9.74	7.94	9.40	10.38	8.49		
21	---	---		8.05	9.76	9.84	7.67	9.23	10.39	8.19		
22	---	---		8.16	9.90	9.94	7.40	9.01	10.41	7.91		
23	---	---		8.23	10.19	10.10	7.25	8.75	10.42	7.64		
24	---	---		8.27	10.33	10.24	7.21	8.50	10.41	7.40		
25	---	---		8.38	10.40	10.32		8.28	10.54	7.22		
26	---	---		8.54	10.31	10.28		8.05	10.60			
27	---	---		8.61	10.11	10.13	6.96	7.87	10.54			
28	---	---		8.52	9.88	9.93	7.02	7.71	10.49			
29	---	---		8.43	9.62	9.72	7.26	7.55	10.52			
30	---	---		8.42	---	9.56	7.63	7.45	10.59			
31	---	---		8.38	---	9.43	---	7.38	---			
MAX	---	---			10.40	10.32		9.55	10.60			
MIN	---	---			7.64	7.93		7.38	7.37			

091325300 OVBANK AREA 14.6 MILES NORTH NORTHWEST OF CHARENTON LAKE, LA

LOCATION.--Lat 30°05'24", long 91°32'53", St. Martin Parish, Hydrologic Unit 08080101, on three-pile platform 14.6 mi north northwest of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1993 to January 1998, April 2001 to current year.

GAGE.--Water-stage recorder. Stage is below recordable stage Oct 1-9, 25-30, Nov. 1-26, Aug. 29, 31, Sept. 1-30. Limited access to site. Datum of gage is assumed.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 18.45 ft, June 7, 8, 2002; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.52 ft, July 8; minimum gage height, not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			11.20	12.05	13.91	15.03	14.81	13.40	12.97	16.31	12.00	
2			11.36	12.07	13.85	14.72	14.51	13.75	13.03	16.42	11.94	
3			11.59	12.07	13.72	14.43	14.21	13.96	13.19	16.48	11.80	
4			11.86	12.06	13.61	14.23	13.94	14.14	13.36	16.50	11.68	
5			12.11	12.05	13.56	14.11	13.73	14.26	13.53	16.50	11.58	
6			12.36	12.01	13.51	14.02	13.59	14.32	13.77	16.48	11.50	
7			12.60	11.99	13.41	13.90	13.58	14.30	14.00	16.47	11.41	
8			12.83	12.05	13.35	13.79	13.48	14.22	14.22	16.48	11.33	
9			12.99	12.15	13.29	13.69	13.41	14.13	14.44	16.47	11.25	
10	10.84		13.07	12.19	13.31	13.62	13.36	14.09	14.67	16.44	11.18	
11	10.88		13.09	12.25	13.38	13.58	13.38	14.11	14.88	16.35	11.12	
12	10.89		13.05	12.32	13.45	13.59	13.38	14.24	15.07	16.24	11.06	
13	10.87		13.05	12.40	13.53	13.66	13.35	14.71	15.23	16.08	11.00	
14	10.85		13.00	12.47	13.68	13.82	13.31	15.01	15.36	15.90	10.94	
15	10.82		12.92	12.58	13.88	14.04	13.32	15.13	15.49	15.66	10.89	
16	10.80		12.81	12.69	14.10	14.28	13.42	15.14	15.64	15.38	10.85	
17	10.77		12.66	12.82	14.34	14.66	13.59	15.16	15.83	15.06	10.81	
18	10.75		12.50	13.00	14.61	14.95	13.74	15.16	15.94	14.88	10.77	
19	10.73		12.34	13.18	14.87	15.15	13.77	15.13	15.99	14.58	10.79	
20	10.71		12.21	13.34	15.10	15.32	13.66	15.03	16.00	14.23	10.85	
21	10.68		12.10	13.48	15.30	15.43	13.47	14.88	16.01	13.93	10.85	
22	10.66		12.02	13.61	15.47	15.54	13.25	14.69	16.03	13.66	10.82	
23	10.66		11.99	13.72	15.76	15.69	13.03	14.44	16.05	13.42	10.79	
24	10.66		11.96	13.80	15.93	15.85	12.84	14.20	16.05	13.19	10.76	
25			11.94	13.89	16.00	15.94	12.77	13.97	16.19	12.99	10.73	
26			11.91	14.00	15.92	15.92	12.76	13.76	16.26	12.81	10.70	
27		10.97	11.88	14.10	15.75	15.79	12.64	13.58	16.19	12.64	10.67	
28		11.07	11.84	14.10	15.55	15.60	12.59	13.42	16.12	12.48	10.66	
29		11.10	11.93	14.03	15.31	15.39	12.67	13.27	16.14	12.32		
30		11.12	11.98	14.01	---	15.22	13.03	13.13	16.20	12.21	10.66	
31		---	12.00	13.97	---	15.08	---	13.03	---	12.09		
MAX			13.09	14.10	16.00	15.94	14.81	15.16	16.26	16.50		
MIN			11.20	11.99	13.29	13.58	12.59	13.03	12.97	12.09		

091360000 LAKE FAUSSE POINT CUT NEAR LITTLE GONSOLIN BAYOU NEAR CHARENTON, LA

LOCATION.--Lat 30°04'44", long 91°36'00", in sec. 24, T. 11 S., R. 8 E., St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform 14.2 mi northwest of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.12 ft below NGVD of 1929 (by levels from U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 17.76 ft, Apr. 4, 1997; minimum recorded gage height, 2.45 ft, Sept. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.66 ft, July 4; minimum gage height, 4.51 ft, Nov. 8.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.30	5.01	8.89	8.74	10.76	11.87	11.53	10.78	9.76	13.51	7.48	5.40
2	5.42	4.93	9.14	8.70	10.59	11.49	11.17	11.07	10.04	13.61	7.26	5.40
3	5.71	4.72	9.46	8.65	10.43	11.19	10.79	11.27	10.39	13.64	7.10	5.53
4	5.88	4.75	9.70	8.60	10.20	11.04	10.55	11.39	10.57	13.65	7.05	5.75
5	5.95	4.72	9.79	8.64	10.06	10.93	10.41	11.44	10.82	13.63	6.99	5.97
6	5.96	4.89	9.91	8.61	10.18	10.84	10.32	11.41	11.13	13.60	6.90	6.07
7	5.93	4.72	10.03	8.66	10.17	10.71	10.30	11.25	11.36	13.60	6.62	6.12
8	5.84	4.67	10.11	8.79	10.10	10.60	10.22	11.11	11.55	13.59	6.61	6.18
9	5.86	4.77	10.06	8.96	10.05	10.52	10.18	11.05	11.77	13.56	6.67	6.29
10	6.13	4.93	9.99	9.04	10.03	10.46	10.16	11.06	11.98	13.50	6.75	6.48
11	5.87	5.18	9.83	9.17	10.18	10.52	10.18	11.13	12.16	13.42	6.84	6.33
12	5.59	5.21	9.74	9.25	10.43	10.62	10.18	11.38	12.31	13.28	6.99	6.21
13	5.60	5.07	9.73	9.31	10.68	10.85	10.13	11.89	12.42	13.09	7.07	6.11
14	5.56	4.78	9.62	9.47	11.00	11.12	10.13	12.17	12.53	12.87	6.61	6.02
15	5.24	5.10	9.48	9.64	11.29	11.38	10.33	12.24	12.68	12.56	6.27	5.85
16	5.45	5.17	9.22	9.75	11.52	11.73	10.62	12.23	12.84	12.19	6.23	5.72
17	5.41	5.45	8.67	9.96	11.79	12.09	10.85	12.18	13.02	11.74	6.18	5.92
18	4.91	6.12	8.33	10.24	12.05	12.25	10.82	12.24	13.10	11.46	6.12	5.62
19	4.84	5.75	8.16	10.42	12.26	12.42	10.58	12.17	13.13	11.10	6.01	5.45
20	4.94	5.42	8.23	10.55	12.47	12.53	10.27	12.01	13.14	10.71	5.83	5.73
21	4.92	5.66	8.36	10.68	12.64	12.63	9.88	11.78	13.14	10.39	5.73	6.10
22	4.80	5.80	8.46	10.78	12.78	12.79	9.55	11.48	13.15	10.10	5.66	6.40
23	4.62	6.31	8.53	10.82	13.00	12.94	9.28	11.16	13.13	9.78	5.55	6.67
24	4.79	6.44	8.54	10.88	13.11	13.06	8.99	10.88	13.12	9.50	5.55	7.05
25	4.97	6.76	8.51	11.02	13.19	13.11	8.90	10.64	13.26	9.23	5.48	6.94
26	5.02	7.54	8.43	11.23	13.07	12.99	9.09	10.38	13.32	9.06	5.44	6.71
27	4.67	8.37	8.35	11.20	12.85	12.80	9.20	10.22	13.26	8.86	5.42	6.65
28	4.95	8.74	8.36	11.03	12.56	12.54	9.36	10.02	13.23	8.41	5.41	6.75
29	5.23	8.76	8.51	10.89	12.24	12.33	9.79	9.83	13.30	8.35	5.41	6.97
30	5.52	8.83	8.64	10.91	---	12.20	10.34	9.74	13.40	8.49	5.41	7.35
31	5.16	---	8.77	10.85	---	11.97	---	9.66	---	7.90	5.40	---
MAX	6.13	8.83	10.11	11.23	13.19	13.11	11.53	12.24	13.40	13.65	7.48	7.35
MIN	4.62	4.67	8.16	8.60	10.03	10.46	8.90	9.66	9.76	7.90	5.40	5.40

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA

LOCATION.--Lat 29° 19'28", long 89° 56'26", Jefferson Parish, Hydrologic Unit 08090301, on a three pile platform, 2.0 miles east of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.21 ft below NAVD 88.

REMARKS.--Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 5.67 ft, June 30, 2003; minimum recorded gage height, 1.08 ft, Jan. 3, 2003

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.10 ft, Sept. 23; minimum gage height, 1.27 ft, Feb. 18.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.02	3.65	4.32	4.23	2.89	3.55	2.91	2.50	2.71	3.43	2.57	3.01
2	5.08	3.38	4.17	4.04	2.96	3.49	3.02	2.44	2.68	3.55	2.47	3.00
3	5.04	3.56	4.30	3.72	3.19	3.48	3.45	2.92	3.15	3.68	2.29	2.98
4	5.01	3.63	4.30	3.75	3.44	3.61	3.56	2.72	3.17	3.82	2.44	3.10
5	4.68	3.42	4.06	3.74	3.55	3.63	3.38	2.44	2.89	3.47	2.41	2.96
6	4.54	3.57	4.05	3.59	3.23	3.37	3.19	1.93	2.59	3.28	1.67	2.47
7	4.63	3.90	4.27	3.74	2.79	3.25	3.50	1.97	2.64	3.48	1.82	2.58
8	4.32	3.81	4.10	3.82	2.74	3.28	3.75	2.16	2.88	3.77	2.09	2.83
9	4.33	4.05	4.20	3.80	2.54	3.13	4.50	2.57	3.41	3.72	2.24	2.85
10	5.41	4.80	5.04	4.05	2.71	3.32	4.13	1.96	2.86	3.28	1.75	2.45
11	---	---	---	4.13	2.72	3.39	3.77	2.14	2.87	3.29	2.04	2.58
12	---	---	---	4.10	2.72	3.37	3.78	2.24	2.98	3.02	2.19	2.59
13	---	---	---	4.01	2.42	3.11	---	---	---	2.94	2.36	2.69
14	---	---	---	4.16	2.79	3.37	---	---	---	3.05	2.67	2.85
15	---	---	---	4.21	2.81	3.47	---	---	---	3.07	2.49	2.80
16	---	---	---	4.19	3.01	3.59	---	---	---	3.61	2.28	2.95
17	---	---	---	4.26	3.16	3.69	---	---	---	4.36	2.59	3.46
18	---	---	---	4.50	3.36	4.12	2.87	2.29	2.61	3.94	2.75	3.36
19	---	---	---	3.61	2.50	2.89	2.83	1.76	2.28	3.42	1.74	2.59
20	---	---	---	3.48	2.73	3.09	3.27	1.76	2.50	3.48	1.63	2.54
21	3.78	2.99	3.40	3.49	2.76	3.10	3.63	1.79	2.69	3.42	1.63	2.49
22	3.35	2.90	3.17	4.03	2.33	3.13	3.93	2.02	3.10	3.33	1.64	2.44
23	3.43	3.17	3.29	4.34	2.68	3.47	3.71	2.19	3.02	3.32	1.85	2.54
24	3.58	3.05	3.33	4.09	1.67	2.76	3.76	1.62	2.59	3.55	2.15	2.74
25	4.02	2.85	3.38	4.39	2.25	3.20	3.75	1.96	2.77	3.66	2.97	3.34
26	3.99	2.61	3.25	4.63	2.38	3.35	3.52	1.94	2.70	3.53	3.00	3.23
27	4.12	2.34	3.18	4.67	2.91	3.72	3.60	2.29	2.94	3.11	1.95	2.45
28	4.20	2.52	3.33	4.45	1.41	2.59	3.68	2.62	3.15	2.67	1.92	2.29
29	4.38	2.56	3.39	3.26	2.07	2.66	3.87	2.64	3.36	3.03	1.92	2.49
30	4.47	2.69	3.50	3.25	2.17	2.66	3.25	2.51	2.93	3.63	2.29	2.82
31	4.02	2.54	3.28	---	---	---	3.32	2.79	3.05	3.86	2.23	3.03
MONTH	---	---	---	4.67	1.41	3.29	---	---	---	4.36	1.63	2.79

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.97	2.87	3.42	3.71	2.48	3.11	3.05	2.10	2.63	3.59	2.64	3.25
2	3.86	2.63	3.24	3.59	2.47	3.02	3.03	2.11	2.58	3.25	2.44	2.93
3	3.39	1.99	2.70	3.66	2.36	3.01	2.89	2.30	2.58	3.25	2.10	2.75
4	4.12	2.10	2.97	3.85	2.75	3.29	2.82	2.48	2.59	3.33	2.08	2.72
5	4.15	2.95	3.53	3.98	2.82	3.38	3.09	2.49	2.77	3.56	1.93	2.82
6	3.99	2.44	2.99	3.78	2.76	3.08	3.27	2.57	2.93	3.80	1.98	2.93
7	3.01	1.85	2.32	3.23	2.26	2.57	3.66	2.34	3.12	3.77	1.96	2.92
8	2.90	1.90	2.29	2.72	2.15	2.28	3.73	2.14	3.02	3.78	1.92	2.93
9	2.91	2.07	2.51	2.64	1.70	2.37	3.77	2.12	2.99	3.89	2.11	3.10
10	2.91	2.45	2.69	2.67	1.71	2.18	3.61	2.15	2.92	4.11	2.51	3.39
11	3.52	2.84	3.12	2.81	1.73	2.32	---	---	---	4.10	2.84	3.52
12	3.17	2.13	2.86	3.11	1.70	2.46	---	---	---	3.98	3.12	3.57
13	3.18	2.01	2.57	3.28	1.83	2.59	---	---	---	3.89	3.21	3.62
14	3.88	2.26	2.94	3.58	1.94	2.80	---	---	---	3.89	3.44	3.61
15	3.01	1.59	2.28	3.65	2.07	2.89	---	---	---	3.96	3.13	3.61
16	3.07	1.40	2.20	3.53	2.21	2.88	---	---	---	3.89	3.01	3.48
17	3.04	1.50	2.27	3.52	2.15	2.88	---	---	---	3.95	2.99	3.48
18	2.91	1.27	2.06	3.40	2.46	2.92	---	---	---	4.15	2.78	3.52
19	3.31	1.61	2.35	3.23	2.40	2.77	---	---	---	4.13	2.72	3.46
20	3.45	2.19	2.79	3.19	2.65	2.80	3.27	2.25	2.71	4.05	2.52	3.36
21	3.43	2.18	2.78	3.00	2.41	2.64	3.67	2.46	3.12	3.88	2.54	3.22
22	3.49	2.64	2.89	2.72	2.37	2.54	3.80	2.44	3.16	4.12	2.57	3.43
23	3.72	2.96	3.22	3.38	2.51	2.96	3.69	2.43	3.07	4.29	2.79	3.61
24	3.82	3.18	3.60	3.35	2.54	2.96	3.88	2.43	3.14	4.17	2.99	3.58
25	3.72	2.81	3.37	3.71	2.57	3.18	3.79	2.45	3.13	3.89	2.82	3.37
26	3.20	2.12	2.81	3.56	2.42	3.02	3.40	2.27	2.90	3.69	2.72	3.23
27	2.83	1.92	2.42	3.59	2.36	3.03	3.33	1.94	2.72	3.45	2.77	3.15
28	3.10	1.73	2.46	3.62	2.64	3.12	3.56	2.26	2.98	3.46	2.86	3.18
29	3.43	2.24	2.86	3.56	2.48	3.03	3.47	2.68	3.10	3.41	2.99	3.21
30	---	---	---	3.49	2.24	2.91	3.49	2.89	3.21	4.03	3.41	3.70
31	---	---	---	2.91	2.35	2.68	---	---	---	4.15	2.79	3.52
MONTH	4.15	1.27	2.78	3.98	1.70	2.83	---	---	---	4.29	1.92	3.30
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.19	2.55	3.42	4.32	2.35	3.38	4.08	2.42	3.30	3.08	2.87	2.98
2	4.33	2.44	3.42	4.32	2.30	3.36	3.65	2.38	3.08	3.41	2.80	3.05
3	4.11	1.85	3.21	4.33	2.35	3.42	3.53	2.54	3.04	3.72	2.87	3.21
4	3.92	1.99	3.02	4.19	2.51	3.38	3.22	2.57	2.97	3.82	2.78	3.30
5	3.92	1.99	3.01	4.03	2.55	3.39	2.88	2.65	2.79	3.87	2.70	3.22
6	3.86	1.87	3.03	3.76	2.68	3.26	3.07	2.52	2.76	3.59	2.43	3.02
7	3.85	2.27	3.19	3.56	2.71	3.22	3.34	2.55	2.90	3.35	2.05	2.71
8	3.77	2.56	3.21	3.42	3.09	3.28	3.88	2.73	3.29	3.23	2.21	2.76
9	3.55	2.75	3.22	3.68	3.10	3.33	4.06	2.67	3.34	3.64	2.47	3.05
10	3.46	3.14	3.32	3.67	2.77	3.27	3.86	2.54	3.23	3.40	2.33	2.89
11	3.50	3.02	3.29	3.88	2.76	3.34	3.79	2.50	3.19	3.75	2.68	3.21
12	3.56	2.84	3.24	3.71	2.41	3.10	3.85	2.17	3.10	4.00	3.01	3.49
13	3.83	2.91	3.41	3.77	2.49	3.14	3.42	2.11	2.78	3.91	3.22	3.52
14	4.10	2.98	3.55	4.11	2.47	3.21	3.55	2.26	2.91	4.30	3.50	3.99
15	4.26	2.83	3.58	3.98	2.48	3.25	3.56	2.39	2.97	4.80	3.04	4.15
16	4.41	2.69	3.59	3.98	2.39	3.27	3.48	2.39	2.94	4.49	3.58	4.08
17	4.15	2.63	3.44	---	---	---	3.40	2.42	2.94	4.02	3.36	3.69
18	4.08	2.50	3.34	---	---	---	3.33	2.68	3.05	4.19	2.70	3.34
19	4.03	2.46	3.20	---	---	---	3.25	2.92	3.13	4.22	2.80	3.46
20	3.88	2.42	3.18	---	---	---	3.23	2.96	3.09	4.28	2.87	3.57
21	3.90	2.37	3.24	3.42	2.47	2.95	3.25	2.55	2.92	4.43	3.06	3.71
22	3.97	2.67	3.34	3.07	2.49	2.83	3.40	2.40	2.92	4.61	3.22	3.91
23	3.89	2.73	3.36	2.95	2.68	2.84	3.58	2.27	2.93	5.10	3.38	4.21
24	3.82	2.86	3.39	3.15	2.71	2.92	3.70	2.15	2.93	4.51	3.06	3.82
25	3.60	2.89	3.33	3.24	2.38	2.84	3.73	2.10	2.93	4.11	2.95	3.56
26	3.39	2.90	3.16	3.38	2.28	2.84	3.72	2.10	2.93	3.92	3.05	3.50
27	3.68	2.62	3.18	3.67	2.07	2.88	3.83	2.21	3.04	3.80	2.98	3.40
28	3.81	2.58	3.20	3.69	2.03	2.89	3.84	2.39	3.13	3.11	2.85	2.98
29	4.05	2.46	3.27	3.96	2.05	3.03	3.77	2.42	3.12	3.32	2.81	3.08
30	4.19	2.48	3.35	4.07	2.23	3.15	3.60	2.58	3.09	3.67	2.59	3.04
31	---	---	---	4.10	2.44	3.29	3.37	2.60	3.03	---	---	---
MONTH	4.41	1.85	3.29	---	---	---	4.08	2.10	3.02	5.10	2.05	3.40

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 2001 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: December 2001 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Nov. 11-Dec. 17, Jan. 3-20, Feb. 27-Mar. 16, Apr. 11-16, and June 20-July 20 when records good; Mar. 17-31, and Apr. 17-19 when records fair; Apr. 1-7 when records poor.

SALINITY: Records excellent except for Nov. 11-Dec. 17, Jan. 3-20, Feb. 27-Mar. 16, Apr. 11-16, and June 20-July 20 when records good; Mar. 17-31, and Apr. 17-19 when records fair; Apr. 1-7 when records poor.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 50,900 microsiemens/cm, July 23, 2003; minimum, 3,840 microsiemens/cm, July 12, 2004.

SALINITY: Maximum, 33.4 ppt, July 23, 2003; minimum, 0.2 ppt, July 12, 2004.

WATER TEMPERATURE: Maximum, 37.5° C, Sept. 13, 2002; minimum, 5.4° C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 47,900 microsiemens/cm, Dec. 13; minimum, 3,840 microsiemens/cm, July 12.

SALINITY: Maximum, 31.2 ppt, Dec. 13; minimum, 2.0 ppt, July 12.

WATER TEMPERATURE: Maximum, 33.3° C, Aug. 4; minimum, 10.0° C, Feb. 16.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	42,600	40,300	41,700	43,000	38,300	40,000	41,700	39,600	40,900
2	---	---	---	41,800	39,900	40,800	43,100	35,800	39,000	41,900	36,100	39,800
3	---	---	---	41,300	39,300	40,400	43,400	41,100	42,500	41,100	35,000	36,900
4	---	---	---	41,600	39,000	40,900	43,200	37,700	41,400	36,600	29,400	33,500
5	---	---	---	43,100	41,400	42,100	39,400	36,400	37,700	33,800	31,000	32,500
6	---	---	---	43,100	40,100	41,300	40,000	32,700	36,100	36,800	26,700	29,800
7	---	---	---	44,300	33,500	38,200	43,000	34,400	38,100	44,200	32,200	37,700
8	---	---	---	44,200	36,700	40,500	43,000	38,400	40,800	45,200	37,300	43,000
9	---	---	---	44,600	39,000	41,200	43,100	41,400	42,400	44,700	37,400	41,000
10	---	---	---	47,800	41,700	43,700	45,800	37,400	41,500	41,400	34,000	38,400
11	---	---	---	47,600	41,200	44,500	46,300	33,000	40,200	41,600	36,700	40,100
12	---	---	---	46,500	42,600	45,200	46,200	37,000	41,600	42,200	37,900	40,600
13	---	---	---	45,800	38,300	42,200	---	---	---	42,500	35,800	40,800
14	---	---	---	45,300	41,200	42,700	---	---	---	43,500	42,100	42,800
15	---	---	---	46,100	42,100	45,100	---	---	---	43,600	35,900	42,000
16	---	---	---	46,100	42,600	45,500	---	---	---	37,600	30,000	33,900
17	---	---	---	46,800	45,300	46,100	---	---	---	32,000	26,800	28,900
18	---	---	---	45,800	43,800	44,500	46,600	27,300	40,800	36,300	27,300	30,300
19	---	---	---	45,300	39,300	42,700	44,600	17,700	30,400	41,600	29,200	32,900
20	---	---	---	46,600	38,600	43,000	45,400	23,100	36,200	41,800	28,000	34,300
21	42,100	33,500	38,900	46,400	41,900	44,000	45,400	31,800	39,700	42,000	24,500	33,400
22	43,200	32,300	38,000	46,800	39,400	43,000	45,200	37,400	41,500	42,000	24,100	32,300
23	47,000	34,800	44,100	46,800	42,100	44,000	44,000	39,700	41,300	39,500	23,400	31,700
24	47,000	42,600	45,900	44,800	38,600	41,800	45,500	30,400	38,400	38,600	29,900	34,000
25	46,100	39,400	43,400	46,400	40,900	42,900	45,500	38,700	41,400	37,200	32,300	35,400
26	45,700	34,100	40,800	47,100	43,600	45,400	44,400	37,900	40,900	34,900	32,600	33,500
27	43,900	34,200	38,300	46,300	44,800	45,700	44,400	37,900	41,900	33,300	22,500	28,300
28	44,700	36,100	40,100	45,900	34,100	39,600	44,000	39,900	42,400	42,600	20,300	31,000
29	45,200	35,000	41,100	44,900	34,100	39,000	43,300	39,800	42,100	42,400	26,200	35,500
30	44,100	39,300	41,600	43,900	34,200	39,100	42,400	39,200	40,900	45,000	31,100	39,600
31	43,400	39,200	41,000	---	---	---	41,700	40,300	40,800	43,900	36,100	39,600
MONTH	---	---	---	47,800	33,500	42,600	---	---	---	45,200	20,300	35,900

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	42,200	37,600	39,500	36,100	32,500	34,100	39,400	28,400	32,900	35,900	20,600	27,600
2	42,100	37,800	39,900	34,900	26,700	32,500	38,700	28,000	32,500	23,300	14,800	18,800
3	40,800	34,300	37,100	30,900	23,800	28,000	37,700	30,200	33,000	31,000	9,360	20,300
4	43,000	34,400	37,900	27,000	24,100	25,800	35,900	32,300	33,900	32,300	11,300	23,200
5	43,700	40,700	42,600	26,700	24,100	25,600	36,600	31,500	33,600	36,200	14,200	25,800
6	43,300	36,900	40,300	27,200	24,700	26,400	38,800	36,600	38,000	32,200	14,400	25,500
7	40,400	27,800	31,700	27,900	24,200	25,700	38,400	33,800	36,300	27,700	18,900	24,400
8	39,100	18,900	29,300	25,900	16,400	20,100	36,400	29,400	34,500	28,200	17,800	23,300
9	41,500	28,700	35,100	27,800	12,400	22,400	36,700	26,200	32,700	30,900	15,500	24,100
10	42,200	29,400	34,800	46,800	12,400	28,100	36,300	28,500	33,000	27,100	21,500	24,700
11	37,000	32,800	35,600	42,900	22,600	36,800	---	---	---	25,900	22,400	24,400
12	37,200	22,100	28,600	42,900	22,300	36,100	---	---	---	25,400	22,400	23,900
13	34,500	17,300	25,700	40,500	29,100	36,500	---	---	---	24,800	20,400	22,000
14	38,800	25,800	33,300	38,100	34,600	36,200	---	---	---	24,200	20,300	22,500
15	46,500	8,710	25,100	37,100	33,200	34,900	---	---	---	22,300	19,800	20,900
16	40,400	7,960	24,100	35,900	31,500	33,800	---	---	---	22,100	19,500	21,000
17	41,400	18,600	31,400	36,000	31,300	33,700	---	---	---	21,800	14,700	20,300
18	39,600	15,100	25,600	35,900	30,100	32,500	---	---	---	22,100	13,000	19,200
19	39,500	20,900	30,400	32,100	27,800	29,900	---	---	---	24,500	11,800	19,100
20	39,600	29,300	35,300	29,400	27,800	28,400	29,700	28,400	28,900	22,900	11,100	17,400
21	37,500	28,800	32,000	29,100	25,900	27,900	30,900	28,200	29,400	22,700	10,300	16,100
22	30,500	29,500	29,800	37,700	24,800	30,600	30,900	27,600	28,900	28,800	11,300	20,100
23	35,800	29,500	30,900	40,000	33,200	38,200	28,900	27,600	28,200	22,300	13,600	19,100
24	35,800	30,100	32,800	39,500	37,800	38,500	28,900	26,800	27,900	20,900	15,400	18,400
25	32,600	30,000	31,600	39,200	34,200	37,100	28,700	26,900	28,000	19,900	12,600	16,100
26	34,100	26,100	29,400	38,700	31,400	34,900	28,300	27,100	27,800	19,500	11,000	14,400
27	37,200	26,300	30,700	36,300	30,400	32,800	34,900	26,100	29,900	14,700	10,800	12,500
28	37,300	18,700	30,300	33,900	30,600	32,000	38,500	26,500	32,400	19,000	13,900	16,000
29	38,100	33,600	35,000	34,300	31,100	32,400	41,300	33,600	38,300	16,600	8,470	13,300
30	---	---	---	33,600	30,100	32,700	40,100	31,500	34,500	22,700	8,840	18,500
31	---	---	---	32,900	30,000	31,600	---	---	---	22,300	9,180	17,500
MONTH	46,500	7,960	32,600	46,800	12,400	31,500	---	---	---	36,200	8,470	20,300
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31,700	9,240	20,700	17,500	5,640	13,500	25,000	22,100	23,400	29,900	28,700	29,500
2	28,100	12,000	19,900	24,700	5,640	15,000	23,900	22,200	23,200	30,100	28,300	29,300
3	27,100	11,300	19,600	21,900	6,030	15,100	24,200	21,200	23,200	30,500	28,200	29,400
4	30,000	13,000	20,900	24,900	6,480	15,800	23,400	19,800	21,900	32,500	29,200	30,600
5	37,000	12,000	23,200	22,900	11,000	16,600	20,900	18,600	19,400	31,700	28,400	29,900
6	30,600	10,800	21,500	18,800	9,260	14,100	29,500	19,600	22,300	30,900	28,600	30,000
7	26,300	12,900	20,700	15,000	7,140	10,900	33,700	23,000	28,900	35,500	24,400	29,800
8	24,400	16,700	20,600	15,900	8,910	11,800	35,900	27,700	32,800	37,500	26,100	32,600
9	22,600	15,000	19,400	14,100	8,050	10,900	36,300	30,500	33,700	38,400	29,900	36,800
10	21,000	15,500	19,200	16,500	4,620	8,620	35,600	23,700	31,100	38,100	34,300	36,200
11	19,500	13,900	16,600	21,500	5,270	12,800	39,600	26,900	33,000	39,000	34,700	37,700
12	38,400	11,900	24,300	18,100	3,840	9,820	38,000	24,800	31,500	38,400	35,800	37,400
13	34,800	11,900	24,200	26,800	4,010	14,200	32,800	23,900	27,900	37,400	36,500	37,000
14	21,300	11,600	18,800	27,000	5,790	17,600	37,100	24,600	32,300	36,500	31,600	33,900
15	26,400	12,800	19,400	34,300	9,150	23,400	38,000	28,500	34,200	35,100	30,900	33,000
16	25,400	11,000	19,300	36,500	15,600	27,400	38,100	31,500	34,800	38,200	33,100	35,800
17	20,900	9,350	15,900	---	---	---	38,500	31,500	35,300	42,600	33,300	36,800
18	18,100	9,350	14,300	---	---	---	37,900	33,200	36,000	42,800	33,400	37,000
19	22,700	9,060	14,100	---	---	---	37,800	35,400	36,700	38,800	34,500	36,800
20	31,600	8,980	17,800	---	---	---	36,700	32,200	34,500	38,700	34,900	37,000
21	26,700	9,120	18,100	31,200	21,000	27,300	34,200	31,000	32,500	39,000	36,100	37,800
22	26,400	10,000	19,600	26,400	20,700	24,300	36,500	29,700	32,900	40,400	35,700	38,700
23	25,000	13,000	19,200	33,800	21,200	26,300	36,900	29,500	33,300	41,800	37,700	40,100
24	21,200	13,600	16,500	34,700	17,900	26,800	36,400	29,400	33,300	40,400	37,000	38,900
25	16,100	12,100	14,300	31,200	14,800	22,800	36,500	29,300	33,300	38,600	35,700	37,300
26	13,700	7,330	10,400	28,700	16,100	23,000	35,900	30,200	33,300	38,000	34,900	36,800
27	20,600	6,390	11,900	29,700	17,000	23,700	33,900	30,300	32,500	38,400	34,900	36,600
28	19,500	5,540	11,600	29,000	18,500	24,800	32,200	27,800	29,600	35,600	32,000	34,400
29	22,400	6,140	14,200	33,100	20,900	27,300	31,800	28,900	30,100	40,000	31,500	35,400
30	18,100	7,180	13,400	29,600	21,800	27,100	32,300	28,000	30,200	40,500	33,500	36,400
31	---	---	---	26,700	23,300	24,600	30,600	29,400	30,000	---	---	---
MONTH	38,400	5,540	18,000	---	---	---	39,600	18,600	30,600	42,800	24,400	35,000

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	27.3	25.7	26.7	27.6	24.3	25.5	26.7	25.2	26.2
2	---	---	---	26.8	25.4	26.1	27.7	22.5	24.8	26.9	22.8	25.4
3	---	---	---	26.5	25.0	25.8	28.0	26.3	27.3	26.3	22.0	23.3
4	---	---	---	26.7	24.8	26.1	27.8	23.9	26.5	23.1	18.1	21.0
5	---	---	---	27.7	26.5	27.0	25.1	23.0	23.9	21.2	19.2	20.2
6	---	---	---	27.7	25.6	26.4	25.5	20.4	22.7	23.3	16.3	18.4
7	---	---	---	28.6	20.9	24.3	27.6	21.6	24.2	28.5	20.1	23.9
8	---	---	---	28.5	23.2	25.8	27.6	24.4	26.1	29.2	23.6	27.7
9	---	---	---	28.8	24.8	26.3	27.7	26.5	27.2	28.8	23.7	26.2
10	---	---	---	31.1	26.7	28.2	29.7	23.7	26.6	26.5	21.3	24.4
11	---	---	---	31.0	26.4	28.7	30.0	20.6	25.7	26.7	23.2	25.6
12	---	---	---	30.1	27.3	29.3	29.9	23.4	26.7	27.1	24.0	25.9
13	---	---	---	29.7	24.3	27.1	---	---	---	27.3	22.5	26.1
14	---	---	---	29.3	26.4	27.4	---	---	---	28.0	27.0	27.5
15	---	---	---	29.9	27.0	29.2	---	---	---	28.1	22.6	27.0
16	---	---	---	29.9	27.3	29.4	---	---	---	23.8	18.6	21.2
17	---	---	---	30.4	29.3	29.9	---	---	---	19.9	16.4	17.8
18	---	---	---	29.7	28.2	28.7	30.2	16.7	26.1	22.9	16.7	18.8
19	---	---	---	29.3	25.0	27.4	28.8	10.4	19.0	26.7	18.0	20.6
20	---	---	---	30.2	24.5	27.6	29.4	13.9	23.0	26.8	17.2	21.5
21	27.0	20.9	24.7	30.1	26.9	28.3	29.4	19.8	25.3	26.9	14.8	21.0
22	27.8	20.2	24.1	30.4	25.1	27.6	29.2	23.7	26.6	26.9	14.6	20.2
23	30.5	21.9	28.4	30.4	27.0	28.4	28.4	25.3	26.5	25.2	14.2	19.8
24	30.5	27.3	29.7	28.9	24.5	26.8	29.5	18.9	24.4	24.5	18.5	21.3
25	29.9	25.1	27.9	30.1	26.2	27.6	29.5	24.6	26.5	23.6	20.2	22.3
26	29.6	21.4	26.1	30.6	28.1	29.4	28.6	24.0	26.2	21.9	20.4	21.0
27	28.3	21.5	24.3	30.0	28.9	29.6	28.6	24.0	26.9	20.8	13.5	17.4
28	28.8	22.8	25.6	29.8	21.4	25.2	28.4	25.4	27.2	27.3	12.1	19.3
29	29.2	22.0	26.3	29.0	21.4	24.9	27.9	25.4	27.0	27.2	16.0	22.4
30	28.4	25.0	26.6	28.3	21.5	24.9	27.2	25.0	26.1	29.1	19.3	25.2
31	28.0	25.0	26.3	---	---	---	26.7	25.7	26.1	28.3	22.8	25.3
MONTH	---	---	---	31.1	20.9	27.3	---	---	---	29.2	12.1	22.7
FEBRUARY			MARCH			APRIL			MAY			
1	27.1	23.8	25.1	22.8	20.3	21.4	25.1	17.5	20.5	22.6	12.3	17.0
2	27.0	23.9	25.5	21.9	16.3	20.3	24.6	17.2	20.3	14.1	8.6	11.2
3	26.1	21.5	23.5	19.2	14.4	17.2	23.9	18.7	20.6	19.2	5.2	12.2
4	27.6	21.6	24.1	16.5	14.6	15.7	22.6	20.2	21.2	20.2	6.4	14.1
5	28.2	26.0	27.4	16.3	14.6	15.6	23.1	19.6	21.0	22.8	8.2	15.8
6	27.9	23.4	25.7	16.6	15.0	16.1	24.7	23.1	24.1	20.1	8.3	15.6
7	25.8	17.1	19.8	17.2	14.7	15.7	24.4	21.2	22.9	17.0	11.2	14.8
8	24.9	11.2	18.1	15.8	9.6	12.0	23.0	18.1	21.7	17.4	10.5	14.1
9	26.6	17.7	22.1	17.1	7.1	13.5	23.2	16.0	20.5	19.2	9.0	14.6
10	27.1	18.1	21.9	30.4	7.1	17.4	22.9	17.5	20.7	16.6	12.9	15.0
11	23.4	20.5	22.4	27.6	13.6	23.3	---	---	---	15.8	13.5	14.8
12	23.6	13.3	17.6	27.6	13.4	22.8	---	---	---	15.5	13.5	14.5
13	21.7	10.2	15.7	25.9	17.9	23.1	---	---	---	15.0	12.1	13.2
14	24.7	15.8	20.8	24.1	21.8	22.9	---	---	---	14.7	12.1	13.6
15	30.1	4.8	15.5	23.5	20.7	21.9	---	---	---	13.4	11.8	12.5
16	25.8	4.4	14.9	22.6	19.6	21.2	---	---	---	13.3	11.6	12.6
17	26.5	11.0	19.6	22.7	19.4	21.1	---	---	---	13.1	8.6	12.1
18	25.2	8.8	15.7	22.6	18.7	20.3	---	---	---	13.3	7.5	11.4
19	25.2	12.5	18.9	20.0	17.1	18.5	---	---	---	14.8	6.7	11.3
20	25.2	18.1	22.2	18.1	17.1	17.5	18.4	17.5	17.8	13.8	6.3	10.3
21	23.7	17.7	20.0	17.9	15.8	17.2	19.2	17.4	18.1	13.7	5.8	9.4
22	18.9	18.2	18.4	23.9	15.0	19.0	19.2	16.9	17.8	17.7	6.4	12.1
23	22.5	18.2	19.2	25.5	20.7	24.2	17.8	16.9	17.3	13.4	7.8	11.4
24	22.5	18.7	20.5	25.2	23.9	24.4	17.8	16.4	17.1	12.5	9.0	10.9
25	20.4	18.6	19.7	25.0	21.5	23.5	17.7	16.4	17.2	11.8	7.2	9.4
26	21.4	15.9	18.1	24.6	19.5	21.9	17.4	16.6	17.1	11.6	6.2	8.3
27	23.6	16.1	19.1	22.9	18.9	20.5	21.9	15.9	18.5	8.6	6.1	7.1
28	23.6	11.1	18.8	21.2	19.0	19.9	24.4	16.2	20.2	11.3	8.0	9.3
29	24.1	21.0	22.0	21.5	19.3	20.2	26.5	21.0	24.3	9.7	4.7	7.7
30	---	---	---	21.0	18.7	20.4	25.6	19.6	21.6	13.7	4.9	10.9
31	---	---	---	20.6	18.6	19.6	---	---	---	13.4	5.1	10.4
MONTH	30.1	4.4	20.4	30.4	7.1	19.6	---	---	---	22.8	4.7	12.2

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.7	5.2	12.5	10.3	3.0	7.8	15.2	13.3	14.1	18.5	17.7	18.2
2	17.3	6.8	11.9	15.0	3.0	8.8	14.5	13.3	14.0	18.7	17.4	18.1
3	16.6	6.4	11.7	13.2	3.3	8.9	14.7	12.7	14.0	18.9	17.4	18.1
4	18.6	7.5	12.6	15.1	3.5	9.3	14.2	11.8	13.2	20.3	18.0	19.0
5	23.4	6.8	14.1	13.8	6.2	9.8	12.5	11.0	11.5	19.7	17.5	18.5
6	19.0	6.1	13.0	11.1	5.2	8.2	18.2	11.7	13.4	19.2	17.6	18.5
7	16.1	7.4	12.4	8.7	3.9	6.2	21.1	13.9	17.8	22.3	14.8	18.4
8	14.8	9.8	12.3	9.3	5.0	6.7	22.6	17.0	20.5	23.7	15.9	20.4
9	13.6	8.7	11.5	8.1	4.5	6.2	22.9	18.9	21.1	24.4	18.5	23.2
10	12.6	9.0	11.4	9.7	2.5	4.8	22.4	14.4	19.3	24.1	21.5	22.8
11	11.6	8.0	9.8	12.9	2.8	7.4	25.2	16.4	20.6	24.8	21.8	23.9
12	24.4	6.8	14.9	10.7	2.0	5.6	24.1	15.0	19.6	24.4	22.5	23.6
13	21.9	6.8	14.8	16.4	2.1	8.4	20.5	14.5	17.2	23.7	23.1	23.4
14	12.8	6.6	11.1	16.5	3.1	10.5	23.5	14.9	20.1	23.1	19.6	21.2
15	16.1	7.4	11.6	21.5	5.1	14.2	24.1	17.5	21.5	22.1	19.2	20.6
16	15.5	6.2	11.5	23.1	9.1	16.9	24.1	19.6	21.9	24.2	20.7	22.6
17	12.5	5.2	9.3	---	---	---	24.4	19.6	22.2	27.3	20.8	23.3
18	10.7	5.2	8.3	---	---	---	24.0	20.7	22.7	27.5	20.9	23.4
19	13.7	5.1	8.2	---	---	---	23.9	22.3	23.2	24.7	21.7	23.3
20	19.6	5.0	10.6	---	---	---	23.2	20.1	21.6	24.6	21.9	23.4
21	16.3	5.1	10.7	19.4	12.6	16.7	21.5	19.2	20.3	24.8	22.8	24.0
22	16.1	5.6	11.7	16.1	12.4	14.8	23.1	18.4	20.5	25.8	22.5	24.6
23	15.2	7.5	11.4	21.2	12.7	16.1	23.4	18.2	20.8	26.8	23.9	25.6
24	12.7	7.8	9.7	21.8	10.5	16.5	23.0	18.1	20.8	25.8	23.4	24.8
25	9.4	6.9	8.3	19.4	8.6	13.8	23.1	18.1	20.9	24.5	22.5	23.6
26	7.9	4.0	5.8	17.7	9.4	13.9	22.6	18.7	20.8	24.1	21.9	23.2
27	12.3	3.5	6.9	18.4	10.0	14.4	21.2	18.8	20.3	24.4	21.9	23.1
28	11.6	3.0	6.7	17.9	10.9	15.1	20.1	17.1	18.3	22.4	19.9	21.6
29	13.5	3.3	8.3	20.7	12.5	16.7	19.8	17.8	18.7	25.5	19.6	22.3
30	10.7	3.9	7.7	18.3	13.1	16.6	20.2	17.2	18.7	25.9	20.9	23.0
31	---	---	---	16.3	14.1	14.9	19.0	18.1	18.6	---	---	---
MONTH	24.4	3.0	10.7	---	---	---	25.2	11.0	19.0	27.5	14.8	22.0

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	24.6	23.4	24.0	16.1	14.7	15.1	15.9	14.6	15.2
2	---	---	---	24.8	23.9	24.4	16.4	14.7	15.4	16.7	15.5	16.0
3	---	---	---	24.9	24.0	24.5	17.2	16.0	16.8	17.3	16.3	16.8
4	---	---	---	25.1	24.3	24.8	18.1	16.9	17.5	18.0	17.0	17.5
5	---	---	---	25.6	24.7	25.2	18.1	15.5	16.7	18.6	16.9	17.9
6	---	---	---	25.3	24.8	25.0	15.5	13.1	13.8	16.9	13.6	15.0
7	---	---	---	25.0	24.6	24.8	15.7	11.9	13.5	14.5	11.2	12.6
8	---	---	---	24.6	23.7	24.0	15.6	13.0	14.4	14.8	11.3	12.9
9	---	---	---	23.7	22.8	23.1	16.7	14.7	15.6	15.3	12.4	13.6
10	---	---	---	23.3	22.3	22.7	17.0	14.1	15.3	13.1	10.9	11.6
11	---	---	---	23.9	22.5	23.0	17.1	12.0	14.1	12.0	10.4	11.2
12	---	---	---	24.3	23.2	23.7	16.8	13.0	14.3	12.7	11.0	11.9
13	---	---	---	24.0	21.2	23.1	---	---	---	13.2	11.3	12.6
14	---	---	---	21.5	19.5	20.1	---	---	---	14.6	13.2	13.8
15	---	---	---	21.0	19.9	20.4	---	---	---	15.2	14.5	14.7
16	---	---	---	21.8	21.0	21.3	---	---	---	15.9	14.3	15.1
17	---	---	---	23.2	21.7	22.3	---	---	---	15.7	15.3	15.5
18	---	---	---	22.8	21.6	22.5	15.4	12.0	13.6	16.5	15.4	15.9
19	---	---	---	21.6	18.8	19.8	14.7	10.6	12.4	16.0	14.6	15.1
20	---	---	---	19.8	18.1	18.9	14.9	11.4	13.4	14.6	12.3	13.4
21	24.0	23.1	23.4	19.7	18.1	18.8	15.1	12.0	13.7	14.5	11.9	13.0
22	24.3	23.3	23.8	20.9	18.6	19.5	15.8	13.9	14.9	14.5	11.9	13.1
23	25.4	23.7	24.5	21.7	19.8	20.7	15.8	15.0	15.4	14.2	12.5	13.3
24	25.4	24.7	25.2	21.5	17.5	18.8	15.1	13.5	14.2	14.6	13.5	14.0
25	25.4	24.6	25.0	18.5	15.1	16.6	15.1	13.1	13.6	15.8	14.5	15.0
26	25.3	24.6	25.0	18.3	16.5	17.2	14.0	12.7	13.3	15.7	15.4	15.5
27	25.0	22.8	23.5	20.0	18.0	18.9	14.9	13.4	14.1	15.4	12.3	13.9
28	23.5	21.4	22.1	19.7	15.3	16.8	15.7	14.7	15.1	14.9	10.6	12.6
29	22.8	21.4	21.9	17.4	13.9	15.2	16.3	15.0	15.8	14.4	10.2	12.6
30	23.0	21.8	22.4	15.9	13.9	14.6	15.0	14.2	14.6	15.2	12.8	14.0
31	23.8	22.6	23.1	---	---	---	15.1	13.9	14.4	14.4	13.1	13.7
MONTH	---	---	---	25.6	13.9	21.2	---	---	---	18.6	10.2	14.2
FEBRUARY			MARCH			APRIL			MAY			
1	14.9	12.5	13.7	16.1	15.4	15.9	21.1	19.7	20.4	23.2	22.1	22.6
2	15.0	13.6	14.2	17.1	16.1	16.6	21.5	19.8	20.6	23.0	22.0	22.7
3	14.8	12.4	13.2	18.2	16.6	17.5	22.3	20.6	21.1	22.8	21.7	22.4
4	15.2	12.4	13.2	19.2	17.8	18.4	22.8	20.6	21.2	24.5	21.4	22.5
5	17.7	14.5	15.9	20.2	18.6	19.4	21.9	21.0	21.5	24.5	21.5	23.0
6	17.2	15.1	15.9	22.1	19.4	20.7	22.1	20.8	21.4	25.0	22.7	23.9
7	15.5	12.7	13.6	22.0	20.9	21.6	22.8	21.3	21.9	26.1	23.4	24.8
8	13.4	11.3	12.3	21.6	19.8	20.6	23.7	22.0	22.7	26.9	24.8	25.7
9	14.3	11.2	12.6	20.0	18.5	19.3	24.4	22.9	23.5	26.7	25.7	26.2
10	14.9	13.4	13.9	18.5	17.1	17.8	25.3	23.2	24.2	27.1	25.7	26.4
11	15.1	14.1	14.6	18.4	17.4	17.9	---	---	---	27.0	25.9	26.5
12	15.2	13.0	14.2	19.2	16.9	18.3	---	---	---	27.4	26.0	26.6
13	13.6	12.3	12.9	19.4	17.7	18.7	---	---	---	27.3	26.0	26.6
14	14.0	11.9	12.7	19.5	18.7	19.1	---	---	---	27.5	26.2	26.8
15	17.3	10.3	12.5	19.4	18.7	19.1	---	---	---	27.0	25.4	26.1
16	15.6	10.0	12.5	20.3	19.1	19.6	---	---	---	26.7	25.2	25.9
17	15.5	10.4	13.6	20.3	19.6	19.9	---	---	---	27.2	25.8	26.4
18	14.8	11.4	13.0	22.2	19.6	20.6	---	---	---	27.8	26.3	27.1
19	14.8	13.1	14.0	23.1	20.5	21.6	---	---	---	28.2	26.9	27.4
20	15.6	14.2	14.9	23.4	21.8	22.4	23.9	22.8	23.2	28.6	27.3	27.7
21	16.6	15.2	15.8	23.8	21.8	22.9	24.2	22.6	23.4	29.9	27.3	27.9
22	16.5	15.0	15.8	21.8	18.8	20.2	25.1	23.2	24.1	28.9	27.2	27.9
23	16.6	15.8	16.1	19.1	18.0	18.5	25.4	24.0	24.7	28.9	27.4	28.3
24	15.9	15.4	15.7	19.6	17.9	18.8	25.8	24.5	25.1	29.1	27.4	28.2
25	17.0	15.6	16.2	20.2	18.9	19.5	26.0	25.0	25.4	29.5	27.4	28.3
26	16.5	14.7	15.7	21.1	19.3	20.2	25.8	25.2	25.5	29.0	27.5	28.2
27	15.3	13.8	14.6	22.0	20.3	21.0	25.2	23.6	24.2	28.6	26.9	27.6
28	15.1	13.4	14.4	22.6	21.1	21.8	24.2	22.9	23.7	28.6	27.1	27.7
29	15.4	14.4	15.0	23.1	22.1	22.6	23.7	23.0	23.4	28.8	27.6	28.2
30	---	---	---	23.1	22.1	22.6	23.7	22.3	22.9	29.0	27.8	28.4
31	---	---	---	22.3	20.8	21.8	---	---	---	29.1	27.8	28.4
MONTH	17.7	10.0	14.2	23.8	15.4	19.8	---	---	---	29.9	21.4	26.3

291929089562600 BARATARIA BAY NEAR GRAND TERRE ISLAND, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.3	28.4	28.8	30.7	29.4	30.0	32.2	31.4	31.7	30.1	29.6	29.8
2	28.8	27.8	28.3	30.1	29.4	29.9	32.2	31.2	31.7	30.8	29.4	30.0
3	28.6	27.6	27.9	32.0	29.4	30.1	32.8	31.0	31.8	30.6	29.5	30.0
4	28.6	27.3	28.0	32.3	29.2	30.4	33.3	31.7	32.2	30.6	29.7	30.2
5	29.5	27.8	28.4	32.3	30.1	31.0	32.4	31.2	31.7	30.8	29.8	30.2
6	30.0	27.7	28.5	32.0	30.5	31.2	31.6	30.5	31.1	30.4	29.6	30.0
7	29.6	27.5	28.6	31.2	30.4	30.8	30.5	29.5	30.0	30.7	29.3	30.0
8	29.9	28.3	29.1	30.9	29.4	30.4	30.1	28.4	29.0	30.6	29.3	29.8
9	30.3	28.7	29.5	29.9	29.0	29.4	30.2	28.4	29.3	30.7	29.5	30.1
10	30.6	29.2	29.9	30.3	28.8	29.6	31.7	29.4	30.3	30.7	29.8	30.1
11	30.5	29.1	29.6	30.8	29.8	30.2	30.8	29.4	30.1	30.1	29.3	29.9
12	30.9	29.3	29.7	31.4	29.8	30.6	30.7	28.7	30.0	29.7	28.3	29.1
13	30.6	29.5	30.1	31.4	29.9	30.5	28.7	26.3	27.9	29.1	28.0	28.5
14	29.8	29.0	29.4	31.0	29.7	30.6	27.4	25.7	26.7	29.1	28.2	28.7
15	29.9	28.7	29.2	31.9	30.5	31.0	27.4	25.7	26.6	29.0	26.2	27.4
16	30.0	29.0	29.4	31.2	30.3	30.8	28.0	26.3	27.1	27.7	26.2	27.0
17	31.0	29.3	29.7	---	---	---	28.8	27.3	27.9	29.4	26.8	27.5
18	31.3	29.5	30.5	---	---	---	29.4	27.7	28.6	29.2	27.7	28.6
19	31.1	30.0	30.5	---	---	---	30.9	28.5	29.4	29.2	27.8	28.5
20	31.7	29.6	30.4	---	---	---	30.8	29.2	30.1	28.2	27.1	27.7
21	31.0	30.0	30.6	30.7	29.0	29.9	30.9	29.7	30.3	27.3	26.3	26.8
22	31.0	29.3	30.4	30.7	29.7	30.3	31.0	29.9	30.4	26.9	25.6	26.2
23	31.0	29.5	30.3	31.3	30.3	30.7	31.5	29.8	30.7	27.1	25.6	26.5
24	30.2	29.3	29.8	32.4	31.0	31.5	31.6	30.2	30.9	27.0	26.2	26.5
25	29.3	28.4	28.8	32.0	31.4	31.7	31.6	30.6	31.1	27.3	26.4	26.8
26	28.6	28.0	28.3	32.1	30.3	31.2	31.8	30.9	31.3	27.5	26.2	26.8
27	29.9	28.2	29.0	31.4	30.2	30.7	32.3	31.3	31.7	27.6	26.0	26.8
28	30.9	28.7	29.6	31.6	30.3	30.9	31.8	30.6	31.4	27.5	26.0	26.6
29	30.2	29.0	29.6	32.2	30.7	31.4	31.4	30.4	30.9	27.5	26.1	26.7
30	30.4	29.2	29.7	32.6	31.6	32.0	30.8	29.8	30.2	27.8	26.3	27.0
31	---	---	---	32.7	31.5	32.1	31.0	29.1	29.9	---	---	---
MONTH	31.7	27.3	29.4	---	---	---	33.3	25.7	30.1	30.8	25.6	28.3

292224090424200 BAYOU DULAC AT DULAC, LA

LOCATION.--Lat 29° 22'24", long 90° 42'42", T. 20 S., R. 17 E., Sec. 87, Terrebonne Parish, Hydrologic Unit 08090302, located on State Highway 57 swing bridge.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 26, 2002 to September 2004 (discontinued).

GAGE.--Water-stage recorder and velocity meter. Datum of gage is 3.54 ft below NAVD 88.

REMARKS.--Stage and discharge affected by wind, tide, and boat traffic. Reverse flow at times. Satellite telemetry at site.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge recorded, 7,930 ft³/s, Oct. 3, 2002; maximum recorded gage height, 9.20 ft, Oct. 3, 2002; maximum negative discharge recorded, -6,000 ft³/s, June 30, 2003; minimum recorded gage height, 2.93 ft, Jan. 23, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 3,500 ft³/s, June 4; maximum gage height, 5.90 ft, Sept. 23; maximum negative discharge, -4,710 ft³/s, Sept. 16; minimum gage height, 3.16 ft, Apr. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-86	-44	-60	-198	-533	-1,020	-493	513	27	-1,040	-948	244
2	199	162	-244	-269	-835	-353	-45	1,930	-402	-970	-192	-473
3	-571	68	-1,800	-105	355	115	146	2.6	156	-966	281	-437
4	-562	-346	-615	-522	248	-644	---	-305	483	-729	13	-245
5	12	-1,360	580	781	-2,130	-1,350	---	-725	102	-899	662	-2.9
6	-28	-2.5	70	1,210	1,200	785	---	-802	-192	242	683	105
7	-535	499	-719	-439	1,740	1,840	---	-598	-965	17	-985	136
8	459	-4.8	-672	-818	446	1,060	-242	-625	-749	-61	-954	-118
9	-374	334	-1,520	-197	-359	-764	-486	-818	-150	67	-1,050	-1,370
10	-987	-264	-334	248	---	-440	-598	-535	-180	25	-716	403
11	2,150	-391	-450	-794	---	-726	-909	-1,020	-467	-836	-796	-954
12	336	-221	-423	-428	---	-800	-264	-1,100	-319	-197	-85	-1,000
13	-305	1,050	-887	-618	201	-526	1,140	68	-1,040	-601	837	-33
14	383	-143	-224	-1,550	-884	-523	196	742	-250	-818	-683	-126
15	611	-358	-725	-413	-174	-496	-669	1,790	-1,140	-1,380	-833	798
16	70	-506	31	-310	462	-551	-807	1,370	-1,100	-1,060	-811	-3,420
17	67	-399	1,020	-1,130	---	-455	-425	653	58	-1,070	-406	-2.3
18	318	-1,880	-1,040	-447	---	-736	-644	65	81	-502	-720	531
19	-681	1,750	-49	554	-937	129	-759	-46	63	-979	-760	1.2
20	-569	-368	-803	140	-1,560	211	-1,150	---	-343	-895	-590	---
21	-468	69	-766	-56	-488	683	-1,520	---	-752	-594	351	95
22	-344	38	-908	-47	-535	-189	-1,190	---	-1,070	-259	-61	-72
23	-1,180	-1,040	-965	-483	-615	-1,020	497	---	-728	249	-523	-200
24	-920	1,210	-102	-794	-463	-89	196	-680	-777	-575	-724	700
25	-403	-492	-343	-1,740	-517	-76	-71	-148	-783	-158	-565	1,680
26	263	-390	-179	-612	961	569	2,260	-100	1,110	-404	-290	1,190
27	734	-1,280	-612	1,530	0.85	328	445	-14	-1,120	-938	-397	-369
28	-672	1,900	-778	-257	-157	144	-189	-187	-402	-1,020	-400	1,350
29	-640	476	-886	-577	-707	283	-425	-656	-751	-1,070	-137	-335
30	-569	242	293	-444	---	455	1,200	-2,840	-897	-1,000	-33	-57
31	456	---	-466	133	---	878	---	-507	---	-1,080	101	---
TOTAL	-3,836	-1,691.3	-14,576	-8,652	---	-3,278	---	---	-12,497	-19,501	-10,731	---

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.77	4.95	4.04	4.46	4.41	4.37	4.07	4.88	5.10	4.75	4.75	4.28
2	4.83	4.99	4.03	4.44	4.47	4.51	4.10	4.49	5.14	4.76	4.67	4.30
3	4.86	4.87	4.30	4.42	4.35	4.52	4.07	4.28	5.03	4.75	4.58	4.46
4	4.92	4.87	4.36	4.50	4.42	4.73	4.07	4.26	4.84	4.71	4.42	4.57
5	4.91	4.90	4.18	4.44	4.90	4.92	4.17	4.33	4.67	4.68	4.23	4.55
6	4.86	4.89	3.78	3.85	4.76	4.85	4.44	4.37	4.61	---	4.06	4.37
7	4.97	4.64	3.92	3.88	3.96	4.30	4.59	4.44	4.65	4.48	4.17	4.12
8	5.03	4.65	4.18	4.16	3.78	3.87	4.41	4.43	4.74	4.52	4.49	4.01
9	5.10	4.60	4.48	4.25	3.94	3.70	4.31	4.50	4.79	4.68	4.47	4.28
10	5.50	4.73	4.29	3.82	---	3.64	4.36	4.69	4.84	4.58	4.49	4.25
11	5.21	4.81	4.08	3.97	---	3.77	4.53	4.92	4.79	4.59	4.52	4.38
12	5.06	4.83	4.38	4.00	---	3.82	4.45	5.18	4.74	4.43	4.52	4.69
13	5.15	4.73	4.61	4.04	3.88	4.02	3.80	5.31	4.87	4.35	4.19	4.86
14	5.07	4.63	4.36	4.18	4.05	4.11	3.43	5.36	4.96	4.31	4.15	5.17
15	4.82	4.77	4.50	4.19	3.69	4.19	3.53	5.33	4.97	4.35	4.23	5.23
16	4.84	4.87	4.50	4.27	3.52	4.25	3.75	5.21	5.09	4.33	4.31	5.14
17	4.77	5.00	3.72	4.65	---	4.31	3.94	5.19	4.97	4.24	4.33	5.09
18	4.61	5.29	3.82	4.61	---	4.42	4.11	5.18	4.81	4.15	4.43	4.98
19	4.72	4.60	3.62	4.18	3.75	4.40	4.18	5.14	4.66	4.22	4.55	4.95
20	4.79	4.40	3.69	4.05	4.02	4.37	4.26	---	4.57	4.27	4.59	---
21	4.74	4.56	3.96	4.06	4.12	4.16	4.47	---	4.60	4.32	4.46	5.20
22	4.48	4.49	4.16	4.00	4.35	3.97	4.82	---	4.64	4.26	4.42	5.29
23	4.51	4.78	4.28	4.03	4.59	4.41	4.81	---	4.67	4.19	4.46	5.63
24	4.66	4.50	3.93	4.15	4.84	4.57	4.81	5.06	4.69	4.24	4.50	5.54
25	4.83	4.43	4.14	4.49	4.62	4.86	4.78	4.99	4.81	4.24	4.49	5.19
26	4.81	4.68	4.19	4.56	4.17	4.79	4.74	4.84	4.61	4.24	4.46	4.90
27	4.53	4.98	4.26	4.04	3.92	4.71	4.25	4.74	4.67	4.33	4.48	4.74
28	4.60	4.58	4.41	3.71	4.00	4.74	4.35	4.66	4.64	4.35	4.49	4.39
29	4.72	4.15	4.70	3.83	4.23	4.65	4.68	4.71	4.68	4.42	4.53	4.16
30	4.93	4.15	4.36	4.14	---	4.48	4.89	5.19	4.72	4.51	4.50	4.29
31	4.84	---	4.49	4.21	---	4.18	---	5.28	---	4.63	4.42	---
MAX	5.50	5.29	4.70	4.65	---	4.92	4.89	---	5.14	---	4.75	---
MIN	4.48	4.15	3.62	3.71	---	3.64	3.43	---	4.57	---	4.06	---

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to current year.

SALINITY: June 2002 to current year.

WATER TEMPERATURE: June 2002 to current year.

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

REMARKS.--Stage affected by wind and tide.

SPECIFIC CONDUCTANCE: Records excellent except for Oct 1-7, Oct. 29-Nov. 11, Dec. 2-15, Jan. 15-Feb. 10, Feb. 27-Mar. 23, May 78-10, and July 12-22 when records good.

SALINITY: Records excellent except for Oct 1-7, Oct. 29-Nov. 11, Dec. 2-15, Jan. 15-Feb. 10, Feb. 27-Mar. 23, May 7-10, and July 12-22 when records good.

WATER TEMPERATURE: Records good except Oct. 23-Nov. 11 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,600 microsiemens/cm, Dec. 13, 2002; minimum, 262 microsiemens/cm, June 11, 2004.

SALINITY: Maximum, 25.9 ppt, Dec. 13, 2002; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum, 34.7°C, July 18, 2002; minimum, 6.6°C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 37,200 microsiemens/cm, Nov. 18; minimum, 262 microsiemens/cm, June 11.

SALINITY: Maximum, 23.6 ppt, Nov. 18; minimum, 0.1 ppt, May 30, June 11, 14, July 21.

WATER TEMPERATURE: Maximum, 33.4°C, July 24; minimum, 8.1°C, Jan. 7, 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20,100	9,380	13,100	24,900	18,000	20,200	17,200	6,610	13,500	11,200	5,620	9,080
2	22,800	10,800	15,500	26,500	18,200	21,200	15,300	5,620	11,800	11,600	3,400	8,740
3	27,300	11,200	18,200	20,100	18,000	18,900	15,900	5,510	12,700	11,200	2,980	7,960
4	25,600	14,000	20,500	18,500	17,500	17,800	15,400	7,360	13,100	9,470	2,680	6,770
5	25,100	17,500	21,100	18,100	16,900	17,400	14,500	8,880	13,000	14,300	6,860	10,500
6	20,000	16,200	17,900	19,500	17,800	18,300	14,900	3,570	11,800	13,200	6,130	12,100
7	21,200	14,700	16,900	18,300	12,900	17,100	11,900	2,190	6,360	12,400	3,370	7,950
8	21,200	16,300	17,800	20,600	12,700	15,000	20,200	8,600	13,300	22,400	9,980	16,000
9	20,900	15,500	16,600	26,000	13,800	17,800	23,600	14,000	19,200	22,600	14,300	18,400
10	29,800	20,500	25,700	24,100	14,300	18,400	26,600	19,700	23,600	15,200	7,260	13,500
11	28,500	16,400	21,800	32,400	18,800	24,600	20,600	5,600	15,900	15,300	4,760	9,950
12	16,400	14,900	15,900	29,400	20,500	25,000	21,300	5,640	14,400	11,200	6,230	9,120
13	22,900	12,900	17,000	27,900	16,400	22,100	23,300	9,000	18,600	11,200	4,750	7,340
14	20,400	13,600	16,800	18,500	16,400	17,700	18,800	8,340	13,400	10,100	4,310	7,990
15	14,800	13,000	13,900	35,500	17,200	27,600	10,800	3,820	6,740	11,200	6,330	9,780
16	20,300	9,940	14,400	32,600	22,600	28,300	19,200	3,340	13,300	19,800	6,100	10,000
17	15,300	10,500	13,400	31,900	25,400	28,900	14,700	6,700	13,400	28,200	11,600	18,700
18	---	---	---	37,200	27,100	34,900	6,700	1,280	2,870	29,700	12,300	22,500
19	22,100	7,230	14,700	35,200	21,800	28,500	12,000	1,220	6,120	16,300	6,440	13,700
20	23,600	12,900	18,100	22,600	15,500	20,400	14,400	1,370	6,100	14,700	3,930	10,300
21	19,600	16,000	17,500	23,400	15,700	20,200	19,600	6,290	12,600	13,300	2,700	8,630
22	17,800	13,400	15,800	20,200	12,500	17,500	20,000	8,660	14,300	12,900	2,590	7,960
23	15,300	6,730	10,700	28,800	14,700	23,100	25,000	10,700	20,000	11,600	1,900	5,910
24	12,300	6,730	10,300	26,900	20,000	22,900	14,100	3,810	10,800	8,800	1,150	4,470
25	22,300	12,100	17,400	20,200	11,200	15,700	14,700	3,810	9,140	19,700	1,180	13,900
26	25,000	15,400	18,600	31,700	13,300	22,800	16,100	4,580	11,200	13,800	7,630	10,200
27	16,200	10,500	14,900	33,400	19,600	29,300	13,700	4,900	9,600	12,200	7,180	10,800
28	22,400	9,380	15,500	28,300	20,100	23,400	16,700	4,580	11,100	12,600	2,170	9,320
29	25,600	12,800	19,100	20,400	18,000	19,300	25,500	7,920	19,500	9,720	954	4,580
30	31,500	17,300	24,000	18,000	6,840	11,700	16,500	5,220	12,600	7,200	2,040	4,180
31	26,700	18,200	22,100	---	---	---	9,310	5,060	7,640	12,400	3,570	7,190
MONTH	---	---	---	37,200	6,840	21,500	26,600	1,220	12,500	29,700	954	10,200

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	21,800	8,050	12,100	14,600	1,750	6,570	13,500	3,110	10,100	13,100	9,940	12,000
2	24,500	11,800	17,900	18,300	3,120	9,400	10,900	1,210	6,810	12,800	11,200	12,000
3	21,100	7,090	15,500	7,620	1,700	5,750	10,500	1,180	5,710	12,300	1,750	7,540
4	12,800	6,870	10,200	12,000	1,780	4,740	7,410	947	2,800	11,200	1,240	5,870
5	28,200	7,150	22,500	20,600	11,600	15,400	3,820	751	2,220	7,860	651	3,540
6	24,200	15,400	20,000	21,000	13,700	17,000	11,400	1,100	5,770	7,090	786	3,640
7	15,600	13,700	14,700	16,900	12,100	13,600	11,500	4,940	7,730	5,600	798	3,260
8	13,700	10,400	13,300	13,100	11,000	12,000	9,510	1,840	5,870	5,220	1,040	3,420
9	11,600	3,220	6,990	11,500	786	5,520	10,500	2,140	7,060	12,900	828	4,810
10	---	---	---	9,850	1,020	5,640	9,080	1,680	6,000	16,600	2,790	8,320
11	---	---	---	5,070	463	2,100	13,800	1,810	5,720	18,500	8,430	12,900
12	---	---	---	7,270	613	3,670	15,600	2,890	9,580	21,900	14,400	18,600
13	11,500	1,810	8,740	9,550	1,210	4,000	9,940	2,620	7,500	21,900	15,500	17,500
14	8,880	1,680	5,670	12,400	1,640	5,360	11,200	1,460	8,740	20,100	15,900	17,300
15	7,640	1,240	5,610	13,900	2,320	6,840	9,430	915	4,260	16,400	14,100	15,700
16	8,290	1,090	5,530	17,000	4,000	10,100	6,040	598	2,330	14,700	13,600	13,900
17	---	---	---	8,820	2,630	6,800	3,400	477	1,380	14,600	7,250	12,300
18	7,040	---	---	15,000	2,250	9,820	3,660	604	1,740	14,200	3,260	9,240
19	4,550	408	1,880	8,080	2,020	5,520	4,530	656	2,210	13,300	1,570	7,810
20	9,550	564	4,990	8,470	900	4,950	8,370	751	4,380	12,600	---	---
21	4,970	790	3,540	9,560	5,510	7,800	17,400	2,210	8,080	---	---	---
22	8,490	644	3,900	10,000	1,520	6,720	23,600	10,400	16,400	---	---	---
23	8,810	2,940	4,880	24,400	1,660	14,100	17,300	13,000	15,000	---	---	---
24	21,100	4,120	12,300	18,100	12,100	15,400	18,900	10,900	15,000	8,830	1,140	4,630
25	8,180	6,670	7,380	25,200	11,900	16,500	18,200	8,960	14,900	6,920	592	3,840
26	7,700	5,440	6,920	14,900	14,100	14,400	16,000	12,000	13,900	7,630	654	4,240
27	8,230	882	5,570	15,600	10,900	14,100	14,700	3,320	11,300	7,600	964	4,020
28	7,930	801	4,460	15,500	9,700	13,600	13,300	2,560	8,920	7,900	879	4,520
29	8,970	839	3,800	15,700	5,780	11,800	11,600	7,610	9,290	6,620	480	2,900
30	---	---	---	14,600	3,830	11,400	12,900	9,540	11,600	20,200	284	8,670
31	---	---	---	12,700	4,200	10,400	---	---	---	17,700	11,100	14,100
MONTH	---	---	---	25,200	463	9,390	23,600	477	7,740	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	11,900	4,050	8,040	2,820	365	1,320	13,200	3,430	6,960	9,120	3,320	7,230
2	10,100	1,630	5,340	3,310	410	1,620	8,730	2,410	4,860	6,100	1,410	3,590
3	7,960	1,520	5,390	3,470	418	1,690	5,130	1,300	3,960	13,600	3,260	8,320
4	8,140	1,080	5,380	3,710	406	1,710	5,370	1,180	4,200	22,000	9,230	14,400
5	8,750	1,120	5,400	4,130	365	1,790	5,460	1,180	4,260	19,600	9,530	13,800
6	8,370	771	4,650	3,900	449	1,590	5,330	4,160	4,810	12,100	9,300	10,500
7	5,960	637	2,850	4,550	639	2,550	5,330	1,120	2,240	9,850	4,280	7,470
8	4,430	476	1,930	2,870	624	1,540	16,000	1,430	9,400	9,540	3,050	6,590
9	4,910	437	2,460	3,040	379	874	16,400	6,180	12,700	20,200	3,040	11,700
10	4,020	487	1,380	3,690	384	1,750	14,000	8,280	11,000	13,000	9,450	11,000
11	5,050	262	1,030	3,890	404	1,540	11,000	4,440	8,640	18,700	6,740	12,300
12	5,480	340	2,120	3,680	420	1,640	8,220	3,960	6,600	23,800	10,600	18,300
13	4,940	312	1,380	3,870	491	1,710	7,540	4,300	6,790	24,200	16,000	19,600
14	4,540	290	1,530	3,310	399	1,340	9,540	1,950	5,920	27,100	15,600	20,700
15	5,650	469	2,890	2,690	393	1,050	12,000	3,570	7,060	28,900	14,800	21,000
16	8,170	639	3,600	1,900	371	825	16,200	6,390	9,920	31,800	14,700	25,700
17	4,740	528	2,840	1,910	350	870	13,000	8,540	9,900	28,900	21,500	26,100
18	7,110	584	3,850	1,880	328	877	12,900	9,140	10,600	25,800	18,300	22,900
19	7,420	541	4,190	2,840	345	1,130	14,200	10,800	12,500	24,000	18,700	21,200
20	7,550	1,010	4,220	1,930	329	856	17,900	14,000	15,400	29,300	19,000	23,300
21	6,520	540	3,260	820	295	509	14,500	8,780	12,500	29,800	19,800	24,000
22	4,990	487	2,070	2,770	336	956	13,000	4,120	8,680	32,800	20,600	26,200
23	4,000	437	1,650	2,310	357	1,340	10,500	2,420	6,010	36,600	19,700	27,100
24	3,610	485	1,850	2,050	364	939	12,000	2,110	7,420	30,300	21,900	24,400
25	3,870	449	1,160	2,420	570	1,380	12,100	3,220	7,860	22,000	19,800	20,900
26	4,510	634	3,160	2,390	481	1,100	9,280	2,950	6,520	19,800	17,700	19,400
27	4,570	449	1,800	3,610	372	1,620	13,300	2,510	7,540	19,000	12,700	16,700
28	3,960	424	1,630	7,640	528	3,080	13,400	3,680	8,030	18,300	14,000	17,600
29	3,590	385	1,410	12,200	876	4,920	9,420	4,410	7,490	17,700	9,080	15,600
30	2,890	368	1,240	11,800	1,380	5,300	---	---	---	16,400	9,600	15,000
31	---	---	---	13,100	1,640	5,950	8,630	2,790	6,250	---	---	---
MONTH	11,900	262	2,990	13,100	295	1,790	17,900	1,120	7,870	36,600	1,410	17,100

MISSISSIPPI RIVER DELTA

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12.0	5.2	7.5	15.1	10.6	12.1	10.1	3.6	7.8	6.3	3.0	5.1
2	13.7	6.1	9.0	16.2	10.7	12.7	8.9	3.0	6.8	6.6	1.8	4.9
3	16.7	6.3	10.8	12.0	10.6	11.2	9.3	3.0	7.3	6.3	1.5	4.4
4	15.6	8.1	12.3	10.9	10.3	10.5	9.0	4.0	7.6	5.3	1.4	3.7
5	15.3	10.3	12.6	10.7	9.9	10.2	8.4	4.9	7.4	8.3	3.8	5.9
6	11.9	9.4	10.6	11.6	10.5	10.8	8.7	1.9	6.8	7.6	3.3	6.9
7	12.7	8.6	9.9	10.8	7.4	10.0	6.8	1.1	3.5	7.1	1.8	4.4
8	12.7	9.5	10.5	12.3	7.3	8.7	12.0	4.8	7.7	13.5	5.6	9.4
9	12.5	9.0	9.7	15.9	7.9	10.5	14.3	8.1	11.4	13.6	8.3	10.9
10	18.4	12.2	15.7	14.6	8.3	10.9	16.3	11.7	14.3	8.9	4.0	7.8
11	17.5	9.6	13.1	20.2	11.1	15.0	12.3	3.0	9.3	8.9	2.5	5.6
12	9.6	8.7	9.2	18.1	12.2	15.2	12.8	3.0	8.4	6.3	3.4	5.1
13	13.8	7.4	10	17.2	9.6	13.3	14.1	5.0	11.0	6.3	2.5	4.0
14	12.1	7.8	9.9	10.9	9.6	10.4	11.1	4.6	7.8	5.7	2.3	4.4
15	8.6	7.5	8.0	22.3	10.1	17.0	6.1	2.0	3.7	6.3	3.4	5.5
16	12.1	5.6	8.3	20.4	13.6	17.5	11.4	1.7	7.7	11.8	3.3	5.7
17	8.9	6.0	7.7	19.9	15.5	17.8	8.6	3.7	7.7	17.4	6.6	11.1
18	---	---	---	23.6	16.6	21.9	3.7	0.6	1.5	18.4	7.0	13.6
19	13.3	4.0	8.6	22.1	13.1	17.6	6.8	0.6	3.4	9.5	3.5	7.9
20	14.3	7.4	10.7	13.6	9.0	12.2	8.3	0.7	3.4	8.6	2.1	5.9
21	11.7	9.3	10.3	14.2	9.1	12.0	11.7	3.4	7.3	7.6	1.4	4.8
22	10.5	7.7	9.2	12.0	7.2	10.3	11.9	4.8	8.3	7.4	1.3	4.5
23	8.9	3.7	6.0	17.7	8.6	13.9	15.2	6.1	11.9	6.6	1.0	3.2
24	7.0	3.7	5.8	16.4	11.9	13.8	8.1	2.0	6.1	4.9	0.6	2.4
25	13.4	6.9	10.3	12.0	6.3	9.2	8.6	2.0	5.1	11.7	0.6	8.2
26	15.2	9.0	11.0	19.7	7.6	13.8	9.4	2.4	6.3	7.9	4.2	5.7
27	9.4	6.0	8.6	20.9	11.7	18.1	7.9	2.6	5.4	7.0	3.9	6.1
28	13.5	5.2	9.1	17.4	12.0	14.2	9.8	2.4	6.3	7.2	1.1	5.3
29	15.6	7.4	11.4	12.1	10.6	11.4	15.5	4.4	11.6	5.5	0.5	2.5
30	19.6	10.2	14.6	10.6	3.7	6.7	9.7	2.8	7.2	4.0	1.0	2.2
31	16.3	10.7	13.3	---	---	---	5.2	2.7	4.2	7.1	1.9	4.0
MONTH	---	---	---	23.6	3.7	13.0	16.3	0.6	7.2	18.4	0.5	5.8
FEBRUARY			MARCH			APRIL			MAY			
1	13.1	4.5	7.0	8.5	0.9	3.6	7.8	1.6	5.7	7.5	5.6	6.8
2	14.8	6.7	10.6	10.8	1.6	5.3	6.2	0.6	3.8	7.4	6.3	6.8
3	12.6	3.9	9.1	4.2	0.9	3.1	6.0	0.6	3.1	7.0	0.9	4.2
4	7.4	3.8	5.8	6.8	0.9	2.5	4.1	0.5	1.5	6.3	0.6	3.3
5	17.4	3.9	13.6	12.3	6.6	8.9	2.0	0.4	1.1	4.3	0.3	1.9
6	14.7	9.0	12.0	12.6	7.9	10	6.5	0.5	3.2	3.9	0.4	1.9
7	9.1	7.9	8.5	9.9	6.9	7.9	6.5	2.6	4.3	3.0	0.4	1.7
8	7.9	5.9	7.6	7.5	6.2	6.8	5.3	0.9	3.2	2.8	0.5	1.8
9	6.6	1.7	3.9	6.5	0.4	3.0	6.0	1.1	3.9	7.4	0.4	2.6
10	---	---	---	5.5	0.5	3.1	5.1	0.8	3.3	9.7	1.4	4.7
11	---	---	---	2.7	0.2	1.1	7.9	0.9	3.1	10.9	4.7	7.4
12	---	---	---	4.0	0.3	2.0	9.1	1.5	5.4	13.2	8.3	11.0
13	6.5	0.9	4.9	5.3	0.6	2.1	5.6	1.3	4.2	13.2	9.0	10.3
14	4.9	0.8	3.1	7.1	0.8	2.9	6.3	0.7	4.9	12.0	9.3	10.2
15	4.2	0.6	3.0	8.0	1.2	3.8	5.3	0.4	2.3	9.6	8.1	9.1
16	4.6	0.5	3.0	10.0	2.1	5.7	3.3	0.3	1.2	8.6	7.8	8.0
17	---	---	---	4.9	1.4	3.7	1.8	0.2	0.7	8.5	4.0	7.0
18	3.9	---	---	8.7	1.1	5.5	1.9	0.3	0.9	8.2	1.7	5.2
19	2.4	0.2	1.0	4.5	1.0	3.0	2.4	0.3	1.1	7.6	0.8	4.4
20	5.3	0.3	2.7	4.7	0.4	2.7	4.6	0.4	2.4	7.2	---	---
21	2.7	0.4	1.9	5.4	3.0	4.3	10.2	1.1	4.6	---	---	---
22	4.7	0.3	2.1	5.6	0.8	3.7	14.3	5.9	9.6	---	---	---
23	4.9	1.5	2.6	14.8	0.8	8.3	10.2	7.5	8.7	---	---	---
24	12.6	2.2	7.1	10.7	6.9	9.0	11.2	6.2	8.7	4.9	0.6	2.5
25	4.5	3.6	4.1	15.3	6.8	9.7	10.7	5.0	8.7	3.8	0.3	2.1
26	4.2	2.9	3.8	8.7	8.1	8.4	9.3	6.8	8.0	4.2	0.3	2.3
27	4.6	0.4	3.0	9.1	6.2	8.2	8.6	1.7	6.5	4.2	0.5	2.2
28	4.4	0.4	2.4	9.0	5.4	7.8	7.6	1.3	5.0	4.4	0.4	2.4
29	5.0	0.4	2.0	9.1	3.1	6.8	6.6	4.2	5.2	3.6	0.2	1.5
30	---	---	---	8.5	2.0	6.5	7.4	5.3	6.6	12.0	0.1	5.1
31	---	---	---	7.3	2.2	5.9	---	---	---	10.4	6.3	8.2
MONTH	---	---	---	15.3	0.2	5.3	14.3	0.2	4.4	---	---	---

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.8	2.1	4.5	1.5	0.2	0.7	7.6	1.8	3.8	5.1	1.7	4.0
2	5.7	0.8	2.9	1.7	0.2	0.8	4.9	1.2	2.6	3.3	0.7	1.9
3	4.4	0.8	2.9	1.8	0.2	0.9	2.8	0.6	2.1	7.8	1.7	4.6
4	4.5	0.5	2.9	2.0	0.2	0.9	2.9	0.6	2.2	13.2	5.2	8.4
5	4.9	0.6	3.0	2.2	0.2	0.9	2.9	0.6	2.3	11.7	5.3	8.0
6	4.6	0.4	2.5	2.1	0.2	0.8	2.9	2.2	2.6	6.9	5.2	5.9
7	3.2	0.3	1.5	2.4	0.3	1.3	2.9	0.6	1.2	5.5	2.3	4.1
8	2.4	0.2	1.0	1.5	0.3	0.8	9.3	0.7	5.3	5.3	1.6	3.6
9	2.6	0.2	1.3	1.6	0.2	0.4	9.6	3.4	7.3	12.0	1.6	6.7
10	2.1	0.2	0.7	1.9	0.2	0.9	8.1	4.6	6.2	7.5	5.3	6.3
11	2.7	0.1	0.5	2.1	0.2	0.8	6.2	2.4	4.8	11.1	3.7	7.1
12	2.9	0.2	1.1	1.9	0.2	0.8	4.6	2.1	3.6	14.4	6.0	10.9
13	2.6	0.2	0.7	2.0	0.2	0.9	4.2	2.3	3.7	14.7	9.3	11.6
14	2.4	0.1	0.8	1.7	0.2	0.7	5.3	1.0	3.2	16.6	9.1	12.4
15	3.0	0.2	1.5	1.4	0.2	0.5	6.8	1.9	3.9	17.8	8.6	12.6
16	4.5	0.3	1.9	1.0	0.2	0.4	9.4	3.5	5.6	19.8	8.6	15.7
17	2.5	0.3	1.5	1.0	0.2	0.4	7.5	4.7	5.6	17.8	12.9	16.0
18	3.9	0.3	2.1	1.0	0.2	0.4	7.4	5.1	6.0	15.8	10.8	13.8
19	4.1	0.3	2.3	1.5	0.2	0.6	8.2	6.1	7.2	14.5	11.1	12.7
20	4.2	0.5	2.3	1.0	0.2	0.4	10.5	8.1	8.9	18.1	11.3	14.1
21	3.6	0.3	1.7	0.4	0.1	0.3	8.4	4.9	7.2	18.4	11.8	14.5
22	2.7	0.2	1.1	1.4	0.2	0.5	7.5	2.2	4.9	20.5	12.3	16.1
23	2.1	0.2	0.8	1.2	0.2	0.7	6.0	1.2	3.3	23.1	11.7	16.6
24	1.9	0.2	1.0	1.0	0.2	0.5	6.8	1.1	4.1	18.8	13.2	14.8
25	2.0	0.2	0.6	1.2	0.3	0.7	6.9	1.7	4.4	13.2	11.8	12.5
26	2.4	0.3	1.6	1.2	0.2	0.5	5.2	1.5	3.6	11.8	10.4	11.5
27	2.4	0.2	0.9	1.9	0.2	0.8	7.6	1.3	4.2	11.3	7.3	9.8
28	2.1	0.2	0.8	4.2	0.3	1.6	7.7	1.9	4.5	10.8	8.1	10.4
29	1.9	0.2	0.7	7.0	0.4	2.7	5.3	2.3	4.1	10.4	5.1	9.1
30	1.5	0.2	0.6	6.7	0.7	2.9	---	---	---	9.6	5.4	8.7
31	---	---	---	7.5	0.8	3.3	4.8	1.4	3.4	---	---	---
MONTH	6.8	0.1	1.6	7.5	0.1	0.9	10.5	0.6	4.4	23.1	0.7	10.1

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.1	21.6	22.5	25.7	23.4	24.5	16.7	14.6	15.5	15.3	13.4	14.0
2	22.8	21.2	21.9	26.3	24.2	25.2	16.2	14.4	15.2	16.9	14.0	15.2
3	23.9	20.7	22.0	26.8	24.9	25.6	15.6	14.6	15.1	18.6	14.9	16.5
4	25.1	21.8	23.1	26.0	24.8	25.6	16.3	15.1	15.6	19.5	15.7	17.4
5	26.7	23.2	24.8	25.8	24.7	25.1	16.2	14.5	15.3	19.3	17.4	18.5
6	26.5	25.1	25.8	25.7	24.6	25.2	15.0	10.6	12.4	17.7	11.5	12.8
7	26.3	25.7	26.0	25.2	24.1	24.7	13.3	11.1	12.5	12.8	8.1	10.3
8	27.9	26.0	26.7	24.3	22.1	23.2	14.3	11.8	12.9	11.2	9.6	9.8
9	27.2	26.6	27.0	23.8	21.4	22.8	15.2	12.7	13.9	13.0	9.7	11.2
10	27.1	26.2	26.4	23.8	22.2	22.9	14.7	12.7	13.9	12.6	9.8	11.0
11	26.3	25.3	25.8	24.7	22.6	23.4	13.3	11.4	12.5	12.2	10.3	11.2
12	25.8	24.2	25.3	25.4	22.9	24.0	13.9	12.5	13.2	13.4	10.6	11.8
13	27.3	25.1	26.0	24.5	19.7	22.6	13.7	12.9	13.3	14.3	11.1	12.2
14	27.7	25.7	26.5	20.9	18.3	19.5	13.6	12.4	13.0	12.6	11.5	12.0
15	26.7	22.5	23.8	20.9	18.4	19.6	14.5	12.2	13.1	13.3	12.2	12.8
16	24.5	23.2	24.0	22.5	19.2	20.7	15.1	13.0	13.7	14.2	12.6	13.6
17	25.8	23.8	24.7	23.6	20.7	22.2	13.3	9.8	11.0	16.0	14.1	15.0
18	24.8	22.5	23.9	23.4	22.0	22.5	12.0	10.7	11.5	16.4	15.0	15.8
19	24.8	22.5	23.5	22.1	17.5	19.2	11.6	10.0	11.0	15.2	13.3	14.3
20	25.1	22.4	23.7	18.8	15.9	17.2	11.3	9.8	10.6	13.3	10.0	11.6
21	25.2	23.4	24.2	19.3	17.6	18.6	12.5	9.9	11.3	13.3	10.5	11.8
22	24.8	23.9	24.4	20.8	18.2	19.3	14.6	11.5	12.7	14.2	10.8	12.3
23	25.0	24.0	24.5	21.7	19.3	20.4	14.4	12.9	14.0	14.8	11.3	12.7
24	25.5	24.6	25.0	20.5	15.5	17.2	14.2	12.1	13.1	15.3	12.2	13.4
25	25.6	24.5	25.0	16.6	14.4	15.5	12.8	11.6	12.4	15.7	13.3	14.8
26	25.2	24.7	25.0	16.2	14.6	15.4	14.0	11.9	12.9	15.4	14.4	14.9
27	24.7	19.9	21.7	19.1	15.5	17.1	15.2	12.3	13.7	14.4	11.5	13.2
28	21.8	20.9	21.2	18.4	13.8	16.0	16.5	12.9	14.6	11.5	8.1	9.6
29	22.6	20.1	21.3	14.0	12.9	13.7	15.8	14.3	15.2	10.1	8.5	9.5
30	23.8	20.7	22.2	15.0	13.8	14.6	14.8	13.1	13.7	11.3	10.1	10.7
31	25.3	22.3	23.8	---	---	---	13.6	12.3	13.1	11.5	10.9	11.2
MONTH	27.9	19.9	24.2	26.8	12.9	20.8	16.7	9.8	13.3	19.5	8.1	12.9
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	10.3	11.0	17.1	15.0	15.9	22.3	17.8	19.6	24.0	21.6	22.8
2	12.1	11.4	11.6	19.1	17.1	17.7	22.6	19.3	20.6	23.6	22.1	22.8
3	12.4	9.9	11.4	21.3	17.4	19.1	23.0	20.2	21.4	24.0	21.1	22.4
4	11.8	10.3	11.1	21.6	18.4	19.8	22.9	21.0	21.8	23.9	21.2	22.7
5	15.5	11.4	13.4	21.8	20.5	21.4	22.8	21.1	22.0	24.7	22.7	23.5
6	16.5	14.8	15.5	24.8	21.8	23.0	22.4	20.7	21.6	25.0	23.4	24.2
7	15.1	12.0	13.4	23.5	21.9	22.8	22.8	21.0	21.9	25.3	24.1	24.7
8	12.9	9.8	11.1	22.7	19.0	20.7	23.8	22.3	22.9	26.0	24.7	25.3
9	13.6	---	---	20.9	18.2	20.0	24.1	22.9	23.6	26.6	25.5	26.0
10	---	---	---	19.3	14.8	17.2	24.8	23.8	24.2	26.8	25.0	26.0
11	---	---	---	19.7	15.9	17.9	24.8	22.9	23.7	26.9	25.5	26.4
12	---	---	---	19.7	17.1	18.5	24.0	21.7	22.5	27.1	25.7	26.5
13	12.6	11.1	11.8	19.4	17.7	18.7	21.7	16.2	18.4	27.0	25.0	26.0
14	12.4	10.8	11.6	19.5	18.7	19.1	19.2	15.8	17.5	27.5	25.9	26.7
15	11.6	8.6	10.3	19.7	18.8	19.3	20.0	17.3	18.8	26.9	25.4	26.1
16	---	9.0	---	21.2	19.4	20.1	21.2	19.0	20.1	27.4	24.9	25.9
17	---	---	---	20.6	18.7	19.7	24.8	20.2	21.9	28.4	26.2	27.1
18	14.7	---	---	21.8	20.2	20.8	24.8	21.4	23.0	27.5	26.6	27.1
19	15.0	11.6	12.7	25.3	20.1	22.2	24.6	22.3	23.5	28.3	26.5	27.4
20	15.5	12.5	13.8	25.3	20.7	22.9	24.2	22.4	23.5	---	---	---
21	18.1	14.1	15.7	25.2	22.8	24.2	24.1	22.4	23.2	---	---	---
22	17.0	14.6	16.0	22.8	18.0	19.9	24.8	23.1	24.0	---	---	---
23	17.0	15.2	16.2	19.7	18.3	19.0	25.7	24.2	24.9	---	---	---
24	16.8	16.0	16.4	19.4	17.5	18.6	25.8	24.6	25.3	28.8	27.2	28.0
25	16.4	15.1	15.8	20.6	19.2	19.8	26.0	25.3	25.6	28.6	27.2	28.1
26	15.1	13.4	14.4	21.3	19.7	20.6	25.4	24.3	24.7	28.6	26.9	28.0
27	13.5	11.8	12.8	22.2	20.7	21.3	24.6	22.0	23.2	28.7	26.6	27.8
28	13.7	12.4	13.1	23.0	21.1	22.0	23.8	22.1	23.1	29.0	27.0	28.0
29	15.0	13.2	14.1	23.4	21.4	22.4	23.7	22.2	23.1	29.2	27.7	28.6
30	---	---	---	23.3	20.6	22.0	23.7	22.1	22.9	29.1	28.3	28.8
31	---	---	---	22.4	20.2	21.5	---	---	---	30.7	28.5	29.3
MONTH	---	---	---	25.3	14.8	20.3	26.0	15.8	22.4	---	---	---

292224090424200 BAYOU DULAC AT DULAC, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.1	29.2	29.9	30.9	29.5	30.2	32.0	30.5	31.3	30.1	28.3	29.1
2	30.4	29.0	29.6	30.5	29.5	30.0	31.7	30.8	31.3	31.3	29.7	30.2
3	29.7	27.9	28.8	30.0	28.9	29.5	32.0	30.4	31.3	30.8	29.7	30.2
4	29.2	28.2	28.7	30.6	29.3	30.0	32.2	30.5	31.3	32.2	29.9	30.7
5	29.5	27.4	28.5	31.0	29.7	30.5	32.5	30.9	31.5	32.0	30.2	31.1
6	29.8	28.0	28.9	31.0	30.2	30.7	32.2	30.8	31.4	32.0	30.2	31.0
7	29.7	27.7	28.8	30.9	30.0	30.4	32.9	30.6	31.4	31.8	30.1	30.7
8	29.9	28.1	29.0	30.1	29.4	29.7	32.4	29.1	30.2	31.8	29.5	30.4
9	30.0	28.1	29.0	29.4	27.7	28.6	31.4	29.0	30.0	31.1	30.1	30.6
10	30.6	28.5	29.6	31.0	27.5	29.1	32.9	30.3	31.3	31.8	29.7	30.4
11	31.4	30.1	30.5	31.3	29.2	30.2	32.9	31.4	32.0	30.5	29.4	30.0
12	32.6	30.5	31.2	30.8	29.7	30.2	31.9	28.7	31.1	29.7	28.5	29.4
13	31.7	30.4	31.2	30.6	29.3	29.8	28.7	25.8	27.2	29.5	28.0	28.7
14	30.4	28.5	29.8	30.4	29.5	30.0	28.1	24.5	26.6	29.9	28.1	28.8
15	29.8	27.7	29.0	31.2	29.5	30.3	27.4	25.2	26.5	29.1	26.0	28.0
16	30.3	29.1	29.8	31.2	30.5	30.8	27.3	25.9	26.6	27.2	25.8	26.6
17	31.3	29.2	30.1	31.2	29.7	30.6	28.3	27.0	27.6	30.4	27.0	28.3
18	31.3	30.2	30.7	30.6	29.2	30.0	29.1	27.7	28.4	31.3	28.1	29.5
19	31.2	30.4	30.7	30.6	28.5	29.7	29.9	28.4	29.1	30.8	28.6	29.4
20	30.7	29.3	30.1	30.9	28.6	29.9	30.8	29.3	29.9	29.4	27.3	28.6
21	30.1	29.3	29.8	30.5	29.5	30.1	32.1	29.9	30.7	28.2	26.6	27.4
22	30.4	28.5	29.5	31.2	28.9	30.2	32.5	30.5	31.4	27.0	25.1	26.1
23	30.7	29.0	29.9	30.8	29.6	30.3	32.9	30.9	31.8	26.4	24.8	25.5
24	30.2	29.1	29.7	33.4	29.3	31.0	32.8	31.1	31.8	26.8	25.7	26.2
25	29.5	27.6	28.6	32.7	31.0	31.5	32.0	30.7	31.5	27.5	25.7	26.4
26	28.5	26.7	27.5	32.1	29.9	30.9	32.9	30.4	31.4	27.3	25.7	26.5
27	30.5	27.9	28.9	32.4	29.8	30.8	32.5	31.1	31.8	27.5	26.2	26.9
28	30.7	29.3	29.9	32.0	30.6	31.3	32.0	30.9	31.5	27.0	25.0	26.1
29	30.3	29.2	29.8	31.9	30.6	31.3	31.8	29.8	30.9	26.8	24.7	25.7
30	30.6	29.0	29.8	32.2	30.8	31.5	30.5	28.5	29.5	28.0	25.6	26.7
31	---	---	---	32.2	31.0	31.6	30.1	27.7	28.9	---	---	---
MONTH	32.6	26.7	29.6	33.4	27.5	30.3	32.9	24.5	30.2	32.2	24.7	28.5

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA

LOCATION.--Lat 29° 24' 40", long 90° 46' 56", T. 19 S., R. 16 E., Sec. 24, Terrebonne Parish, Hydrologic Unit 08090302, on south bulkhead wall of Falgout Canal, directly behind DuLarge Fire Station.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to September 2004 (site discontinued).

GAGE.--Water-stage recorder and velocity meter. Datum of gage is 6.77 ft below NAVD 88. Prior to November 16, 2004, datum of gage is assumed.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 3,250 ft³/s, Nov. 18, 2003; maximum gage height, 11.02 ft, Oct. 3, 2002; maximum negative discharge, -9,170 ft³/s, Oct. 3, 2002; minimum gage height, 6.13 ft, Jan. 23, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 3,250 ft³/s, Nov. 18; maximum gage height, 8.77 ft, Oct. 10; maximum negative discharge, -3,420 ft³/s, Sept. 23; minimum gage height, 6.55 ft, Apr. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-770	-756	-135	-323	-1,370	-635	-429	-420	170	---	-328	98
2	-694	-592	-525	-87	-334	-200	265	675	216	---	114	14
3	-505	-316	-799	-89	185	-458	494	-42	483	---	173	-746
4	-230	-192	-299	-156	-1,050	-931	515	-361	514	---	149	-284
5	-133	-106	177	406	-819	-353	-930	-200	347	---	734	-132
6	-270	481	-85	-148	901	1,150	-1,310	-307	194	---	303	159
7	-717	59	-425	-988	1,040	797	-72	-342	-34	---	-426	314
8	-581	-629	-515	-648	-518	492	530	-289	-223	---	-553	-257
9	-1,090	-109	-580	284	-711	771	-184	-506	-330	130	-24	-811
10	-572	-727	1,450	-86	-516	-405	-146	-548	3.6	299	58	90
11	765	-144	-191	-350	-1,630	-91	-584	-744	721	-86	-123	-985
12	-880	106	-395	-108	---	-206	775	-1,090	285	355	-44	-1,280
13	-343	128	179	-280	---	-449	1,300	-1,330	-597	64	-195	-1,220
14	317	-982	242	-254	---	-396	452	-947	-472	130	-334	-1,750
15	-810	-178	-407	146	---	-431	64	-577	-262	-52	-229	-1,270
16	-115	-213	444	-777	---	47	137	-1,210	-331	362	-195	-627
17	77	-529	965	-1,150	---	-319	49	-866	277	587	-5.4	1,260
18	-483	93	790	1,190	395	215	-575	-860	113	1,060	-110	655
19	-442	1,910	539	802	-61	63	-417	-501	143	-38	-78	-417
20	-185	-461	-298	-131	15	79	-486	-220	99	325	403	-745
21	138	307	-154	61	34	362	-492	0.62	52	206	518	-952
22	1,020	-376	-85	211	-542	-927	-638	-350	66	277	229	-946
23	58	-396	696	-30	-1,270	-1,620	-658	-349	444	265	78	-1,900
24	-315	881	360	-108	-1,800	-1,260	-658	12	193	-51	-1.7	-403
25	-346	-578	-363	-150	19	-2,000	-255	347	673	284	32	293
26	330	-523	-86	-246	696	-1,080	494	426	744	-151	39	-249
27	-136	-31	-230	1,190	-106	-863	-211	807	-2.8	-171	-106	60
28	-171	1,460	-356	-297	-649	-749	-737	393	184	-130	-84	925
29	26	56	3.0	-239	-1,060	71	-1,030	147	-469	-156	27	-321
30	-116	163	-284	-770	---	282	-1,340	-581	---	-151	-25	-251
31	51	---	-374	-992	---	1,110	---	1,120	---	-354	-31	---
TOTAL	-7,122	-2,194	-741.0	-4,117	---	-7,934	-6,077	-8,712.38	---	---	-35.1	-11,678

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.86	8.05	7.23	7.64	7.45	7.71	7.43	8.14	8.32	8.08	7.96	7.47
2	7.85	8.11	7.22	7.67	7.68	7.84	7.50	7.90	8.40	8.08	7.89	7.47
3	7.93	8.04	7.55	7.63	7.55	7.77	7.46	7.61	8.28	8.10	7.76	7.62
4	8.04	8.03	7.58	7.73	7.41	7.97	7.47	7.60	8.09	8.06	7.62	7.72
5	8.03	8.07	7.39	7.67	8.04	8.30	7.40	7.71	7.94	8.05	7.49	7.71
6	7.99	8.08	7.01	6.92	7.90	8.22	7.64	7.73	7.89	7.93	7.23	7.59
7	8.06	7.78	7.17	6.96	7.21	7.66	7.89	7.75	7.95	7.77	7.30	7.37
8	8.10	7.76	7.41	7.33	6.90	7.22	7.75	7.76	7.97	7.77	7.60	7.19
9	8.16	7.77	7.75	7.48	7.09	7.16	7.63	7.80	7.94	7.89	7.69	7.45
10	8.57	7.84	7.76	6.98	7.25	6.98	7.70	7.97	8.01	7.86	7.70	7.41
11	8.27	8.00	7.34	7.20	7.57	7.17	7.75	8.16	8.01	7.89	7.70	7.50
12	8.11	8.00	7.60	7.22	---	7.24	7.82	8.39	7.94	7.78	7.66	7.74
13	8.29	7.76	7.91	7.23	---	7.34	7.25	8.40	8.01	7.69	7.25	7.81
14	8.24	7.66	7.65	7.41	---	7.44	6.83	8.50	8.08	7.67	7.30	7.98
15	7.91	7.87	7.76	7.41	---	7.51	6.90	8.41	8.20	7.75	7.39	8.00
16	8.02	7.99	7.82	7.34	---	7.64	7.09	8.26	8.32	7.76	7.46	8.33
17	7.97	8.07	7.04	7.78	---	7.63	7.23	8.29	8.21	7.69	7.48	8.24
18	7.73	8.45	7.14	7.89	7.02	7.81	7.34	8.30	8.04	7.64	7.57	8.08
19	7.90	7.92	6.94	7.48	7.16	7.70	7.46	8.32	7.91	7.62	7.70	7.98
20	7.99	7.57	6.96	7.24	7.47	7.69	7.58	8.24	7.80	7.63	7.77	8.10
21	7.96	7.78	7.25	7.33	7.45	7.49	7.83	8.11	7.88	7.66	7.65	8.11
22	7.78	7.65	7.47	7.29	7.61	7.20	8.09	8.13	7.99	7.57	7.60	8.18
23	7.75	8.01	7.64	7.30	7.68	7.59	7.99	8.27	8.01	7.44	7.66	8.32
24	7.88	7.72	7.21	7.43	7.92	7.73	7.98	8.34	8.03	7.49	7.70	8.42
25	8.00	7.59	7.34	7.80	7.87	7.93	8.03	8.26	8.13	7.53	7.70	8.17
26	7.99	7.83	7.41	7.74	7.54	7.90	7.93	8.13	7.89	7.44	7.65	7.90
27	7.63	8.21	7.48	7.35	7.25	7.86	7.52	8.03	7.99	7.56	7.64	7.86
28	7.85	7.79	7.64	6.93	7.24	7.96	7.56	7.94	7.94	7.62	7.64	7.51
29	7.97	7.34	7.95	7.08	7.49	7.97	7.90	7.96	7.96	7.71	7.65	7.35
30	8.13	7.38	7.51	7.27	---	7.81	7.96	8.47	8.04	7.77	7.61	7.50
31	8.01	---	7.67	7.22	---	7.63	---	8.51	---	7.86	7.53	---
MAX	8.57	8.45	7.95	7.89	---	8.30	8.09	8.51	8.40	8.10	7.96	8.42
MIN	7.63	7.34	6.94	6.92	---	6.98	6.83	7.60	7.80	7.44	7.23	7.19

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2002 to September 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2002 to September 2004 (discontinued).

SALINITY: June 2002 to September 2004 (discontinued).

WATER TEMPERATURE: June 2002 to September 2004 (discontinued).

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

REMARKS.--Stage affected by wind and tide.

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 20-Nov. 12, Dec. 14-15, Mar. 19-24, July 4-14, and Aug. 22-Sept. 1 when records good; and July 15-21 when records fair.

SALINITY: Records excellent except for Oct. 20-Nov. 12, Dec. 14-15, Mar. 19-24, July 4-14, and Aug. 22-Sept. 1 when records good; and July 15-21 when records fair.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 37,000 microsiemens/cm, Sept. 23, 2004; minimum, 199 microsiemens/cm, July 27, 2004.

SALINITY: Maximum, 23.4 ppt, Sept. 23, 2004; Minimum, 0.1 ppt, July 27, 2004.

WATER TEMPERATURE: Maximum, 34.6°C, July 18, 2002; minimum, 7.8°C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 37,000 microsiemens/cm, Sept. 23; minimum, 199 microsiemens/cm, July 27.

SALINITY: Maximum, 23.4 ppt, Sept. 23; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 34.0°C, July 22; minimum, 9.6°C, Jan. 29.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9,050	2,570	5,860	18,600	7,100	13,000	6,430	2,990	5,150	1,460	434	949
2	15,800	5,000	10,300	20,800	12,800	16,200	5,850	2,290	3,890	1,580	486	1,100
3	17,100	8,320	12,200	16,200	11,600	14,200	2,480	513	1,150	1,620	471	1,140
4	19,800	8,810	13,800	14,800	9,550	12,500	3,170	538	2,150	1,590	493	1,020
5	17,600	7,990	13,000	14,200	10,600	12,800	3,480	534	1,880	1,540	491	1,100
6	12,700	6,930	10,500	12,800	7,680	9,710	4,570	537	3,290	2,580	665	1,780
7	11,700	7,130	9,320	8,950	5,140	7,350	3,230	450	1,450	1,890	409	660
8	12,800	8,320	10,700	7,770	4,440	5,780	1,950	606	1,190	8,570	414	3,030
9	13,800	8,120	10,900	11,900	5,300	7,480	9,260	1,210	4,670	11,100	1,930	4,460
10	26,700	13,400	22,300	14,600	6,120	10,500	10,900	3,170	4,690	3,160	1,840	2,320
11	13,400	9,390	10,400	23,900	9,730	14,900	3,760	580	3,120	2,570	441	1,200
12	14,200	5,530	11,100	24,400	8,350	14,600	2,860	547	1,880	1,610	403	1,070
13	8,080	4,120	6,330	19,200	9,440	13,200	5,130	806	2,370	1,570	427	1,080
14	7,750	5,460	6,780	13,300	10,100	11,500	2,820	2,300	2,600	958	403	573
15	8,410	4,880	6,280	27,600	10,300	16,800	2,910	485	1,390	1,360	414	1,030
16	6,720	2,450	4,120	26,200	11,400	18,200	2,360	478	1,330	3,970	409	1,120
17	6,020	3,050	4,750	26,700	14,200	22,900	2,840	2,310	2,620	19,600	3,970	8,870
18	6,290	1,380	3,500	32,200	12,900	25,400	2,670	1,370	2,150	20,600	2,630	6,800
19	6,330	1,200	3,320	12,900	9,320	10,500	2,560	1,390	2,120	3,760	1,890	2,180
20	13,300	2,770	6,430	12,900	6,600	9,000	2,870	550	1,980	3,410	495	2,130
21	8,670	4,260	5,740	9,530	6,880	8,810	1,920	688	1,390	2,580	463	1,450
22	4,500	3,240	4,090	10,100	3,760	7,470	4,320	834	1,910	2,320	425	1,320
23	3,610	3,160	3,410	13,700	4,600	8,030	6,390	1,030	2,630	2,140	402	1,280
24	5,660	3,410	3,670	13,700	7,810	8,740	2,700	940	2,270	1,940	392	1,110
25	13,300	4,280	7,970	9,330	2,500	5,640	1,840	515	1,220	1,610	481	826
26	17,700	4,860	9,010	17,200	2,500	8,880	1,740	437	1,130	1,140	843	979
27	9,010	3,940	6,460	25,400	8,030	13,600	1,690	445	1,010	1,300	973	1,150
28	7,150	3,130	4,920	9,950	6,850	7,870	1,380	468	801	2,080	462	1,250
29	10,800	4,000	5,820	7,850	5,310	6,860	10,200	694	3,790	1,830	374	1,080
30	20,300	5,120	11,300	7,480	1,450	4,540	3,060	447	1,750	852	338	489
31	19,000	5,250	10,000	---	---	---	1,160	425	764	1,160	338	496
MONTH	26,700	1,200	8,200	32,200	1,450	11,600	10,900	425	2,250	20,600	338	1,780

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9,520	1,100	3,080	420	236	298	2,980	350	2,040	555	336	421
2	11,600	3,180	6,480	471	235	306	2,530	346	1,650	1,120	417	715
3	5,770	1,580	4,060	395	228	292	2,450	975	1,880	1,610	801	1,140
4	2,000	364	1,030	270	228	240	1,960	1,130	1,540	1,710	332	834
5	23,100	367	8,350	2,930	235	784	1,750	295	907	1,130	330	741
6	23,300	3,420	9,790	4,450	557	1,320	3,970	293	1,190	1,170	302	671
7	3,750	2,290	2,990	758	555	640	4,260	1,820	2,890	913	288	581
8	5,000	1,320	2,950	940	758	872	2,410	1,130	1,350	814	291	532
9	1,680	547	931	961	579	815	1,260	369	849	771	294	519
10	1,410	404	611	1,020	252	539	1,010	386	694	922	300	406
11	---	---	---	773	252	510	953	336	641	5,880	342	1,230
12	---	---	---	852	264	540	965	390	724	12,600	4,810	7,710
13	---	---	---	645	252	424	1,440	872	1,100	17,700	3,690	9,620
14	---	---	---	568	238	355	1,500	1,050	1,180	5,560	2,610	4,640
15	---	---	---	474	227	312	1,620	456	1,250	2,610	550	1,450
16	---	---	---	459	235	349	1,440	394	1,000	3,050	350	1,300
17	---	---	---	496	225	353	1,420	309	843	2,460	344	718
18	1,080	296	740	398	244	329	1,150	294	535	1,800	304	658
19	1,010	273	676	420	251	357	585	310	381	1,090	288	531
20	735	288	524	421	274	364	595	344	407	1,130	304	697
21	756	269	599	532	409	447	847	360	462	1,860	410	1,190
22	732	252	303	776	338	491	12,800	380	4,450	2,230	264	1,180
23	330	242	257	14,700	329	5,410	8,440	1,520	3,940	1,790	257	932
24	4,020	241	2,190	14,500	4,460	8,360	8,000	1,120	3,830	1,250	273	698
25	3,980	2,420	3,120	18,400	4,020	9,580	3,560	927	2,250	1,210	528	1,000
26	2,590	1,080	1,300	18,200	4,940	10,100	2,320	1,460	2,030	1,050	734	837
27	1,400	337	1,030	7,170	1,460	4,710	2,620	498	1,730	957	701	864
28	1,450	245	904	3,200	640	1,960	2,090	420	1,180	936	691	767
29	494	243	297	3,070	362	1,600	3,220	577	1,650	1,200	911	1,010
30	---	---	---	3,110	986	2,580	1,300	344	881	1,120	219	482
31	---	---	---	3,100	1,940	2,430	---	---	---	1,830	374	926
MONTH	---	---	---	18,400	225	1,860	12,800	293	1,520	17,700	219	1,450
JUNE			JULY			AUGUST			SEPTEMBER			
1	1,570	514	1,130	687	228	471	428	231	324	806	557	686
2	1,320	251	945	602	221	415	449	257	347	875	660	691
3	1,170	949	1,020	546	242	419	487	362	433	4,260	415	1,490
4	1,360	1,060	1,150	561	257	444	579	451	502	9,850	2,540	4,560
5	1,430	462	1,110	611	279	453	535	407	486	7,060	2,600	4,570
6	1,500	345	1,050	555	428	466	735	441	548	4,480	1,580	2,780
7	1,340	264	920	674	491	577	982	262	441	2,560	1,100	1,660
8	1,250	231	809	750	575	678	10,000	274	3,220	1,750	398	932
9	1,080	204	630	1,120	269	671	5,500	608	2,860	8,220	445	2,730
10	477	204	301	872	570	683	2,300	867	1,430	3,300	936	1,960
11	830	421	578	900	262	525	1,340	375	780	8,710	1,140	3,640
12	528	432	473	662	589	621	1,030	295	610	20,800	4,170	11,700
13	683	244	370	937	281	612	1,090	292	553	23,700	17,800	20,600
14	415	251	302	1,010	302	660	956	322	640	30,400	23,700	26,200
15	436	252	331	861	245	498	2,840	406	973	31,600	29,600	31,000
16	479	258	358	532	336	453	5,010	500	1,570	29,900	14,500	23,900
17	505	356	442	446	363	417	2,450	698	1,290	18,600	10,500	13,400
18	682	333	508	538	363	430	3,760	1,010	2,020	19,800	10,700	12,600
19	968	406	634	721	272	440	3,740	2,140	2,920	18,200	11,300	15,100
20	1,150	333	633	781	271	462	3,300	929	2,540	23,100	13,800	17,900
21	1,170	322	693	663	418	576	1,130	474	750	28,900	18,700	25,900
22	983	322	716	640	508	553	1,020	488	679	31,200	25,000	28,200
23	870	581	662	606	532	550	889	488	615	37,000	21,700	32,100
24	719	328	531	907	320	623	887	493	590	36,500	25,900	34,300
25	602	458	502	800	506	669	773	477	592	30,400	21,000	25,300
26	806	467	617	719	200	420	685	454	566	21,600	13,800	18,500
27	1,240	367	724	770	199	426	681	474	582	20,500	7,360	16,700
28	1,090	624	737	584	217	398	690	461	576	18,000	14,200	15,200
29	1,050	259	540	511	237	371	717	517	612	14,600	2,560	10,900
30	849	235	484	435	234	338	840	428	586	9,700	2,570	6,010
31	---	---	---	436	239	344	865	426	635	---	---	---
MONTH	1,570	204	663	1,120	199	505	10,000	231	1,010	37,000	398	13,700

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.0	1.3	3.2	11.0	3.9	7.5	3.5	1.6	2.8	0.7	0.2	0.5
2	9.2	2.7	5.8	12.4	7.4	9.5	3.2	1.2	2.1	0.8	0.2	0.5
3	10.1	4.6	7.0	9.4	6.6	8.2	1.3	0.3	0.6	0.8	0.2	0.6
4	11.8	4.9	8.0	8.6	5.3	7.2	1.6	0.3	1.1	0.8	0.2	0.5
5	10.4	4.4	7.5	8.2	6.0	7.4	1.8	0.3	1.0	0.8	0.2	0.5
6	7.3	3.8	5.9	7.4	4.2	5.5	2.4	0.3	1.7	1.3	0.3	0.9
7	6.6	3.9	5.2	5.0	2.8	4.0	1.7	0.2	0.7	1.0	0.2	0.3
8	7.4	4.6	6.1	4.3	2.4	3.1	1.0	0.3	0.6	4.8	0.2	1.6
9	7.9	4.5	6.2	6.8	2.8	4.1	5.2	0.6	2.5	6.3	1.0	2.4
10	16.3	7.7	13.5	8.5	3.3	5.9	6.2	1.6	2.5	1.6	0.9	1.2
11	7.7	5.3	5.9	14.5	5.5	8.7	2.0	0.3	1.6	1.3	0.2	0.6
12	8.2	3.0	6.3	14.8	4.6	8.5	1.5	0.3	1.0	0.8	0.2	0.5
13	4.5	2.2	3.4	11.4	5.3	7.6	2.8	0.4	1.2	0.8	0.2	0.5
14	4.3	2.9	3.7	7.6	5.7	6.5	1.5	1.2	1.3	0.5	0.2	0.3
15	4.7	2.6	3.4	16.9	5.8	9.9	1.5	0.2	0.7	0.7	0.2	0.5
16	3.7	1.3	2.2	16.0	6.5	10.8	1.2	0.2	0.7	2.1	0.2	0.6
17	3.3	1.6	2.5	16.3	8.2	13.8	1.5	1.2	1.3	11.7	2.1	5.0
18	3.4	0.7	1.8	20.1	7.4	15.5	1.4	0.7	1.1	12.3	1.4	3.8
19	3.4	0.6	1.7	7.4	5.2	5.9	1.3	0.7	1.1	2.0	1.0	1.1
20	7.6	1.4	3.5	7.4	3.6	5.0	1.5	0.3	1.0	1.8	0.2	1.1
21	4.8	2.3	3.1	5.3	3.8	4.9	1.0	0.3	0.7	1.3	0.2	0.7
22	2.4	1.7	2.2	5.7	2.0	4.1	2.3	0.4	1.0	1.2	0.2	0.7
23	1.9	1.6	1.8	7.9	2.5	4.5	3.5	0.5	1.4	1.1	0.2	0.6
24	3.1	1.8	1.9	7.9	4.3	4.9	1.4	0.5	1.2	1.0	0.2	0.6
25	7.6	2.3	4.4	5.2	1.3	3.1	0.9	0.3	0.6	0.8	0.2	0.4
26	10.4	2.6	5.1	10.1	1.3	5.0	0.9	0.2	0.6	0.6	0.4	0.5
27	5.0	2.1	3.5	15.5	4.4	7.9	0.9	0.2	0.5	0.6	0.5	0.6
28	3.9	1.6	2.6	5.6	3.7	4.4	0.7	0.2	0.4	1.1	0.2	0.6
29	6.1	2.1	3.2	4.3	2.9	3.8	5.8	0.3	2.0	0.9	0.2	0.5
30	12.1	2.7	6.5	4.1	0.7	2.4	1.6	0.2	0.9	0.4	0.2	0.2
31	11.3	2.8	5.7	---	---	---	0.6	0.2	0.4	0.6	0.2	0.2
MONTH	16.3	0.6	4.6	20.1	0.7	6.7	6.2	0.2	1.2	12.3	0.2	0.9
FEBRUARY			MARCH			APRIL			MAY			
1	5.3	0.5	1.6	0.2	0.1	0.2	1.5	0.2	1.0	0.3	0.2	0.2
2	6.6	1.7	3.6	0.2	0.1	0.2	1.3	0.2	0.8	0.6	0.2	0.4
3	3.1	0.8	2.1	0.2	0.1	0.1	1.3	0.5	1.0	0.8	0.4	0.6
4	1.0	0.2	0.5	0.1	0.1	0.1	1.0	0.6	0.8	0.9	0.2	0.4
5	13.9	0.2	4.7	1.5	0.1	0.4	0.9	0.1	0.5	0.6	0.2	0.4
6	14.1	1.8	5.6	2.4	0.3	0.7	2.1	0.1	0.6	0.6	0.2	0.3
7	2.0	1.2	1.5	0.4	0.3	0.3	2.3	0.9	1.5	0.4	0.1	0.3
8	2.7	0.7	1.5	0.5	0.4	0.4	1.2	0.6	0.7	0.4	0.1	0.3
9	0.8	0.3	0.5	0.5	0.3	0.4	0.6	0.2	0.4	0.4	0.1	0.3
10	0.7	0.2	0.3	0.5	0.1	0.3	0.5	0.2	0.3	0.5	0.2	0.2
11	---	---	---	0.4	0.1	0.3	0.5	0.2	0.3	3.2	0.2	0.6
12	---	---	---	0.4	0.1	0.3	0.5	0.2	0.4	7.2	2.6	4.3
13	---	---	---	0.3	0.1	0.2	0.7	0.4	0.5	10.4	1.9	5.5
14	---	---	---	0.3	0.1	0.2	0.8	0.5	0.6	3.0	1.3	2.5
15	---	---	---	0.2	0.1	0.2	0.8	0.2	0.6	1.3	0.3	0.7
16	---	---	---	0.2	0.1	0.2	0.7	0.2	0.5	1.6	0.2	0.7
17	---	---	---	0.2	0.1	0.2	0.7	0.2	0.4	1.3	0.2	0.4
18	0.5	0.1	0.4	0.2	0.1	0.2	0.6	0.1	0.3	0.9	0.2	0.3
19	0.5	0.1	0.3	0.2	0.1	0.2	0.3	0.2	0.2	0.5	0.1	0.3
20	0.4	0.1	0.3	0.2	0.1	0.2	0.3	0.2	0.2	0.6	0.2	0.3
21	0.4	0.1	0.3	0.3	0.2	0.2	0.4	0.2	0.2	0.9	0.2	0.6
22	0.4	0.1	0.2	0.4	0.2	0.2	7.4	0.2	2.5	1.1	0.1	0.6
23	0.2	0.1	0.1	8.6	0.2	3.1	4.7	0.8	2.1	0.9	0.1	0.5
24	2.1	0.1	1.1	8.4	2.4	4.7	4.4	0.6	2.0	0.6	0.1	0.3
25	2.1	1.2	1.6	10.9	2.1	5.4	1.9	0.5	1.2	0.6	0.3	0.5
26	1.3	0.5	0.6	10.7	2.6	5.7	1.2	0.7	1.0	0.5	0.4	0.4
27	0.7	0.2	0.5	3.9	0.7	2.5	1.3	0.2	0.9	0.5	0.3	0.4
28	0.7	0.1	0.4	1.7	0.3	1.0	1.1	0.2	0.6	0.5	0.3	0.4
29	0.2	0.1	0.2	1.6	0.2	0.8	1.7	0.3	0.8	0.6	0.4	0.5
30	---	---	---	1.6	0.5	1.3	0.6	0.2	0.4	0.6	0.1	0.2
31	---	---	---	1.6	1.0	1.2	---	---	---	0.9	0.2	0.5
MONTH	---	---	---	10.9	0.1	1.0	7.4	0.1	0.8	10.4	0.1	0.8

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.8	0.3	0.6	0.3	0.1	0.2	0.2	0.1	0.2	0.4	0.3	0.3
2	0.7	0.1	0.5	0.3	0.1	0.2	0.2	0.1	0.2	0.4	0.3	0.3
3	0.6	0.5	0.5	0.3	0.1	0.2	0.2	0.2	0.2	2.3	0.2	0.8
4	0.7	0.5	0.6	0.3	0.1	0.2	0.3	0.2	0.2	5.5	1.3	2.4
5	0.7	0.2	0.6	0.3	0.1	0.2	0.3	0.2	0.2	3.9	1.3	2.4
6	0.8	0.2	0.5	0.3	0.2	0.2	0.4	0.2	0.3	2.4	0.8	1.4
7	0.7	0.1	0.5	0.3	0.2	0.3	0.5	0.1	0.2	1.3	0.5	0.8
8	0.6	0.1	0.4	0.4	0.3	0.3	5.6	0.1	1.7	0.9	0.2	0.5
9	0.5	0.1	0.3	0.6	0.1	0.3	3.0	0.3	1.5	4.6	0.2	1.4
10	0.2	0.1	0.2	0.4	0.3	0.3	1.2	0.4	0.7	1.7	0.5	1.0
11	0.4	0.2	0.3	0.4	0.1	0.3	0.7	0.2	0.4	4.8	0.6	1.9
12	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.1	0.3	12.4	2.2	6.8
13	0.3	0.1	0.2	0.5	0.1	0.3	0.5	0.1	0.3	14.4	10.5	12.3
14	0.2	0.1	0.2	0.5	0.2	0.3	0.5	0.2	0.3	18.9	14.4	16.0
15	0.2	0.1	0.2	0.4	0.1	0.2	1.5	0.2	0.5	19.6	18.3	19.2
16	0.2	0.1	0.2	0.3	0.2	0.2	2.7	0.2	0.8	18.5	8.4	14.5
17	0.2	0.2	0.2	0.2	0.2	0.2	1.3	0.3	0.6	11.0	6.0	7.7
18	0.3	0.2	0.3	0.3	0.2	0.2	2.0	0.5	1.0	11.8	6.1	7.2
19	0.5	0.2	0.3	0.4	0.1	0.2	2.0	1.1	1.5	10.7	6.4	8.8
20	0.6	0.2	0.3	0.4	0.1	0.2	1.7	0.5	1.3	13.9	7.9	10.6
21	0.6	0.2	0.3	0.3	0.2	0.3	0.6	0.2	0.4	17.8	11.1	15.8
22	0.5	0.2	0.4	0.3	0.3	0.3	0.5	0.2	0.3	19.4	15.2	17.4
23	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.2	0.3	23.4	13.0	20.0
24	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	0.3	23.1	15.8	21.5
25	0.3	0.2	0.2	0.4	0.2	0.3	0.4	0.2	0.3	18.9	12.6	15.4
26	0.4	0.2	0.3	0.4	0.1	0.2	0.3	0.2	0.3	13.0	7.9	11.0
27	0.6	0.2	0.4	0.4	0.1	0.2	0.3	0.2	0.3	12.2	4.0	9.9
28	0.5	0.3	0.4	0.3	0.1	0.2	0.3	0.2	0.3	10.6	8.2	8.8
29	0.5	0.1	0.3	0.3	0.1	0.2	0.4	0.3	0.3	8.5	1.3	6.2
30	0.4	0.1	0.2	0.2	0.1	0.2	0.4	0.2	0.3	5.4	1.3	3.3
31	---	---	---	0.2	0.1	0.2	0.4	0.2	0.3	---	---	---
MONTH	0.8	0.1	0.3	0.6	0.1	0.2	5.6	0.1	0.5	23.4	0.2	8.2

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.8	23.5	24.1	24.3	22.6	23.6	16.1	14.2	15.0	15.0	13.0	13.7
2	23.9	22.0	23.1	24.8	23.1	24.0	16.4	14.6	15.2	17.1	13.6	15.1
3	24.0	21.8	22.8	25.5	23.2	24.3	16.6	14.6	15.2	18.6	14.3	16.6
4	25.9	22.2	23.9	24.8	23.3	24.2	17.3	15.1	15.9	19.8	15.5	17.5
5	26.7	23.3	25.0	25.5	23.8	24.6	16.3	14.7	15.4	19.6	16.6	18.2
6	26.4	24.7	25.6	25.6	24.0	24.8	15.1	12.9	13.6	18.2	12.6	14.5
7	26.4	24.8	25.8	25.0	23.8	24.3	13.6	12.8	13.3	13.3	10.9	12.3
8	26.8	25.3	25.9	24.1	22.7	23.4	14.2	12.9	13.6	12.5	10.9	11.6
9	26.8	25.3	26.0	23.5	22.1	22.9	15.6	13.4	14.4	13.2	11.1	12.2
10	26.5	25.8	26.2	23.4	22.4	23.0	15.0	12.9	13.8	12.0	10.4	11.2
11	26.0	25.3	25.7	24.6	22.3	23.4	12.9	11.7	12.5	11.8	10.7	11.2
12	26.0	25.1	25.6	24.8	23.0	24.0	13.6	12.3	12.8	12.9	10.6	11.7
13	27.0	25.0	25.9	24.4	21.9	23.2	13.6	12.3	13.0	13.8	10.7	12.4
14	27.2	25.4	26.1	22.0	20.4	21.1	13.2	12.1	12.9	14.0	11.5	12.5
15	26.2	23.6	24.7	21.8	19.2	20.6	14.0	12.0	12.9	15.3	12.5	14.1
16	25.1	23.6	24.4	22.6	20.0	21.3	14.8	12.6	13.6	15.2	13.0	14.0
17	25.4	24.2	24.8	22.8	20.7	21.8	13.3	10.6	11.5	15.3	13.0	14.0
18	24.8	23.8	24.2	22.4	20.9	22.0	11.9	10.6	11.2	16.4	14.4	15.3
19	24.6	23.2	23.8	20.9	17.7	19.1	11.9	10.3	11.1	15.2	13.3	14.4
20	25.2	22.9	23.8	19.3	16.2	17.8	11.4	10.1	10.8	13.3	11.1	12.0
21	25.5	23.4	24.1	19.1	17.9	18.5	12.3	10.4	11.2	12.8	10.7	11.7
22	24.4	23.1	23.8	19.9	18.2	19.1	13.9	11.4	12.4	13.3	10.7	12.0
23	26.2	23.3	24.3	21.2	19.2	20.2	14.5	12.5	13.5	14.0	11.1	12.6
24	26.3	24.2	24.8	20.5	15.8	17.5	13.8	12.3	13.3	14.9	12.4	13.7
25	25.2	24.4	24.8	17.0	15.2	16.0	12.8	12.0	12.2	15.7	13.1	14.3
26	24.9	24.4	24.7	17.0	15.2	16.3	13.6	11.4	12.4	15.5	13.4	14.5
27	24.4	20.7	22.2	19.5	16.0	18.0	14.6	11.5	13.0	14.6	12.4	13.6
28	22.3	20.8	21.4	19.1	14.5	16.7	16.1	12.3	14.0	12.4	9.6	10.7
29	22.1	20.6	21.7	14.5	13.2	13.9	15.1	13.3	14.5	10.9	9.6	10.0
30	23.6	20.9	22.2	14.8	13.8	14.5	14.6	12.8	13.8	11.0	10.0	10.5
31	24.8	21.8	23.3	---	---	---	13.4	12.3	12.9	11.5	10.5	10.9
MONTH	27.2	20.6	24.3	25.6	13.2	20.8	17.3	10.1	13.3	19.8	9.6	13.2
FEBRUARY			MARCH			APRIL			MAY			
1	12.2	11.0	11.4	16.9	15.2	15.9	22.3	19.5	20.6	25.2	22.9	23.7
2	12.2	11.2	11.5	18.8	16.2	17.3	23.2	19.8	21.0	23.8	22.2	23.1
3	12.3	10.1	11.3	20.1	16.9	18.3	23.3	20.8	22.1	23.9	21.4	22.3
4	11.9	10.6	11.1	19.7	18.1	18.8	24.4	22.0	23.1	23.9	21.6	22.7
5	15.3	11.6	13.5	20.7	19.2	19.9	23.7	21.4	22.3	24.8	22.6	23.5
6	16.5	14.9	15.5	24.1	20.4	22.3	22.4	20.8	21.6	24.8	23.9	24.3
7	15.0	12.2	13.5	23.8	22.6	23.1	23.3	21.2	22.0	25.2	24.5	24.8
8	13.3	11.0	12.4	22.6	20.3	21.4	24.3	22.2	23.1	26.2	24.9	25.5
9	13.2	11.1	12.0	20.5	19.3	19.9	24.3	23.0	23.5	26.8	25.6	25.9
10	13.2	12.3	12.6	20.2	17.4	18.8	25.2	23.2	23.9	26.6	25.1	25.9
11	---	12.8	---	20.0	16.9	18.7	24.2	22.8	23.6	26.6	25.4	26.1
12	---	---	---	20.1	17.5	18.7	22.8	20.8	22.0	27.0	25.8	26.5
13	---	---	---	19.8	18.0	18.9	20.9	17.7	18.9	27.3	25.4	26.6
14	---	---	---	19.6	18.8	19.3	19.8	16.9	18.2	27.1	26.3	26.6
15	---	---	---	19.8	19.0	19.4	21.1	17.8	19.2	26.5	25.9	26.2
16	---	---	---	22.2	19.4	20.3	22.7	19.5	20.6	26.4	25.4	26.0
17	---	---	---	21.2	19.4	20.1	23.6	20.4	21.8	26.9	25.8	26.3
18	13.9	11.1	12.4	22.4	19.7	20.9	23.3	21.2	22.5	26.9	26.2	26.7
19	14.7	11.7	13.1	23.9	20.1	22.0	24.1	21.8	23.0	28.3	26.2	27.2
20	16.7	12.6	14.5	24.2	19.7	22.2	23.6	21.9	22.9	28.6	27.1	27.9
21	17.7	13.7	16.0	25.1	22.6	23.8	23.2	22.2	22.8	29.5	27.9	28.5
22	17.1	13.5	14.5	23.3	18.8	20.6	24.9	22.6	23.6	28.9	28.0	28.5
23	15.4	13.4	14.0	19.7	17.8	18.8	24.9	24.1	24.5	28.6	27.9	28.2
24	14.7	13.6	14.2	19.6	17.6	18.9	24.8	24.1	24.5	29.4	27.4	28.3
25	15.5	14.4	14.9	20.5	18.7	19.6	25.5	24.3	24.7	29.8	27.7	28.5
26	15.2	13.7	14.3	21.0	19.3	20.3	25.5	24.1	24.6	29.8	27.7	28.6
27	14.2	12.5	13.3	21.2	20.0	20.4	25.4	23.1	24.1	29.2	27.4	28.2
28	14.3	12.4	13.4	21.1	19.9	20.3	24.4	23.0	23.7	30.1	27.9	28.7
29	15.4	13.8	14.6	22.5	19.9	20.9	24.3	23.0	23.6	29.8	28.1	28.9
30	---	---	---	23.8	20.3	21.8	24.2	23.0	23.6	30.4	28.4	29.2
31	---	---	---	22.1	20.6	21.5	---	---	---	30.1	28.7	29.4
MONTH	---	---	---	25.1	15.2	20.1	25.5	16.9	22.5	30.4	21.4	26.5

292440090465600 FALGOUT CANAL NEAR HWY 315 NEAR THERIOT, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	31.6	29.4	30.2	30.9	29.6	30.3	32.1	30.1	31.1	31.4	28.9	29.8
2	30.7	29.1	29.9	30.8	29.3	30.0	32.0	30.7	31.4	31.3	29.4	30.1
3	30.0	28.4	29.1	30.5	29.4	29.9	32.8	30.4	31.4	30.7	29.9	30.3
4	29.4	28.4	28.8	31.7	29.6	30.5	33.1	30.8	31.8	31.1	29.7	30.2
5	29.8	27.4	28.5	32.5	30.5	31.2	32.4	31.3	31.8	31.0	29.6	30.3
6	30.1	28.0	29.0	32.7	30.8	31.5	32.0	31.0	31.5	31.3	29.6	30.4
7	30.2	28.4	29.3	31.9	30.5	31.0	31.9	30.2	31.1	31.1	29.5	30.4
8	30.1	28.9	29.5	30.8	29.7	30.2	31.2	30.1	30.6	31.5	29.5	30.4
9	30.6	28.6	29.6	29.7	28.2	28.8	31.2	29.8	30.5	31.5	29.7	30.4
10	31.8	29.3	30.3	29.8	28.2	29.0	32.2	30.4	31.2	31.2	29.2	30.1
11	31.9	29.9	30.8	30.4	29.0	29.6	32.3	30.9	31.7	30.9	29.5	30.1
12	32.1	30.8	31.3	31.9	29.6	30.3	32.0	29.9	31.2	30.2	29.2	29.6
13	31.2	30.3	30.8	31.2	29.4	30.2	30.2	27.8	29.0	29.5	27.7	28.9
14	30.4	29.0	29.8	31.5	29.8	30.3	29.4	26.5	28.2	29.3	28.2	28.6
15	31.1	28.5	29.6	32.0	29.5	30.7	29.0	26.1	27.7	28.4	26.9	27.9
16	31.1	29.4	30.1	31.8	30.7	31.1	29.0	26.5	28.0	28.6	26.3	27.4
17	31.7	29.5	30.6	31.4	29.8	30.4	29.9	27.2	28.5	30.5	27.5	28.9
18	31.6	30.7	31.1	30.2	28.4	29.3	30.7	28.3	29.3	31.4	28.6	29.9
19	31.8	30.9	31.3	31.2	28.6	29.8	31.6	29.1	29.9	30.4	28.6	29.6
20	31.4	30.1	30.6	31.3	28.7	30.1	31.5	29.6	30.5	29.4	28.0	28.8
21	30.6	29.4	30.0	30.9	29.9	30.3	31.7	30.7	31.1	28.1	27.3	27.7
22	30.7	29.0	29.8	34.0	30.0	31.0	32.3	30.4	31.4	27.4	26.1	26.6
23	31.5	29.3	30.2	32.6	30.9	31.3	32.4	30.5	31.7	26.1	25.3	25.6
24	30.3	29.1	29.8	32.3	30.1	31.2	32.2	30.7	31.6	26.5	25.4	25.9
25	29.1	27.6	28.2	32.0	30.0	31.2	31.8	30.6	31.4	27.2	25.5	26.3
26	28.3	26.9	27.5	32.4	29.7	30.5	32.6	30.8	31.5	27.9	25.6	26.7
27	30.0	27.6	28.9	31.9	29.6	30.7	32.4	31.3	31.8	28.2	25.8	26.8
28	30.9	29.4	30.0	32.0	30.1	30.9	31.7	30.9	31.3	27.8	25.0	26.4
29	30.2	29.3	29.7	32.3	30.6	31.5	31.6	30.0	30.6	28.1	25.4	26.4
30	30.6	29.1	29.8	32.4	31.4	31.9	31.1	29.2	29.9	28.1	25.9	26.9
31	---	---	---	32.2	30.7	31.5	30.8	28.6	29.7	---	---	---
MONTH	32.1	26.9	29.8	34.0	28.2	30.5	33.1	26.1	30.6	31.5	25.0	28.6

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA

LOCATION.--Lat 29° 25' 05", long 91° 04' 49", T. 19 S., R. 13. E., Terrebonne Parish, Hydrologic Unit 08090302, mounted to U-bound steel piles, 35 miles south of Morgan City.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder and velocity meter. Datum of gage is assumed.

REMARKS.--Stage affected by wind, tide, and heavy boat traffic. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.82 ft, June 30, 2003; minimum gage height, 3.24 ft, Jan. 6, 7, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.28 ft, Sept. 23; minimum gage height, 3.24 ft, Jan. 6, 7.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	4.62	4.05	4.38	4.04	3.68	3.85	4.29	3.98	4.17
2	---	---	---	4.63	4.16	4.43	4.03	3.65	3.83	4.36	3.91	4.16
3	---	---	---	4.52	4.12	4.34	4.24	3.89	4.08	4.31	3.87	4.14
4	---	---	---	4.52	4.20	4.36	4.21	3.84	4.05	4.45	3.89	4.20
5	---	---	---	4.45	4.11	4.32	4.05	3.68	3.89	4.47	3.84	4.12
6	---	---	---	4.53	4.15	4.36	3.96	3.32	3.65	3.84	3.24	3.56
7	---	---	---	4.27	3.71	4.06	4.14	3.51	3.81	4.11	3.24	3.59
8	---	---	---	4.38	3.57	3.97	4.31	3.65	3.99	4.28	3.65	3.97
9	---	---	---	4.37	3.59	3.99	4.59	3.94	4.27	4.40	3.75	4.09
10	---	---	---	4.31	3.74	4.06	4.68	4.09	4.43	3.87	3.33	3.61
11	---	---	---	---	---	---	4.38	3.75	4.00	3.98	3.55	3.80
12	---	---	---	---	---	---	4.49	3.96	4.26	3.97	3.55	3.78
13	---	---	---	---	---	---	4.67	4.38	4.52	3.99	3.56	3.75
14	---	---	---	---	---	---	4.43	3.96	4.21	4.14	3.73	3.87
15	4.48	3.94	4.20	---	---	---	4.48	4.08	4.30	4.14	3.82	3.92
16	4.65	4.04	4.37	---	---	---	4.60	4.04	4.35	4.24	3.62	3.92
17	---	---	---	---	---	---	---	---	---	4.54	3.90	4.22
18	---	---	---	---	---	---	---	---	---	4.54	4.15	4.37
19	---	---	---	---	---	---	---	---	---	4.42	3.83	4.04
20	---	---	---	---	---	---	---	---	---	4.16	3.55	3.87
21	---	---	---	4.49	4.08	4.25	---	---	---	4.19	3.67	3.97
22	---	---	---	4.44	3.70	4.07	---	---	---	4.14	3.63	3.91
23	---	---	---	4.63	4.10	4.42	4.49	4.04	4.24	4.12	3.65	3.92
24	---	---	---	4.69	3.89	4.26	4.21	3.52	3.88	4.26	3.77	4.02
25	---	---	---	4.47	3.71	4.07	4.23	3.60	3.95	4.49	4.16	4.31
26	---	---	---	4.62	4.03	4.37	4.33	3.71	4.06	4.36	4.13	4.21
27	---	---	---	4.82	4.55	4.69	4.32	3.80	4.10	4.36	3.70	3.96
28	---	---	---	4.81	3.94	4.41	4.35	3.89	4.15	4.03	3.51	3.69
29	4.61	3.91	4.32	4.23	3.73	3.92	4.73	4.30	4.53	4.01	3.60	3.81
30	4.80	4.25	4.55	4.32	3.77	4.03	4.38	3.98	4.14	4.19	3.66	3.93
31	4.69	3.98	4.38	---	---	---	4.38	4.11	4.22	4.30	3.68	3.97
MONTH	---	---	---	---	---	---	---	---	---	4.54	3.24	3.96

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	4.40	3.95	4.19	4.54	4.08	4.31	4.33	3.86	4.11	4.60	4.22	4.49
2	4.49	4.07	4.28	4.54	4.20	4.35	4.25	3.89	4.07	4.56	4.08	4.38
3	4.48	3.91	4.19	4.44	4.11	4.29	4.16	3.82	4.02	4.27	3.97	4.16
4	4.32	3.77	4.04	4.64	4.25	4.44	4.18	3.91	4.03	4.32	3.86	4.12
5	4.71	4.32	4.52	4.81	4.51	4.67	4.10	3.75	3.91	4.39	3.97	4.21
6	4.75	4.13	4.42	4.89	4.44	4.68	4.26	3.83	4.11	4.44	3.90	4.23
7	4.13	3.72	3.86	4.44	4.13	4.28	4.43	4.04	4.26	4.45	3.93	4.24
8	3.80	3.46	3.63	4.13	3.82	3.98	4.40	3.97	4.20	4.53	3.94	4.27
9	3.94	3.59	3.78	3.95	3.81	3.90	4.38	3.77	4.13	4.57	4.02	4.32
10	3.92	3.76	3.81	4.10	3.52	3.77	4.40	3.86	4.17	4.62	4.14	4.41
11	4.42	3.86	4.10	3.94	3.74	3.83	4.53	3.92	4.21	4.68	4.31	4.52
12	4.40	3.80	4.07	4.01	3.60	3.84	4.47	4.11	4.30	4.91	4.56	4.72
13	3.99	3.51	3.75	4.19	3.64	3.93	4.26	3.69	3.91	4.90	4.70	4.80
14	4.31	3.65	3.97	4.26	3.70	4.00	3.76	3.30	3.54	4.91	4.79	4.85
15	4.31	3.76	3.95	4.38	3.76	4.07	3.73	3.30	3.54	4.90	4.66	4.81
16	4.00	3.51	3.77	4.33	3.92	4.15	3.76	3.48	3.62	4.76	4.61	4.71
17	3.98	3.57	3.81	4.36	3.87	4.14	3.96	3.59	3.75	4.83	4.59	4.74
18	3.98	3.52	3.77	4.46	4.12	4.29	4.07	3.59	3.86	4.87	4.59	4.76
19	4.05	3.62	3.85	4.37	4.07	4.21	4.19	3.69	3.95	4.93	4.67	4.82
20	4.29	3.90	4.10	4.35	4.12	4.22	4.25	3.65	4.04	4.87	4.66	4.78
21	4.20	3.92	4.09	4.27	3.93	4.11	4.46	3.87	4.24	4.78	4.59	4.70
22	4.39	4.15	4.25	4.04	3.76	3.87	4.66	4.15	4.46	4.85	4.48	4.71
23	4.42	4.15	4.29	4.29	3.88	4.14	4.49	4.20	4.36	4.94	4.60	4.79
24	4.50	4.20	4.40	4.30	4.10	4.22	4.52	4.01	4.31	4.95	4.71	4.84
25	4.52	4.38	4.46	4.53	4.09	4.34	4.70	4.10	4.40	4.91	4.70	4.80
26	4.44	4.11	4.22	4.47	4.17	4.34	4.64	4.14	4.36	4.83	4.57	4.71
27	4.12	3.94	4.04	4.54	4.17	4.36	4.30	3.71	4.04	4.77	4.53	4.64
28	4.19	3.91	4.07	4.57	4.22	4.40	4.31	3.67	4.02	4.71	4.42	4.57
29	4.35	3.96	4.17	4.55	4.21	4.40	4.42	4.05	4.22	4.67	4.43	4.53
30	---	---	---	4.48	4.06	4.30	4.30	4.13	4.22	5.05	4.58	4.90
31	---	---	---	4.48	4.15	4.25	---	---	---	5.13	4.74	4.99
MONTH	4.75	3.46	4.06	4.89	3.52	4.20	4.70	3.30	4.08	5.13	3.86	4.60
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.97	4.65	4.85	4.84	4.44	4.69	4.62	3.96	4.37	4.08	3.73	3.90
2	5.15	4.61	4.94	4.86	4.45	4.70	4.47	4.04	4.29	4.12	3.60	3.84
3	4.98	4.74	4.89	4.86	4.50	4.72	4.29	4.00	4.17	4.07	3.70	3.91
4	4.80	4.54	4.70	4.78	4.52	4.68	4.19	3.78	4.02	4.24	3.72	4.01
5	4.68	4.34	4.53	4.78	4.48	4.66	4.15	3.71	3.94	4.35	3.71	4.07
6	4.70	4.27	4.52	4.70	4.46	4.59	4.11	3.40	3.67	4.28	3.53	3.97
7	4.77	4.31	4.56	4.53	4.36	4.45	3.97	3.46	3.69	3.99	3.25	3.71
8	4.69	4.40	4.57	4.55	4.34	4.43	4.21	3.66	4.00	3.77	3.26	3.49
9	4.64	4.35	4.50	4.75	4.46	4.61	4.35	3.76	4.10	4.15	3.33	3.87
10	4.67	4.42	4.53	4.62	4.33	4.52	4.34	3.60	4.06	4.18	3.35	3.83
11	4.62	4.35	4.54	4.59	4.33	4.49	4.33	3.60	4.05	4.13	3.35	3.91
12	4.60	4.31	4.49	4.54	4.18	4.42	4.36	3.47	4.02	4.27	3.62	4.08
13	4.65	4.32	4.53	4.48	4.10	4.34	3.83	3.31	3.60	4.33	3.89	4.16
14	4.70	4.36	4.57	4.49	4.09	4.32	4.10	3.25	3.77	4.55	4.04	4.39
15	4.85	4.35	4.67	4.51	4.07	4.35	4.03	3.44	3.83	4.58	4.27	4.44
16	5.02	4.53	4.83	4.50	4.09	4.34	4.20	3.47	3.88	5.07	4.39	4.74
17	4.87	4.60	4.77	4.46	4.05	4.31	4.16	3.62	3.90	5.07	4.56	4.83
18	4.73	4.46	4.62	4.55	4.03	4.35	4.18	3.69	3.97	4.79	4.22	4.56
19	4.66	4.33	4.51	4.43	4.04	4.24	4.29	3.84	4.08	4.53	4.03	4.32
20	4.63	4.21	4.46	4.33	3.99	4.18	4.37	4.04	4.20	4.75	4.25	4.52
21	4.61	4.26	4.49	4.41	4.01	4.21	4.35	3.79	4.08	4.82	4.32	4.61
22	4.74	4.29	4.57	4.24	4.00	4.12	4.28	3.68	4.00	4.95	4.36	4.72
23	4.74	4.40	4.60	4.12	3.90	3.99	4.44	3.66	4.10	5.28	4.36	4.91
24	4.91	4.37	4.64	4.24	3.87	4.00	4.50	3.73	4.17	5.17	4.75	5.04
25	4.88	4.66	4.78	4.12	3.69	3.97	4.50	3.67	4.17	4.88	4.41	4.76
26	4.76	4.49	4.62	4.12	3.70	3.92	4.41	3.62	4.12	4.56	4.22	4.44
27	4.72	4.45	4.62	4.31	3.73	4.08	4.36	3.60	4.10	4.62	4.15	4.38
28	4.69	4.39	4.57	4.34	3.71	4.10	4.41	3.59	4.09	4.29	3.91	4.09
29	4.70	4.38	4.58	4.49	3.70	4.20	4.41	3.68	4.10	4.22	3.65	3.86
30	4.72	4.40	4.56	4.57	3.78	4.28	4.34	3.66	4.05	4.33	3.71	3.99
31	---	---	---	4.56	3.88	4.30	4.27	3.74	3.95	---	---	---
MONTH	5.15	4.21	4.62	4.86	3.69	4.34	4.62	3.25	4.02	5.28	3.25	4.25

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 2003 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 2003 to current year.

SALINITY: January 2003 to current year.

WATER TEMPERATURE: January 2003 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Nov. 13-20, Apr. 2-18, May 30-June 20, and July 4-8 when records good, Apr. 19-May 1 and June 21-July 1 when records fair, May 2-20 and Jul 12-21 when records poor.

SALINITY: Records excellent except for Nov. 13-20, Apr. 2-18, May 30-June 20, and July 4-8 when records good, Apr. 19-May 1 and June 21-July 1 when records fair, May 2-20 and Jul 12-21 when records poor.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 7,830 microsiemens/cm, Nov. 27, 2003; minimum, 228 microsiemens/cm, July 25, 2004.

SALINITY: Maximum, 4.3 ppt, Nov. 27, 2003; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.9° C, Aug. 26, 2004; minimum, 6.9° C, Jan. 24, 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 7,830 microsiemens/cm, Nov. 27; minimum, 228 microsiemens/cm, July 25.

SALINITY: Maximum, 4.3 ppt, Nov. 27; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.9° C, Aug. 26; minimum, 8.8° C, Jan. 29.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	1,230	603	1,090	620	596	606	384	367	377
2	---	---	---	907	517	727	618	543	576	390	381	384
3	---	---	---	589	469	507	588	449	501	392	383	387
4	---	---	---	549	456	486	510	435	459	397	384	390
5	---	---	---	519	467	502	500	440	463	398	383	389
6	---	---	---	526	454	496	544	456	505	419	388	403
7	---	---	---	563	459	489	505	450	476	426	402	413
8	---	---	---	748	458	503	474	437	448	469	391	432
9	---	---	---	748	470	570	594	413	440	453	359	382
10	---	---	---	526	460	504	852	404	529	396	361	377
11	---	---	---	---	---	---	434	394	409	389	380	384
12	---	---	---	---	---	---	419	375	388	385	374	380
13	---	---	---	---	---	---	407	345	368	383	373	376
14	---	---	---	---	---	---	387	338	357	378	364	372
15	---	---	---	---	---	---	380	354	362	374	362	367
16	---	---	---	---	---	---	372	346	356	378	367	373
17	---	---	---	---	---	---	---	---	---	395	372	377
18	---	---	---	---	---	---	---	---	---	419	368	377
19	---	---	---	---	---	---	---	---	---	379	368	374
20	---	---	---	2,620	1,490	1,970	---	---	---	397	377	385
21	---	---	---	2,900	1,460	2,060	---	---	---	391	380	385
22	---	---	---	1,870	1,440	1,550	---	---	---	384	377	380
23	---	---	---	4,010	1,870	2,850	644	376	481	379	366	371
24	---	---	---	2,790	1,060	1,480	410	373	388	369	355	361
25	---	---	---	1,380	1,060	1,150	399	384	390	367	339	355
26	---	---	---	3,540	1,040	2,500	397	379	386	349	335	339
27	---	---	---	7,830	1,520	4,700	390	375	383	346	325	337
28	---	---	---	4,130	851	1,540	390	379	385	363	345	357
29	2,070	989	1,570	851	743	789	393	366	381	365	353	359
30	4,300	1,000	2,480	753	617	666	390	366	377	359	350	353
31	2,360	1,010	1,990	---	---	---	382	373	377	357	349	353
MONTH	---	---	---	---	---	---	---	---	---	469	325	376

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	351	345	348	262	254	257	329	319	324	391	381	384
2	350	344	347	256	244	251	334	326	329	402	380	391
3	352	341	347	254	245	249	337	328	333	404	366	386
4	357	345	350	256	247	252	342	335	338	399	350	369
5	654	345	466	351	253	267	342	337	340	376	341	356
6	471	340	363	390	252	282	342	328	339	433	372	396
7	361	340	350	258	247	253	334	324	329	428	375	393
8	371	361	366	279	257	269	338	328	334	419	383	398
9	366	356	361	285	277	281	347	334	341	426	384	404
10	361	342	350	297	276	288	352	343	348	509	397	436
11	350	337	344	288	256	274	355	344	349	607	436	517
12	343	310	319	278	258	270	361	355	358	510	423	471
13	324	310	318	275	260	266	363	355	360	527	485	506
14	319	307	315	272	259	263	363	351	357	551	444	505
15	310	287	295	275	262	267	367	347	355	449	384	418
16	300	284	292	278	265	272	381	347	361	435	388	407
17	293	277	284	288	270	281	393	376	385	418	390	404
18	---	---	---	302	285	292	406	392	398	462	406	432
19	---	---	---	325	300	315	422	406	412	464	398	431
20	268	245	255	339	321	333	429	420	423	466	372	412
21	255	240	248	336	321	330	433	424	428	414	380	402
22	251	239	244	326	319	321	1,230	429	641	449	405	422
23	262	237	246	327	319	322	1,190	425	495	464	388	420
24	251	238	244	331	322	326	431	420	424	412	373	397
25	247	240	242	329	324	327	432	401	422	398	312	340
26	250	241	245	331	328	329	401	376	389	335	312	319
27	262	250	258	331	327	329	380	361	373	352	309	332
28	270	261	264	332	325	327	375	359	370	309	294	301
29	267	259	262	330	321	324	368	355	362	298	288	294
30	---	---	---	329	318	322	384	367	373	966	291	394
31	---	---	---	321	316	318	---	---	---	1,220	966	1,120
MONTH	---	---	---	390	244	292	1,230	319	380	1,220	288	424
JUNE			JULY			AUGUST			SEPTEMBER			
1	1,090	511	680	321	300	310	320	262	279	452	424	436
2	567	356	410	303	286	295	326	276	294	504	434	464
3	357	321	339	298	288	293	317	279	293	607	504	569
4	326	307	316	301	290	294	318	289	297	663	607	637
5	312	279	304	299	293	296	323	297	310	714	663	701
6	292	276	285	299	289	292	339	299	321	716	653	686
7	280	262	272	302	289	294	343	294	318	671	594	644
8	267	247	256	300	286	293	367	291	319	620	595	607
9	338	267	311	292	273	281	338	281	301	642	616	626
10	339	312	326	288	282	286	348	286	307	626	612	616
11	328	324	326	293	287	290	350	298	312	617	593	605
12	339	328	333	292	285	288	336	301	321	620	512	546
13	342	336	339	298	289	292	348	336	343	545	445	495
14	343	335	340	326	287	300	343	329	336	529	421	465
15	337	330	332	324	297	304	337	325	330	530	473	507
16	331	324	328	359	306	324	331	323	328	650	529	539
17	334	329	332	369	312	334	348	326	337	1,290	650	1,110
18	335	326	332	326	304	315	371	345	360	1,510	1,240	1,380
19	341	333	336	343	318	329	416	370	385	1,900	1,510	1,730
20	338	334	336	361	322	344	413	384	395	1,920	1,820	1,870
21	339	337	338	340	234	293	414	393	403	1,920	1,830	1,900
22	339	335	337	259	242	251	415	402	408	1,990	1,910	1,970
23	339	337	338	262	243	254	417	404	411	2,720	1,790	2,080
24	338	332	337	260	234	246	438	407	421	3,020	2,300	2,670
25	332	321	326	259	228	242	472	430	454	2,590	2,320	2,460
26	321	319	320	268	236	249	466	420	432	2,320	1,230	1,660
27	329	321	325	296	250	264	449	414	421	1,230	984	1,090
28	334	328	330	318	266	288	436	411	418	1,000	792	922
29	334	331	332	318	240	264	465	417	433	797	663	754
30	332	311	317	286	238	259	442	419	429	663	584	628
31	---	---	---	307	245	264	441	424	430	---	---	---
MONTH	1,090	247	338	369	228	288	472	262	360	3,020	421	1,050

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	0.6	0.3	0.5	0.3	0.3	0.3	0.2	0.2	0.2
2	---	---	---	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2
3	---	---	---	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
4	---	---	---	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
5	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	---	---	---	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
7	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	---	---	---	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	---	---	---	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
10	---	---	---	0.3	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2
11	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
12	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
13	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
14	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
15	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
16	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
17	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
18	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
19	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
20	---	---	---	1.3	0.7	1.0	---	---	---	0.2	0.2	0.2
21	---	---	---	1.5	0.7	1.0	---	---	---	0.2	0.2	0.2
22	---	---	---	0.9	0.7	0.8	---	---	---	0.2	0.2	0.2
23	---	---	---	2.1	0.9	1.5	0.3	0.2	0.2	0.2	0.2	0.2
24	---	---	---	1.4	0.5	0.7	0.2	0.2	0.2	0.2	0.2	0.2
25	---	---	---	0.7	0.5	0.6	0.2	0.2	0.2	0.2	0.2	0.2
26	---	---	---	1.9	0.5	1.3	0.2	0.2	0.2	0.2	0.2	0.2
27	---	---	---	4.3	0.8	2.5	0.2	0.2	0.2	0.2	0.2	0.2
28	---	---	---	2.2	0.4	0.8	0.2	0.2	0.2	0.2	0.2	0.2
29	1.1	0.5	0.8	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
30	2.3	0.5	1.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
31	1.2	0.5	1.0	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
MONTH	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
5	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
11	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3
12	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
13	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
14	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
15	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
17	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
18	---	---	---	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
19	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.1	0.1	0.1	0.2	0.2	0.2	0.6	0.2	0.3	0.2	0.2	0.2
23	0.1	0.1	0.1	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	0.2
24	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
30	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.1	0.2
31	---	---	---	0.2	0.2	0.2	---	---	---	0.6	0.5	0.6
MONTH	---	---	---	0.2	0.1	0.1	0.6	0.2	0.2	0.6	0.1	0.2

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
2	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.3	0.2	0.3
4	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3
5	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.3
6	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.3
7	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3
8	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3
9	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3
10	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3
11	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
12	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
13	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2
14	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.3	0.5
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.6	0.7
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.0	0.8	0.9
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.0	0.9	0.9
21	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	1.0	0.9	1.0
22	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	1.0	1.0	1.0
23	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	1.4	0.9	1.1
24	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	1.6	1.2	1.4
25	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	1.3	1.2	1.3
26	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	1.2	0.6	0.8
27	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.6	0.5	0.5
28	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.5	0.4	0.5
29	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.4
30	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
31	---	---	---	0.2	0.1	0.1	0.2	0.2	0.2	---	---	---
MONTH	0.5	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	1.6	0.2	0.5

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	25.0	23.0	23.9	15.6	13.5	14.5	15.9	12.4	13.9
2	---	---	---	25.4	23.7	24.3	15.8	13.9	14.8	17.5	14.8	15.9
3	---	---	---	25.3	23.7	24.3	16.3	14.3	15.2	18.5	16.1	17.0
4	---	---	---	24.9	23.6	24.2	17.2	15.1	15.9	19.8	17.1	18.2
5	---	---	---	25.9	23.8	24.6	15.9	14.3	15.1	18.7	15.8	17.9
6	---	---	---	25.6	23.8	24.6	14.3	12.4	13.1	15.8	12.2	13.4
7	---	---	---	24.8	22.9	23.8	13.4	11.7	12.4	12.2	9.9	10.4
8	---	---	---	23.4	21.4	22.5	14.4	12.0	13.0	10.5	9.8	10.0
9	---	---	---	23.1	20.8	22.0	15.9	13.2	14.2	12.4	10.5	11.3
10	---	---	---	22.9	21.2	22.0	14.3	12.6	13.4	11.1	9.8	10.4
11	---	---	---	---	---	---	12.7	11.2	12.0	11.3	9.2	10.2
12	---	---	---	---	---	---	12.7	11.2	12.0	12.1	9.6	10.7
13	---	---	---	---	---	---	12.8	12.0	12.5	12.7	10.4	11.5
14	---	---	---	---	---	---	12.5	11.2	11.8	13.9	11.3	12.4
15	---	---	---	---	---	---	13.5	11.0	12.2	13.6	12.4	13.1
16	---	---	---	---	---	---	13.7	12.2	13.0	14.3	12.5	13.3
17	---	---	---	---	---	---	---	---	---	15.5	13.5	14.3
18	---	---	---	---	---	---	---	---	---	15.7	13.8	14.6
19	---	---	---	---	---	---	---	---	---	13.8	11.8	12.8
20	---	---	---	18.7	16.8	18.1	---	---	---	12.3	10.3	11.1
21	---	---	---	19.3	17.5	18.3	---	---	---	12.2	10.0	11.0
22	---	---	---	20.6	17.9	19.1	---	---	---	12.1	9.9	10.9
23	---	---	---	21.8	18.6	19.9	14.7	12.4	13.4	12.8	10.1	11.3
24	---	---	---	20.2	15.4	17.2	13.4	11.8	12.6	13.8	11.2	12.3
25	---	---	---	15.7	13.9	14.9	12.7	11.5	12.0	14.3	13.1	13.7
26	---	---	---	16.8	14.2	15.4	13.5	11.2	12.2	13.6	12.3	12.8
27	---	---	---	19.7	16.8	18.4	14.2	11.9	13.0	12.5	10.0	10.9
28	---	---	---	18.9	14.5	16.4	15.7	12.9	14.2	11.1	9.0	10.0
29	22.0	19.8	20.9	14.6	13.5	14.1	15.8	14.0	15.3	11.0	8.8	9.9
30	23.1	20.4	21.8	14.6	12.9	13.8	14.1	12.8	13.5	11.7	10.2	10.9
31	24.4	22.0	23.0	---	---	---	13.0	11.8	12.6	12.0	10.9	11.4
MONTH	---	---	---	---	---	---	---	---	---	19.8	8.8	12.5
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	10.6	11.4	18.4	14.8	16.5	21.9	18.7	20.2	24.7	21.8	22.8
2	12.9	11.4	11.9	18.9	16.5	17.5	22.7	19.5	20.8	22.6	21.4	21.9
3	12.0	10.2	11.2	20.7	17.1	18.4	23.4	20.1	21.5	23.3	20.4	21.7
4	12.6	10.2	11.0	21.8	18.6	20.0	24.0	20.7	22.0	24.4	21.0	22.6
5	17.3	12.5	15.0	23.1	20.5	21.7	22.5	20.4	21.5	25.4	22.3	23.8
6	16.9	13.9	15.3	24.0	21.4	22.6	22.4	20.2	21.2	26.1	23.0	24.5
7	13.9	12.3	13.1	22.0	20.3	21.2	22.7	20.3	21.3	26.5	23.5	25.1
8	12.8	10.9	11.6	21.7	19.7	20.7	24.1	21.1	22.4	26.8	23.9	25.4
9	13.8	10.2	11.8	21.4	19.3	20.2	25.3	22.2	23.6	27.1	24.5	25.8
10	13.7	12.7	13.3	20.2	17.5	18.8	25.7	22.9	24.3	27.3	24.6	26.0
11	14.4	13.5	13.8	20.1	17.3	18.6	24.6	22.7	23.6	27.0	25.2	26.2
12	14.5	12.9	13.9	21.1	18.1	19.4	23.0	19.6	21.3	27.1	25.3	26.3
13	12.9	11.7	12.2	20.2	18.3	19.3	19.6	17.3	18.4	27.2	25.1	26.1
14	11.7	10.7	11.3	19.3	18.5	18.9	20.5	16.8	18.4	27.0	25.1	26.2
15	11.7	9.9	10.7	19.2	17.9	18.5	22.3	18.1	19.8	26.4	24.7	25.5
16	12.5	9.5	10.8	21.4	18.0	19.4	23.0	19.2	21.0	27.1	24.7	25.8
17	12.9	10.1	11.4	21.3	18.0	19.5	23.1	19.8	21.5	27.6	25.6	26.4
18	12.2	10.2	10.8	22.3	19.0	20.2	23.5	20.4	21.9	27.1	25.9	26.4
19	14.5	11.1	13.1	22.4	19.0	20.5	23.4	21.0	22.0	27.9	25.4	26.6
20	15.4	11.7	13.2	22.7	19.0	20.7	23.4	21.3	22.3	28.8	26.3	27.4
21	15.4	12.1	13.6	22.1	19.2	20.5	25.1	21.4	22.9	29.1	26.8	27.8
22	14.4	12.0	13.3	19.9	17.7	18.8	26.0	22.3	24.0	29.5	27.2	28.3
23	15.1	13.6	14.2	19.4	16.6	17.9	25.4	23.6	24.7	28.9	27.2	28.1
24	14.5	13.3	13.8	18.9	16.6	17.7	26.2	23.6	24.8	29.0	27.2	28.1
25	14.4	12.8	13.4	19.6	17.6	18.7	26.1	24.3	25.2	29.1	26.9	27.9
26	13.0	11.6	12.1	20.5	17.8	19.1	25.0	23.9	24.3	29.4	27.2	28.2
27	13.6	11.3	12.3	21.7	18.6	20.1	25.8	22.7	24.2	29.2	27.4	28.3
28	14.6	12.3	13.4	22.2	19.3	20.8	25.5	22.9	24.2	30.0	27.8	28.7
29	16.4	13.5	14.9	22.6	20.1	21.2	25.2	23.4	24.3	30.5	28.4	29.4
30	---	---	---	22.6	19.8	21.0	24.7	22.3	23.5	30.4	28.7	29.5
31	---	---	---	21.5	19.5	20.5	---	---	---	30.8	28.8	29.7
MONTH	17.3	9.5	12.7	24.0	14.8	19.6	26.2	16.8	22.4	30.8	20.4	26.3

292505091044900 CANAL BANK BREAK SOUTH OF MORGAN CITY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.7	29.1	29.9	30.5	29.0	29.7	32.2	30.1	31.1	31.0	28.7	29.7
2	30.2	28.6	29.4	30.0	28.9	29.4	32.2	30.5	31.4	32.7	28.9	30.5
3	30.2	28.4	29.2	30.5	28.8	29.6	32.8	30.5	31.5	31.0	29.6	30.2
4	29.5	28.4	29.0	30.9	28.7	29.7	32.7	30.4	31.5	30.4	29.1	29.8
5	29.9	28.1	28.9	31.0	29.3	30.1	32.6	31.1	31.9	31.0	28.9	29.8
6	30.5	28.1	29.2	30.6	29.4	29.9	32.1	30.5	31.3	30.6	29.0	29.9
7	30.9	28.6	29.6	30.2	28.9	29.5	31.6	29.0	30.4	31.4	29.0	30.1
8	31.0	29.2	30.1	29.6	28.5	29.0	30.9	30.0	30.4	31.5	28.9	30.2
9	31.0	29.0	30.0	28.8	27.3	27.9	31.6	29.7	30.6	31.2	29.6	30.4
10	30.5	29.0	29.8	29.1	26.9	28.0	32.1	30.1	31.0	31.1	29.0	30.0
11	30.9	29.0	29.9	30.4	27.9	29.0	31.8	30.7	31.2	30.7	29.5	30.1
12	31.0	29.5	30.3	31.1	28.8	29.8	31.2	29.7	30.6	30.5	29.3	29.9
13	30.6	29.6	30.0	31.1	29.0	30.0	29.7	27.3	28.3	30.4	28.7	29.5
14	29.8	28.4	28.9	31.2	29.6	30.3	28.2	26.1	27.1	30.4	28.8	29.5
15	29.8	27.8	28.7	31.7	29.7	30.6	28.0	25.8	26.9	29.7	28.2	28.8
16	30.4	28.4	29.4	31.4	30.2	30.8	28.7	26.0	27.2	29.4	27.0	28.2
17	30.7	28.9	29.7	31.1	29.8	30.5	29.4	27.2	28.2	29.8	28.0	28.9
18	31.3	29.6	30.4	30.5	28.9	29.7	30.2	27.9	28.9	30.4	29.0	29.6
19	31.3	30.0	30.7	30.6	28.6	29.6	31.1	28.7	29.8	30.0	28.8	29.4
20	31.5	29.8	30.5	31.0	28.9	29.8	31.5	29.5	30.4	29.3	28.2	28.7
21	30.6	29.6	30.0	30.8	29.4	30.1	31.5	29.8	30.5	28.4	27.4	27.9
22	30.9	28.8	29.7	31.6	29.7	30.5	31.8	30.0	30.7	27.4	26.0	26.9
23	30.8	29.2	30.0	31.9	30.4	31.1	32.4	30.6	31.3	26.1	25.2	25.7
24	30.3	29.4	29.7	32.4	30.2	31.2	32.2	30.6	31.3	26.1	25.0	25.5
25	29.4	27.7	28.4	32.3	31.0	31.5	31.6	30.6	31.0	27.1	25.4	26.1
26	27.7	26.9	27.1	31.8	29.7	30.6	32.9	30.1	31.2	27.5	25.8	26.5
27	29.0	26.8	27.7	31.2	29.2	30.2	32.1	30.6	31.2	27.8	25.8	26.7
28	29.7	28.2	28.9	31.7	29.4	30.5	31.1	29.7	30.4	27.8	25.8	26.8
29	29.6	28.5	29.0	32.2	30.5	31.3	30.6	29.3	30.0	27.8	25.5	26.6
30	30.1	28.4	29.1	31.9	31.0	31.5	30.1	28.5	29.3	28.2	26.1	27.1
31	---	---	---	31.9	30.6	31.2	30.5	28.2	29.2	---	---	---
MONTH	31.5	26.8	29.4	32.4	26.9	30.1	32.9	25.8	30.2	32.7	25.0	28.6

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA

LOCATION.--Lat 29° 28'00", long 90° 06'00", T. 19 S., R. 22 E., Jefferson Parish, Hydrologic Unit 08090301, located on a 4 ft x 4 ft platform, east of Galliano.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4.37 ft below NAVD 88.

REMARKS.--Stage affected by tide. Satellite telemetry at station. Data for the period Aug. 24, 2001 to Sept. 30, 2001 available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.78 ft, Sept. 26, 2002; minimum gage height, 3.57 ft, Jan. 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.68 ft, Sept. 23; minimum gage height, 3.74 ft, Feb. 16.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.82	5.18	5.53	6.01	5.41	5.71	4.98	4.62	4.80	5.39	4.87	5.12
2	5.92	5.03	5.47	5.95	5.40	5.69	4.97	4.64	4.77	5.44	4.80	5.11
3	5.85	5.15	5.51	5.74	5.44	5.61	5.41	4.97	5.16	5.50	4.77	5.12
4	5.95	5.28	5.60	5.81	5.58	5.69	5.59	4.97	5.26	5.65	4.84	5.21
5	5.87	5.22	5.57	5.75	5.55	5.65	5.53	4.73	5.02	5.65	4.94	5.17
6	5.82	5.26	5.57	5.75	5.41	5.53	4.99	4.27	4.61	5.16	4.21	4.62
7	5.93	5.36	5.73	5.64	5.09	5.36	5.12	4.18	4.56	4.99	4.16	4.54
8	5.85	5.59	5.73	5.69	5.10	5.39	5.32	4.48	4.85	5.17	4.37	4.76
9	5.97	5.63	5.83	5.67	4.99	5.30	5.92	4.83	5.24	5.31	4.55	4.89
10	6.53	5.97	6.26	5.76	5.17	5.44	5.83	4.63	5.05	4.88	4.08	4.43
11	6.40	5.77	5.97	5.85	5.12	5.49	5.27	4.48	4.86	4.87	4.23	4.55
12	6.06	5.57	5.81	5.89	5.18	5.52	5.41	4.67	5.05	4.86	4.37	4.63
13	6.13	5.61	5.86	5.86	4.96	5.38	5.57	5.21	5.40	4.90	4.49	4.71
14	6.12	5.45	5.77	5.60	5.03	5.33	5.58	4.69	5.08	5.01	4.74	4.87
15	5.79	5.24	5.48	5.84	5.13	5.49	5.43	4.88	5.19	5.09	4.73	4.89
16	5.87	5.20	5.52	5.90	5.28	5.60	5.61	4.78	5.24	5.43	4.56	4.96
17	5.79	5.18	5.49	5.94	5.45	5.72	4.78	4.09	4.37	5.97	4.90	5.44
18	5.62	5.01	5.33	6.56	5.76	6.09	4.80	4.43	4.58	5.90	5.17	5.47
19	5.75	5.18	5.48	5.77	4.78	5.15	4.73	4.05	4.38	5.40	4.52	4.99
20	5.85	5.20	5.54	5.41	4.81	5.08	5.02	4.07	4.49	5.18	4.18	4.69
21	5.74	5.24	5.49	5.46	4.99	5.21	5.25	4.25	4.68	5.18	4.22	4.68
22	5.31	4.99	5.20	5.69	4.82	5.17	5.46	4.39	4.87	5.15	4.21	4.63
23	5.46	5.06	5.32	6.20	5.07	5.47	5.50	4.63	5.09	5.12	4.27	4.67
24	5.68	5.24	5.44	6.20	4.65	5.22	5.28	4.21	4.65	5.07	4.33	4.71
25	5.90	5.25	5.53	5.62	4.63	5.06	5.29	4.47	4.86	5.53	4.95	5.26
26	5.94	5.14	5.54	5.80	4.86	5.35	5.27	4.47	4.84	5.60	5.11	5.36
27	5.81	4.90	5.30	6.08	5.35	5.74	5.25	4.64	4.95	5.33	4.28	4.67
28	5.74	4.94	5.34	6.30	4.47	5.26	5.41	4.84	5.14	4.60	3.97	4.27
29	5.80	5.01	5.42	5.10	4.46	4.77	5.73	5.06	5.49	4.88	4.09	4.44
30	6.06	5.21	5.63	5.15	4.51	4.81	5.27	4.78	5.00	5.09	4.05	4.73
31	5.88	5.17	5.52	---	---	---	5.30	4.96	5.13	5.53	4.58	4.96
MONTH	6.53	4.90	5.57	6.56	4.46	5.41	5.92	4.05	4.92	5.97	3.97	4.86

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	5.66	4.98	5.27	5.71	4.98	5.30	5.11	4.50	4.82	5.92	5.40	5.58
2	5.61	4.82	5.20	5.67	5.08	5.38	5.13	4.60	4.84	5.65	5.08	5.37
3	5.65	4.39	5.01	5.75	5.04	5.34	5.13	4.69	4.83	5.38	4.81	5.08
4	5.46	4.48	4.92	5.93	5.28	5.55	4.97	4.71	4.82	5.25	4.73	5.01
5	5.84	5.15	5.45	5.98	5.35	5.66	5.16	4.78	4.99	5.42	4.70	5.13
6	6.16	5.03	5.45	5.99	5.37	5.58	5.37	4.78	5.17	5.54	4.79	5.19
7	5.23	4.13	4.60	5.54	4.82	5.10	5.65	5.00	5.39	5.50	4.84	5.22
8	4.58	4.08	4.33	4.95	4.43	4.65	5.62	4.89	5.22	5.63	4.83	5.21
9	4.78	4.20	4.52	4.79	4.29	4.57	5.56	4.71	5.14	5.69	4.84	5.28
10	4.88	4.60	4.72	4.68	4.08	4.36	5.49	4.75	5.14	5.93	5.11	5.52
11	5.28	4.85	5.05	4.83	4.18	4.54	6.08	4.90	5.44	6.15	5.38	5.72
12	5.13	4.80	5.04	5.03	4.21	4.62	5.91	5.32	5.57	6.43	5.80	6.01
13	4.97	4.39	4.66	5.24	4.36	4.79	5.52	4.17	4.68	6.26	5.92	6.05
14	5.27	4.44	4.78	5.41	4.51	4.95	4.57	3.83	4.20	6.28	5.83	6.09
15	4.76	4.01	4.39	5.51	4.63	5.04	4.59	3.89	4.22	6.47	5.94	6.22
16	4.76	3.74	4.22	5.47	4.75	5.11	4.75	4.25	4.45	6.22	5.75	6.00
17	4.85	3.82	4.34	5.50	4.82	5.13	4.92	4.43	4.69	6.23	5.73	5.97
18	4.81	3.75	4.30	5.51	4.92	5.21	4.92	4.59	4.79	6.34	5.68	6.00
19	5.07	4.09	4.52	5.51	4.93	5.15	5.23	4.64	4.94	6.46	5.66	5.95
20	5.29	4.55	4.89	5.38	4.99	5.14	5.26	4.70	5.00	6.08	5.55	5.85
21	5.33	4.68	5.00	5.26	4.70	4.97	5.57	4.82	5.27	5.88	5.42	5.66
22	5.39	4.97	5.14	4.84	4.55	4.67	5.81	5.13	5.49	5.98	5.31	5.68
23	5.76	5.16	5.49	5.37	4.64	5.11	5.76	5.20	5.49	6.10	5.55	5.87
24	6.03	5.67	5.86	5.50	4.95	5.25	5.88	5.19	5.52	6.11	5.75	5.91
25	5.72	5.38	5.61	5.78	5.24	5.53	5.83	5.17	5.50	6.16	5.57	5.79
26	5.38	4.75	5.07	5.74	5.17	5.43	5.73	5.26	5.44	5.87	5.35	5.58
27	4.96	4.48	4.71	5.68	5.06	5.38	5.41	4.87	5.11	5.61	5.31	5.49
28	5.14	4.34	4.73	5.72	5.24	5.49	5.75	4.90	5.19	5.73	5.37	5.51
29	5.43	4.72	5.05	5.77	5.15	5.42	5.75	5.20	5.42	5.63	5.34	5.51
30	---	---	---	5.57	4.90	5.25	5.87	5.52	5.74	6.12	5.60	5.92
31	---	---	---	5.36	4.69	4.94	---	---	---	6.24	5.56	5.96
MONTH	6.16	3.74	4.91	5.99	4.08	5.12	6.08	3.83	5.08	6.47	4.70	5.66
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.16	5.36	5.81	5.97	5.19	5.60	5.97	5.21	5.60	5.29	5.09	5.18
2	6.27	5.36	5.80	5.96	5.14	5.57	5.75	5.15	5.45	5.35	5.00	5.20
3	6.09	5.35	5.67	5.96	5.13	5.56	5.63	5.14	5.36	5.47	5.12	5.31
4	5.91	5.17	5.50	5.88	5.18	5.53	5.42	5.07	5.25	5.69	5.14	5.41
5	5.79	4.99	5.39	5.86	5.18	5.54	5.18	4.94	5.04	5.67	5.07	5.37
6	5.81	4.96	5.36	5.66	5.22	5.42	5.06	4.69	4.91	5.49	4.75	5.16
7	5.77	5.09	5.44	---	---	---	5.13	4.75	4.95	5.20	4.45	4.85
8	5.75	5.17	5.47	---	---	---	5.64	5.06	5.35	5.07	4.48	4.79
9	5.72	5.28	5.50	---	---	---	5.85	5.15	5.49	5.37	4.68	5.07
10	5.68	5.43	5.53	---	---	---	5.75	5.04	5.42	5.30	4.76	5.05
11	5.60	5.29	5.47	---	---	---	5.74	5.09	5.42	5.56	4.84	5.26
12	5.67	5.24	5.45	---	---	---	5.79	4.87	5.43	5.82	5.12	5.54
13	5.76	5.35	5.59	---	---	---	5.32	4.60	4.98	5.84	5.46	5.65
14	6.00	5.47	5.76	---	---	---	5.30	4.60	4.96	6.26	5.67	6.01
15	6.05	5.43	5.75	---	---	---	5.34	4.54	4.99	6.65	5.19	6.22
16	6.17	5.38	5.82	---	---	---	5.44	4.72	5.05	5.99	5.16	5.72
17	6.09	5.40	5.74	---	---	---	5.44	4.73	5.07	5.99	5.54	5.74
18	5.97	5.31	5.62	---	---	---	5.40	4.89	5.19	6.00	5.29	5.62
19	5.86	5.19	5.46	---	---	---	5.43	5.12	5.32	6.04	5.35	5.67
20	5.75	5.07	5.39	---	---	---	5.45	5.19	5.32	6.13	5.48	5.81
21	5.70	4.99	5.36	5.56	4.93	5.21	5.42	4.96	5.19	6.26	5.70	5.99
22	5.76	5.12	5.46	5.27	4.93	5.10	5.44	4.90	5.17	6.46	5.78	6.14
23	5.76	5.17	5.49	5.14	4.92	5.02	5.52	4.87	5.19	6.68	5.96	6.36
24	5.86	5.27	5.55	5.26	4.92	5.09	5.59	4.85	5.22	6.49	5.73	6.15
25	5.80	5.34	5.57	5.29	4.79	5.06	5.62	4.81	5.23	6.15	5.56	5.85
26	5.58	5.19	5.37	5.43	4.71	5.09	5.57	4.82	5.21	5.82	5.42	5.63
27	5.66	5.15	5.42	5.47	4.70	5.10	5.63	4.84	5.28	5.67	5.32	5.46
28	5.73	5.16	5.46	5.47	4.72	5.10	5.64	4.93	5.32	5.35	4.98	5.13
29	5.81	5.14	5.48	5.65	4.74	5.24	5.71	4.96	5.30	5.41	4.89	5.12
30	5.89	5.14	5.55	5.74	4.83	5.35	5.57	4.98	5.27	5.45	4.81	5.15
31	---	---	---	5.90	5.02	5.53	5.45	5.00	5.19	---	---	---
MONTH	6.27	4.96	5.54	---	---	---	5.97	4.54	5.23	6.68	4.45	5.52

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 2001 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: August 2001 to current year.

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

REMARKS.--Stage affected by wind and tide.

SPECIFIC CONDUCTANCE: Record excellent except for Nov. 24-Dec. 2, Jan. 8-Feb. 18, Feb. 20-22, Aug. 1-24, and Sept. 6-30 when records good; Feb. 23-24 when records fair; Feb. 25-29 when records poor.

SALINITY: Record excellent except for Nov. 24-Dec. 2, Jan. 8-Feb. 18, Feb. 20-22, Aug. 1-24, and Sept. 6-30 when records good; Feb. 23-24 when records fair; Feb. 25-29 when records poor.

WATER TEMPERATURE: Record rated good. Data for the period Aug. 24, 2001 to Sept. 30, 2001 available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,700 microsiemens/cm, Oct. 13, 2001; minimum, 326 microsiemens/cm, Aug. 7, 2004.

SALINITY: Maximum, 23.4 ppt, Oct. 3, 2002; Minimum, 0.2 ppt, on many days.

WATER TEMPERATURE: Maximum, 33.4°C, July 17, 2002; minimum, 4.0°C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 35,900 microsiemens/cm, Sept. 24; minimum, 326 microsiemens/cm, Aug. 7.

SALINITY: Maximum, 22.6 ppt, Sept. 24; minimum, 0.2 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.9°C, Aug. 4; minimum, 8.6°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14,400	11,300	13,400	24,200	18,200	19,900	7,980	6,730	7,440	10,700	9,510	10,100
2	13,900	11,500	12,900	25,400	21,000	22,200	7,590	6,020	6,970	10,300	8,620	9,420
3	15,200	12,200	13,900	22,100	17,600	21,200	12,900	6,820	7,950	10,400	8,380	9,280
4	17,700	13,800	15,700	21,100	17,000	19,800	12,900	8,540	10,100	10,400	6,130	8,610
5	17,800	14,800	15,900	20,000	16,300	17,600	9,580	4,900	7,030	13,900	4,980	7,930
6	16,100	14,600	15,400	20,000	13,400	15,600	6,100	3,080	4,230	4,980	2,330	3,620
7	19,700	14,900	16,900	14,400	12,600	13,600	4,990	3,270	3,910	4,040	3,040	3,410
8	19,900	17,000	18,400	13,600	12,000	12,800	7,040	3,640	4,770	4,110	3,130	3,320
9	23,100	17,900	19,900	13,900	11,900	12,800	15,100	7,040	10,300	6,310	4,110	4,980
10	27,000	20,500	23,200	17,600	12,200	14,300	16,900	8,000	10,400	4,320	2,710	3,420
11	27,000	19,300	23,800	22,400	16,500	19,500	8,950	3,470	5,390	2,710	2,080	2,360
12	21,200	16,600	19,000	23,700	13,900	18,800	12,200	5,590	7,930	2,720	2,230	2,440
13	19,700	16,500	18,100	21,600	11,800	15,300	15,700	8,980	10,700	3,770	2,720	3,340
14	18,300	14,300	16,600	15,300	13,300	14,400	9,540	4,170	6,300	5,360	3,770	4,600
15	14,800	11,800	13,900	24,600	15,300	20,400	7,610	4,430	6,090	6,950	4,670	5,290
16	13,600	11,200	12,600	27,100	18,300	22,500	12,800	6,520	8,540	9,770	6,300	6,990
17	13,600	10,700	12,500	29,100	21,300	25,000	6,750	2,370	3,130	13,900	9,770	12,700
18	11,000	8,070	9,790	35,600	25,300	31,300	3,300	1,920	2,340	14,200	11,900	13,400
19	11,800	8,610	9,800	31,300	15,100	22,500	2,620	1,910	2,210	11,900	7,600	9,590
20	14,600	9,830	12,400	18,000	13,800	15,200	3,340	1,830	2,350	7,600	4,150	5,390
21	12,400	9,820	11,100	19,700	15,700	17,400	7,830	2,960	5,010	4,360	3,200	3,660
22	10,100	7,610	8,570	20,200	15,900	17,500	11,900	6,620	9,300	3,470	2,710	3,110
23	9,540	7,610	8,400	23,100	18,400	21,300	18,100	10,300	12,700	2,990	2,580	2,770
24	16,300	8,030	10,800	21,500	9,380	15,700	10,500	4,720	7,480	3,540	2,710	3,010
25	19,800	12,900	16,200	15,800	9,900	11,900	10,900	4,450	6,870	10,300	3,540	7,250
26	22,500	14,100	18,300	23,700	15,800	19,800	10,300	6,590	7,970	13,000	7,940	11,200
27	15,800	11,100	12,700	30,700	20,800	24,600	12,600	7,750	9,580	8,340	1,910	5,550
28	12,700	8,960	11,200	24,300	8,340	17,200	15,800	9,810	12,600	1,930	1,420	1,730
29	18,300	10,100	14,200	10,900	5,870	8,080	20,800	12,600	16,600	2,260	1,630	1,820
30	24,000	13,400	18,600	9,560	7,360	7,890	13,900	11,500	12,700	3,010	1,930	2,400
31	22,300	17,100	18,800	---	---	---	11,600	9,890	10,600	3,330	1,800	2,540
MONTH	27,000	7,610	14,900	35,600	5,870	17,900	20,800	1,830	7,730	14,200	1,420	5,650

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	5,940	2,890	4,080	---	---	---	---	---	---	6,950	3,820	5,430
2	6,590	4,760	5,620	---	---	---	---	---	---	4,300	634	1,980
3	5,860	3,900	4,680	---	---	---	---	---	---	1,250	634	775
4	4,420	3,370	3,750	---	---	---	---	---	---	1,120	701	815
5	11,000	4,420	7,750	---	---	---	---	---	---	967	734	826
6	12,400	6,450	9,970	---	---	---	---	---	---	1,240	768	900
7	6,450	1,060	2,890	---	---	---	---	---	---	1,140	766	890
8	1,550	957	1,120	---	---	---	11,100	7,070	8,680	1,050	746	853
9	1,410	930	1,110	---	---	---	8,600	5,320	6,800	1,720	728	925
10	1,600	969	1,260	---	---	---	8,000	5,080	6,560	4,870	864	1,950
11	2,640	1,130	1,870	---	---	---	11,000	5,670	7,040	8,120	3,180	5,430
12	2,210	778	1,490	---	---	---	12,600	5,340	8,210	13,400	8,050	10,500
13	1,300	778	1,080	---	---	---	5,340	802	2,120	14,600	12,300	13,500
14	1,200	917	1,100	---	---	---	888	599	714	16,800	13,800	14,900
15	917	780	830	---	---	---	751	539	598	17,800	11,800	16,200
16	780	685	718	---	---	---	1,070	601	730	11,800	7,650	9,070
17	703	643	680	---	---	---	2,070	1,070	1,580	9,280	5,000	6,990
18	694	565	606	---	---	---	4,270	2,070	3,300	7,490	5,040	5,910
19	901	604	677	---	---	---	6,510	4,170	5,400	5,940	3,290	4,430
20	1,870	748	1,050	---	---	---	8,510	6,180	7,150	5,120	2,710	3,680
21	3,220	963	1,830	---	---	---	13,200	8,320	10,100	3,140	2,300	2,720
22	8,900	2,660	4,940	---	---	---	17,600	12,900	15,100	2,300	1,990	2,160
23	16,800	5,860	10,800	---	---	---	20,400	17,600	18,900	2,060	1,740	1,900
24	19,800	16,800	18,300	---	---	---	22,400	20,000	20,900	2,640	1,670	2,080
25	19,000	9,700	13,600	---	---	---	23,100	22,000	22,600	2,460	1,530	2,040
26	10,100	1,240	4,080	---	---	---	22,600	15,700	19,200	1,710	1,180	1,430
27	2,910	1,360	2,200	---	---	---	17,300	7,530	12,200	1,630	858	1,170
28	3,000	2,160	2,500	---	---	---	12,900	5,950	8,790	1,280	796	1,060
29	3,670	2,360	3,300	---	---	---	15,600	12,400	14,100	1,230	789	968
30	---	---	---	---	---	---	15,500	5,570	12,100	11,600	1,160	4,920
31	---	---	---	---	---	---	---	---	---	12,300	8,210	10,600
MONTH	19,800	565	3,930	---	---	---	---	---	---	17,800	634	4,420
JUNE				JULY			AUGUST			SEPTEMBER		
1	9,460	6,620	8,200	464	382	415	11,100	4,360	6,330	8,060	6,700	7,300
2	9,480	4,890	6,830	445	372	403	7,200	3,180	4,410	9,140	6,700	7,770
3	5,020	2,580	4,300	494	376	408	4,400	2,370	3,140	12,900	8,640	10,800
4	3,100	1,280	2,230	444	369	406	2,370	1,280	1,780	16,900	11,600	14,200
5	1,550	543	1,010	459	376	405	1,330	519	910	15,600	10,400	13,200
6	861	543	660	443	384	407	807	333	486	12,900	5,000	9,340
7	752	583	657	---	---	---	664	326	446	6,440	1,680	4,020
8	847	545	688	---	---	---	3,200	638	1,850	3,410	1,570	2,330
9	1,020	650	819	---	---	---	7,410	1,500	4,580	8,530	1,990	4,630
10	930	737	820	---	---	---	6,380	3,160	4,970	7,900	3,700	6,240
11	832	643	717	---	---	---	7,250	3,300	4,760	14,900	4,880	8,480
12	784	573	701	---	---	---	5,160	2,620	3,730	21,100	9,060	15,800
13	804	621	705	---	---	---	3,110	980	2,390	24,700	17,500	20,500
14	1,230	703	977	---	---	---	2,410	410	1,160	32,500	23,300	26,800
15	1,240	675	867	---	---	---	1,540	493	1,010	31,400	16,400	27,100
16	2,440	680	1,560	---	---	---	4,570	610	1,930	27,900	11,200	19,800
17	2,470	1,060	1,630	---	---	---	5,630	1,630	2,950	29,600	22,000	26,000
18	1,200	707	954	---	---	---	8,040	3,440	5,210	31,800	19,400	26,400
19	936	569	712	---	---	---	12,900	5,890	9,000	29,400	22,700	24,800
20	669	485	568	---	---	---	13,700	10,200	11,700	30,900	24,800	27,000
21	574	456	516	384	352	363	13,400	5,680	8,910	31,700	27,600	30,000
22	587	436	504	401	339	362	7,160	4,780	5,940	32,700	31,000	31,800
23	590	438	495	377	335	350	10,500	4,730	6,540	33,900	31,000	32,700
24	747	447	546	413	358	385	13,800	4,970	8,480	35,900	32,800	34,300
25	697	517	571	415	367	391	16,400	6,380	10,800	34,700	33,100	34,200
26	557	370	447	408	364	383	14,800	7,670	11,000	33,800	27,600	30,100
27	505	368	416	437	355	380	16,800	9,220	12,100	31,300	25,600	28,300
28	451	363	393	528	354	405	16,000	9,730	12,700	25,600	19,000	22,100
29	465	370	389	1,360	361	636	13,800	9,920	11,900	21,000	17,200	19,100
30	440	373	396	4,630	384	1,510	12,200	7,830	9,740	21,600	17,600	19,800
31	---	---	---	8,750	1,190	3,990	9,330	7,420	8,040	---	---	---
MONTH	9,480	363	1,340	---	---	---	16,800	326	5,770	35,900	1,570	19,500

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.3	6.4	7.7	14.7	10.7	11.8	4.4	3.7	4.1	6.1	5.3	5.7
2	8.0	6.5	7.4	15.5	12.6	13.4	4.2	3.3	3.8	5.8	4.8	5.3
3	8.9	7.0	8.0	13.3	10.4	12.7	7.4	3.7	4.4	5.9	4.6	5.2
4	10.4	7.9	9.2	12.6	10.0	11.8	7.4	4.7	5.7	5.9	3.3	4.8
5	10.5	8.6	9.3	11.9	9.5	10.4	5.4	2.6	3.9	8.0	2.7	4.4
6	9.4	8.5	9.0	11.9	7.7	9.1	3.3	1.6	2.2	2.7	1.2	1.9
7	11.7	8.7	10	8.3	7.2	7.8	2.7	1.7	2.1	2.1	1.6	1.8
8	11.8	10.0	10.9	7.8	6.8	7.4	3.9	1.9	2.5	2.2	1.6	1.7
9	13.9	10.5	11.9	8.0	6.8	7.3	8.8	3.9	5.8	3.4	2.2	2.7
10	16.5	12.2	14.0	10.4	7.0	8.3	9.9	4.4	5.9	2.3	1.4	1.8
11	16.5	11.5	14.4	13.5	9.7	11.6	5.0	1.8	2.9	1.4	1.1	1.2
12	12.7	9.7	11.2	14.4	8.0	11.1	7.0	3.0	4.4	1.4	1.1	1.2
13	11.7	9.7	10.7	13.0	6.7	8.9	9.1	5.0	6.1	2.0	1.4	1.7
14	10.8	8.3	9.7	8.9	7.6	8.3	5.3	2.2	3.4	2.9	2.0	2.5
15	8.6	6.7	8.0	14.9	8.9	12.2	4.2	2.4	3.3	3.8	2.5	2.8
16	7.8	6.3	7.2	16.6	10.8	13.5	7.4	3.6	4.8	5.5	3.4	3.8
17	7.8	6.1	7.1	17.9	12.8	15.2	3.7	1.2	1.6	8.0	5.5	7.3
18	6.2	4.5	5.5	22.4	15.4	19.4	1.7	1.0	1.2	8.2	6.8	7.7
19	6.7	4.8	5.5	19.4	8.8	13.6	1.3	1.0	1.1	6.8	4.2	5.4
20	8.5	5.5	7.1	10.6	7.9	8.8	1.7	0.9	1.2	4.2	2.2	2.9
21	7.1	5.5	6.3	11.7	9.1	10.2	4.3	1.5	2.7	2.3	1.7	1.9
22	5.7	4.2	4.8	12.0	9.3	10.3	6.8	3.6	5.2	1.8	1.4	1.6
23	5.3	4.2	4.7	13.9	10.9	12.7	10.7	5.8	7.3	1.6	1.3	1.4
24	9.5	4.4	6.1	12.9	5.2	9.2	6.0	2.5	4.1	1.9	1.4	1.6
25	11.8	7.4	9.5	9.2	5.6	6.8	6.2	2.4	3.8	5.8	1.9	4.0
26	13.5	8.1	10.8	14.4	9.2	11.8	5.8	3.6	4.4	7.5	4.4	6.3
27	9.2	6.3	7.3	19.0	12.4	14.9	7.2	4.3	5.4	4.6	1.0	3.0
28	7.3	5.0	6.3	14.7	4.6	10.2	9.2	5.5	7.2	1.0	0.7	0.9
29	10.8	5.7	8.2	6.2	3.2	4.5	12.4	7.2	9.8	1.2	0.8	0.9
30	14.5	7.7	11.0	5.4	4.0	4.4	8.0	6.5	7.3	1.6	1.0	1.2
31	13.4	10.1	11.1	---	---	---	6.6	5.6	6.0	1.7	0.9	1.3
MONTH	16.5	4.2	8.7	22.4	3.2	10.6	12.4	0.9	4.3	8.2	0.7	3.1
FEBRUARY			MARCH			APRIL			MAY			
1	3.2	1.5	2.2	---	---	---	---	---	---	3.8	2.0	2.9
2	3.6	2.5	3.0	---	---	---	---	---	---	2.3	0.3	1.0
3	3.2	2.1	2.5	---	---	---	---	---	---	0.6	0.3	0.4
4	2.4	1.8	2.0	---	---	---	---	---	---	0.6	0.3	0.4
5	6.2	2.4	4.3	---	---	---	---	---	---	0.5	0.4	0.4
6	7.1	3.5	5.6	---	---	---	---	---	---	0.6	0.4	0.4
7	3.5	0.5	1.5	---	---	---	---	---	---	0.6	0.4	0.4
8	0.8	0.5	0.6	---	---	---	6.3	3.9	4.8	0.5	0.4	0.4
9	0.7	0.5	0.5	---	---	---	4.8	2.9	3.7	0.9	0.4	0.5
10	0.8	0.5	0.6	---	---	---	4.4	2.7	3.6	2.6	0.4	1.0
11	1.4	0.6	0.9	---	---	---	6.2	3.1	3.9	4.5	1.7	2.9
12	1.1	0.4	0.7	---	---	---	7.2	2.9	4.6	7.7	4.5	5.9
13	0.6	0.4	0.5	---	---	---	2.9	0.4	1.1	8.5	7.0	7.8
14	0.6	0.5	0.5	---	---	---	0.4	0.3	0.4	9.9	7.9	8.7
15	0.5	0.4	0.4	---	---	---	0.4	0.3	0.3	10.5	6.7	9.5
16	0.4	0.3	0.4	---	---	---	0.5	0.3	0.4	6.7	4.2	5.1
17	0.3	0.3	0.3	---	---	---	1.1	0.5	0.8	5.2	2.7	3.8
18	0.3	0.3	0.3	---	---	---	2.3	1.1	1.7	4.1	2.7	3.2
19	0.4	0.3	0.3	---	---	---	3.5	2.2	2.9	3.2	1.7	2.4
20	0.9	0.4	0.5	---	---	---	4.7	3.4	3.9	2.7	1.4	1.9
21	1.7	0.5	0.9	---	---	---	7.6	4.6	5.7	1.6	1.2	1.4
22	5.0	1.4	2.7	---	---	---	10.4	7.4	8.8	1.2	1.0	1.1
23	9.9	3.2	6.1	---	---	---	12.1	10.4	11.2	1.0	0.9	1.0
24	11.8	9.9	10.8	---	---	---	13.5	11.9	12.5	1.4	0.8	1.1
25	11.3	5.4	7.9	---	---	---	13.9	13.2	13.6	1.3	0.8	1.0
26	5.7	0.6	2.2	---	---	---	13.6	9.1	11.4	0.9	0.6	0.7
27	1.5	0.7	1.1	---	---	---	10.2	4.1	7.0	0.8	0.4	0.6
28	1.6	1.1	1.3	---	---	---	7.4	3.2	4.9	0.6	0.4	0.5
29	1.9	1.2	1.7	---	---	---	9.1	7.1	8.1	0.6	0.4	0.5
30	---	---	---	---	---	---	9.0	3.0	7.0	6.6	0.6	2.7
31	---	---	---	---	---	---	---	---	---	7.0	4.5	6.0
MONTH	11.8	0.3	2.1	---	---	---	---	---	---	10.5	0.3	2.4

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.3	3.6	4.5	0.2	0.2	0.2	6.3	2.3	3.5	4.5	3.7	4.0
2	5.3	2.6	3.7	0.2	0.2	0.2	4.0	1.7	2.3	5.1	3.7	4.3
3	2.7	1.3	2.3	0.2	0.2	0.2	2.3	1.2	1.6	7.4	4.8	6.1
4	1.6	0.6	1.1	0.2	0.2	0.2	1.2	0.6	0.9	9.9	6.6	8.2
5	0.8	0.3	0.5	0.2	0.2	0.2	0.7	0.3	0.4	9.1	5.9	7.6
6	0.4	0.3	0.3	0.2	0.2	0.2	0.4	0.2	0.2	7.4	2.7	5.2
7	0.4	0.3	0.3	---	---	---	0.3	0.2	0.2	3.5	0.8	2.1
8	0.4	0.3	0.3	---	---	---	1.7	0.3	0.9	1.8	0.8	1.2
9	0.5	0.3	0.4	---	---	---	4.1	0.8	2.4	4.7	1.0	2.5
10	0.5	0.4	0.4	---	---	---	3.5	1.6	2.7	4.4	1.9	3.4
11	0.4	0.3	0.4	---	---	---	4.0	1.7	2.5	8.7	2.6	4.7
12	0.4	0.3	0.3	---	---	---	2.8	1.3	2.0	12.6	5.1	9.2
13	0.4	0.3	0.3	---	---	---	1.6	0.5	1.2	15.0	10.3	12.2
14	0.6	0.3	0.5	---	---	---	1.2	0.2	0.6	20.3	14.1	16.4
15	0.6	0.3	0.4	---	---	---	0.8	0.2	0.5	19.5	9.6	16.6
16	1.3	0.3	0.8	---	---	---	2.4	0.3	1.0	17.2	6.3	11.9
17	1.3	0.5	0.8	---	---	---	3.0	0.8	1.5	18.3	13.2	15.9
18	0.6	0.3	0.5	---	---	---	4.4	1.8	2.8	19.8	11.5	16.2
19	0.5	0.3	0.3	---	---	---	7.4	3.2	5.0	18.1	13.7	15.1
20	0.3	0.2	0.3	---	---	---	7.9	5.8	6.7	19.2	15.0	16.5
21	0.3	0.2	0.3	0.2	0.2	0.2	7.7	3.1	5.0	19.7	16.9	18.6
22	0.3	0.2	0.2	0.2	0.2	0.2	3.9	2.6	3.2	20.4	19.2	19.8
23	0.3	0.2	0.2	0.2	0.2	0.2	6.0	2.5	3.6	21.2	19.2	20.4
24	0.4	0.2	0.3	0.2	0.2	0.2	7.9	2.7	4.7	22.6	20.5	21.5
25	0.3	0.3	0.3	0.2	0.2	0.2	9.6	3.5	6.1	21.8	20.7	21.4
26	0.3	0.2	0.2	0.2	0.2	0.2	8.6	4.2	6.2	21.2	16.9	18.6
27	0.2	0.2	0.2	0.2	0.2	0.2	9.9	5.2	6.9	19.4	15.6	17.4
28	0.2	0.2	0.2	0.3	0.2	0.2	9.3	5.5	7.3	15.6	11.3	13.3
29	0.2	0.2	0.2	0.7	0.2	0.3	7.9	5.6	6.8	12.6	10.1	11.3
30	0.2	0.2	0.2	2.5	0.2	0.8	7.0	4.3	5.5	13.0	10.4	11.8
31	---	---	---	4.9	0.6	2.1	5.2	4.1	4.4	---	---	---
MONTH	5.3	0.2	0.7	---	---	---	9.9	0.2	3.2	22.6	0.8	11.8

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.2	20.7	21.5	24.0	22.7	23.3	14.7	12.9	13.7	15.7	13.8	14.8
2	21.5	20.3	21.0	24.5	23.1	23.8	14.9	13.5	14.2	16.6	14.9	15.7
3	21.3	19.6	20.4	24.6	23.3	23.9	15.6	14.0	14.6	17.7	15.9	16.8
4	22.1	20.8	21.4	24.6	23.3	24.1	17.1	15.1	15.9	19.2	17.3	18.1
5	23.3	21.9	22.6	25.6	23.9	24.6	16.3	13.6	14.9	19.2	16.4	18.4
6	24.6	22.7	23.8	25.7	24.2	24.9	13.6	10.6	12.0	16.4	11.6	13.8
7	26.0	23.8	24.8	24.7	23.8	24.3	11.5	10.3	11.0	11.6	9.4	10.1
8	26.4	25.0	25.6	24.1	22.9	23.5	12.7	10.8	11.7	9.8	9.2	9.5
9	26.5	25.1	25.8	23.2	22.0	22.6	14.5	12.3	13.3	11.3	9.7	10.4
10	26.4	25.4	25.7	22.9	21.9	22.3	14.2	11.9	13.0	10.4	9.2	9.8
11	25.9	25.1	25.5	23.9	22.0	22.6	12.5	10.8	11.6	10.6	8.6	9.5
12	25.6	24.3	25.0	24.9	23.2	23.8	13.2	11.5	12.1	11.6	9.7	10.4
13	25.8	24.8	25.2	24.1	20.3	22.8	13.1	12.5	12.8	12.3	10.6	11.3
14	26.4	25.0	25.5	20.3	17.8	18.7	12.6	11.4	11.9	14.3	11.8	12.9
15	25.1	22.4	23.4	19.5	17.8	18.5	12.8	11.1	11.9	15.7	13.2	14.1
16	23.2	21.7	22.5	20.7	19.2	19.7	14.0	12.0	13.0	15.0	13.7	14.3
17	24.4	22.4	23.0	22.3	20.6	21.2	12.0	10.1	10.8	15.6	14.7	15.1
18	23.3	21.3	22.0	22.5	21.1	22.2	11.3	9.8	10.6	16.3	15.1	15.7
19	22.4	20.8	21.6	21.1	17.7	19.0	11.5	10.3	10.9	15.4	12.7	14.2
20	22.4	21.4	21.9	18.6	17.0	17.7	12.0	9.9	10.9	12.7	11.0	12.0
21	23.2	21.7	22.3	19.8	17.8	18.6	12.7	10.6	11.7	13.1	11.1	12.0
22	23.8	21.8	22.6	20.0	18.2	19.2	14.4	12.2	13.1	13.1	11.6	12.3
23	24.6	22.5	23.2	21.3	19.5	20.3	14.5	13.5	13.9	13.9	12.1	12.8
24	25.4	23.2	24.4	20.9	14.8	17.4	13.5	12.1	12.8	14.4	12.9	13.5
25	25.0	24.5	24.8	14.9	13.6	14.2	12.6	11.6	12.0	16.1	14.2	15.0
26	24.9	24.0	24.7	15.6	14.0	14.7	12.7	11.5	12.0	16.0	15.4	15.7
27	24.0	20.5	22.1	17.6	15.6	16.6	13.8	12.2	12.8	15.4	11.5	13.4
28	21.0	19.6	20.1	17.4	12.9	15.1	15.4	13.3	14.0	11.5	9.1	10.5
29	21.8	19.6	20.5	13.5	11.9	12.7	15.6	14.3	15.2	11.3	9.4	10.3
30	22.4	20.6	21.4	13.3	11.9	12.6	14.3	13.2	13.6	11.6	11.0	11.3
31	23.6	22.1	22.6	---	---	---	14.9	12.8	13.8	11.5	10.6	11.1
MONTH	26.5	19.6	23.1	25.7	11.9	20.2	17.1	9.8	12.8	19.2	8.6	13.1
FEBRUARY			MARCH			APRIL			MAY			
1	11.7	10.5	11.1	18.1	15.9	17.0	22.1	18.7	20.2	23.7	21.6	22.6
2	12.4	11.4	11.9	19.6	17.4	18.4	21.3	19.6	20.2	23.1	21.6	22.5
3	12.3	10.9	11.6	20.6	18.8	19.7	21.7	19.7	20.8	22.9	20.8	21.7
4	12.6	11.0	11.7	21.9	20.0	21.0	22.4	20.3	21.0	23.7	20.4	21.5
5	15.6	12.6	14.2	22.3	21.0	21.5	21.7	20.0	21.0	23.9	21.3	22.3
6	15.6	13.8	15.1	22.8	21.5	21.9	22.2	20.3	21.0	25.2	21.7	23.2
7	13.8	11.8	12.7	22.4	21.2	21.8	22.6	20.8	21.6	26.1	23.4	24.4
8	11.8	10.1	10.8	21.8	19.5	20.5	24.2	21.7	22.8	27.0	24.5	25.6
9	12.1	9.7	10.9	19.8	18.1	18.9	25.4	22.8	23.9	27.4	25.4	26.3
10	13.0	11.9	12.4	18.1	15.8	17.0	26.0	23.2	24.6	27.6	25.6	26.5
11	13.4	12.4	12.9	18.3	15.7	17.0	25.3	23.3	24.0	27.4	26.0	26.7
12	13.6	12.3	13.2	18.9	16.3	17.6	23.8	20.6	22.5	27.4	25.8	26.6
13	12.3	11.4	11.7	19.4	17.1	18.5	20.6	17.6	18.7	27.3	25.6	26.5
14	11.5	10.8	11.2	19.2	18.7	19.0	19.3	16.1	17.7	27.7	26.0	26.8
15	11.2	9.6	10.5	19.6	18.8	19.1	20.7	17.4	19.0	26.8	25.1	25.9
16	12.0	9.4	10.7	21.4	19.2	20.3	22.5	19.1	20.7	26.6	24.7	25.7
17	13.4	10.6	11.8	21.4	19.6	20.6	23.6	20.8	22.2	27.4	25.6	26.4
18	13.6	11.3	12.5	22.0	20.2	21.2	23.9	21.7	22.7	27.8	26.0	26.9
19	14.6	12.2	13.3	24.3	21.3	22.2	24.0	22.0	23.0	28.0	26.4	27.2
20	16.2	14.0	15.0	24.1	22.0	23.0	23.8	22.4	23.1	28.3	26.7	27.5
21	17.6	15.4	16.2	23.8	21.7	23.1	24.2	22.4	23.3	28.4	27.1	27.7
22	17.5	16.1	16.8	21.7	18.7	19.6	25.4	22.9	24.1	29.2	27.5	28.3
23	17.4	16.5	16.9	19.4	17.7	18.5	26.0	24.1	25.0	29.0	27.2	28.0
24	16.6	16.3	16.5	19.7	17.6	18.7	26.5	24.8	25.6	29.3	27.1	28.1
25	17.4	15.9	16.6	21.1	19.0	20.0	26.5	25.3	25.8	28.9	27.4	28.1
26	16.8	13.7	15.0	22.3	19.8	20.9	25.8	24.7	25.2	28.8	27.4	28.0
27	14.5	12.8	13.5	23.1	21.0	21.9	25.5	23.0	24.2	28.5	26.7	27.7
28	15.0	12.9	14.0	24.1	21.8	22.8	24.6	22.5	23.6	28.7	27.0	27.8
29	16.6	14.2	15.3	23.9	22.5	23.2	24.1	22.6	23.3	29.1	27.6	28.3
30	---	---	---	24.2	21.9	22.9	23.8	21.8	22.6	29.1	27.8	28.4
31	---	---	---	22.8	20.6	21.8	---	---	---	29.6	27.5	28.4
MONTH	17.6	9.4	13.3	24.3	15.7	20.3	26.5	16.1	22.4	29.6	20.4	26.2

292800090060000 LITTLE LAKE NEAR BAY DOS GRIS EAST OF GALLIANO, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.7	28.2	28.9	30.1	28.8	29.4	32.4	30.6	31.5	31.6	29.2	30.2
2	29.0	27.6	28.3	29.9	29.0	29.4	31.9	30.5	31.2	31.6	29.6	30.4
3	28.4	27.0	27.8	31.1	28.7	29.8	32.7	30.3	31.4	30.9	30.0	30.4
4	29.6	27.5	28.3	31.0	29.8	30.3	32.9	30.8	31.6	30.6	29.4	30.1
5	29.5	27.7	28.6	31.3	29.5	30.5	32.5	30.7	31.7	30.7	29.5	30.1
6	30.2	27.7	28.8	30.9	29.8	30.3	31.6	29.8	30.5	30.3	28.9	29.7
7	29.6	28.0	28.8	---	---	---	30.2	28.2	29.2	30.4	28.4	29.3
8	30.1	28.1	29.1	---	---	---	29.4	28.4	28.8	30.6	28.3	29.2
9	30.3	28.3	29.3	---	---	---	30.4	27.7	28.7	30.0	28.6	29.4
10	29.7	28.5	29.0	---	---	---	30.3	28.7	29.2	30.0	28.6	29.3
11	30.7	28.2	29.5	---	---	---	31.0	28.9	29.8	30.0	28.7	29.3
12	31.4	29.2	30.1	---	---	---	30.4	28.5	29.6	29.1	28.0	28.7
13	31.0	29.3	30.2	---	---	---	28.5	26.0	26.9	28.8	27.5	28.2
14	29.3	28.3	28.8	---	---	---	26.1	24.3	25.4	28.8	27.5	28.2
15	29.6	27.8	28.7	---	---	---	26.5	24.5	25.4	28.0	25.7	26.9
16	29.9	28.2	29.1	---	---	---	26.6	24.8	25.7	27.0	24.9	25.7
17	31.0	28.9	29.5	---	---	---	28.3	25.9	26.8	30.1	26.3	27.6
18	31.8	29.4	30.4	---	---	---	29.6	26.5	27.9	29.6	28.0	28.8
19	30.8	29.4	30.0	---	---	---	29.9	28.1	29.0	28.8	27.7	28.3
20	32.2	28.9	30.1	---	---	---	30.9	29.3	30.1	27.9	26.7	27.4
21	29.8	28.6	29.2	30.6	29.2	29.9	31.0	29.6	30.2	26.7	25.8	26.2
22	30.2	28.1	29.3	31.5	29.0	29.9	32.5	29.1	30.6	25.8	25.1	25.4
23	30.1	29.2	29.6	32.4	29.4	30.6	31.8	30.0	30.7	26.5	24.8	25.6
24	29.6	28.4	29.2	31.1	30.0	30.5	32.0	30.0	30.8	27.1	25.5	26.3
25	28.7	27.5	28.1	31.0	29.9	30.5	31.5	30.1	30.8	27.2	26.2	26.7
26	28.0	27.4	27.7	30.3	29.3	29.7	31.8	30.2	30.8	27.2	25.8	26.6
27	30.0	27.2	28.4	30.6	28.7	29.5	31.5	30.2	30.9	27.7	25.5	26.5
28	29.9	28.7	29.2	30.7	28.9	29.7	31.0	30.1	30.6	27.4	25.5	26.3
29	29.4	28.5	28.9	31.1	29.5	30.3	31.0	29.5	30.3	28.2	25.2	26.4
30	30.0	28.2	29.1	31.7	29.7	30.6	30.3	29.0	29.7	28.5	26.3	27.1
31	---	---	---	32.4	30.1	31.2	30.9	28.5	29.7	---	---	---
MONTH	32.2	27.0	29.1	---	---	---	32.9	24.3	29.5	31.6	24.8	28.0

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA

LOCATION.--Lat 29° 28'59", long 90° 00'40", Jefferson Parish, Hydrologic Unit 08090301, on a channel marker, #46.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 2001 to August 2003 (gage height only). December 2003 to September 2004.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 6.19 ft below NAVD 88. From August 2001 to November 2002 at site 300 ft downstream on west side of channel at assumed datum, site destroyed. From March 2003 to August 2003 at site 300 ft downstream on east side of channel at assumed datum, site destroyed.

REMARKS.--No estimated daily discharge. Records fair. Stage affected by wind and tide. Data for the period Aug. 24 to Sept. 30, 2001, is available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 61,100 ft³/s, Sept. 15, 2004; maximum negative discharge, -67,100 ft³/s, Sept. 23, 2004; maximum gage height, 8.23 ft, Oct. 3, 2002; minimum gage height, 1.94 ft, Feb. 27, 2002, at site and datum then in use; maximum gage height 2.47 ft, Sept. 23, 2004; minimum gage height, -0.86 ft, Feb. 16, 2004, present site and datum.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 61,100 ft³/s, Sept. 15; maximum gage height, 2.47 ft, Sept. 23; maximum negative discharge, -67,100 ft³/s, Sept. 23; minimum gage height, -0.86 ft, Feb. 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	-3,380	-7,950	-11,400	-2,820	17,800	1,430	-1,960	-6,090	-768
2	---	---	---	-3,040	-5,860	-578	664	20,400	-4,150	-517	2,460	-3,500
3	---	---	---	-2,190	10,800	-2,340	4,290	14,300	9,100	-1,020	3,460	-3,800
4	---	---	---	-4,500	-9,050	-14,900	3,180	124	9,670	-196	1,480	-3,980
5	---	---	---	17,200	-15,600	-11,100	-5,030	-2,200	5,240	-1,410	6,650	1,660
6	---	---	---	12,200	23,800	17,100	-9,920	-4,730	473	7,320	8,190	7,720
7	---	---	---	-3,420	23,700	23,400	-719	-1,800	-3,820	5,230	-8,310	6,000
8	---	---	---	-9,430	6,010	18,000	3,170	-1,650	-3,550	1,750	-8,950	-4,020
9	---	---	---	5,330	-3,660	11,500	-4,310	-8,030	-199	2,010	-9,350	-10,900
10	---	---	14,000	6,650	2,930	-1,360	-5,500	-14,800	2,950	3,750	-2,350	-1,780
11	---	---	-2,170	-5,680	-9,670	-3,360	-8,980	-13,500	4,310	124	-6,350	-9,790
12	---	---	-5,280	-3,900	19,800	-5,960	14,900	-12,300	1,460	6,580	2,850	-12,500
13	---	---	-2,880	-5,940	7,180	-7,090	27,000	-3,690	-7,570	915	8,530	-6,430
14	---	---	8,960	-7,160	2,010	-6,300	6,270	-1,230	-978	-1,420	-4,070	-16,200
15	---	---	-9,430	-632	17,200	-7,210	-1,450	9,770	-3,530	-3,240	-7,050	18,500
16	---	---	9,410	-8,340	-3,220	-1,030	-4,430	10,900	-8,240	70	-6,210	-17,900
17	---	---	9,880	-14,900	50	-5,930	-3,060	1,920	4,230	1,710	-5,170	-9,750
18	---	---	-1,800	10,400	2,910	-3,000	-4,550	-1,440	5,130	4,760	-6,770	3,840
19	---	---	1,990	15,400	-7,480	4,090	-5,000	3,770	9,940	-2,990	-6,420	-1,220
20	---	---	-8,240	1,830	-10,000	4,580	-7,440	5,500	2,530	-4,400	1,300	-9,140
21	---	---	-9,190	1,680	-2,300	14,500	-15,300	6,070	-277	---	6,680	-7,260
22	---	---	-9,240	2,220	-349	5,240	-11,500	-4,090	-3,790	2,900	-1,830	-7,500
23	---	---	5,380	-2,030	-16,000	-16,400	-450	-8,780	-2,510	5,400	-2,110	-22,000
24	---	---	4,170	-6,650	-964	-12,700	-9,020	-950	-2,150	-3,260	-5,150	4,390
25	---	---	-3,450	-14,800	9,980	-11,600	-5,880	6,190	4,570	136	-3,510	9,970
26	---	---	-1,670	5,620	22,000	262	28,500	3,840	12,600	-343	-3,620	11,200
27	---	---	-5,450	27,000	6,390	-4,220	10,400	4,580	797	-2,480	-4,960	6,280
28	---	---	-10,300	2,940	-5,330	-6,470	-11,700	2,970	2,170	-3,940	-3,490	11,300
29	---	---	-2,020	-7,420	-12,100	6,460	-4,120	-5,660	-305	-6,500	-1,770	-3,470
30	---	---	6,640	-4,940	---	6,210	16,300	-24,300	-3,590	-6,960	-1,670	-1,890
31	---	---	-1,440	-4,070	---	20,400	---	5,500	---	-8,590	-121	---
TOTAL	---	---	---	-3,952	45,227	-1,206	-6,505	4,484	31,941	---	-63,721	-72,938

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	4.56	4.63	4.63	4.17	4.86	5.18	4.87	4.94	4.47
2	---	---	---	4.57	4.63	4.61	4.17	4.41	5.21	4.81	4.72	4.53
3	---	---	---	4.57	4.15	4.57	4.16	4.22	4.95	4.83	4.62	4.68
4	---	---	---	4.67	4.33	4.87	4.17	4.30	4.70	4.80	4.55	4.77
5	---	---	---	4.42	5.07	5.06	4.31	4.44	4.62	4.82	4.32	4.67
6	---	---	---	3.62	4.55	4.82	4.56	4.52	4.65	4.69	4.14	4.39
7	---	---	---	3.86	3.69	4.17	4.77	4.52	4.78	4.57	4.26	4.12
8	---	---	---	4.20	3.68	3.73	4.58	4.51	4.82	4.63	4.66	4.14
9	---	---	---	4.22	3.96	3.80	4.51	4.64	4.81	4.69	4.90	4.46
10	---	---	4.40	3.73	4.14	3.59	4.51	4.97	4.87	4.63	4.75	4.36
11	---	---	4.28	4.02	4.57	3.85	4.82	5.16	4.82	4.70	4.77	4.63
12	---	---	4.45	4.09	4.21	3.96	4.80	5.40	4.78	4.45	4.59	4.96
13	---	---	4.86	4.20	3.84	4.10	3.65	5.40	4.94	4.46	4.08	5.03
14	---	---	4.42	4.37	4.22	4.28	3.48	5.44	5.04	4.49	4.21	5.39
15	---	---	4.66	4.35	3.63	4.38	3.62	5.41	5.14	4.57	4.31	4.95
16	---	---	4.57	4.44	3.60	4.40	3.85	5.21	5.22	4.51	4.39	5.31
17	---	---	3.65	4.98	3.71	4.45	4.09	5.26	5.00	4.43	4.42	5.23
18	---	---	4.08	4.92	3.55	4.56	4.17	5.30	4.84	4.20	4.56	4.96
19	---	---	3.77	4.12	3.84	4.44	4.33	5.20	4.66	4.31	4.70	5.02
20	---	---	3.97	4.03	4.25	4.42	4.40	5.08	4.62	4.42	4.73	5.19
21	---	---	4.16	4.04	4.21	4.11	4.75	4.91	4.66	4.46	4.47	5.33
22	---	---	4.38	3.99	4.39	3.84	4.94	5.06	4.83	4.39	4.47	5.44
23	---	---	4.57	4.08	4.74	4.48	4.84	5.28	4.85	4.32	4.52	5.77
24	---	---	4.04	4.26	5.09	4.62	4.91	5.26	4.90	4.41	4.57	5.45
25	---	---	4.25	4.87	4.82	4.89	4.90	5.07	4.89	4.35	4.54	5.10
26	---	---	4.24	4.79	4.17	4.71	4.51	4.93	4.60	4.37	4.51	4.89
27	---	---	4.40	3.82	3.89	4.70	4.21	4.89	4.71	4.40	4.60	4.76
28	---	---	4.65	3.62	3.97	4.85	4.52	4.83	4.69	4.44	4.62	4.42
29	---	---	4.92	3.91	4.36	4.72	4.79	4.91	4.75	4.61	4.59	4.49
30	---	---	4.36	4.24	---	4.51	4.91	5.52	4.84	4.70	4.57	4.49
31	---	---	4.55	4.26	---	4.18	---	5.37	---	4.87	4.48	---
MAX	---	---	---	4.98	5.09	5.06	4.94	5.52	5.22	4.87	4.94	5.77
MIN	---	---	---	3.62	3.55	3.59	3.48	4.22	4.60	4.20	4.08	4.12

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 2001 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: August 2001 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Dec. 24-Jan. 23, Feb. 25-Mar. 10, Apr. 26-May 25, June 11-July 13, and Aug. 22-23 when records good; Jan. 24-Feb. 15 when records fair.

SALINITY: Records excellent except for Dec. 24-Jan. 23, Feb. 25-Mar. 10, Apr. 26-May 25, June 11-July 13, and Aug. 22-23 when records good; Jan. 24-Feb. 15 when records fair.

WATER TEMPERATURE: Records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,100 microsiemens/cm, Nov. 29, 2001; minimum, 365 microsiemens/cm, July 13, 2004.

SALINITY: Maximum, 25.4 ppt, Oct. 3, 2002; minimum, 0.2 ppt, on many days.

WATER TEMPERATURE: Maximum, 34.2° C, Jul. 20, 2002; minimum, 4.5° C, Jan. 4, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 33,400 microsiemens/cm, Sept. 16; minimum, 365 microsiemens/cm, July 13.

SALINITY: Maximum, 20.9 ppt, Sept. 16; minimum, 0.2 ppt, on many days.

WATER TEMPERATURE: Maximum, 32.8° C, Aug. 22; minimum, 8.7° C, Jan. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	---	---	---	19,500	11,700	15,400
2	---	---	---	---	---	---	---	---	---	20,300	11,400	15,800
3	---	---	---	---	---	---	---	---	---	20,600	10,700	15,800
4	---	---	---	---	---	---	---	---	---	21,300	11,700	16,900
5	---	---	---	---	---	---	---	---	---	21,600	8,950	14,000
6	---	---	---	---	---	---	---	---	---	9,180	3,940	5,970
7	---	---	---	---	---	---	---	---	---	12,300	4,360	6,020
8	---	---	---	---	---	---	---	---	---	19,500	7,440	12,500
9	---	---	---	---	---	---	---	---	---	24,300	9,260	16,200
10	---	---	---	---	---	---	30,400	11,900	19,100	10,300	3,570	6,810
11	---	---	---	---	---	---	18,400	9,770	13,400	13,500	7,170	10,900
12	---	---	---	---	---	---	22,400	13,200	17,900	15,700	9,090	12,700
13	---	---	---	---	---	---	24,300	16,800	21,000	18,900	11,500	15,500
14	---	---	---	---	---	---	19,100	7,950	12,900	31,300	18,900	23,100
15	---	---	---	---	---	---	17,500	12,900	15,300	31,300	20,300	26,000
16	---	---	---	---	---	---	22,000	8,930	16,600	27,200	10,500	20,400
17	---	---	---	---	---	---	8,930	4,260	6,130	31,200	22,800	27,000
18	---	---	---	---	---	---	8,130	5,250	6,780	31,200	19,900	24,000
19	---	---	---	---	---	---	11,500	3,690	6,230	20,700	10,600	13,400
20	---	---	---	---	---	---	16,900	4,300	9,390	14,300	6,320	9,850
21	---	---	---	---	---	---	20,500	9,300	14,400	13,700	6,640	9,750
22	---	---	---	---	---	---	22,800	12,900	17,800	13,900	5,410	9,140
23	---	---	---	---	---	---	25,300	15,900	20,200	13,900	6,020	9,580
24	---	---	---	---	---	---	17,600	6,730	11,500	16,000	7,380	12,400
25	---	---	---	---	---	---	18,100	10,600	14,400	20,600	13,300	17,700
26	---	---	---	---	---	---	18,900	11,400	14,200	22,000	15,400	19,200
27	---	---	---	---	---	---	19,800	12,600	15,800	17,100	4,180	9,110
28	---	---	---	---	---	---	22,600	15,700	19,800	10,700	2,760	4,540
29	---	---	---	---	---	---	31,900	17,700	25,700	10,100	2,610	4,990
30	---	---	---	---	---	---	17,700	12,100	14,100	14,500	5,830	9,300
31	---	---	---	---	---	---	17,200	12,200	15,000	15,400	5,990	9,440
MONTH	---	---	---	---	---	---	---	---	---	31,300	2,610	13,700

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	18,500	7,940	12,200	14,500	5,400	8,050	8,910	5,360	6,520	11,500	4,510	8,000
2	24,000	9,720	15,500	14,500	6,070	8,930	9,200	6,550	7,780	6,370	1,920	3,750
3	24,800	5,090	11,100	11,000	5,430	7,710	8,640	6,250	7,340	2,180	902	1,510
4	16,200	5,730	9,350	18,000	8,170	10,700	7,440	5,690	6,310	2,710	970	1,630
5	29,700	16,200	22,700	20,400	14,000	17,300	9,260	5,370	7,190	2,870	1,240	2,070
6	31,800	9,510	19,000	21,100	9,390	15,300	14,200	8,520	11,000	3,310	1,350	2,220
7	10,500	2,380	4,570	13,000	4,090	7,240	16,100	10,900	13,200	3,200	1,480	2,320
8	7,140	1,900	2,780	4,840	2,770	4,070	14,400	8,110	10,300	3,190	1,340	2,180
9	6,800	2,570	3,540	3,010	1,280	2,170	15,700	4,680	9,580	4,520	1,300	2,450
10	4,820	3,440	4,200	3,450	1,210	1,840	15,400	6,220	10,400	7,580	2,600	4,370
11	12,400	3,020	6,820	4,050	2,040	2,810	15,600	6,560	10,700	9,240	4,430	6,370
12	11,900	1,290	4,180	6,080	2,240	3,580	15,600	7,840	10,600	13,300	7,250	9,570
13	2,690	1,100	1,590	8,900	2,960	5,140	7,840	1,440	3,270	12,900	8,040	9,650
14	2,740	1,310	1,860	11,000	4,580	7,220	2,400	1,060	1,520	12,100	7,860	9,930
15	1,750	694	1,110	14,000	5,730	8,940	2,430	1,050	1,640	12,600	6,980	8,930
16	1,980	807	1,250	14,100	6,480	9,990	3,750	2,130	2,480	8,270	3,290	6,830
17	1,930	1,390	1,640	14,800	7,670	11,300	6,450	3,750	5,110	7,570	3,450	5,970
18	3,700	858	1,430	15,900	10,700	13,700	8,530	4,670	7,210	7,570	3,370	5,990
19	5,790	1,400	2,800	15,800	8,490	12,400	11,200	5,670	9,000	6,640	3,940	5,520
20	13,900	4,200	7,310	12,400	6,500	9,760	13,700	6,360	10,700	5,320	2,660	4,310
21	15,200	5,260	10,000	7,660	2,960	5,440	20,600	8,770	15,300	4,460	2,340	3,220
22	15,600	9,140	11,700	3,120	2,460	2,680	27,300	16,000	21,600	4,150	2,000	3,070
23	19,000	10,100	15,900	11,000	2,520	6,540	24,500	14,400	20,500	5,260	2,550	3,780
24	23,800	19,000	22,000	16,300	8,450	12,000	24,200	14,400	20,400	4,940	3,060	4,170
25	20,700	11,000	15,300	20,600	15,000	17,900	23,900	15,800	20,600	4,170	2,770	3,520
26	11,000	2,860	5,830	20,600	15,000	17,800	22,000	8,620	14,700	3,350	1,950	2,670
27	10,300	1,900	3,370	18,700	13,100	16,100	16,300	6,720	12,300	3,370	1,510	2,090
28	4,570	1,500	2,560	19,300	15,400	17,700	16,600	6,320	11,600	2,340	1,230	1,590
29	8,150	3,340	4,960	19,300	15,000	16,900	16,600	13,400	15,100	2,680	1,090	1,600
30	---	---	---	16,600	8,620	12,300	16,500	8,390	12,400	5,520	1,720	3,600
31	---	---	---	12,700	6,300	10,200	---	---	---	6,760	3,710	5,690
MONTH	31,800	694	7,810	21,100	1,210	9,800	27,300	1,050	10,500	13,300	902	4,470
JUNE			JULY			AUGUST			SEPTEMBER			
1	6,060	2,800	4,050	1,010	549	760	14,400	6,960	10,600	13,700	9,560	11,200
2	6,830	2,880	4,820	972	538	721	12,000	7,100	8,770	15,900	10,600	13,700
3	4,250	2,110	3,040	983	504	696	8,360	5,040	6,820	18,100	14,000	16,100
4	2,450	1,380	1,920	903	502	678	6,890	3,850	5,290	22,000	14,400	18,100
5	2,660	1,280	1,760	1,020	552	717	5,180	1,240	2,780	20,800	12,600	17,100
6	2,500	965	1,550	736	525	594	2,010	562	1,070	17,200	7,670	12,500
7	2,470	1,070	1,620	533	467	500	3,560	666	2,050	12,200	3,690	8,430
8	2,580	1,120	1,760	572	474	504	12,400	3,560	8,190	11,300	4,700	8,040
9	2,000	1,110	1,630	535	465	497	15,500	6,490	11,100	17,100	6,300	13,200
10	1,790	1,170	1,380	670	425	483	14,900	6,260	10,400	15,800	11,200	14,000
11	1,660	807	1,110	584	430	503	16,800	6,330	11,700	19,800	11,200	16,200
12	1,380	784	933	540	365	453	14,400	4,700	9,890	25,400	15,000	20,300
13	1,740	724	1,200	570	365	456	5,750	2,190	3,930	23,800	18,600	21,500
14	2,160	1,040	1,500	566	391	484	9,280	2,070	4,590	29,900	22,900	26,500
15	2,490	1,040	1,630	622	435	538	13,500	2,890	7,820	30,900	20,600	27,500
16	3,830	1,260	2,420	665	491	566	17,200	5,570	11,400	33,400	17,900	27,000
17	2,680	1,380	1,990	701	459	545	17,400	7,480	12,900	32,400	25,500	30,200
18	1,620	1,040	1,290	523	416	454	18,600	11,000	15,300	31,600	21,000	26,600
19	1,230	726	894	601	403	488	20,500	15,700	18,300	28,900	22,100	25,700
20	970	662	778	2,200	466	928	21,200	16,300	19,900	29,900	24,000	27,000
21	961	648	785	1,930	647	1,260	18,700	9,120	15,600	30,100	25,100	27,900
22	1,700	674	1,050	906	560	641	17,100	9,270	14,000	31,700	25,900	29,500
23	1,980	878	1,250	605	410	494	19,600	9,270	14,900	32,500	26,200	30,600
24	2,330	873	1,280	10,600	404	5,390	19,300	9,760	16,000	31,700	27,800	30,100
25	1,170	839	997	7,700	3,260	5,820	19,400	11,800	15,900	29,400	26,100	28,100
26	874	478	635	9,730	2,360	6,770	19,400	11,200	15,400	28,900	24,100	26,900
27	730	488	591	9,820	2,430	5,920	19,100	11,100	15,500	27,700	22,400	25,200
28	833	496	613	9,450	2,370	5,860	19,500	11,900	15,400	26,100	19,500	22,700
29	762	495	607	11,000	3,140	6,790	20,100	12,200	15,200	24,000	17,700	20,500
30	974	528	703	12,300	4,210	7,700	18,800	10,900	14,300	24,600	19,600	22,500
31	---	---	---	14,100	5,310	9,280	14,500	9,390	12,000	---	---	---
MONTH	6,830	478	1,530	14,100	365	2,180	21,200	562	11,200	33,400	3,690	21,500

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	---	---	---	11.6	6.6	9.0
2	---	---	---	---	---	---	---	---	---	12.1	6.5	9.3
3	---	---	---	---	---	---	---	---	---	12.3	6.1	9.3
4	---	---	---	---	---	---	---	---	---	12.8	6.6	9.9
5	---	---	---	---	---	---	---	---	---	13.0	5.0	8.1
6	---	---	---	---	---	---	---	---	---	5.1	2.1	3.2
7	---	---	---	---	---	---	---	---	---	7.0	2.3	3.3
8	---	---	---	---	---	---	---	---	---	11.6	4.1	7.2
9	---	---	---	---	---	---	---	---	---	14.7	5.2	9.6
10	---	---	---	---	---	---	18.9	6.8	11.4	5.8	1.9	3.7
11	---	---	---	---	---	---	10.9	5.5	7.7	7.8	3.9	6.2
12	---	---	---	---	---	---	13.5	7.6	10.6	9.1	5.1	7.3
13	---	---	---	---	---	---	14.7	9.9	12.6	11.2	6.5	9.0
14	---	---	---	---	---	---	11.4	4.4	7.5	19.4	11.2	14.0
15	---	---	---	---	---	---	10.3	7.4	8.9	19.4	12.1	15.9
16	---	---	---	---	---	---	13.2	5.0	9.8	16.6	6.0	12.2
17	---	---	---	---	---	---	5.0	2.3	3.3	19.4	13.7	16.5
18	---	---	---	---	---	---	4.5	2.8	3.7	19.4	11.8	14.6
19	---	---	---	---	---	---	6.5	1.9	3.4	12.4	6.0	7.7
20	---	---	---	---	---	---	9.9	2.3	5.3	8.3	3.4	5.6
21	---	---	---	---	---	---	12.2	5.2	8.4	7.9	3.6	5.5
22	---	---	---	---	---	---	13.7	7.4	10.5	8.0	2.9	5.1
23	---	---	---	---	---	---	15.4	9.3	12.1	8.0	3.3	5.4
24	---	---	---	---	---	---	10.4	3.7	6.6	9.3	4.1	7.1
25	---	---	---	---	---	---	10.7	6.0	8.3	12.3	7.6	10.4
26	---	---	---	---	---	---	11.2	6.5	8.2	13.2	9.0	11.4
27	---	---	---	---	---	---	11.8	7.2	9.2	10.1	2.2	5.1
28	---	---	---	---	---	---	13.6	9.1	11.8	6.1	1.4	2.4
29	---	---	---	---	---	---	19.9	10.4	15.7	5.7	1.3	2.7
30	---	---	---	---	---	---	10.4	6.9	8.2	8.4	3.2	5.2
31	---	---	---	---	---	---	10.1	7.0	8.7	9.0	3.2	5.3
MONTH	---	---	---	---	---	---	---	---	---	19.4	1.3	8.0
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	4.4	7.0	8.4	2.9	4.5	5.0	2.9	3.6	6.5	2.4	4.4
2	14.5	5.5	9.1	8.4	3.3	5.0	5.1	3.6	4.3	3.5	1.0	2.0
3	15.0	2.7	6.4	6.2	2.9	4.3	4.8	3.4	4.0	1.1	0.4	0.8
4	9.4	3.1	5.3	10.6	4.5	6.1	4.1	3.1	3.4	1.4	0.5	0.8
5	18.4	9.4	13.7	12.1	8.1	10.2	5.2	2.9	4.0	1.5	0.6	1.1
6	19.8	5.3	11.4	12.6	5.3	8.9	8.2	4.7	6.2	1.7	0.7	1.1
7	6.0	1.2	2.5	7.5	2.2	4.0	9.4	6.2	7.6	1.7	0.7	1.2
8	3.9	1.0	1.4	2.6	1.4	2.2	8.3	4.5	5.8	1.7	0.7	1.1
9	3.7	1.3	1.9	1.6	0.6	1.1	9.1	2.5	5.4	2.4	0.6	1.3
10	2.6	1.8	2.2	1.8	0.6	0.9	9.0	3.4	5.9	4.2	1.3	2.3
11	7.1	1.6	3.8	2.1	1.0	1.5	9.1	3.6	6.0	5.2	2.4	3.5
12	6.8	0.6	2.3	3.3	1.1	1.9	9.1	4.3	6.0	7.6	4.0	5.4
13	1.4	0.5	0.8	5.0	1.5	2.8	4.3	0.7	1.7	7.4	4.4	5.4
14	1.4	0.7	0.9	6.2	2.4	4.0	1.2	0.5	0.8	6.9	4.3	5.6
15	0.9	0.3	0.5	8.1	3.1	5.0	1.2	0.5	0.8	7.2	3.8	5.0
16	1.0	0.4	0.6	8.1	3.5	5.6	2.0	1.1	1.3	4.6	1.7	3.7
17	1.0	0.7	0.8	8.6	4.2	6.5	3.5	2.0	2.7	4.2	1.8	3.2
18	1.9	0.4	0.7	9.3	6.1	7.9	4.7	2.5	4.0	4.2	1.8	3.3
19	3.1	0.7	1.5	9.2	4.7	7.1	6.3	3.1	5.0	3.6	2.1	3.0
20	8.0	2.2	4.0	7.1	3.5	5.5	7.9	3.5	6.0	2.9	1.4	2.3
21	8.9	2.8	5.7	4.2	1.5	2.9	12.3	4.9	8.9	2.4	1.2	1.7
22	9.1	5.1	6.7	1.6	1.3	1.4	16.7	9.3	13.0	2.2	1.0	1.6
23	11.3	5.7	9.3	6.2	1.3	3.6	14.8	8.3	12.2	2.8	1.3	2.0
24	14.4	11.3	13.2	9.5	4.7	6.8	14.7	8.3	12.2	2.6	1.6	2.2
25	12.4	6.2	8.9	12.3	8.7	10.5	14.5	9.2	12.3	2.2	1.4	1.8
26	6.2	1.5	3.2	12.3	8.7	10.5	13.2	4.8	8.5	1.7	1.0	1.4
27	5.8	1.0	1.8	11.1	7.5	9.4	9.5	3.7	7.0	1.8	0.8	1.1
28	2.4	0.8	1.3	11.5	9.0	10.4	9.7	3.4	6.6	1.2	0.6	0.8
29	4.5	1.7	2.7	11.5	8.7	9.9	9.7	7.7	8.8	1.4	0.5	0.8
30	---	---	---	9.7	4.8	7.0	9.7	4.7	7.1	3.0	0.9	1.9
31	---	---	---	7.3	3.4	5.8	---	---	---	3.7	2.0	3.1
MONTH	19.8	0.3	4.5	12.6	0.6	5.6	16.7	0.5	6.0	7.6	0.4	2.4

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3.3	1.4	2.1	0.5	0.3	0.4	8.3	3.8	6.0	7.9	5.4	6.3
2	3.7	1.5	2.6	0.5	0.3	0.4	6.8	3.9	4.9	9.3	6.0	7.9
3	2.3	1.1	1.6	0.5	0.2	0.3	4.6	2.7	3.7	10.7	8.1	9.4
4	1.3	0.7	1.0	0.4	0.2	0.3	3.8	2.0	2.8	13.2	8.3	10.7
5	1.4	0.6	0.9	0.5	0.3	0.4	2.8	0.6	1.4	12.4	7.2	10.1
6	1.3	0.5	0.8	0.4	0.3	0.3	1.0	0.3	0.5	10.1	4.2	7.2
7	1.3	0.5	0.8	0.3	0.2	0.2	1.9	0.3	1.0	7.0	1.9	4.7
8	1.3	0.6	0.9	0.3	0.2	0.2	7.1	1.9	4.6	6.4	2.5	4.5
9	1.0	0.5	0.8	0.3	0.2	0.2	9.0	3.5	6.3	10.1	3.4	7.6
10	0.9	0.6	0.7	0.3	0.2	0.2	8.7	3.4	5.9	9.2	6.3	8.1
11	0.8	0.4	0.6	0.3	0.2	0.2	9.9	3.4	6.7	11.8	6.3	9.5
12	0.7	0.4	0.5	0.3	0.2	0.2	8.3	2.5	5.6	15.5	8.7	12.1
13	0.9	0.4	0.6	0.3	0.2	0.2	3.1	1.1	2.1	14.4	11.0	12.9
14	1.1	0.5	0.8	0.3	0.2	0.2	5.2	1.1	2.5	18.5	13.8	16.2
15	1.3	0.5	0.8	0.3	0.2	0.3	7.8	1.5	4.4	19.2	12.3	16.9
16	2.0	0.6	1.2	0.3	0.2	0.3	10.1	3.0	6.5	20.9	10.5	16.6
17	1.4	0.7	1.0	0.3	0.2	0.3	10.2	4.1	7.4	20.2	15.5	18.7
18	0.8	0.5	0.6	0.3	0.2	0.2	11.0	6.2	8.9	19.6	12.6	16.3
19	0.6	0.4	0.4	0.3	0.2	0.2	12.2	9.1	10.8	17.8	13.3	15.7
20	0.5	0.3	0.4	1.1	0.2	0.5	12.7	9.5	11.8	18.5	14.5	16.5
21	0.5	0.3	0.4	1.0	0.3	0.6	11.1	5.1	9.1	18.7	15.3	17.2
22	0.9	0.3	0.5	0.4	0.3	0.3	10.1	5.2	8.1	19.7	15.8	18.2
23	1.0	0.4	0.6	0.3	0.2	0.2	11.7	5.2	8.7	20.3	16.0	18.9
24	1.2	0.4	0.6	6.0	0.2	3.0	11.5	5.5	9.4	19.7	17.1	18.6
25	0.6	0.4	0.5	4.2	1.7	3.2	11.5	6.7	9.3	18.1	15.9	17.3
26	0.4	0.2	0.3	5.5	1.2	3.7	11.5	6.3	9.0	17.8	14.6	16.5
27	0.4	0.2	0.3	5.5	1.2	3.2	11.4	6.3	9.0	17.0	13.5	15.3
28	0.4	0.2	0.3	5.3	1.2	3.2	11.6	6.8	9.0	15.9	11.6	13.7
29	0.4	0.2	0.3	6.2	1.6	3.7	12.0	7.0	8.9	14.5	10.4	12.2
30	0.5	0.3	0.3	7.0	2.2	4.3	11.1	6.2	8.3	14.9	11.7	13.5
31	---	---	---	8.1	2.9	5.2	8.4	5.3	6.8	---	---	---
MONTH	3.7	0.2	0.8	8.1	0.2	1.2	12.7	0.3	6.4	20.9	1.9	13.0

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	---	---	---	---	---	---	15.4	13.9	14.6
2	---	---	---	---	---	---	---	---	---	16.4	15.1	15.6
3	---	---	---	---	---	---	---	---	---	17.9	16.1	16.8
4	---	---	---	---	---	---	---	---	---	19.1	17.3	18.0
5	---	---	---	---	---	---	---	---	---	19.0	17.6	18.5
6	---	---	---	---	---	---	---	---	---	17.6	12.4	14.2
7	---	---	---	---	---	---	---	---	---	12.4	10.2	10.8
8	---	---	---	---	---	---	---	---	---	10.8	9.9	10.3
9	---	---	---	---	---	---	---	---	---	11.4	10.7	11.0
10	---	---	---	---	---	---	14.0	12.6	13.1	10.9	9.7	10.2
11	---	---	---	---	---	---	12.9	11.5	12.1	10.9	9.4	9.9
12	---	---	---	---	---	---	13.4	11.6	12.2	11.8	9.5	10.5
13	---	---	---	---	---	---	13.0	12.3	12.8	12.8	10.9	11.5
14	---	---	---	---	---	---	13.0	11.7	12.3	13.8	11.7	12.3
15	---	---	---	---	---	---	13.0	11.4	12.2	14.7	12.3	13.3
16	---	---	---	---	---	---	13.8	12.5	13.0	14.7	13.5	14.2
17	---	---	---	---	---	---	12.5	10.6	11.0	15.3	14.5	14.8
18	---	---	---	---	---	---	11.4	10.1	10.7	16.0	15.2	15.5
19	---	---	---	---	---	---	11.5	10.2	10.6	15.7	13.4	14.5
20	---	---	---	---	---	---	12.2	10.0	11.0	13.4	11.6	12.1
21	---	---	---	---	---	---	12.4	11.1	11.8	12.3	11.0	11.7
22	---	---	---	---	---	---	13.7	12.2	12.8	13.0	11.4	12.1
23	---	---	---	---	---	---	14.4	13.4	13.8	14.0	12.0	12.8
24	---	---	---	---	---	---	13.6	12.3	12.9	14.6	13.2	13.7
25	---	---	---	---	---	---	13.0	11.8	12.3	15.3	14.0	14.6
26	---	---	---	---	---	---	13.2	11.6	12.3	15.5	14.9	15.2
27	---	---	---	---	---	---	14.3	12.3	12.8	15.4	12.0	13.6
28	---	---	---	---	---	---	14.9	13.2	14.0	12.0	8.7	10.6
29	---	---	---	---	---	---	15.2	14.5	14.9	11.6	9.6	10.5
30	---	---	---	---	---	---	14.5	13.4	13.8	11.7	11.2	11.5
31	---	---	---	---	---	---	14.6	13.1	13.7	11.7	10.9	11.3
MONTH	---	---	---	---	---	---	---	---	---	19.1	8.7	13.1
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	10.8	11.3	17.2	15.8	16.5	21.5	19.4	20.4	23.6	21.3	22.3
2	12.9	11.6	12.1	19.2	16.8	17.9	21.4	20.0	20.7	23.2	22.1	22.7
3	12.9	11.0	11.7	20.4	18.5	19.4	22.0	20.0	21.1	22.8	20.8	21.9
4	12.5	11.0	11.6	21.2	19.9	20.5	22.0	20.4	21.1	23.3	21.1	22.1
5	15.1	12.5	13.4	22.0	20.4	21.1	22.4	20.9	21.8	23.7	21.9	22.7
6	15.4	14.5	14.9	24.3	21.0	22.4	22.0	20.8	21.4	25.1	22.6	23.9
7	14.9	11.7	13.0	24.0	21.6	22.4	22.4	21.1	21.5	26.2	23.9	25.0
8	12.5	10.2	11.1	22.5	19.8	20.8	23.9	22.0	22.8	27.1	24.6	25.9
9	11.8	9.5	10.8	20.5	18.1	19.1	24.7	23.0	23.9	27.7	25.7	26.7
10	12.6	11.4	12.0	18.3	14.8	17.5	25.7	23.7	24.8	27.6	25.8	26.8
11	13.1	12.0	12.5	18.2	15.8	17.2	25.0	23.8	24.3	27.5	25.8	26.8
12	13.4	12.4	13.2	19.2	16.6	18.0	23.9	20.6	22.7	27.3	25.6	26.6
13	12.4	11.7	12.0	19.4	17.8	18.8	20.6	17.5	18.5	27.4	25.5	26.4
14	11.7	10.9	11.5	19.3	18.8	19.1	17.5	16.2	16.9	27.7	26.0	26.7
15	10.9	9.8	10.2	19.4	18.8	19.1	18.8	16.6	17.5	26.7	25.2	26.0
16	11.0	9.5	10.2	20.8	19.2	19.9	21.4	18.2	19.5	26.7	24.5	25.5
17	11.9	10.6	11.1	21.0	19.5	20.4	23.3	20.8	21.8	27.8	26.0	26.7
18	13.0	10.6	11.5	22.6	20.3	21.2	23.3	21.6	22.4	28.5	26.6	27.3
19	14.0	12.0	12.9	24.7	21.2	22.3	25.1	22.2	23.0	28.3	26.8	27.4
20	16.0	13.7	14.5	24.5	22.1	23.1	23.8	22.7	23.2	28.4	26.8	27.5
21	17.5	15.4	16.0	23.9	22.5	23.2	24.2	22.7	23.4	28.5	26.9	27.8
22	17.1	15.6	16.4	22.5	19.7	21.0	25.2	23.4	24.2	29.5	27.3	28.4
23	16.8	16.4	16.6	19.9	18.3	19.1	25.9	24.3	25.2	28.9	27.1	28.3
24	16.7	16.4	16.6	19.9	18.0	19.0	26.5	24.8	25.7	29.0	27.1	28.3
25	16.6	15.6	16.2	20.8	19.0	20.0	26.4	25.4	25.9	29.0	27.4	28.3
26	16.6	13.9	15.2	21.7	19.8	20.7	25.8	24.8	25.2	28.7	27.0	27.9
27	14.4	12.7	13.6	22.9	20.6	21.7	24.8	23.4	24.1	28.6	26.4	27.5
28	14.7	12.7	13.7	23.7	21.6	22.6	24.5	23.0	23.8	29.2	27.0	28.0
29	16.0	14.1	15.0	24.3	22.5	23.1	23.9	22.8	23.5	29.1	27.4	28.3
30	---	---	---	23.4	22.0	22.7	23.8	21.4	22.5	29.1	27.9	28.4
31	---	---	---	22.2	20.9	21.8	---	---	---	29.1	27.8	28.5
MONTH	17.5	9.5	13.1	24.7	14.8	20.4	26.5	16.2	22.4	29.5	20.8	26.3

292859090004000 BARATARIA WATERWAY SOUTH OF LAFITTE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.3	28.4	29.1	30.0	29.1	29.6	31.8	30.9	31.4	30.9	29.1	29.7
2	29.4	27.9	28.7	30.0	29.4	29.7	31.9	31.1	31.6	30.9	29.5	30.2
3	28.9	27.6	28.3	30.8	28.9	29.9	32.1	30.5	31.4	31.2	30.0	30.6
4	29.1	27.5	28.3	31.3	29.9	30.7	32.2	30.9	31.5	31.5	29.9	30.3
5	29.3	27.7	28.5	31.8	29.8	31.0	32.5	31.0	31.7	31.2	29.8	30.6
6	29.7	27.4	28.5	31.3	30.2	30.8	31.5	29.8	30.8	31.0	29.8	30.5
7	29.7	27.3	28.7	30.3	29.4	29.9	30.9	28.8	29.8	30.8	29.5	30.1
8	30.2	27.8	29.2	29.7	28.6	29.1	29.7	28.7	29.1	30.8	29.0	29.9
9	30.3	28.2	29.5	29.1	28.2	28.7	29.9	28.0	28.7	30.7	29.0	29.5
10	30.2	28.4	29.4	30.2	28.5	29.3	31.7	29.0	30.0	30.4	28.9	29.5
11	30.6	28.9	29.6	31.5	29.3	30.2	31.5	29.4	30.4	30.2	29.0	29.6
12	31.5	29.3	30.3	31.9	30.0	30.9	31.2	29.4	30.1	29.6	28.0	28.9
13	31.1	29.5	30.4	31.1	30.0	30.4	29.4	26.5	27.9	28.7	27.4	28.1
14	30.2	29.0	29.3	31.6	29.4	30.4	26.6	25.4	25.9	28.5	27.8	28.2
15	29.5	28.3	28.9	31.4	30.2	30.6	26.1	25.0	25.5	28.1	25.7	27.1
16	30.2	28.6	29.3	31.5	30.0	30.9	27.0	25.5	26.0	26.6	24.7	25.6
17	31.5	28.9	29.9	31.5	30.1	30.7	27.5	26.3	26.8	28.7	26.6	27.4
18	31.9	30.2	31.1	30.5	28.9	29.7	28.9	27.0	27.8	30.0	28.2	28.7
19	31.1	30.1	30.6	30.9	28.6	29.7	29.8	28.1	28.9	29.4	28.2	28.8
20	31.2	29.1	30.3	30.9	29.4	30.2	30.7	29.4	29.9	28.6	27.2	27.7
21	30.6	29.5	29.9	30.8	29.5	30.2	31.3	30.0	30.5	27.4	26.1	26.5
22	30.2	28.8	29.6	31.8	29.3	30.2	32.8	29.9	31.0	26.2	25.3	25.6
23	30.1	29.3	29.8	31.8	29.9	30.8	32.1	30.2	31.0	26.6	25.0	25.7
24	30.1	28.8	29.5	31.1	30.1	30.5	32.0	30.4	31.1	27.2	26.0	26.5
25	29.2	27.3	28.3	31.7	30.8	31.1	31.8	30.3	31.1	27.6	26.3	27.0
26	28.9	27.1	27.9	31.2	29.9	30.5	32.3	30.4	31.2	27.9	26.4	27.1
27	29.7	27.4	28.4	31.4	29.3	30.2	32.0	30.8	31.3	27.4	26.3	26.7
28	29.9	28.9	29.3	31.8	29.6	30.5	31.3	30.4	30.7	27.1	26.0	26.4
29	29.6	28.4	29.2	31.7	30.3	30.9	30.9	29.9	30.2	27.4	26.0	26.5
30	29.9	28.8	29.4	32.3	30.8	31.4	29.9	29.0	29.5	28.1	26.3	27.2
31	---	---	---	32.1	30.7	31.4	30.4	28.3	29.2	---	---	---
MONTH	31.9	27.1	29.3	32.3	28.2	30.3	32.8	25.0	29.7	31.5	24.7	28.2

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA

LOCATION.--Lat 29° 51'19", long 90° 12'17", T. 14 S., R. 9 E., Jefferson Parish, Hydrologic Unit 08090302, located on a 4 ft x 4 ft platform, six miles southwest of Bayou Segnette State Park at Waggaman.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--November 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.45 ft below NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.61 ft, Oct. 3, 2002; minimum recorded gage height, 1.73 ft, Jan.2 3, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.74 ft, May 15; minimum gage height, 2.60 ft, Jan. 7.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	4.01	3.83	3.92	4.39	4.09	4.25	3.52	3.43	3.47	3.91	3.77	3.83
2	4.03	3.71	3.87	4.44	4.19	4.32	3.44	3.37	3.41	3.96	3.77	3.87
3	4.20	3.76	4.00	4.30	4.15	4.22	3.89	3.41	3.65	3.99	3.83	3.91
4	4.32	4.01	4.19	4.26	4.08	4.16	3.95	3.70	3.83	4.09	3.89	4.00
5	4.40	4.12	4.27	4.33	4.11	4.18	3.75	3.18	3.53	4.15	3.12	3.78
6	4.35	4.12	4.24	4.36	4.05	4.20	3.18	2.84	2.99	3.12	2.61	2.81
7	4.45	4.09	4.27	4.06	3.80	3.92	3.26	2.94	3.15	3.01	2.60	2.79
8	4.41	4.30	4.36	3.87	3.70	3.81	3.51	3.26	3.42	3.36	3.01	3.19
9	4.56	4.28	4.39	3.86	3.68	3.77	3.98	3.51	3.76	3.55	2.92	3.31
10	5.06	4.53	4.87	3.99	3.75	3.89	4.08	3.53	3.81	2.92	2.68	2.78
11	5.05	4.56	4.81	4.21	3.98	4.09	3.53	3.37	3.46	3.17	2.74	3.02
12	4.57	4.39	4.49	4.30	4.05	4.17	3.72	3.43	3.59	3.33	3.09	3.22
13	4.61	4.42	4.51	4.15	3.43	3.78	4.14	3.56	3.91	3.42	3.21	3.32
14	4.66	4.08	4.49	3.84	3.38	3.66	3.76	3.52	3.59	3.58	3.36	3.47
15	4.20	4.08	4.14	4.17	3.83	4.03	4.04	3.55	3.83	3.63	3.44	3.53
16	4.36	4.12	4.24	4.32	3.98	4.19	4.25	3.54	3.98	3.75	3.47	3.56
17	4.38	3.92	4.21	4.53	4.12	4.37	3.54	3.19	3.31	4.38	3.75	4.10
18	3.95	3.76	3.83	4.95	4.51	4.72	3.26	3.10	3.18	4.44	4.18	4.35
19	4.12	3.72	3.95	4.69	3.90	4.17	3.28	2.95	3.10	4.18	3.40	3.74
20	4.28	3.98	4.15	3.90	3.64	3.77	3.16	2.93	3.04	3.48	3.34	3.42
21	4.25	4.03	4.14	3.97	3.78	3.87	3.35	3.16	3.25	3.57	3.34	3.46
22	4.12	3.79	3.91	4.01	3.85	3.91	3.64	3.35	3.52	3.55	3.30	3.42
23	4.01	3.69	3.81	4.23	3.94	4.13	4.05	3.33	3.73	3.51	3.30	3.41
24	4.17	3.98	4.05	4.02	3.15	3.36	3.48	3.17	3.34	3.63	3.36	3.53
25	4.31	4.17	4.24	3.57	3.21	3.46	3.49	3.18	3.34	4.11	3.63	3.89
26	4.41	3.85	4.21	4.01	3.57	3.82	3.61	3.28	3.47	4.11	4.00	4.07
27	3.88	3.62	3.74	4.39	4.01	4.21	3.67	3.38	3.54	4.07	3.08	3.59
28	3.95	3.67	3.85	4.42	3.37	3.65	3.93	3.48	3.74	3.16	2.92	3.02
29	4.15	3.89	4.05	3.56	3.42	3.46	4.32	3.89	4.12	3.25	3.02	3.11
30	4.45	4.00	4.25	3.68	3.41	3.54	3.99	3.63	3.75	3.49	3.25	3.34
31	4.42	4.09	4.26	---	---	---	3.83	3.69	3.74	3.51	3.16	3.31
MONTH	5.06	3.62	4.18	4.95	3.15	3.97	4.32	2.84	3.53	4.44	2.60	3.49

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.65	3.27	3.42	4.20	3.93	4.03	3.67	3.36	3.45	5.01	4.55	4.77
2	3.90	3.65	3.80	4.22	4.02	4.11	3.70	3.37	3.54	4.67	4.10	4.37
3	3.82	3.46	3.57	4.19	4.06	4.12	3.60	3.42	3.52	4.17	3.81	4.00
4	3.76	3.38	3.51	4.65	4.11	4.38	3.49	3.32	3.42	4.12	3.76	3.88
5	4.48	3.76	4.27	4.97	4.57	4.80	3.68	3.26	3.44	4.20	3.84	4.00
6	4.47	3.92	4.19	4.94	4.42	4.64	3.87	3.56	3.68	4.24	3.89	4.06
7	3.95	3.35	3.65	4.42	3.82	4.13	4.29	3.86	4.09	4.23	3.96	4.10
8	3.35	3.07	3.21	3.82	3.41	3.54	4.22	3.83	3.97	4.22	3.95	4.08
9	3.38	3.12	3.25	3.41	2.71	3.13	4.03	3.68	3.81	4.23	3.91	4.06
10	3.51	3.30	3.44	3.23	2.70	2.90	4.06	3.77	3.89	4.49	4.14	4.31
11	4.15	3.42	3.70	3.39	3.02	3.15	4.21	3.61	3.98	4.77	4.39	4.51
12	4.16	3.45	3.77	3.39	3.07	3.22	4.28	3.96	4.12	5.22	4.77	4.96
13	3.45	3.26	3.33	3.53	3.20	3.33	3.96	3.24	3.54	5.27	5.03	5.15
14	3.58	3.29	3.39	3.64	3.42	3.50	3.29	2.94	3.08	5.36	5.16	5.26
15	3.59	2.82	3.14	3.76	3.54	3.64	3.09	2.89	2.96	5.74	5.21	5.36
16	3.07	2.86	2.95	3.89	3.52	3.69	3.21	3.04	3.12	5.22	5.06	5.11
17	3.23	2.92	3.07	3.90	3.68	3.76	3.48	3.20	3.37	5.14	4.94	5.03
18	3.10	2.92	3.02	4.04	3.90	3.96	3.76	3.41	3.58	5.25	5.00	5.11
19	3.22	3.01	3.16	4.02	3.83	3.92	3.88	3.56	3.72	5.11	4.97	5.04
20	3.51	3.22	3.41	3.93	3.80	3.88	4.07	3.71	3.87	5.01	4.81	4.90
21	3.56	3.35	3.42	3.80	3.11	3.53	4.33	3.87	4.08	4.88	4.64	4.76
22	3.69	3.41	3.58	3.21	2.93	3.04	4.58	4.25	4.42	4.87	4.56	4.70
23	4.21	3.63	3.87	3.73	3.12	3.38	4.59	4.34	4.45	5.01	4.71	4.84
24	4.33	4.11	4.25	4.12	3.63	3.82	4.63	4.32	4.47	5.00	4.78	4.91
25	4.29	4.03	4.16	4.36	4.05	4.20	4.86	4.42	4.63	4.97	4.72	4.81
26	4.08	3.49	3.76	4.36	4.13	4.24	4.73	4.16	4.44	4.80	4.64	4.71
27	3.52	3.30	3.39	4.35	4.10	4.22	4.16	3.79	3.93	4.75	4.58	4.66
28	3.52	3.33	3.41	4.43	4.27	4.35	4.12	3.73	3.88	4.64	4.41	4.48
29	3.93	3.49	3.74	4.43	4.20	4.29	4.39	4.12	4.23	4.72	4.42	4.53
30	---	---	---	4.20	3.96	4.05	5.01	4.39	4.84	5.15	4.65	4.95
31	---	---	---	4.05	3.41	3.78	---	---	---	5.18	4.79	5.03
MONTH	4.48	2.82	3.55	4.97	2.70	3.83	5.01	2.89	3.85	5.74	3.76	4.66
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4.89	4.67	4.81	4.45	4.16	4.30	4.29	3.94	4.11	3.79	3.59	3.69
2	4.95	4.70	4.84	4.42	4.15	4.29	4.26	3.88	4.07	3.76	3.67	3.73
3	4.87	4.55	4.73	4.37	4.11	4.24	4.14	3.77	3.91	3.91	3.74	3.82
4	4.64	4.36	4.49	4.40	4.09	4.24	3.92	3.73	3.80	4.09	3.81	3.96
5	4.44	4.14	4.29	4.40	4.11	4.25	3.88	3.33	3.66	4.04	3.79	3.92
6	4.39	4.11	4.22	4.32	4.09	4.17	3.52	3.13	3.32	3.79	3.49	3.66
7	4.47	4.21	4.31	4.16	3.93	4.03	3.39	3.07	3.25	3.52	3.21	3.41
8	4.47	4.26	4.37	4.11	3.90	3.98	3.69	3.34	3.52	3.39	3.13	3.26
9	4.45	4.27	4.35	4.18	3.91	4.06	4.12	3.51	3.93	3.69	3.18	3.43
10	4.42	4.29	4.37	4.15	3.95	4.03	4.07	3.87	3.97	3.69	3.42	3.55
11	4.46	4.17	4.31	4.18	3.91	4.02	4.19	3.79	3.98	3.82	3.48	3.62
12	4.32	4.13	4.22	4.04	3.82	3.91	4.13	3.60	3.82	4.13	3.71	3.89
13	4.45	4.13	4.28	3.98	3.66	3.78	3.60	3.14	3.30	4.30	3.99	4.13
14	4.55	4.22	4.38	3.94	3.63	3.78	3.32	3.02	3.18	4.45	4.26	4.32
15	4.81	4.39	4.57	4.07	3.68	3.85	3.46	3.11	3.25	4.41	3.05	3.86
16	4.88	4.62	4.75	3.96	3.66	3.86	3.62	3.23	3.40	4.21	3.08	3.74
17	4.77	4.51	4.61	3.92	3.62	3.76	3.71	3.33	3.50	4.38	4.21	4.26
18	4.58	4.29	4.42	3.79	3.50	3.62	3.83	3.51	3.65	4.40	4.06	4.27
19	4.43	4.14	4.27	3.69	3.38	3.52	4.06	3.74	3.88	4.30	4.05	4.16
20	4.24	3.99	4.10	3.87	3.51	3.66	4.24	3.94	4.09	4.41	4.05	4.27
21	4.21	3.96	4.09	3.98	3.70	3.82	3.96	3.68	3.88	4.53	4.26	4.40
22	4.34	4.06	4.20	3.95	3.66	3.76	3.89	3.63	3.78	4.59	4.33	4.45
23	4.37	4.21	4.28	3.84	3.47	3.59	3.98	3.67	3.80	4.97	4.42	4.73
24	4.62	4.18	4.36	3.68	3.43	3.53	4.13	3.73	3.89	4.99	4.80	4.90
25	4.68	4.36	4.48	3.68	3.50	3.59	4.10	3.79	3.92	4.80	4.48	4.62
26	4.39	4.12	4.23	3.71	3.34	3.53	4.09	3.75	3.91	4.48	4.14	4.26
27	4.40	4.13	4.23	3.67	3.39	3.52	4.00	3.72	3.85	4.16	3.92	4.04
28	4.35	4.06	4.18	3.90	3.40	3.60	4.03	3.70	3.86	4.03	3.62	3.84
29	4.41	4.07	4.20	3.94	3.54	3.71	3.96	3.67	3.84	3.77	3.51	3.59
30	4.45	4.11	4.27	4.00	3.67	3.82	3.90	3.67	3.79	3.85	3.65	3.77
31	---	---	---	4.17	3.78	3.94	3.87	3.62	3.71	---	---	---
MONTH	4.95	3.96	4.37	4.45	3.34	3.86	4.29	3.02	3.74	4.99	3.05	3.98

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2000 to current year.

SALINITY: October 2003 to September 2004.

WATER TEMPERATURE: November 2000 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Record excellent, except for Nov. 2-26, Mar. 22-Apr. 6, Aug. 3-26 when records good; Nov. 27-Dec. 1 when records fair.

SALINITY: Record excellent, except for Nov. 2-16, Mar. 22-Apr. 6, Aug. 3-26 when records good; Nov. 27-Dec. 1 when records fair.

WATER TEMPERATURE: Record good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 9,820 microsiemens/cm, Nov. 8, 2000; minimum recorded, 237 microsiemens/cm, May 16, 2004.

SALINITY: Maximum 1.0 ppt, Nov. 18, 2003; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum recorded, 35.4°C, July 28, 2002; minimum recorded, 3.3°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 2,050 microsiemens/cm, Nov. 18; minimum, 237 microsiemens/cm, May 16.

SALINITY: Maximum, 1.0 ppt, Nov. 18; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 26; minimum, 8.6°C, Jan. 11.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	884	818	850	1,210	1,190	1,200	1,370	1,210	1,290	729	525	617
2	889	839	868	1,210	1,160	1,180	1,420	1,100	1,320	698	492	600
3	887	854	871	1,180	1,130	1,150	1,420	626	1,210	751	631	688
4	903	861	888	1,160	1,130	1,140	1,240	832	1,050	861	719	790
5	899	888	893	1,150	1,120	1,130	1,100	863	983	942	820	888
6	907	897	902	1,120	1,080	1,100	1,340	982	1,170	975	572	837
7	915	899	908	1,110	1,070	1,090	1,170	1,040	1,090	884	547	640
8	916	900	908	1,100	1,070	1,080	1,110	1,000	1,050	669	567	634
9	915	892	903	1,080	1,060	1,070	1,320	996	1,120	929	558	653
10	903	846	879	1,070	1,020	1,050	1,270	480	867	1,000	525	701
11	877	826	859	1,040	1,000	1,020	927	454	732	708	554	629
12	865	815	839	1,010	964	981	898	560	657	602	496	529
13	909	829	861	1,030	990	997	915	560	680	746	494	559
14	946	845	904	1,050	990	1,020	809	691	755	692	496	562
15	976	845	921	1,080	1,040	1,060	854	704	766	566	496	527
16	1,070	934	988	1,110	1,070	1,090	827	630	736	694	519	576
17	1,030	916	986	1,080	1,060	1,070	956	658	809	674	615	651
18	1,030	867	948	2,050	1,060	1,740	986	619	746	729	565	645
19	1,010	886	939	1,670	1,110	1,280	982	710	820	923	543	768
20	951	895	919	1,390	1,120	1,230	1,020	719	871	903	604	762
21	978	923	954	1,400	1,210	1,300	765	688	735	907	666	805
22	996	907	956	1,310	1,170	1,250	760	554	652	902	603	704
23	1,030	880	986	1,310	1,220	1,280	744	527	602	885	497	680
24	1,040	991	1,010	1,660	1,120	1,350	938	555	688	679	565	622
25	1,050	1,020	1,040	1,620	1,240	1,390	955	515	655	670	645	661
26	1,020	981	1,000	1,340	1,190	1,240	618	535	582	651	632	642
27	1,260	971	1,070	1,360	1,200	1,310	644	568	597	936	632	793
28	1,260	1,090	1,160	1,350	932	1,090	644	507	548	924	647	786
29	1,210	1,080	1,160	1,450	1,280	1,340	731	578	652	776	480	628
30	1,220	1,140	1,200	1,320	1,240	1,280	775	654	717	587	482	530
31	1,230	1,140	1,200	---	---	---	706	508	620	528	487	505
MONTH	1,260	815	960	2,050	932	1,180	1,420	454	831	1,000	480	665

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	582	434	523	575	482	541	606	406	448	483	328	386
2	516	392	459	715	558	597	554	392	439	465	370	437
3	908	415	689	620	548	571	487	398	416	507	422	469
4	934	359	589	567	396	505	477	404	427	477	421	446
5	932	325	493	479	396	452	458	398	427	507	395	432
6	932	777	834	567	431	491	453	400	412	556	404	457
7	845	748	816	668	456	568	426	396	406	633	385	451
8	880	810	842	747	461	635	564	384	414	620	382	451
9	953	651	830	788	491	646	658	404	527	576	382	460
10	956	662	779	776	423	534	533	413	455	529	389	433
11	864	416	657	596	420	493	492	409	450	648	389	446
12	746	396	633	618	412	490	789	407	463	509	371	405
13	739	448	587	505	435	455	765	386	554	474	373	402
14	670	392	489	507	450	463	799	444	629	473	345	393
15	701	441	545	571	448	475	840	473	627	442	350	372
16	784	553	673	535	441	477	642	449	528	367	237	281
17	783	505	609	512	435	463	591	437	491	347	288	321
18	798	652	750	496	447	468	578	397	470	342	276	331
19	712	468	570	685	446	486	542	398	460	330	268	299
20	738	551	586	628	446	473	554	414	505	350	327	337
21	724	520	564	959	478	715	558	443	472	430	332	357
22	547	506	535	821	426	545	510	405	428	439	339	369
23	745	429	525	509	474	489	421	407	414	447	340	366
24	521	418	465	496	411	470	464	414	423	408	331	354
25	707	452	540	442	368	398	431	411	420	438	336	378
26	813	523	745	500	394	417	424	290	373	473	336	371
27	759	591	711	565	396	421	390	290	354	429	330	347
28	714	490	576	456	378	414	467	388	420	436	332	378
29	575	428	483	467	367	401	440	413	423	462	337	351
30	---	---	---	549	391	456	583	384	433	375	328	349
31	---	---	---	658	405	487	---	---	---	381	328	362
MONTH	956	325	624	959	367	500	840	290	457	648	237	387
	JUNE			JULY			AUGUST			SEPTEMBER		
1	393	350	367	457	374	409	391	378	385	503	361	430
2	513	335	356	491	369	413	552	378	445	508	365	398
3	489	335	389	489	374	420	667	444	545	713	362	444
4	477	356	405	473	374	413	533	425	492	735	381	486
5	436	357	405	491	368	401	454	388	406	574	426	487
6	496	374	430	524	370	411	601	383	506	702	435	574
7	482	352	395	489	375	418	622	399	510	779	479	625
8	489	372	411	571	381	449	416	407	410	779	487	589
9	507	370	416	460	382	414	454	396	422	614	404	516
10	444	386	401	489	435	452	444	415	431	566	378	435
11	476	364	404	482	380	422	430	396	417	450	419	433
12	513	365	403	528	399	450	628	378	490	495	428	470
13	459	352	381	531	419	454	591	373	495	495	464	474
14	580	351	375	499	397	429	600	363	464	475	431	459
15	629	342	430	449	384	412	448	363	411	635	405	486
16	381	276	347	432	364	375	435	395	416	581	386	431
17	464	354	396	390	365	374	411	395	402	426	386	406
18	412	355	379	513	324	381	403	388	395	398	387	395
19	426	361	385	511	356	441	409	376	393	413	398	408
20	438	343	393	406	355	375	381	335	361	436	402	416
21	427	338	364	366	356	360	439	364	387	456	433	444
22	349	337	341	550	361	427	447	404	424	462	438	452
23	352	342	346	599	365	484	426	345	392	449	413	429
24	395	338	350	567	387	474	389	330	352	431	411	423
25	702	343	426	406	374	380	361	340	349	448	418	436
26	604	406	491	559	376	425	382	344	358	526	439	482
27	406	362	376	561	377	429	366	356	361	571	448	520
28	580	368	399	440	387	408	395	363	371	616	499	564
29	580	343	463	423	395	405	390	346	371	693	547	641
30	480	364	410	462	387	414	457	374	430	547	477	509
31	---	---	---	408	383	390	593	418	492	---	---	---
MONTH	702	276	394	599	324	416	667	330	422	779	361	475

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.6	0.6	0.4	0.3	0.3
2	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.5	0.7	0.3	0.2	0.3
3	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.3	0.6	0.4	0.3	0.3
4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.4	0.5	0.4	0.4	0.4
5	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.4	0.4
6	0.4	0.4	0.4	0.6	0.5	0.5	0.7	0.5	0.6	0.5	0.3	0.4
7	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.3	0.3
8	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3
9	0.4	0.4	0.4	0.5	0.5	0.5	0.7	0.5	0.6	0.5	0.3	0.3
10	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.2	0.4	0.5	0.3	0.3
11	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.2	0.4	0.3	0.3	0.3
12	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.3
13	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.2	0.3
14	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.2	0.3
15	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.2	0.3
16	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3
17	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.3
18	0.5	0.4	0.5	1.0	0.5	0.9	0.5	0.3	0.4	0.4	0.3	0.3
19	0.5	0.4	0.5	0.8	0.5	0.6	0.5	0.3	0.4	0.5	0.3	0.4
20	0.5	0.4	0.5	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.4
21	0.5	0.5	0.5	0.7	0.6	0.6	0.4	0.3	0.4	0.4	0.3	0.4
22	0.5	0.4	0.5	0.7	0.6	0.6	0.4	0.3	0.3	0.4	0.3	0.3
23	0.5	0.4	0.5	0.7	0.6	0.6	0.4	0.3	0.3	0.4	0.2	0.3
24	0.5	0.5	0.5	0.8	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.3
25	0.5	0.5	0.5	0.8	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.3
26	0.5	0.5	0.5	0.7	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3
27	0.6	0.5	0.5	0.7	0.6	0.7	0.3	0.3	0.3	0.5	0.3	0.4
28	0.6	0.5	0.6	0.7	0.5	0.5	0.3	0.2	0.3	0.5	0.3	0.4
29	0.6	0.5	0.6	0.7	0.6	0.7	0.4	0.3	0.3	0.4	0.2	0.3
30	0.6	0.6	0.6	0.7	0.6	0.6	0.4	0.3	0.4	0.3	0.2	0.3
31	0.6	0.6	0.6	---	---	---	0.3	0.3	0.3	0.3	0.2	0.2
MONTH	0.6	0.4	0.5	1.0	0.5	0.6	0.7	0.2	0.4	0.5	0.2	0.3
FEBRUARY			MARCH			APRIL			MAY			
1	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
2	0.3	0.2	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
3	0.4	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
4	0.5	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	---	0.3	0.2	0.2
7	0.4	0.4	0.4	0.3	0.2	0.3	0.2	0.2	---	0.3	0.2	0.2
8	0.4	0.4	0.4	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2
9	0.5	0.3	0.4	0.4	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2
10	0.5	0.3	0.4	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2
11	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
12	0.4	0.2	0.3	0.3	0.2	0.2	0.4	0.2	0.2	0.3	0.2	0.2
13	0.4	0.2	0.3	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2
14	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2
15	0.3	0.2	0.3	0.3	0.2	0.2	0.4	0.2	0.3	0.2	0.2	0.2
16	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1
17	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2
18	0.4	0.3	0.4	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2
19	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2
20	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
21	0.4	0.3	0.3	0.5	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2
22	0.3	0.2	0.3	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
23	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
27	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
28	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	---	---	---	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
31	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
MONTH	0.5	0.2	0.3	0.5	0.2	0.2	0.4	0.1	0.2	0.3	0.1	0.2

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
6	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3
7	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.2	0.3
8	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.3
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
14	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
15	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
16	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
27	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
28	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
29	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
31	---	---	---	0.2	0.2	0.2	0.3	0.2	0.2	---	---	---
MONTH	0.3	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.2

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.2	21.6	22.4	23.5	22.4	23.0	15.0	13.3	14.2	15.7	13.4	14.5
2	22.4	21.0	21.7	24.1	22.6	23.3	14.7	13.6	14.2	16.4	14.7	15.6
3	21.6	20.1	20.9	23.6	22.6	23.1	16.3	13.8	14.6	18.5	16.0	17.0
4	22.6	20.6	21.4	23.6	22.6	23.2	16.0	15.2	15.5	19.7	17.6	18.7
5	25.1	22.3	23.5	24.5	23.2	23.8	15.7	14.2	15.1	19.7	16.2	19.0
6	24.6	24.0	24.2	25.3	23.4	24.3	14.2	10.9	12.1	16.2	11.1	13.2
7	26.0	23.6	24.7	24.7	23.3	24.0	12.0	10.3	11.1	11.3	9.0	10.4
8	25.5	25.0	25.2	23.3	22.3	22.7	13.0	10.8	11.8	10.5	9.7	10
9	25.8	24.9	25.3	22.6	20.9	22.0	14.2	12.1	13.0	11.8	10.0	10.7
10	25.4	24.6	24.9	22.3	21.4	21.8	13.8	12.1	13.0	11.1	9.3	10.1
11	24.6	24.0	24.3	23.7	21.4	22.5	12.5	11.2	11.9	11.0	8.6	9.8
12	25.1	23.5	24.2	24.8	22.9	23.8	12.5	11.1	11.8	10.6	9.5	10.0
13	24.9	24.2	24.5	24.3	20.5	22.8	12.6	12.0	12.3	12.9	10.1	11.3
14	25.9	24.4	25.0	20.5	18.1	19.0	12.5	11.0	11.9	15.3	10.6	12.3
15	25.2	22.5	23.5	19.9	17.8	18.8	12.6	10.6	11.6	14.9	12.6	13.5
16	23.8	21.6	22.8	21.8	19.2	20.0	13.4	12.0	12.6	13.9	12.3	13.1
17	24.6	22.4	23.4	22.2	20.2	21.1	12.9	9.6	10.8	14.3	13.2	13.8
18	23.8	22.1	22.9	22.0	20.2	21.5	11.5	9.3	10.4	16.2	14.2	14.9
19	22.7	21.7	22.2	20.2	17.3	18.4	11.6	10.0	10.9	15.0	12.9	14.0
20	23.0	21.5	22.2	18.2	15.8	17.1	11.5	9.6	10.7	12.9	10.7	11.9
21	24.0	22.0	22.8	19.1	16.6	17.7	12.2	9.9	11.1	12.6	10.8	11.8
22	24.3	22.4	23.3	20.2	18.3	19.1	13.8	11.1	12.3	12.9	10.8	11.8
23	25.2	22.5	23.7	21.0	18.7	19.8	14.2	12.4	13.1	14.0	12.0	12.9
24	25.9	23.8	24.8	20.2	14.8	16.9	13.8	11.7	12.7	14.8	12.9	13.9
25	25.2	24.4	24.7	15.6	13.4	14.5	12.7	11.2	11.7	15.6	14.2	14.8
26	24.9	24.2	24.5	15.8	14.3	15.0	12.8	10.7	11.6	15.4	14.6	14.9
27	24.2	20.9	22.3	16.9	15.6	16.3	13.5	11.6	12.5	14.7	11.5	13.3
28	21.6	20.3	20.8	17.0	13.4	15.2	14.8	12.5	13.5	11.5	9.1	10.2
29	22.5	20.0	21.1	13.7	11.8	13.0	15.4	14.4	15.0	10.8	9.3	10.2
30	23.0	20.9	21.8	15.0	12.0	12.8	14.9	13.2	13.9	11.5	10.8	11.1
31	23.6	21.8	22.7	---	---	---	14.1	12.4	13.3	11.4	10.7	11.1
MONTH	26.0	20.0	23.3	25.3	11.8	19.9	16.3	9.3	12.6	19.7	8.6	12.9
FEBRUARY			MARCH			APRIL			MAY			
1	11.4	10.2	10.8	19.1	16.1	17.5	22.3	19.5	20.9	24.0	20.3	22.1
2	12.0	10.8	11.4	20.6	18.0	19.2	23.0	20.2	21.5	23.7	22.6	23.2
3	12.2	10.5	11.5	21.5	19.6	20.5	22.9	20.8	21.8	23.8	21.2	22.6
4	12.2	10.4	11.2	22.1	20.0	21.0	23.2	20.9	22.0	24.3	21.2	22.4
5	15.4	11.8	13.4	21.9	20.8	21.3	22.8	20.4	21.8	25.8	20.8	23.3
6	15.6	14.7	15.3	26.7	21.4	23.6	23.1	20.7	21.8	28.1	24.0	25.4
7	14.7	11.8	12.9	24.9	22.1	22.8	23.9	21.7	22.5	28.5	25.4	26.5
8	12.4	10.2	11.0	22.2	19.2	20.5	25.0	22.7	23.8	29.3	26.2	27.5
9	13.2	10.0	11.3	20.9	18.1	19.3	26.8	23.9	25.1	28.7	27.5	28.1
10	13.3	12.1	12.5	19.2	15.7	17.4	27.1	24.9	26.0	28.1	26.2	27.3
11	13.5	12.4	12.9	19.5	16.0	17.6	25.9	24.1	24.8	27.2	25.9	26.6
12	14.1	12.4	13.6	20.8	17.6	18.7	24.3	20.7	22.9	26.7	24.9	25.9
13	12.4	11.2	11.8	20.4	18.6	19.5	20.7	17.2	18.6	26.9	24.3	25.3
14	11.8	10.9	11.3	19.6	19.0	19.3	19.9	16.6	18.4	27.1	25.4	26.2
15	12.0	9.2	10.5	19.8	19.0	19.3	22.4	18.1	19.7	26.4	24.3	25.2
16	13.2	10.1	11.5	22.2	19.3	20.5	24.3	19.7	21.6	25.7	23.4	24.5
17	12.8	10.1	11.6	22.0	19.6	20.7	25.0	21.3	23.0	26.7	24.9	25.7
18	13.5	11.2	12.4	22.6	19.9	21.3	25.4	22.6	23.8	26.6	24.5	25.6
19	14.9	11.9	13.3	24.9	21.2	22.6	25.6	22.8	24.4	28.0	24.8	26.2
20	16.3	13.3	14.7	25.6	22.5	24.0	25.2	23.4	24.4	30.4	26.0	27.9
21	17.0	15.2	16.0	25.3	23.1	24.2	25.1	22.9	24.0	32.7	27.6	29.3
22	17.2	15.0	16.1	23.1	18.6	20.4	25.4	23.4	24.4	31.4	28.6	29.8
23	16.6	15.6	16.1	20.1	18.1	19.1	26.2	24.4	25.3	29.1	27.3	28.4
24	15.7	15.0	15.5	19.8	18.2	19.1	26.6	24.9	25.8	29.6	27.5	28.4
25	16.5	14.8	15.6	20.8	18.7	19.6	26.1	24.9	25.6	30.1	27.7	28.7
26	16.0	12.9	14.4	21.8	19.6	20.6	24.9	23.1	23.9	29.8	27.8	28.7
27	14.3	12.1	13.2	22.0	20.6	21.2	24.6	22.2	23.2	28.8	26.8	27.9
28	15.4	12.9	14.1	22.9	20.8	21.9	24.4	22.4	23.6	29.4	27.0	28.1
29	17.0	14.0	15.2	24.4	21.9	23.0	23.9	22.7	23.4	29.8	27.9	28.8
30	---	---	---	24.8	22.3	23.4	23.7	21.5	22.6	29.7	28.6	29.0
31	---	---	---	23.1	21.7	22.4	---	---	---	29.9	28.0	29.0
MONTH	17.2	9.2	13.1	26.7	15.7	20.7	27.1	16.6	23.0	32.7	20.3	26.6

2951190901217 LAKE CATAOUATCHE AT WHISKEY CANAL SOUTH OF WAGGAMAN, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.1	28.6	29.2	30.7	28.9	29.9	32.0	30.6	31.2	30.0	28.4	29.2
2	29.2	28.1	28.7	30.0	28.9	29.5	31.6	30.4	31.1	30.8	28.9	29.6
3	29.0	27.2	28.3	31.8	28.7	30.0	31.0	29.3	30.1	29.7	28.1	29.0
4	29.4	27.7	28.4	33.8	29.9	31.4	33.3	29.9	31.3	29.4	28.0	28.6
5	29.6	28.0	28.5	33.8	31.2	32.5	32.7	30.8	31.8	29.7	28.2	28.9
6	31.0	27.2	28.7	32.9	31.5	32.2	31.7	30.5	31.0	31.1	28.1	29.5
7	30.5	27.2	29.1	32.8	30.8	31.4	30.7	28.5	29.6	30.6	28.9	29.7
8	30.0	28.6	29.3	31.1	29.7	30.3	30.4	28.7	29.6	30.3	28.5	29.5
9	31.3	29.1	30.0	30.3	28.8	29.5	30.7	28.6	29.4	30.0	28.8	29.5
10	32.0	29.9	30.9	29.9	29.0	29.3	30.6	29.5	30.1	30.5	28.6	29.5
11	33.1	29.7	31.1	31.4	28.8	29.6	31.1	29.4	30.1	30.8	29.0	29.9
12	33.0	30.1	31.4	30.8	29.6	30.2	30.3	28.6	29.6	30.1	28.9	29.4
13	32.1	30.6	31.3	30.7	29.0	29.8	28.6	25.8	26.8	28.9	28.1	28.6
14	30.6	28.9	29.8	32.0	29.4	30.1	26.9	24.5	25.7	29.4	27.8	28.5
15	30.5	28.0	29.3	33.0	29.6	31.1	27.3	24.7	26.1	28.6	25.6	27.3
16	30.8	28.1	29.8	32.0	30.5	31.2	26.8	25.5	26.1	27.6	24.6	26.2
17	33.7	28.7	30.4	31.4	29.4	30.5	28.6	25.9	27.0	31.1	26.7	28.2
18	33.2	30.3	31.7	31.2	28.5	29.9	31.7	27.4	28.7	30.5	28.2	29.0
19	32.3	30.7	31.4	30.3	29.0	29.7	32.4	29.4	30.8	28.2	26.7	27.3
20	31.8	29.7	30.7	33.6	29.2	31.0	31.8	30.0	30.8	27.8	26.4	27.0
21	31.5	30.4	31.0	32.3	31.0	31.7	31.7	29.8	30.6	27.0	26.2	26.6
22	31.3	29.6	30.5	33.7	30.9	32.0	31.8	29.9	30.6	26.5	25.3	25.9
23	31.4	29.5	30.4	33.2	31.8	32.4	33.2	29.9	31.3	26.2	24.9	25.5
24	30.6	29.4	30.1	32.3	30.8	31.6	32.6	30.9	31.8	26.8	25.4	26.1
25	29.4	27.8	28.6	31.9	30.9	31.4	33.0	30.5	31.8	27.3	25.8	26.6
26	28.2	27.2	27.6	31.6	30.3	31.0	34.0	31.2	32.6	27.4	25.8	26.6
27	30.1	27.3	28.6	30.8	29.1	30.1	33.1	31.5	32.2	27.4	25.8	26.5
28	30.4	28.4	29.2	32.8	29.2	30.9	31.9	30.7	31.2	27.6	25.5	26.6
29	30.2	27.7	28.9	32.1	30.8	31.4	31.2	29.3	30.1	27.0	25.7	26.3
30	30.6	28.0	29.5	32.4	30.6	31.3	29.4	27.9	28.5	27.5	25.9	26.7
31	---	---	---	32.1	31.0	31.5	29.6	27.0	28.2	---	---	---
MONTH	33.7	27.2	29.7	33.8	28.5	30.8	34.0	24.5	29.9	31.1	24.6	27.9

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA

LOCATION.--Lat 29° 51'24", long 89° 54'21", in sec. 27, T. 14 S., R. 13 E., St. Bernard Parish, Hydrologic Unit 08090203, on a four-pipe platform, 500 yards downstream of the outfall channel of the Caernarvon control diversion structure.

PERIOD OF RECORD.--January 2001 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 0.15 ft below NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 9,800 ft³/s, Feb. 22, 2003; maximum recorded gage height, 6.00 ft, Sept. 26, 2002; but may have been higher during period of missing record, Sept. 26-30, 2002; maximum negative discharge, -1,330 ft³/s, Feb. 8, 2001; minimum gage height, -1.16 ft, Mar. 6, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 7,900 ft³/s, Mar. 18; maximum gage height, 3.21 ft, Feb. 8; maximum negative discharge, -1,030 ft³/s, May 27; minimum gage height, -0.41 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,810	1,270	1,590	36	4,870	6,530	5,930	638	-45	142	172	24
2	2,790	1,170	2,280	32	4,730	6,960	2,420	745	49	105	101	191
3	1,840	1,220	4,290	41	4,950	6,420	252	732	140	73	313	105
4	1,870	1,630	5,080	-4.0	4,830	5,030	441	134	127	112	---	218
5	1,820	1,420	5,540	27	5,080	739	412	167	55	94	---	221
6	1,900	1,420	5,530	520	5,050	961	377	138	104	92	---	-26
7	2,120	1,580	5,570	2,090	5,170	1,040	422	97	77	66	---	116
8	2,030	1,700	5,890	2,310	4,730	1,080	421	138	166	---	---	-45
9	2,120	1,510	2,900	2,580	500	904	409	145	146	82	---	2.3
10	2,070	1,570	1,880	2,670	432	838	405	114	35	91	---	70
11	2,040	1,210	2,730	2,860	510	801	421	203	71	88	38	38
12	2,210	1,270	2,190	3,050	358	820	487	26	60	45	103	87
13	1,590	1,690	2,010	3,240	488	862	619	67	154	57	55	206
14	1,480	1,500	1,980	3,310	582	841	448	140	72	104	112	212
15	1,790	115	1,820	3,460	697	888	347	113	-29	239	121	-18
16	---	160	1,780	3,610	546	831	444	128	-18	810	854	350
17	---	154	1,860	3,620	569	764	401	109	164	930	1,120	277
18	---	11	1,980	3,630	493	1,300	387	81	-10	937	1,010	85
19	---	244	2,100	3,750	3,500	6,720	373	146	-21	898	953	45
20	---	147	2,060	4,100	1,890	6,240	334	143	-1.3	876	849	---
21	---	144	2,120	4,350	-0.95	6,130	273	24	73	838	890	---
22	---	120	2,130	4,540	46	6,400	295	-28	45	849	882	---
23	---	36	2,180	4,750	61	6,190	583	-67	15	891	809	---
24	1,190	276	2,230	4,720	30	6,100	521	-36	-41	907	766	---
25	1,130	671	2,380	4,660	3,360	6,000	500	33	133	889	743	---
26	1,260	960	2,210	4,660	6,290	6,250	608	-42	186	904	708	---
27	1,510	1,420	2,040	4,550	6,690	6,440	686	-40	20	932	735	---
28	1,510	1,600	2,060	4,190	6,410	6,200	661	40	43	901	526	1,280
29	1,260	1,540	2,090	4,670	6,010	5,110	661	-97	81	517	188	1,350
30	1,110	1,560	2,050	4,970	---	3,360	578	-202	132	143	111	1,370
31	1,150	---	713	4,970	---	5,850	---	13	---	142	104	---
TOTAL	---	29,318	83,263	95,962.0	78,871.05	114,599	21,116	3,802	1,982.7	---	---	---

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.29	1.79	1.38	1.24	2.34	2.74	2.53	1.21	0.49	1.25	1.19	1.02
2	2.34	1.80	1.55	0.70	2.61	2.90	1.70	1.43	1.10	1.28	1.14	0.98
3	2.23	1.73	2.29	0.47	2.84	2.84	0.81	1.34	1.18	1.26	0.99	1.12
4	2.18	1.79	2.64	0.29	2.62	2.58	0.57	0.76	0.95	1.16	---	1.39
5	2.09	1.96	2.82	0.45	2.55	1.96	0.63	0.52	0.67	1.01	0.92	1.39
6	1.99	1.79	2.84	0.86	2.75	1.73	0.79	0.37	0.82	1.05	0.72	1.11
7	1.98	1.67	2.87	1.78	3.05	1.49	0.69	0.49	1.13	0.99	0.91	0.66
8	1.99	1.69	2.97	1.74	3.07	1.22	0.44	0.37	1.10	---	1.48	0.40
9	1.99	1.71	2.56	1.72	1.84	0.67	0.37	0.26	0.88	0.91	1.90	0.57
10	2.28	1.83	1.94	1.87	1.34	0.60	0.48	0.48	0.85	0.94	1.62	0.89
11	2.38	1.82	2.11	1.95	1.19	0.52	0.62	1.09	0.75	0.93	1.33	1.05
12	2.41	1.81	1.89	1.92	1.47	0.51	1.09	1.83	0.75	0.81	1.16	1.36
13	2.32	1.76	1.93	1.85	1.32	0.62	0.85	1.76	0.93	0.66	1.03	1.59
14	2.20	1.85	1.99	1.69	1.11	0.87	0.37	1.18	1.14	0.72	1.12	1.81
15	2.07	1.64	1.82	1.64	1.15	0.89	0.10	1.44	1.09	0.72	1.11	2.00
16	---	1.60	1.82	1.61	1.04	0.83	0.37	1.44	1.20	0.81	1.24	2.64
17	---	1.64	2.02	1.54	1.18	0.73	0.57	1.27	1.19	0.76	1.30	2.76
18	---	1.80	1.84	1.69	1.08	0.95	0.85	1.23	1.09	0.67	1.24	2.37
19	---	1.44	1.94	1.89	1.47	2.07	1.00	1.29	1.11	0.63	1.22	2.05
20	---	1.00	2.01	2.06	1.31	2.17	0.88	1.28	1.05	0.83	1.23	2.00
21	---	0.97	2.03	2.15	0.38	2.16	0.70	0.83	0.97	0.98	1.08	2.23
22	---	1.09	1.92	2.30	0.56	2.69	0.66	0.83	0.94	0.96	1.01	2.48
23	---	1.28	1.85	2.43	0.61	2.89	0.86	1.01	0.85	0.89	1.06	2.90
24	1.34	0.97	1.98	2.22	0.71	2.88	0.98	0.82	0.93	0.86	1.07	3.02
25	1.44	1.18	2.08	2.02	1.60	2.64	1.14	0.93	1.13	0.91	1.06	2.66
26	1.53	1.55	2.13	2.15	2.67	2.52	1.13	0.79	1.13	0.92	1.06	2.31
27	1.54	1.87	1.97	2.51	3.02	2.40	1.07	0.40	1.15	0.94	1.13	2.05
28	1.62	1.73	1.91	2.51	3.01	2.34	1.20	0.36	1.24	0.95	1.21	1.83
29	1.62	1.54	2.02	2.28	2.76	2.28	1.47	0.36	1.40	0.97	1.13	1.61
30	1.66	1.44	2.27	2.22	---	1.87	1.51	0.68	1.37	0.87	1.10	1.55
31	1.66	---	1.86	2.29	---	2.39	---	0.78	---	1.04	1.05	---
MAX	---	1.96	2.97	2.51	3.07	2.90	2.53	1.83	1.40	---	---	3.02
MIN	---	0.97	1.38	0.29	0.38	0.51	0.10	0.26	0.49	---	---	0.40

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 2002 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: October 2002 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Jan. 11-22, Mar. 16-Apr. 1, Jun. 25-Jul. 8, 10-12, and Sep. 13-20 when records good.

SALINITY: Records excellent except for Jan. 11-22, Mar. 16-Apr. 1, Jun. 25-Jul. 8, 10-12, and Sep. 13-20 when records good..

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 5,320 microsiemens/cm, Sept. 27, 2004; minimum recorded, 177 microsiemens/cm, May 11, 2004.

SALINITY: Maximum, 2.9 ppt, Sept. 27, 2004; minimum, 0.1 ppt, on many days, 2003.

WATER TEMPERATURE: Maximum recorded, 33.4°C, Aug. 26, 2003; minimum recorded, 4.5°C, Feb. 18, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 5,320 microsiemens/cm, Sept. 27; minimum, 177 microsiemens/cm, May 11.

SALINITY: Maximum, 2.9 ppt, Sept. 27; minimum, 0.1 ppt, on many days.

WATER TEMPERATURE: Maximum, 31.8°C, Aug. 1; minimum, 4.5°C, Feb. 18.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	409	387	399	457	426	443	426	389	405	399	373	385
2	408	399	404	458	449	453	389	365	383	412	377	390
3	423	408	416	452	438	446	376	362	368	412	379	388
4	433	416	427	448	432	443	362	344	351	388	379	383
5	442	431	437	454	431	443	357	342	349	395	381	384
6	436	425	432	462	451	455	346	333	340	393	376	383
7	428	415	424	469	452	461	338	326	334	393	376	385
8	423	412	419	471	460	466	334	324	328	395	388	391
9	417	403	412	479	458	468	342	326	332	390	385	387
10	405	386	398	469	453	462	360	312	325	385	372	378
11	389	381	385	470	453	459	317	310	313	372	359	363
12	393	388	390	476	457	464	323	314	318	360	352	356
13	399	387	393	493	464	478	337	320	330	367	356	361
14	401	393	396	494	481	488	332	321	328	369	363	366
15	401	390	395	494	490	492	336	329	332	377	366	370
16	---	---	---	496	493	494	349	328	338	391	370	384
17	---	---	---	496	490	493	343	336	340	395	382	389
18	---	---	---	490	479	483	349	339	345	390	373	382
19	---	---	---	488	480	483	362	347	354	378	361	371
20	---	---	---	487	475	479	374	360	368	362	346	356
21	---	---	---	476	470	474	382	369	375	346	325	338
22	---	---	---	472	467	470	387	370	379	325	313	318
23	---	---	---	470	467	469	387	366	378	316	310	312
24	470	442	461	472	462	467	387	369	376	315	309	312
25	471	439	461	475	461	467	401	378	388	321	312	316
26	471	447	462	476	459	465	412	401	407	324	317	320
27	466	347	447	462	451	454	414	406	411	327	321	325
28	380	312	338	456	433	445	406	392	398	325	318	321
29	349	316	339	443	430	437	393	380	388	329	323	326
30	381	347	368	436	421	428	388	368	377	337	327	332
31	426	381	404	---	---	---	381	367	375	351	333	345
MONTH	---	---	---	496	421	464	426	310	359	412	309	359

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	354	346	351	304	293	297	327	319	323	319	307	317
2	351	342	346	310	301	307	332	325	328	318	308	313
3	351	337	345	310	302	305	346	329	336	308	277	292
4	345	336	341	317	305	308	353	341	347	282	276	278
5	339	325	334	320	286	312	359	347	352	293	269	276
6	333	322	326	336	284	316	361	351	356	297	275	286
7	328	318	323	339	320	328	360	349	354	294	270	281
8	322	311	318	352	335	343	355	347	350	288	272	277
9	323	311	316	355	348	353	358	346	353	276	263	270
10	330	304	315	368	354	361	364	353	359	277	265	270
11	344	308	327	372	352	363	376	341	366	274	177	249
12	330	310	318	363	355	358	372	353	363	259	218	243
13	333	321	327	363	326	345	354	345	350	247	230	239
14	336	309	327	367	326	351	356	344	347	246	238	242
15	316	300	309	365	337	350	354	345	349	258	240	246
16	316	296	303	399	361	382	355	347	351	267	239	250
17	336	308	318	416	358	388	358	349	353	251	231	241
18	357	311	326	441	375	423	362	356	359	245	233	239
19	364	304	330	436	384	412	370	361	367	---	---	---
20	363	306	335	384	357	368	371	364	368	---	---	---
21	380	306	343	358	353	355	366	355	362	---	---	---
22	376	310	346	367	354	359	361	352	357	---	---	---
23	368	305	316	370	362	365	354	344	348	---	---	---
24	416	331	367	371	356	362	347	343	345	---	---	---
25	353	289	312	359	342	353	345	338	342	---	---	---
26	292	283	288	344	331	338	341	333	338	---	---	---
27	291	281	285	333	325	328	341	334	337	---	---	---
28	292	283	288	339	319	326	340	331	337	---	---	---
29	295	289	292	332	314	322	331	321	325	---	---	---
30	---	---	---	323	313	317	322	315	318	---	---	---
31	---	---	---	323	316	319	---	---	---	---	---	---
MONTH	416	281	323	441	284	346	376	315	348	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	711	370	431	---	---	---	488	480	484
2	---	---	---	505	420	465	---	---	---	490	483	486
3	---	---	---	630	450	537	---	---	---	490	482	487
4	---	---	---	666	349	422	---	---	---	501	483	490
5	---	---	---	614	343	428	---	---	---	500	486	491
6	---	---	---	696	346	438	---	---	---	493	487	489
7	---	---	---	681	345	468	---	---	---	491	488	490
8	---	---	---	528	366	403	---	---	---	490	471	481
9	---	---	---	396	366	376	---	---	---	480	472	477
10	---	---	---	---	---	---	---	---	---	477	467	470
11	---	---	---	---	---	---	---	---	---	472	456	466
12	---	---	---	---	---	---	---	---	---	473	461	468
13	---	---	---	---	---	---	---	---	---	494	458	471
14	---	---	---	---	---	---	---	---	---	786	465	525
15	---	---	---	---	---	---	---	---	---	2,510	786	1,650
16	398	385	391	---	---	---	---	---	---	4,520	2,470	3,390
17	396	378	391	---	---	---	---	---	---	5,040	4,080	4,710
18	394	370	383	---	---	---	439	428	433	4,680	4,300	4,540
19	392	368	378	---	---	---	430	417	425	4,730	4,560	4,670
20	381	363	373	---	---	---	424	410	420	4,780	1,090	3,460
21	378	317	362	---	---	---	433	415	423	1,090	442	579
22	371	280	334	---	---	---	460	433	440	1,120	459	569
23	363	248	290	---	---	---	475	460	469	2,320	1,120	1,710
24	387	263	301	---	---	---	488	473	481	5,100	2,320	3,890
25	463	363	387	---	---	---	500	481	494	4,980	3,450	4,460
26	450	360	394	---	---	---	508	496	504	5,270	4,700	5,010
27	601	348	461	---	---	---	507	435	459	5,320	432	2,930
28	475	365	393	---	---	---	455	371	402	434	428	431
29	474	361	379	---	---	---	443	385	420	433	426	428
30	467	370	404	---	---	---	471	442	458	437	424	429
31	---	---	---	---	---	---	484	469	476	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	5,320	424	1,650

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
MONTH	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
6	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
16	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
25	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
26	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
27	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
28	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
30	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
31	---	---	---	0.2	0.2	0.2	---	---	---	---	---	---
MONTH	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	---	---	---

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
2	---	---	---	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
3	---	---	---	0.3	0.2	0.3	---	---	---	0.2	0.2	0.2
4	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
5	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
6	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
7	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
8	---	---	---	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
9	---	---	---	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
10	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
11	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
12	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
13	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
14	---	---	---	---	---	---	---	---	---	0.4	0.2	0.3
15	---	---	---	---	---	---	---	---	---	1.3	0.4	0.8
16	0.2	0.2	0.2	---	---	---	---	---	---	2.4	1.3	1.8
17	0.2	0.2	0.2	---	---	---	---	---	---	2.7	2.2	2.5
18	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	2.5	2.3	2.4
19	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	2.5	2.4	2.5
20	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	2.6	0.5	1.8
21	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.5	0.2	0.3
22	0.2	0.1	0.2	---	---	---	0.2	0.2	0.2	0.6	0.2	0.3
23	0.2	0.1	0.1	---	---	---	0.2	0.2	0.2	1.2	0.6	0.9
24	0.2	0.1	0.2	---	---	---	0.2	0.2	0.2	2.7	1.2	2.1
25	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	2.7	1.8	2.4
26	0.2	0.2	0.2	---	---	---	0.3	0.2	0.2	2.8	2.5	2.7
27	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2	2.9	0.2	1.6
28	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
31	---	---	---	---	---	---	0.2	0.2	0.2	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	2.9	0.2	0.9

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	25.5	25.7	21.2	20.8	20.9	14.0	13.5	13.7	12.2	8.6	9.9
2	25.7	25.0	25.4	20.9	20.6	20.8	13.8	13.2	13.5	15.2	11.4	13.0
3	25.2	24.7	25.0	21.0	20.4	20.7	13.4	13.0	13.2	16.9	13.0	14.5
4	25.1	24.6	24.8	20.9	20.5	20.7	13.0	12.5	12.8	19.5	14.8	16.6
5	24.9	24.4	24.6	20.9	20.7	20.8	12.6	12.2	12.4	18.2	16.1	17.1
6	24.5	24.1	24.3	20.9	20.5	20.7	12.2	11.8	12.0	16.1	7.8	13.7
7	24.2	23.8	24.0	20.6	20.4	20.6	11.8	11.3	11.7	8.3	7.7	7.9
8	24.0	23.6	23.8	20.7	20.3	20.5	11.3	10.8	11.1	8.0	7.9	7.9
9	23.7	23.4	23.6	20.8	20.2	20.4	12.5	10.6	11.2	8.3	7.8	8.0
10	23.4	23.3	23.4	20.6	20.2	20.3	12.2	10.1	11.0	8.2	7.8	7.9
11	23.3	23.1	23.2	22.2	20.2	20.6	10.4	10.0	10.1	8.3	7.8	7.9
12	23.4	23.0	23.2	22.1	20.2	20.6	10.4	9.9	10.0	8.2	7.7	7.9
13	23.7	22.9	23.1	20.3	19.7	20.1	10.2	9.7	9.9	8.1	7.7	7.8
14	23.4	22.5	23.0	19.9	19.2	19.6	9.9	9.4	9.6	8.1	7.6	7.7
15	22.8	22.1	22.5	20.2	18.9	19.4	10.1	9.3	9.5	7.7	7.4	7.5
16	---	---	---	20.5	19.7	19.9	9.8	9.1	9.5	7.8	7.4	7.6
17	---	---	---	21.7	20.1	20.8	9.7	8.9	9.2	7.8	7.4	7.6
18	---	---	---	21.9	20.7	21.6	9.6	8.9	9.1	7.7	7.3	7.4
19	---	---	---	20.8	19.5	20.1	9.4	8.8	9.0	7.5	7.2	7.3
20	---	---	---	19.5	18.4	19.0	9.3	8.6	8.8	7.3	7.0	7.1
21	---	---	---	18.9	17.9	18.4	9.2	8.5	8.7	7.2	6.8	6.9
22	---	---	---	19.6	18.3	18.8	9.2	8.6	8.7	6.9	6.4	6.7
23	---	---	---	20.1	18.8	19.4	8.8	8.4	8.6	6.5	6.1	6.3
24	22.2	21.6	21.8	19.8	15.7	17.9	8.8	8.2	8.3	6.3	6.1	6.2
25	22.1	21.6	21.8	16.5	15.6	15.9	8.5	8.1	8.2	6.6	6.2	6.4
26	22.2	21.6	21.7	16.2	15.6	15.8	8.6	8.0	8.2	6.5	6.3	6.4
27	21.6	21.2	21.3	15.7	15.2	15.5	8.4	7.8	8.0	6.4	6.1	6.2
28	21.5	21.0	21.2	15.3	14.4	14.8	8.3	7.7	7.9	6.6	6.1	6.3
29	22.7	20.8	21.3	14.7	14.1	14.4	8.2	7.8	7.9	6.5	6.1	6.3
30	22.5	21.0	21.4	14.4	13.8	14.1	8.2	7.6	7.8	6.6	6.4	6.5
31	21.8	20.9	21.1	---	---	---	9.1	7.6	8.2	6.6	6.5	6.6
MONTH	---	---	---	22.2	13.8	19.1	14.0	7.6	9.9	19.5	6.1	8.5
FEBRUARY			MARCH			APRIL			MAY			
1	6.8	6.6	6.7	8.5	7.9	8.2	15.0	14.4	14.7	20.1	18.6	19.1
2	6.9	6.6	6.7	8.8	8.3	8.5	15.6	14.6	14.9	19.3	18.6	18.9
3	6.9	6.5	6.6	9.2	8.7	9.0	15.5	14.6	15.0	19.3	18.3	18.8
4	6.7	6.5	6.6	9.9	9.1	9.5	15.7	14.7	15.1	20.6	18.0	18.8
5	7.0	6.6	6.8	10.8	9.9	10.3	15.7	14.8	15.2	22.4	19.5	20.5
6	7.0	6.7	6.8	10.9	10.3	10.6	17.1	15.0	15.9	23.7	21.2	22.2
7	6.9	6.3	6.6	11.4	10.6	10.9	16.1	15.3	15.6	24.2	21.9	23.1
8	6.3	6.1	6.2	11.7	10.6	11.0	16.2	15.4	15.7	25.1	22.7	23.6
9	7.3	6.2	6.6	12.6	10.8	11.4	16.4	15.5	15.8	25.1	22.3	23.7
10	6.8	6.2	6.4	12.5	11.0	11.5	18.0	15.5	16.4	25.5	23.4	24.5
11	7.1	6.3	6.6	12.3	11.3	11.7	16.9	15.6	15.9	25.2	21.4	23.7
12	7.1	5.9	6.2	12.9	11.5	12.1	16.0	15.5	15.7	22.7	20.7	21.9
13	6.0	5.6	5.8	13.3	12.0	12.4	16.2	15.1	15.5	26.0	21.9	23.3
14	6.3	5.6	5.8	12.8	12.4	12.5	16.5	15.1	15.7	26.5	25.1	25.7
15	6.7	5.3	5.8	12.9	12.4	12.5	18.6	15.2	16.4	26.2	24.2	25.1
16	6.8	4.9	5.5	13.1	12.2	12.6	17.6	15.1	16.0	26.0	23.8	24.6
17	6.0	4.6	5.0	13.4	12.0	12.5	17.4	15.1	15.9	27.1	25.3	26.2
18	6.2	4.5	5.0	12.6	11.8	12.1	17.4	15.0	16.1	27.1	26.2	26.7
19	5.4	4.6	5.0	12.0	11.7	11.8	18.0	15.1	16.3	28.6	26.2	27.1
20	9.6	5.2	6.8	12.2	11.8	11.9	17.3	15.6	16.4	30.0	27.3	28.3
21	9.6	7.8	8.7	12.3	11.8	12.0	17.9	15.9	16.8	29.7	27.4	28.5
22	11.2	8.6	9.6	12.4	12.0	12.2	20.1	16.6	18.0	30.0	27.5	28.7
23	13.8	10.5	11.9	12.5	12.1	12.3	19.8	17.1	18.2	28.9	28.1	28.5
24	13.4	10.8	12.1	12.6	12.2	12.4	20.2	17.6	18.6	29.7	27.6	28.3
25	11.8	6.7	8.7	13.0	12.5	12.7	18.9	17.9	18.4	30.2	27.9	28.6
26	7.0	6.8	7.0	13.2	12.7	13.0	18.8	18.0	18.2	30.1	28.1	28.8
27	7.5	7.0	7.2	13.6	13.0	13.3	19.2	18.1	18.6	30.2	27.8	28.7
28	7.6	7.2	7.4	14.0	13.4	13.7	20.3	18.2	18.9	30.6	27.8	29.0
29	8.0	7.4	7.7	14.3	13.8	14.0	19.3	18.4	18.7	29.2	28.2	28.6
30	---	---	---	14.7	14.0	14.3	18.8	18.6	18.7	28.5	27.9	28.2
31	---	---	---	14.8	14.3	14.5	---	---	---	29.3	27.8	28.4
MONTH	13.8	4.5	7.0	14.8	7.9	11.9	20.3	14.4	16.6	30.6	18.0	25.2

295124089542100 CAERNARVON OUTFALL NEAR CAERNARVON, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.2	28.0	28.6	29.9	28.6	29.2	31.8	30.3	30.6	29.7	28.2	28.6
2	29.1	28.2	28.5	29.6	28.7	29.0	31.7	30.5	30.9	29.9	28.7	29.2
3	28.5	27.6	28.0	28.7	28.0	28.5	31.1	29.9	30.6	30.0	28.9	29.4
4	28.1	27.5	27.8	30.6	28.2	28.9	30.7	29.7	30.0	29.8	28.9	29.1
5	28.1	27.2	27.7	31.6	29.6	30.4	31.0	29.8	30.3	29.2	28.6	28.9
6	27.7	26.8	27.2	31.1	29.7	30.2	31.1	29.8	30.3	29.6	28.8	29.2
7	28.3	26.9	27.4	30.0	28.9	29.4	30.9	29.6	30.1	29.6	28.6	29.1
8	29.6	27.7	28.4	29.0	28.0	28.3	---	---	---	29.6	28.2	29.1
9	30.8	28.5	29.3	29.2	27.8	28.3	---	---	---	29.6	28.7	29.1
10	31.0	29.7	30.2	29.1	28.1	28.5	---	---	---	29.7	28.7	29.1
11	31.0	29.3	30.1	28.5	27.8	28.2	---	---	---	29.7	29.0	29.4
12	30.5	28.6	29.7	29.7	27.6	28.3	---	---	---	29.8	29.3	29.5
13	29.9	29.0	29.6	29.8	27.9	28.5	---	---	---	30.0	28.9	29.3
14	29.5	28.2	28.7	29.3	28.4	28.9	---	---	---	29.8	28.8	29.2
15	29.7	27.7	28.6	31.5	28.5	29.4	---	---	---	28.8	27.0	28.2
16	30.4	28.8	29.5	28.8	28.3	28.5	---	---	---	27.0	25.0	25.8
17	30.9	29.0	29.6	29.4	28.4	28.8	---	---	---	26.2	25.4	25.8
18	30.9	29.0	29.8	29.5	28.6	29.0	28.3	27.4	27.8	27.6	26.1	27.0
19	30.6	28.8	29.6	29.8	28.9	29.3	28.3	27.5	27.8	27.7	27.5	27.6
20	29.3	28.3	28.8	29.7	29.1	29.4	28.7	27.6	28.0	28.5	27.2	27.7
21	29.7	28.5	28.9	29.7	29.2	29.5	28.4	27.7	28.0	27.6	27.1	27.3
22	31.0	28.4	29.2	29.9	29.3	29.6	28.6	27.7	28.0	27.3	26.9	27.2
23	30.5	29.1	29.7	30.0	29.4	29.7	28.9	27.8	28.2	27.1	26.5	26.8
24	30.6	29.0	29.6	30.1	29.6	29.8	29.1	28.0	28.4	27.3	26.1	26.6
25	29.0	28.5	28.6	30.2	29.7	29.9	28.9	28.0	28.4	27.1	26.7	26.8
26	28.5	27.6	28.0	30.4	29.7	30.0	29.0	28.1	28.5	27.7	26.6	27.0
27	29.2	27.3	28.0	30.2	29.6	29.9	28.8	28.1	28.3	27.0	25.9	26.6
28	28.6	28.0	28.4	30.2	29.5	29.8	28.6	28.1	28.3	26.5	25.8	26.2
29	28.0	27.5	27.7	30.2	29.6	29.9	28.9	28.0	28.3	26.4	25.9	26.1
30	29.4	27.6	28.2	30.5	29.6	29.9	28.3	27.8	28.1	26.2	25.8	25.9
31	---	---	---	30.7	30.0	30.4	28.7	27.8	28.1	---	---	---
MONTH	31.0	26.8	28.8	31.6	27.6	29.3	---	---	---	30.0	25.0	27.9

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA

LOCATION.--Lat 29° 55'00", long 90° 19'04", Jefferson Parish, Hydrologic Unit 08090301, at U.S. Highway 90 bridge, 11.5 miles from Boutte.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 2002 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 7.1 ft below NAVD 88. Prior to June 15, 2004, datum of gage is 6.96 ft below NAVD 88.

REMARKS.--Mean daily discharge computed only during periods when control structure is open. No estimated daily discharge. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded positive discharge, 11,500 ft³/sec, Nov. 30, 2003; maximum recorded gage height, 11.54 ft, Dec. 2, 2003; maximum recorded negative discharge, -995 ft³/sec, July 28, 2004; minimum recorded gage height, 4.79 ft, Feb. 12, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 11,500 ft³/s, Nov. 30, maximum gage height, 11.54 ft, Dec. 2; maximum recorded negative discharge, -995 ft³/s, July 28; minimum gage height, 4.79 ft, Feb. 12.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	50	9,970	40	2,450	746	999	1,160	106	72	35	29
2	-5.6	15	7,710	61	2,540	1,030	1,030	1,010	101	113	-41	610
3	-41	-74	4,500	76	2,480	1,030	1,000	992	22	14	-159	1,140
4	-118	-22	18	104	2,490	956	948	963	-73	57	-26	1,240
5	8.1	-85	1,010	207	2,750	985	1,050	1,090	25	117	-32	1,300
6	-131	-76	2,030	2.2	2,640	956	1,130	1,160	-3.1	75	70	1,320
7	54	51	2,050	13	2,610	900	938	813	62	-7.4	-55	1,280
8	-50	37	2,630	161	2,640	917	1,000	62	103	93	-78	1,170
9	60	23	3,460	403	2,770	922	1,080	130	53	163	9.4	1,140
10	-12	-4.2	3,350	423	891	1,010	1,200	144	41	73	-112	1,080
11	84	7.1	2,980	432	---	1,210	1,060	88	-73	95	32	1,040
12	41	50	2,770	---	---	945	1,390	54	8.8	44	0.25	1,130
13	-54	37	2,750	---	---	1,000	526	64	47	-5.0	45	557
14	-63	-19	2,610	2,750	---	1,240	896	43	-114	43	65	7.6
15	14	15	1,710	2,660	---	1,150	1,900	70	110	213	36	5.2
16	34	24	440	2,700	---	1,050	1,140	71	155	68	98	-156
17	6.0	-8.1	2,220	2,820	---	1,200	1,160	103	70	-53	414	-3.9
18	43	9.2	1,930	2,920	1,060	1,270	1,160	-17	-21	17	473	-165
19	20	-85	-27	2,830	993	1,260	1,150	60	-5.6	-56	464	-96
20	-61	-5.0	4.5	2,730	198	1,290	1,100	33	-52	54	545	249
21	-111	17	40	2,670	134	1,230	1,140	6.0	151	174	399	821
22	-100	3.0	45	2,660	174	1,150	1,110	82	125	23	332	862
23	72	-15	17	2,700	157	1,160	1,170	114	120	-135	417	337
24	11	-112	35	2,740	126	1,500	1,120	213	116	-86	424	518
25	11	11	-3.3	2,760	-19	913	1,030	245	61	-20	415	827
26	36	-10	27	2,660	-17	1,120	916	272	33	110	527	759
27	-34	18	-12	2,490	101	1,120	986	216	125	-73	391	846
28	-15	-146	4.1	2,520	170	1,120	1,120	142	86	139	335	1,820
29	23	-3.1	-35	2,600	74	998	1,150	125	29	78	244	2,190
30	29	4,990	58	2,590	---	957	1,100	44	72	-6.6	27	2,030
31	56	---	-0.03	2,510	---	867	---	67	---	48	-109	---
TOTAL	-190.9	4,692.9	54,291.27	---	---	33,202	32,699	9,619.0	1,480.1	1,441.0	5,185.65	23,886.9

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.57	8.36	11.10	8.54	10.25	8.73	9.52	10.09	8.83	8.73	8.36	8.92
2	8.55	8.34	11.46	8.50	10.22	8.99	9.54	10.00	8.85	8.70	8.47	9.03
3	8.48	8.33	11.20	8.48	10.17	9.10	9.53	9.92	8.90	8.67	8.53	9.46
4	8.45	8.32	10.39	8.45	10.24	9.21	9.53	9.87	8.88	8.65	8.47	9.62
5	8.43	8.31	9.96	8.38	10.40	9.30	9.53	9.84	8.84	8.62	8.42	9.72
6	8.39	8.30	10.01	8.29	10.29	9.34	9.55	9.82	8.80	8.60	8.37	9.79
7	8.39	8.29	10.07	8.28	10.21	9.33	9.59	9.76	8.76	8.57	8.33	9.83
8	8.40	8.27	10.16	8.33	10.22	9.32	9.56	9.49	8.73	8.57	8.30	9.79
9	8.37	8.26	10.40	8.64	10.23	9.32	9.58	9.30	8.69	8.56	8.42	9.80
10	8.59	8.26	10.48	8.74	10.07	9.34	9.60	9.17	8.65	8.55	8.43	9.78
11	8.79	8.25	10.52	8.81	---	9.38	9.67	9.15	8.60	8.53	8.42	9.78
12	8.77	8.23	10.49	---	---	9.42	9.74	9.26	8.58	8.51	8.42	9.80
13	8.73	8.20	10.51	---	---	9.44	9.53	9.38	8.57	8.48	8.37	9.70
14	8.70	8.19	10.44	9.87	---	9.40	9.56	9.36	8.63	8.47	8.32	9.41
15	8.68	8.18	10.37	10.01	---	9.47	9.75	9.54	8.74	8.46	8.28	9.22
16	8.65	8.17	10.00	10.10	---	9.42	9.72	9.53	8.77	8.44	8.37	9.05
17	8.61	8.18	9.98	10.25	---	9.46	9.68	9.47	8.77	8.41	8.78	8.94
18	8.60	8.20	10.17	10.27	9.46	9.48	9.66	9.53	8.73	8.46	8.91	8.84
19	8.53	8.15	9.79	10.23	9.48	9.50	9.65	9.42	8.70	8.50	8.99	8.76
20	8.50	8.21	9.52	10.22	9.27	9.52	9.65	9.31	8.67	8.48	9.02	8.79
21	8.48	8.21	9.33	10.20	9.07	9.51	9.65	9.20	8.65	8.46	9.02	9.29
22	8.41	8.22	9.20	10.19	8.96	9.51	9.69	9.12	8.64	8.44	9.03	9.46
23	8.50	8.21	9.06	10.19	8.97	9.53	9.70	9.05	8.62	8.41	9.03	9.40
24	8.51	8.12	8.95	10.21	8.93	9.65	9.70	9.01	8.65	8.39	9.03	9.29
25	8.47	8.16	8.87	10.25	8.86	9.54	9.81	8.97	8.75	8.37	9.01	9.51
26	8.42	8.17	8.79	10.24	8.72	9.54	9.97	8.92	8.77	8.39	9.02	9.57
27	8.42	8.42	8.73	10.16	8.66	9.54	9.88	8.86	8.76	8.42	9.04	9.62
28	8.38	8.57	8.68	10.16	8.65	9.55	9.85	8.82	8.78	8.54	9.04	9.85
29	8.38	8.58	8.66	10.18	8.62	9.55	9.83	8.79	8.80	8.49	9.06	10.11
30	8.40	9.42	8.63	10.23	---	9.57	10.09	8.79	8.76	8.44	9.07	10.19
31	8.37	---	8.57	10.24	---	9.53	---	8.81	---	8.38	9.01	---
MAX	8.79	9.42	11.46	---	---	9.65	10.09	10.09	8.90	8.73	9.07	10.19
MIN	8.37	8.12	8.57	---	---	8.73	9.52	8.79	8.57	8.37	8.28	8.76

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 2002 to current year.

SALINITY: October 2002 to September 2003.

WATER TEMPERATURE: January 2002 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent.

SALINITY: Records excellent.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 611 microsiemens/cm, Mar. 24, 2002; minimum, 215 microsiemens/cm, May 18, 2004.

SALINITY: Maximum, 0.2 ppt, Apr. 7, 2003; minimum, 0.1 ppt, on several days.

WATER TEMPERATURE: Maximum, 32.7°C, July 18, 2002; minimum, 4.5°C, Feb. 17, 18, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 498 microsiemens/cm, Sept. 2; minimum, 215 microsiemens/cm, May 18.

SALINITY: Maximum, 0.2 ppt, on many days; minimum, 0.1 ppt, on several days.

WATER TEMPERATURE: Maximum, 31.9°C, Aug. 1; minimum, 4.5°C, Feb. 17, 18.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	430	425	429	424	422	423	390	375	383	364	352	356
2	431	425	429	425	422	423	375	359	368	353	352	353
3	431	427	429	425	423	424	359	347	350	368	353	354
4	431	427	429	426	424	425	351	347	348	356	355	355
5	433	428	430	426	424	425	351	333	343	357	355	356
6	432	428	430	426	424	425	333	319	328	358	356	357
7	433	430	432	427	425	426	320	318	319	359	357	358
8	434	429	431	428	426	427	322	316	319	367	359	361
9	435	429	433	429	427	428	318	308	314	381	366	377
10	435	419	424	429	426	428	310	304	308	375	360	369
11	423	416	419	429	427	428	308	304	305	360	351	354
12	423	417	420	430	428	429	320	308	316	---	---	---
13	423	419	422	430	428	429	322	319	320	---	---	---
14	423	417	419	431	430	430	322	319	321	366	364	365
15	422	412	419	432	430	431	326	321	323	374	366	369
16	420	412	417	433	431	432	330	323	326	379	371	376
17	422	416	419	433	431	432	332	323	327	382	377	380
18	421	415	418	433	432	432	338	332	336	378	367	373
19	426	416	421	434	432	432	343	337	339	367	354	361
20	426	418	423	434	433	433	345	338	342	354	339	346
21	427	418	423	435	433	434	347	339	344	339	318	328
22	427	415	420	436	434	435	344	339	340	318	312	314
23	417	412	416	436	434	435	342	339	341	315	312	313
24	416	414	415	436	434	435	370	342	357	317	313	316
25	416	414	415	437	435	436	365	343	353	322	316	320
26	419	416	417	437	435	436	365	342	348	326	322	324
27	421	419	420	437	409	426	352	343	344	329	320	325
28	424	421	422	418	407	410	350	345	347	327	321	325
29	422	419	421	413	410	411	351	349	350	330	325	327
30	422	420	421	410	390	403	352	350	351	341	330	334
31	422	421	422	---	---	---	354	352	353	343	341	342
MONTH	435	412	423	437	390	427	390	304	338	---	---	---

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	345	342	343	348	325	335	---	---	---	404	399	402
2	347	343	345	347	333	338	---	---	---	399	373	391
3	345	338	340	377	347	369	---	---	---	373	332	353
4	339	330	335	376	372	374	---	---	---	332	315	323
5	331	327	329	386	375	380	---	---	---	315	311	313
6	329	324	326	393	383	389	---	---	---	316	310	313
7	324	322	323	413	392	402	399	389	394	319	313	316
8	322	312	316	422	413	419	404	399	402	321	317	319
9	321	302	309	428	421	424	415	404	409	325	303	316
10	---	---	---	431	427	428	425	415	421	327	299	310
11	---	---	---	429	422	426	423	413	419	311	281	300
12	---	---	---	---	---	---	417	410	413	292	257	278
13	---	---	---	---	---	---	413	410	411	281	244	263
14	---	---	---	---	---	---	414	410	413	268	251	261
15	---	---	---	---	---	---	418	413	415	272	254	268
16	---	---	---	---	---	---	419	414	417	266	247	258
17	---	---	---	---	---	---	427	418	424	259	225	248
18	326	307	314	---	---	---	437	427	433	255	215	238
19	312	308	310	---	---	---	442	437	440	249	217	232
20	319	311	314	---	---	---	440	432	437	245	222	232
21	327	313	318	---	---	---	432	426	429	245	223	235
22	325	316	319	---	---	---	426	418	422	270	237	255
23	335	311	322	---	---	---	423	417	421	265	242	255
24	335	328	330	---	---	---	425	418	420	270	259	264
25	338	327	334	---	---	---	423	413	420	274	265	269
26	348	329	337	---	---	---	427	409	420	284	270	275
27	349	328	338	---	---	---	428	422	425	290	275	282
28	356	329	341	---	---	---	422	409	415	297	282	287
29	341	326	335	---	---	---	410	403	407	304	289	296
30	---	---	---	---	---	---	404	386	395	307	299	302
31	---	---	---	---	---	---	---	---	---	315	305	309
MONTH	---	---	---	---	---	---	---	---	---	404	215	289
	JUNE			JULY			AUGUST			SEPTEMBER		
1	315	307	311	360	335	347	413	404	408	462	454	458
2	320	310	315	369	348	360	411	390	400	498	452	471
3	328	318	321	377	356	367	392	387	390	496	480	489
4	330	323	325	376	360	370	390	371	384	480	466	472
5	329	322	325	371	353	363	374	365	371	473	466	469
6	345	325	336	366	356	362	379	373	376	470	463	467
7	346	329	338	365	353	361	379	366	373	465	458	463
8	356	332	339	364	353	358	369	365	368	458	448	452
9	350	336	342	362	356	358	371	363	367	448	440	443
10	353	342	347	366	356	360	367	363	365	453	441	447
11	355	348	352	366	362	363	366	352	360	472	453	465
12	360	349	356	366	357	363	353	346	351	475	469	473
13	360	352	357	370	360	366	352	344	347	469	460	464
14	361	349	354	376	363	369	353	348	350	465	461	463
15	353	345	349	377	361	372	354	347	350	463	461	462
16	347	340	344	382	360	375	430	345	369	464	462	463
17	348	341	346	380	372	376	440	425	434	464	460	463
18	354	334	346	379	371	375	439	427	434	462	449	459
19	353	334	346	385	376	379	427	418	423	460	458	459
20	352	342	347	385	370	378	422	417	418	460	379	451
21	349	345	347	390	379	386	440	422	429	380	366	373
22	352	346	349	389	382	386	461	440	451	384	378	381
23	356	346	352	392	385	390	476	461	468	388	383	386
24	357	346	352	394	386	388	482	476	479	406	387	394
25	352	346	349	398	391	394	485	478	482	412	406	408
26	360	350	356	400	384	392	489	474	480	429	412	422
27	357	344	352	407	390	400	476	465	472	431	428	430
28	369	349	360	419	401	412	467	460	464	429	425	427
29	374	353	364	421	413	419	466	461	463	426	419	422
30	374	335	359	417	409	413	464	462	463	419	406	415
31	---	---	---	417	403	413	464	455	461	---	---	---
MONTH	374	307	345	421	335	378	489	344	411	498	366	444

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
MONTH	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
12	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
13	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
14	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
15	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
16	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
17	---	---	---	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
18	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
19	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
20	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
21	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
22	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
23	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
24	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
25	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
26	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
27	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.1	0.1	0.1
28	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.1	0.1
29	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	0.2	0.1	0.2
30	---	---	---	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2
31	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
MONTH	---	---	---	---	---	---	---	---	---	0.2	0.1	0.1

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

[illegible]

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.4	24.9	25.1	23.4	22.4	22.8	13.6	13.4	13.5	13.2	12.2	12.7
2	24.9	24.0	24.4	23.8	22.6	23.1	13.4	13.0	13.2	13.7	12.9	13.3
3	24.9	23.5	24.0	23.6	22.6	23.0	13.0	12.8	12.9	14.6	13.6	14.1
4	25.4	23.8	24.2	23.1	22.4	22.7	13.5	12.9	13.1	15.4	14.5	14.9
5	25.7	24.2	24.6	23.4	22.7	23.0	13.1	11.9	12.6	15.5	13.2	14.8
6	25.7	24.4	25.1	24.1	23.0	23.5	11.9	11.4	11.7	13.2	11.5	12.2
7	26.0	24.9	25.3	23.6	22.7	23.1	11.5	10.9	11.3	11.5	10.9	11.2
8	26.1	25.2	25.6	22.8	22.2	22.5	10.9	10.4	10.7	11.2	9.3	10.9
9	25.6	25.1	25.3	22.7	22.1	22.3	10.6	10.3	10.4	9.3	7.8	8.4
10	25.4	24.7	24.9	22.8	22.1	22.4	10.3	9.9	10.1	8.2	7.6	7.8
11	24.7	24.4	24.6	23.2	22.1	22.6	10.2	9.8	9.9	9.0	7.5	7.9
12	25.1	24.1	24.5	23.3	22.4	22.7	10.0	9.7	9.8	---	---	---
13	25.4	24.2	24.7	23.3	21.5	22.3	9.7	9.5	9.6	---	---	---
14	25.4	24.3	24.8	22.1	20.8	21.2	9.6	9.3	9.4	7.7	7.4	7.5
15	24.7	23.7	24.1	21.3	20.6	20.9	9.8	9.2	9.5	7.6	7.4	7.4
16	24.7	23.6	24.0	21.5	20.5	20.8	10.1	9.2	9.6	7.7	7.3	7.5
17	24.7	23.5	23.9	21.6	20.8	21.2	9.2	8.7	9.0	7.5	7.2	7.3
18	23.5	22.9	23.2	21.4	21.1	21.4	9.1	8.8	9.0	7.5	7.1	7.3
19	23.5	22.7	23.0	21.1	19.9	20.4	9.2	8.7	9.0	7.5	6.9	7.2
20	23.8	22.6	23.1	20.4	19.4	19.8	9.5	8.8	9.1	7.1	6.8	6.9
21	23.7	22.7	23.1	20.1	19.3	19.6	9.6	8.8	9.2	7.1	6.6	6.8
22	23.7	23.0	23.3	20.0	19.3	19.7	10.3	9.4	9.8	6.6	6.2	6.4
23	24.3	23.0	23.2	20.2	19.6	19.9	11.0	10.2	10.5	6.4	6.0	6.1
24	24.3	22.9	23.4	20.0	17.9	18.9	10.7	10.2	10.4	6.4	6.0	6.1
25	23.9	23.5	23.6	18.5	17.4	17.8	11.0	10.1	10.4	6.6	6.2	6.4
26	24.0	22.9	23.5	17.8	17.4	17.6	12.0	10.2	10.9	6.4	6.2	6.3
27	22.9	21.8	22.3	18.0	17.7	17.9	11.7	10.7	11.2	6.4	6.0	6.2
28	22.3	21.5	21.8	17.9	16.4	17.1	12.4	11.2	11.8	6.5	6.0	6.2
29	22.6	21.4	21.8	16.4	15.5	16.1	12.6	12.0	12.3	6.6	6.2	6.3
30	22.3	21.5	21.9	15.8	13.6	14.6	12.3	11.7	12.0	6.6	6.4	6.5
31	23.0	21.8	22.3	---	---	---	12.7	11.4	11.9	6.7	6.4	6.5
MONTH	26.1	21.4	23.8	24.1	13.6	20.7	13.6	8.7	10.8	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	6.8	6.5	6.6	12.6	8.6	10.8	---	---	---	19.9	18.5	19.0
2	6.7	6.5	6.6	9.8	8.5	9.0	---	---	---	19.0	18.4	18.8
3	6.8	6.3	6.5	10.2	8.9	9.4	---	---	---	19.2	18.3	18.6
4	6.7	6.3	6.4	10.6	9.3	10	---	---	---	19.1	18.1	18.5
5	6.9	6.5	6.7	10.8	10.1	10.4	---	---	---	19.5	18.3	18.7
6	6.9	6.4	6.7	11.4	10.6	10.9	---	---	---	20.1	18.6	19.1
7	6.4	6.0	6.2	11.7	10.7	11.1	16.0	15.2	15.4	21.3	19.1	19.6
8	6.3	5.8	6.1	11.9	11.0	11.4	16.5	15.4	15.7	23.9	20.2	21.7
9	6.7	5.8	6.2	12.2	11.3	11.6	16.2	15.3	15.6	24.1	21.0	22.5
10	7.1	6.1	6.4	12.6	11.4	11.8	16.7	15.2	15.7	25.1	22.7	24.2
11	---	---	---	12.7	11.6	12.0	16.0	15.4	15.6	25.0	24.0	24.5
12	---	---	---	14.2	12.1	12.6	16.0	15.6	15.7	24.3	23.8	24.0
13	---	---	---	---	---	---	15.8	15.1	15.4	25.0	23.5	24.2
14	---	---	---	---	---	---	16.1	15.2	15.6	25.5	24.6	25.0
15	---	---	---	---	---	---	15.9	15.1	15.4	25.2	24.7	24.9
16	---	---	---	---	---	---	16.4	14.9	15.4	25.3	24.4	24.9
17	---	---	---	---	---	---	16.3	14.9	15.3	25.9	24.9	25.3
18	5.6	4.5	4.9	---	---	---	16.6	14.9	15.5	25.6	24.8	25.2
19	5.9	4.9	5.3	---	---	---	16.8	15.2	15.8	26.7	24.5	25.6
20	7.2	5.4	6.1	---	---	---	16.7	15.6	16.0	27.6	25.4	26.5
21	10.4	6.8	8.5	---	---	---	17.2	15.8	16.4	28.4	26.0	27.2
22	10.7	8.0	9.1	---	---	---	17.8	16.3	16.9	28.4	26.6	27.4
23	11.2	10.3	10.6	---	---	---	18.6	16.9	17.5	27.8	26.5	27.5
24	11.9	10.7	11.2	---	---	---	18.9	17.3	18.0	28.5	27.1	27.7
25	11.4	10.3	10.8	---	---	---	18.4	17.9	18.1	28.9	27.6	28.1
26	10.8	8.9	9.6	---	---	---	19.1	18.2	18.5	29.1	27.6	28.3
27	10.2	8.6	9.0	---	---	---	19.2	18.1	18.5	28.6	27.6	28.1
28	12.0	10.0	11.1	---	---	---	19.5	18.3	18.7	28.8	27.6	28.2
29	12.2	11.1	11.6	---	---	---	19.1	18.4	18.7	28.9	28.0	28.4
30	---	---	---	---	---	---	18.7	18.6	18.6	28.9	28.1	28.5
31	---	---	---	---	---	---	---	---	---	29.5	28.2	28.7
MONTH	---	---	---	---	---	---	---	---	---	29.5	18.1	24.5

295501090190400 DAVIS POND DIVERSION NEAR BOUTTE, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.4	28.4	28.8	28.9	27.9	28.3	31.9	30.3	30.7	28.9	27.8	28.2
2	29.2	28.5	28.8	28.6	28.0	28.3	31.6	30.0	30.7	29.0	28.0	28.4
3	29.1	28.1	28.5	28.8	27.7	28.2	31.2	30.0	30.5	29.0	28.5	28.6
4	28.6	28.0	28.3	29.3	27.7	28.1	30.7	30.0	30.3	29.0	28.4	28.6
5	28.4	27.8	28.0	30.0	27.8	28.8	30.9	30.2	30.5	28.9	28.2	28.5
6	28.9	27.4	27.7	29.5	28.2	28.7	30.7	29.8	30.2	28.8	28.1	28.3
7	28.6	27.2	27.9	29.2	27.9	28.4	31.1	29.3	30.1	28.8	28.2	28.4
8	29.8	28.0	28.6	28.4	27.6	27.9	31.0	30.1	30.5	28.9	28.0	28.3
9	30.2	28.7	29.4	28.6	27.4	27.9	30.4	29.4	29.7	28.6	28.0	28.2
10	30.8	29.4	30.0	28.8	27.8	28.2	30.3	29.3	29.8	28.5	28.0	28.2
11	30.4	29.5	29.9	28.8	27.8	28.1	30.2	29.6	29.9	28.6	27.8	28.1
12	30.2	29.3	29.5	29.1	27.9	28.4	29.6	28.5	29.1	28.4	27.8	27.9
13	30.4	29.3	29.8	29.0	28.1	28.5	28.5	27.2	27.9	28.4	27.6	27.9
14	30.0	28.3	29.4	30.2	28.6	29.0	27.6	26.7	27.1	29.0	28.0	28.3
15	29.1	27.9	28.3	30.4	28.8	29.1	27.5	26.5	26.9	28.8	27.1	27.9
16	29.4	28.3	28.9	30.3	29.1	29.6	28.0	26.4	27.1	27.8	26.6	27.1
17	29.7	28.7	29.0	30.2	29.3	29.7	28.1	27.1	27.5	28.0	27.1	27.3
18	29.7	28.1	28.8	29.8	28.8	29.2	28.3	27.2	27.7	29.2	27.7	28.2
19	29.6	27.8	28.8	30.0	28.6	29.1	28.8	27.3	28.0	28.5	27.6	28.0
20	28.8	27.7	28.3	30.9	29.0	29.4	28.9	27.6	28.2	28.1	27.2	27.6
21	28.6	27.9	28.2	30.3	29.6	29.9	28.8	27.7	28.2	27.4	27.0	27.1
22	29.0	27.3	28.1	30.3	29.7	30.1	28.7	27.6	28.0	27.0	26.5	26.8
23	29.5	27.6	28.2	30.8	30.0	30.4	29.3	27.9	28.4	27.0	26.4	26.7
24	28.7	27.8	28.2	31.0	29.8	30.3	29.1	28.1	28.5	27.2	26.4	26.7
25	28.2	27.6	27.9	31.4	30.5	30.8	29.0	28.3	28.6	26.8	26.1	26.4
26	27.7	27.3	27.4	30.9	29.8	30.3	29.9	28.4	29.0	26.6	25.9	26.2
27	29.2	27.1	27.8	30.5	29.4	29.9	29.6	28.4	29.1	26.4	25.6	26.0
28	28.8	27.7	28.0	30.8	29.4	29.9	28.7	28.3	28.5	26.2	25.6	25.9
29	28.0	27.2	27.5	30.4	29.8	30.0	28.4	28.1	28.2	26.0	25.6	25.7
30	28.4	27.2	27.7	31.1	29.9	30.2	28.1	27.8	27.9	26.0	25.4	25.7
31	---	---	---	31.0	30.2	30.6	28.1	27.5	27.7	---	---	---
MONTH	30.8	27.1	28.5	31.4	27.4	29.2	31.9	26.4	28.9	29.2	25.4	27.5

295753091291500 PONCHO CHUTE NORTH NORTHEAST OF CHARENTON, LA

LOCATION.--Lat 29° 57'53", long 91° 29'15", Iberia Parish, T. 12 S., R. 10 E.,Hydrologic Unit 08080101, on a four-legged platform, 4.0 miles north northeast of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 2004 to September 2004.

GAGE.--Water-stage recorder. Gage datum is assumed.

REMARKS.--Water level below recordable stage at times throughout the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.25 ft, July 3,4, 2004; minimum gage height, 3.89 ft, Aug. 31, Sept. 1, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.25 ft, July 3, 4; minimum gage height, 3.89 ft, Aug. 31, Sept. 1.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									7.87	11.11	6.13	3.92
2									8.04	11.20	5.90	3.99
3									8.32	11.23	5.73	4.19
4									8.46	11.24	5.64	4.37
5									8.65	11.23	5.58	4.58
6								9.22	8.90	11.20	5.49	4.68
7								9.14	9.12	11.18	5.24	4.72
8								9.02	9.31	11.18	5.20	4.77
9								8.95	9.50	11.18	5.23	4.87
10								8.94	9.70	11.13	5.29	5.05
11								9.00	9.86	11.06	5.36	4.97
12								9.18	10.02	10.95	5.48	4.87
13								9.65	10.14	10.78	5.58	4.79
14								9.85	10.24	10.61	5.27	4.71
15								9.94	10.36	10.36	4.93	4.59
16								9.94	10.52	10.07	4.85	4.48
17								9.92	10.70	9.73	4.82	4.66
18								9.96	10.77	9.57	4.78	4.37
19								9.92	10.78	9.24	4.67	4.16
20								9.81	10.78	---	4.52	4.43
21								9.65	10.79	---	4.41	4.76
22								9.42	10.81	8.32	4.35	5.04
23								9.16	10.81	8.08	4.22	5.26
24								8.92	10.80	7.84	4.20	5.59
25								8.71	10.94	7.63	4.08	5.55
26								8.50	10.98	7.43	3.93	5.37
27								8.33	10.92	7.30	---	5.29
28								8.18	10.87	6.97	---	5.32
29								8.02	10.92	6.80	---	5.47
30								7.92	11.00	6.89	---	5.77
31								7.87	---	6.55	---	---
MAX									11.00	---	---	5.77
MIN									7.87	---	---	3.92

295956091294500 PREJEAN LAKE NORTH, NORTHEAST OF CHARENTON, LA

LOCATION.--Lat 29° 59'56", long 91° 29'45", Iberia Parish, in sec. 13, T. 12 S., R. 9 E., Hydrologic Unit 08080101, on a two-legged platform on a tree, 4.5 miles northeast of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 2004 to September 2004.

GAGE.--Water-stage recorder. Gage datum is assumed.

REMARKS.--Water level below recordable stage at times throughout the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 12.51 ft, July 3, 2004 ; minimum recorded gage height, 6.73 ft, Aug. 9, 2004 .

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 12.51 ft, July 3; minimum recorded gage height, 6.73 ft, Aug. 9.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									8.92	12.35	7.50	
2									9.09	12.46	7.29	
3									9.35	12.50	7.15	
4									9.49	12.51	7.03	
5									9.70	12.51	6.94	
6									9.94	12.49	6.88	
7									10.16	12.47	6.80	
8									10.37	12.48	6.75	
9									10.58	12.47	6.73	
10									10.79	12.42		
11									10.99	12.34		
12									11.17	12.22		
13									11.30	12.05		
14									11.42	11.86		
15									11.55	11.61		
16									11.72	11.32		
17									11.89	10.98		
18									11.98	10.86		
19									12.01	10.48		
20									12.02	10.13		
21									12.02	9.82		
22									12.05	9.54		
23									12.05	9.26		
24									12.06	8.99		
25								9.78	12.22	8.77		
26								9.60	12.25	8.55		
27								9.43	12.18	8.40		
28								9.26	12.13	8.15		
29								9.09	12.16	7.93		
30								8.98	12.24	7.92		
31								8.92	---	7.76		
MAX									12.25	12.51		
MIN									8.92	7.76		

300003090163500 DRAINAGE CANAL NEAR LOYOLA DRIVE AT KENNER, LA

LOCATION.--Lat 30° 00'03", long 90° 16'35", in sec. 85, T. 12 S., R. 9 E., Jefferson Parish, Hydrologic Unit 08090203, located on north side of I-10 in fenced area west of Loyola Drive.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to September 2003.

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

REMARKS.--Rain gage at station. Stage affected by wind and tide. Records for the period June 2002 to September 2002 are available in the Baton Rouge Field Office.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.21 ft, Sept. 26, 2002; minimum gage height, 0.33 ft, Aug. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.17 ft, Apr. 25; minimum gage height, 0.53 ft, Mar. 3.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.02	1.69	0.99	1.63	0.92	0.94	1.34	0.84	1.13	1.46	1.15
2	1.29	1.11	1.02	1.23	0.99	0.77	0.83	2.01	0.78	1.14	1.49	1.18
3	1.35	1.14	1.01	1.32	1.05	0.64	0.92	1.42	1.28	1.14	1.33	1.25
4	1.36	1.00	1.06	1.43	1.09	0.81	1.06	1.05	0.89	1.44	1.19	1.21
5	1.46	0.97	1.15	1.01	1.21	0.75	0.87	1.02	0.91	1.76	1.19	1.38
6	1.04	1.00	1.35	0.91	1.02	0.77	0.93	1.08	1.83	1.26	1.32	1.48
7	0.85	1.08	1.51	1.11	1.00	1.15	1.02	0.90	1.11	1.39	0.95	1.56
8	1.08	1.24	1.14	0.98	1.42	0.95	0.83	0.85	0.83	1.18	1.15	1.66
9	1.08	1.32	0.85	0.97	1.11	1.03	1.01	1.07	0.76	1.20	1.15	1.76
10	2.06	1.12	0.74	0.96	1.19	0.94	1.11	1.22	0.68	1.47	1.10	1.64
11	1.44	1.18	0.93	1.47	1.77	0.97	1.73	1.16	1.00	1.89	1.17	1.23
12	1.71	1.10	0.83	0.92	1.32	0.91	0.95	1.39	1.82	1.34	1.14	1.38
13	1.32	0.97	1.06	0.92	1.01	1.03	0.89	1.58	2.03	1.15	1.16	1.32
14	0.96	1.02	1.18	0.79	1.37	1.23	1.19	1.01	1.88	1.12	1.20	0.96
15	1.10	1.08	1.08	0.99	2.11	0.93	1.82	2.76	1.40	1.13	1.30	0.76
16	1.24	1.26	0.97	0.99	2.16	0.89	2.36	1.80	1.14	1.27	1.40	0.85
17	0.94	1.00	0.94	1.19	0.89	0.98	2.57	1.32	0.98	1.27	1.72	0.99
18	---	1.05	0.95	1.64	0.96	0.96	2.72	1.43	0.97	1.60	2.05	1.09
19	1.14	0.99	0.88	1.87	0.83	0.86	1.75	0.98	0.95	1.22	1.71	1.16
20	1.12	0.98	1.03	1.11	0.81	1.05	1.02	0.87	1.28	1.14	1.11	1.16
21	0.81	1.13	1.21	1.02	0.85	1.23	0.77	0.85	1.31	1.15	1.13	1.18
22	0.78	1.28	0.97	1.03	1.17	1.12	1.00	0.89	1.11	1.23	1.20	1.21
23	0.82	1.39	0.97	0.93	1.78	0.89	1.71	1.20	1.20	1.12	1.19	1.12
24	1.02	0.94	0.94	1.01	1.77	0.88	2.01	0.94	1.36	0.97	1.19	1.08
25	1.20	1.03	1.13	1.26	1.63	0.72	3.53	0.78	1.57	1.14	1.11	1.11
26	1.34	0.93	1.32	1.01	0.92	0.91	2.97	0.87	1.70	1.17	1.20	1.19
27	1.05	2.00	1.49	1.12	1.00	1.05	3.08	0.72	1.87	1.28	1.54	1.14
28	0.84	2.12	1.47	0.99	0.92	1.13	1.82	0.85	1.35	1.15	1.25	1.07
29	0.86	2.33	1.44	0.96	1.32	1.14	0.91	0.67	1.27	1.24	1.60	1.11
30	1.05	2.43	1.09	1.08	---	0.94	2.21	0.84	1.18	1.12	1.28	1.09
31	0.88	---	0.89	1.21	---	0.93	---	0.98	---	1.24	1.18	---
MAX	---	2.43	1.69	1.87	2.16	1.23	3.53	2.76	2.03	1.89	2.05	1.76
MIN	---	0.93	0.74	0.79	0.81	0.64	0.77	0.67	0.68	0.97	0.95	0.76

300310091324600 X-ROAD NORTH NORTHEAST OF CHARENTON, LA

LOCATION.--Lat 30°03'10", long 91°32'46", St. Martin Parish, in sec. 27, T. 11 S., R. 11 E., Hydrologic Unit 08080101, on a two-legged platform on a tree, 4.0 miles northeast of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 2004 to September 2004.

GAGE.--Water-stage recorder. Gage datum is assumed.

REMARKS.--Water level below recordable stage at times throughout the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.04 ft, July 8, 2004; minimum gage height, 4.18 ft, Sept. 20, 21, 2004 .

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.04 ft, July 8; minimum gage height, 4.18 ft, Sept. 20, 21.

GAGE HEIGHT, FEET
WATER YEAR MAY 2004 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									7.53	10.83	6.50	4.48
2									7.59	10.94	6.41	4.41
3									7.75	11.01	6.29	4.36
4									7.91	11.02	6.17	4.33
5								8.82	8.08	11.02	6.06	4.31
6								8.85	8.33	11.00	5.97	4.31
7								8.84	8.55	10.99	5.86	4.31
8								8.75	8.77	11.01	5.75	4.31
9								8.67	8.99	10.99	5.66	4.31
10								8.63	9.21	10.96	5.58	4.33
11								8.64	9.43	10.88	5.50	4.35
12								8.77	9.61	10.76	5.44	4.38
13								9.24	9.75	10.61	5.39	4.43
14								9.53	9.88	10.43	5.36	4.41
15								9.64	10.00	10.20	5.31	4.36
16								9.66	10.15	9.92	5.25	4.29
17								9.68	10.35	9.61	5.19	4.27
18								9.68	10.45	9.44	5.14	4.25
19								9.65	10.50	9.14	5.12	4.21
20								9.57	10.52	8.79	5.13	4.19
21								9.42	10.53	8.48	5.11	4.19
22								9.23	10.55	8.22	5.05	4.19
23								9.01	10.57	7.98	5.01	4.26
24								8.73	10.57	7.74	4.95	4.37
25								8.51	10.71	7.54	4.88	4.46
26								8.31	10.78	7.37	4.83	4.51
27								8.12	10.71	7.20	4.77	4.53
28								7.97	10.64	7.03	4.70	4.54
29								7.81	10.65	6.86	4.64	4.57
30								7.67	10.72	6.75	4.63	4.62
31								7.58	---	6.63	4.56	---
MAX									10.78	11.02	6.50	4.62
MIN									7.53	6.63	4.56	4.19

300312091320000 ARM OF GRAND LAKE NEAR CROOK CHENE COVE, LA

LOCATION.--Lat 30°03'12", long 91°32'00", T. 11 S., R. 9 E., St. Martin Parish, Hydrologic Unit 08080101, 12.5 miles north northwest of Charenton, LA.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Jan. 23, 1976 to Mar. 25, 2003, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 2003 to current year.

GAGE.--Water-stage recorder. Gage datum is NAVD 88.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 17.26 ft, June 4, 1983; minimum recorded gage height, 3.81 ft, Nov. 3-4, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.54 ft, July 8; minimum gage height, 5.98 ft, Nov. 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.23	6.18	7.27	8.09	9.95	11.06	10.84	9.44	9.03	12.33	8.03	6.25
2	6.23	6.18	7.45	8.11	9.89	10.75	10.54	9.79	9.08	12.44	7.97	6.25
3	6.23	6.17	7.66	8.11	9.76	10.47	10.24	10.0	9.23	12.50	7.84	6.24
4	6.22	6.16	7.92	8.09	9.64	10.26	9.98	10.17	9.40	12.51	7.72	6.24
5	6.22	6.16	8.17	8.09	9.57	10.15	9.77	10.30	9.57	12.51	7.61	6.24
6	6.22	6.15	8.41	8.06	9.54	10.06	9.63	10.36	9.81	12.49	7.52	6.24
7	6.21	6.14	8.65	8.03	9.45	9.95	9.62	10.34	10.04	12.48	7.43	6.23
8	6.21	6.13	8.87	8.09	9.38	9.84	9.52	10.26	10.26	12.50	7.33	6.23
9	6.20	6.12	9.03	8.20	9.33	9.74	9.45	10.17	10.48	12.49	7.25	6.22
10	6.23	6.11	9.12	8.24	9.35	9.66	9.40	10.13	10.71	12.45	7.17	6.22
11	6.30	6.11	9.12	8.29	9.42	9.63	9.43	10.15	10.92	12.38	7.10	6.22
12	6.31	6.10	9.09	8.37	9.49	9.64	9.42	10.27	11.11	12.26	7.04	6.21
13	6.30	6.10	9.10	8.44	9.57	9.71	9.39	10.74	11.27	12.11	6.98	6.22
14	6.27	6.08	9.05	8.51	9.72	9.86	9.35	11.03	11.39	11.94	6.91	6.22
15	6.24	6.07	8.96	8.62	9.92	10.08	9.36	11.16	11.52	11.71	6.85	6.21
16	6.24	6.06	8.86	8.73	10.14	10.32	9.46	11.17	11.67	11.43	6.80	6.21
17	6.24	6.06	8.71	8.87	10.38	10.70	9.63	11.20	11.86	11.11	6.74	6.20
18	6.24	6.06	8.54	9.04	10.64	10.98	9.78	11.20	11.96	10.93	6.69	6.20
19	6.23	6.05	8.38	9.22	10.90	11.19	9.81	11.17	12.01	10.63	6.67	6.19
20	6.23	6.03	8.24	9.37	11.13	11.35	9.69	11.07	12.02	10.28	6.70	6.19
21	6.23	6.03	8.13	9.52	11.33	11.45	9.51	10.92	12.03	9.98	6.69	6.18
22	6.23	6.02	8.06	9.65	11.50	11.56	9.29	10.72	12.05	9.71	6.64	6.18
23	6.23	6.02	8.03	9.76	11.79	11.71	9.07	10.48	12.07	9.47	6.60	6.17
24	6.22	6.00	8.01	9.83	11.95	11.87	8.89	10.24	12.07	9.24	6.55	6.17
25	6.22	5.99	7.98	9.92	12.02	11.96	8.80	10.01	12.20	9.04	6.51	6.17
26	6.22	5.99	7.95	10.04	11.94	11.95	8.80	9.81	12.28	8.87	6.47	6.16
27	6.21	6.03	7.91	10.14	11.78	11.82	8.68	9.62	12.21	8.71	6.42	6.16
28	6.20	6.57	7.88	10.13	11.57	11.63	8.63	9.46	12.13	8.54	6.37	6.15
29	6.20	6.84	7.97	10.07	11.33	11.42	8.70	9.31	12.15	8.38	6.33	6.15
30	6.19	7.07	8.02	10.05	---	11.25	9.03	9.18	12.22	8.27	6.33	6.15
31	6.19	---	8.05	10.01	---	11.11	---	9.08	---	8.15	6.28	---
MAX	6.31	7.07	9.12	10.14	12.02	11.96	10.84	11.20	12.28	12.51	8.03	6.25
MIN	6.19	5.99	7.27	8.03	9.33	9.63	8.63	9.08	9.03	8.15	6.28	6.15

3005160902620 DRAINAGE CANAL AT I-55/I-10 JUNCTION AT LAPLACE, LA

LOCATION.--Lat 30° 05'16", long 90° 26'20", in sec. 18, T. 11 S., R. 8 E., St. Charles Parish, Hydrologic Unit 08090301, located between I-10 and I-55 on west bank of canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 2000 to current year.

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

REMARKS.--Rain gage at station. Stage affected by tide. Stage is below recordable stage at .80 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.06 ft, Sept. 26, 2002; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.89 ft, May 1, 2; minimum gage height, 0.83 ft, Feb. 20, Mar. 12, 13.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.02	1.70	2.17	1.64	1.59	1.83	1.22	2.87	1.16	1.86	1.29	1.30
2	2.04	1.76	1.99	1.60	1.84	1.80	1.13	2.82	1.28	1.95	1.34	1.22
3	2.04	1.71	1.86	1.57	1.95	1.75	1.04	2.61	1.42	1.95	1.24	1.62
4	2.01	1.66	1.81	1.54	1.82	1.73	0.96	2.39	1.36	1.96	1.15	1.98
5	1.94	1.82	1.76	1.54	1.93	1.76	0.89	2.20	1.33	1.87	1.05	1.85
6	1.85	1.80	1.68	1.52	2.08	1.72	0.95	2.00	1.50	1.80	0.98	1.70
7	1.79	1.56	1.61	1.46	1.96	1.43	1.42	1.81	1.55	1.74	0.93	1.40
8	1.82	1.51	1.57	1.58	1.72	1.11	1.34	1.64	1.54	1.91	1.20	1.10
9	1.82	1.55	1.56	1.92	1.52	0.94	1.18	1.50	1.55	1.96	1.76	0.96
10	2.23	1.63	1.54	1.76	1.53	0.87	1.14	1.46	1.58	1.86	1.98	1.00
11	2.52	1.71	1.48	1.61	2.04	0.85	1.49	1.62	1.67	1.73	1.87	1.16
12	2.65	1.69	1.44	1.53	2.13	0.83	1.56	1.80	2.17	1.61	1.83	1.43
13	2.60	1.62	1.52	1.47	1.98	0.83	1.35	2.33	2.01	1.52	1.72	1.64
14	2.49	1.59	1.58	1.43	1.90	1.01	1.15	2.35	1.94	1.45	1.62	1.78
15	2.34	1.69	1.52	1.39	1.77	1.20	1.02	2.65	1.97	1.30	1.55	2.11
16	2.18	1.70	1.51	1.35	1.40	1.31	0.94	2.76	1.90	1.20	1.48	2.52
17	2.03	1.73	1.47	1.51	1.19	1.25	0.88	2.69	1.85	1.09	1.41	2.57
18	1.87	1.85	1.42	1.76	1.05	1.25	0.86	2.76	1.77	1.46	1.34	2.46
19	1.77	1.84	1.37	1.64	0.90	1.15	0.89	2.74	1.73	1.51	1.25	2.32
20	1.74	1.34	1.34	1.50	0.92	1.08	0.99	2.66	1.59	1.36	1.25	2.19
21	1.66	1.13	1.31	1.41	1.07	1.00	0.97	2.55	1.46	1.29	1.35	2.18
22	1.39	1.21	1.30	1.37	1.08	0.91	1.14	2.42	1.39	1.56	1.71	2.29
23	1.06	1.35	1.36	1.33	1.81	1.16	1.33	2.29	1.37	1.54	1.53	2.53
24	1.22	1.36	1.40	1.30	2.25	1.43	1.42	2.18	1.35	1.39	1.43	2.77
25	1.45	1.17	1.36	1.37	2.35	1.57	1.74	2.07	1.73	1.28	1.37	2.75
26	1.55	1.40	1.34	1.43	2.31	1.66	2.52	1.93	1.99	1.23	1.31	2.61
27	1.53	2.26	1.34	1.38	2.20	1.69	2.59	1.73	1.94	1.28	1.26	2.45
28	1.50	2.73	1.35	1.30	2.02	1.69	2.48	1.49	1.86	1.19	1.29	2.26
29	1.51	2.55	1.69	1.25	1.88	1.72	2.33	1.31	1.86	1.14	1.32	2.03
30	1.54	2.36	1.77	1.53	---	1.63	2.66	1.23	1.82	1.11	1.35	1.81
31	1.60	---	1.68	1.52	---	1.41	---	1.24	---	1.17	1.31	---
MAX	2.65	2.73	2.17	1.92	2.35	1.83	2.66	2.87	2.17	1.96	1.98	2.77
MIN	1.06	1.13	1.30	1.25	0.90	0.83	0.86	1.23	1.16	1.09	0.93	0.96

300830089515000 LITTLE IRISH BAYOU AT STATE HIGHWAY 11 NEAR SLIDELL, LA

LOCATION.--Lat 30° 08'30", long 89° 51'50", in sec. 29, T. 11 S., R. 13 E., Orleans Parish, Hydrologic Unit 08090203, located on west side of bridge on State Highway 11.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 6.43 ft, Sep. 26, 2002; minimum gage height, -1.10 ft, Mar. 10, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.56 ft, Sept. 16; minimum gage height, -1.10 ft, Mar. 10.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.66	1.42	0.34	0.83	1.60	1.20	0.06	1.11	0.65	1.12	1.00	0.85
2	1.63	1.35	0.49	0.77	1.84	1.11	-0.03	0.81	0.75	1.14	0.87	0.78
3	1.56	1.22	0.92	0.67	1.09	1.05	0.04	0.59	0.57	1.08	0.69	1.08
4	1.47	1.50	1.18	0.70	0.90	1.18	-0.11	0.53	0.48	0.96	0.59	1.33
5	1.28	1.78	1.04	0.76	1.49	1.20	0.15	0.46	0.50	0.88	0.26	1.18
6	1.21	1.15	0.44	0.59	1.34	0.89	0.38	0.40	0.57	0.75	0.17	0.78
7	1.30	1.02	0.28	0.69	0.47	0.35	0.67	0.43	0.74	0.56	0.70	0.16
8	1.35	1.13	0.43	0.74	0.00	0.01	0.50	0.46	0.90	0.54	1.61	0.02
9	1.41	1.21	0.88	1.04	0.48	-0.39	0.38	0.52	0.91	0.70	1.80	0.34
10	1.72	1.30	0.93	0.60	0.68	-0.48	0.47	0.81	0.89	0.80	1.37	0.67
11	2.30	1.22	0.13	0.51	0.85	-0.23	0.69	1.18	0.69	0.77	1.02	0.91
12	2.11	1.19	0.49	0.34	1.01	-0.16	1.01	1.41	0.51	0.54	1.00	1.33
13	1.78	1.10	1.21	0.35	0.74	0.07	0.14	1.66	0.57	0.38	0.95	1.58
14	1.42	1.29	0.93	0.26	1.03	0.47	-0.71	1.82	1.01	0.37	0.93	2.06
15	1.13	1.30	0.78	0.16	0.62	0.65	-0.67	1.98	1.24	0.39	0.92	3.02
16	1.04	1.37	0.95	0.40	0.00	0.72	-0.34	1.64	1.14	0.28	0.89	3.34
17	1.05	1.40	0.12	1.01	0.15	0.67	-0.08	1.71	1.08	0.15	0.79	1.84
18	1.07	1.73	-0.42	1.16	0.09	0.58	0.13	1.74	0.95	-0.02	0.70	1.53
19	1.25	1.04	-0.55	0.58	-0.08	0.45	0.40	1.62	0.79	0.15	0.69	1.48
20	1.23	0.41	-0.41	0.29	0.24	0.41	0.41	1.45	0.69	0.38	0.81	1.70
21	1.01	0.60	-0.02	0.25	0.43	0.22	0.59	1.24	0.69	0.56	0.62	2.02
22	0.47	0.78	0.37	0.23	0.62	0.37	0.90	1.14	0.66	0.52	0.55	2.21
23	0.44	1.07	0.68	0.15	0.97	0.75	0.97	1.18	0.54	0.39	0.58	2.61
24	0.80	1.09	0.24	0.17	1.74	1.01	1.00	1.16	0.59	0.38	0.61	2.25
25	0.99	0.93	0.44	0.51	1.57	1.20	1.18	1.00	0.57	0.35	0.63	1.81
26	1.20	1.15	0.64	0.71	1.26	1.16	1.20	0.70	0.54	0.58	0.63	1.52
27	1.12	1.66	0.69	0.42	0.72	1.07	0.79	0.37	0.59	0.59	0.77	1.01
28	1.24	1.43	0.90	-0.29	0.54	1.10	0.69	0.22	0.80	0.55	0.87	0.67
29	1.16	0.46	1.24	-0.13	0.83	0.90	1.05	0.24	0.97	0.56	0.93	0.73
30	1.20	0.28	0.80	0.32	---	0.62	1.27	0.54	1.03	0.63	0.89	0.91
31	1.28	---	1.00	0.71	---	0.21	---	0.49	---	0.88	0.86	---
MAX	2.30	1.78	1.24	1.16	1.84	1.20	1.27	1.98	1.24	1.14	1.80	3.34
MIN	0.44	0.28	-0.55	-0.29	-0.08	-0.48	-0.71	0.22	0.48	-0.02	0.17	0.02

301001089442600 RIGOLETS AT STATE HIGHWAY 90 NEAR SLIDELL, LA

LOCATION.--Lat 30° 10'01", long 89° 44'26", in sec. 19, T. 10 S., R. 15 E., St. Tammany Parish, Hydrologic Unit 08090203, on bridge pier of State Highway 90 bridge across Rigolets southeast of Slidell.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--February 2004 to September 2004.

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

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum recorded gage height, 4.31 ft, Sept. 16, 2004; minimum recorded gage height, -1.74 ft, Apr. 14, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 4.31 ft, Sept. 16; minimum recorded gage height, -1.74 ft, Apr. 14.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				1.08	0.23	0.70	-0.06	-0.65	-0.32	---	---	---
2				1.01	0.07	0.56	-0.22	-0.95	-0.55	---	---	---
3				1.07	0.02	0.53	-0.18	-0.64	-0.45	---	---	---
4	1.15	0.03	0.39	1.21	0.32	0.72	-0.24	-0.87	-0.57	---	---	---
5	1.64	0.53	1.01	1.24	0.39	0.73	0.33	-0.89	-0.18	---	---	---
6	1.38	0.00	0.64	1.00	-0.10	0.32	0.32	-0.53	-0.07	---	---	---
7	0.49	-1.04	-0.39	0.34	-0.59	-0.25	0.57	-0.60	0.18	---	---	---
8	-0.02	-0.98	-0.52	-0.27	-0.92	-0.50	0.36	-0.40	-0.04	---	---	---
9	0.18	-0.43	-0.05	-0.44	-1.71	-0.96	0.66	-0.77	-0.01	---	---	---
10	0.34	-0.18	0.08	-0.08	-1.71	-0.77	0.61	-0.62	0.02	---	---	---
11	0.97	-0.09	0.41	-0.15	-1.24	-0.68	1.23	-1.11	0.31	---	---	---
12	0.72	0.00	0.27	0.11	-1.21	-0.57	1.08	-0.13	0.44	---	---	---
13	0.57	-0.22	0.12	0.62	-1.19	-0.25	0.37	-1.29	-0.76	---	---	---
14	1.62	-0.11	0.52	0.70	-0.66	0.04	-0.79	-1.74	-1.23	---	---	---
15	0.98	-1.12	-0.28	0.81	-0.46	0.18	-0.53	-1.52	-1.01	1.69	0.83	1.42
16	0.09	-1.05	-0.54	0.72	-0.33	0.21	-0.37	-1.11	-0.70	1.35	0.72	1.11
17	0.11	-0.95	-0.44	0.61	-0.28	0.18	-0.24	-0.71	-0.47	1.50	0.69	1.22
18	0.09	-0.99	-0.58	0.54	-0.44	0.04	0.00	-0.47	-0.24	1.76	0.64	1.22
19	0.10	-1.18	-0.61	0.46	-0.41	-0.05	0.39	-0.45	0.03	1.45	0.68	1.08
20	0.34	-0.71	-0.15	0.33	-0.27	-0.04	0.40	-0.42	-0.02	1.29	0.53	0.91
21	0.44	-0.51	-0.07	0.14	-0.64	-0.31	0.79	-0.37	0.30	1.13	0.29	0.72
22	0.40	-0.08	0.15	0.43	-0.50	-0.01	1.04	-0.06	0.58	1.23	0.16	0.71
23	1.58	-0.20	0.58	0.82	-0.41	0.37	0.98	0.12	0.54	1.34	0.27	0.79
24	1.65	0.93	1.21	0.94	0.11	0.53	1.15	0.03	0.58	1.17	0.29	0.73
25	1.35	0.55	0.99	1.19	0.28	0.70	1.48	0.17	0.67	0.93	0.13	0.53
26	0.86	0.24	0.59	1.07	-0.01	0.58	---	---	---	0.56	-0.15	0.21
27	0.33	-0.31	0.03	1.00	0.02	0.53	---	---	---	0.22	-0.37	-0.06
28	0.60	-0.47	0.00	0.96	0.11	0.56	---	---	---	0.25	-0.61	-0.15
29	1.03	-0.27	0.34	0.87	-0.10	0.34	---	---	---	0.13	-0.40	-0.09
30	---	---	---	0.64	-0.45	0.07	---	---	---	0.63	-0.04	0.26
31	---	---	---	0.07	-0.82	-0.44	---	---	---	0.41	-0.34	0.08
MONTH				1.24	-1.71	0.10	---	---	---	---	---	---

301001089442600 RIGOLETS AT STATE HIGHWAY 90 NEAR SLIDELL, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.98	-0.19	0.31	1.30	0.06	0.70	0.96	-0.10	0.47	0.38	0.06	0.25
2	0.86	-0.40	0.32	1.24	0.08	0.70	0.75	-0.15	0.26	0.48	0.02	0.23
3	0.81	-0.48	0.16	1.25	0.11	0.66	0.53	-0.41	0.12	0.81	0.35	0.55
4	0.68	-0.65	0.04	1.01	0.02	0.53	0.27	-0.23	0.04	1.04	0.28	0.68
5	0.97	-0.69	0.13	1.10	-0.01	0.46	-0.07	-0.84	-0.35	0.92	-0.05	0.51
6	1.05	-0.51	0.18	1.08	-0.04	0.30	-0.04	-0.82	-0.32	0.51	-0.52	0.05
7	1.03	-0.29	0.37	0.74	-0.18	0.17	0.74	-0.38	0.32	-0.09	-1.13	-0.53
8	0.94	0.00	0.45	0.65	-0.14	0.18	1.42	0.68	1.16	0.02	-1.03	-0.48
9	0.77	0.12	0.46	0.81	0.01	0.34	1.46	0.55	1.11	0.33	-0.96	-0.13
10	0.69	0.27	0.46	0.65	0.01	0.38	1.14	-0.10	0.66	0.49	-0.36	0.12
11	0.46	-0.30	0.23	0.77	-0.11	0.39	0.86	-0.19	0.43	0.81	-0.23	0.40
12	0.32	-0.19	0.11	0.44	-0.57	0.10	0.82	-0.22	0.37	1.18	0.28	0.82
13	0.57	-0.18	0.22	0.47	-0.57	0.05	0.88	-0.28	0.34	1.34	0.60	0.99
14	1.20	-0.09	0.69	0.59	-0.43	0.03	0.79	-0.23	0.28	1.84	1.09	1.51
15	1.27	0.16	0.85	0.55	-0.43	0.08	0.79	-0.20	0.28	4.09	1.55	2.54
16	1.24	0.15	0.74	0.50	-0.60	-0.07	0.72	-0.16	0.24	4.31	1.22	2.44
17	1.04	0.07	0.61	0.23	-0.54	-0.16	0.60	-0.32	0.16	1.70	0.57	1.07
18	0.97	0.05	0.49	0.19	-0.84	-0.34	0.40	-0.17	0.10	1.24	0.56	0.85
19	0.87	-0.21	0.34	0.60	-0.92	-0.07	0.45	-0.12	0.14	1.22	0.31	0.82
20	0.86	-0.43	0.24	0.64	-0.54	0.09	0.45	-0.07	0.23	1.43	0.88	1.12
21	0.97	-0.27	0.27	0.66	-0.22	0.21	0.51	-0.44	0.01	1.74	0.88	1.34
22	0.83	-0.21	0.24	0.45	-0.15	0.15	0.49	-0.47	-0.01	1.97	0.99	1.59
23	0.49	-0.29	0.11	0.23	-0.20	0.01	0.55	-0.62	0.04	2.39	1.36	1.90
24	1.14	-0.30	0.20	0.39	-0.27	0.08	0.54	-0.53	0.06	1.72	0.75	1.41
25	0.77	-0.26	0.10	0.42	-0.51	0.04	0.69	-0.58	0.07	1.48	0.49	1.05
26	0.61	-0.35	0.02	0.69	-0.26	0.27	0.55	-0.46	0.04	1.12	0.29	0.75
27	0.48	-0.30	0.13	0.71	-0.46	0.22	0.73	-0.44	0.25	0.51	-0.28	0.23
28	0.84	-0.19	0.36	0.75	-0.41	0.22	0.79	-0.29	0.31	0.37	-0.31	0.02
29	0.89	-0.12	0.46	0.63	-0.54	0.11	0.83	-0.20	0.35	0.31	-0.25	0.12
30	1.27	0.06	0.59	0.78	-0.57	0.19	0.71	-0.15	0.28	0.69	0.12	0.36
31	---	---	---	0.94	-0.20	0.44	0.61	-0.08	0.25	---	---	---
MONTH	1.27	-0.69	0.33	1.30	-0.92	0.21	1.46	-0.84	0.25	4.31	-1.13	0.75

[illegible]

301748090200900 PASS MANCHAC AT TURTLE COVE NEAR PONCHATOULA, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3.50	2.57	2.97	3.96	3.19	3.50	3.47	2.96	3.22	3.19	2.96	3.07
2	3.48	2.66	3.11	3.78	3.26	3.54	3.42	2.69	3.07	3.09	2.87	2.97
3	3.41	2.23	2.90	3.83	3.14	3.44	3.14	2.68	2.87	3.52	2.99	3.30
4	3.11	2.49	2.78	3.59	3.04	3.32	3.00	2.68	2.80	3.75	3.30	3.58
5	3.41	2.41	2.80	3.55	2.84	3.22	3.14	1.76	2.44	3.59	3.10	3.40
6	3.44	2.26	2.87	3.50	2.56	3.08	2.41	1.82	2.25	3.11	2.50	2.92
7	3.60	2.85	3.16	3.74	2.03	2.85	3.31	2.36	2.82	2.50	1.82	2.22
8	3.58	3.04	3.35	3.17	2.67	2.85	4.10	3.31	3.73	2.33	1.71	2.06
9	3.61	3.18	3.43	3.44	2.76	3.08	4.37	3.93	4.15	2.85	2.04	2.43
10	3.59	3.13	3.34	3.42	2.92	3.10	3.99	3.20	3.60	3.10	2.52	2.82
11	3.39	2.82	3.07	3.29	2.80	3.04	3.64	3.02	3.27	3.45	2.74	3.07
12	3.06	2.67	2.83	3.44	2.25	2.77	3.42	2.83	3.14	3.96	3.23	3.55
13	3.34	2.65	2.93	2.80	2.27	2.58	3.25	2.78	3.02	4.17	3.61	3.87
14	3.73	2.69	3.32	---	---	---	3.28	2.84	3.06	4.57	4.05	4.29
15	3.83	3.37	3.58	---	---	---	3.32	2.84	3.09	5.13	4.50	4.74
16	3.85	3.34	3.59	---	---	---	3.22	2.89	3.06	5.31	4.33	4.95
17	3.79	3.20	3.45	---	---	---	3.16	2.80	2.99	4.35	3.68	4.08
18	3.53	3.01	3.25	---	---	---	3.12	2.75	2.90	4.06	3.54	3.81
19	3.38	2.81	3.09	---	---	---	3.20	2.79	2.94	3.97	3.54	3.75
20	3.36	2.63	2.95	---	---	---	3.32	2.50	3.07	4.23	3.54	4.00
21	3.58	1.89	2.93	3.13	2.67	2.88	3.06	2.39	2.87	4.59	3.99	4.33
22	3.19	2.57	2.89	3.08	2.60	2.79	2.96	2.55	2.81	4.85	4.15	4.48
23	3.26	2.43	2.80	3.12	2.27	2.63	3.02	2.54	2.83	5.30	4.62	4.97
24	3.38	2.61	2.86	---	---	---	3.29	2.61	2.90	5.05	4.26	4.63
25	3.22	2.26	2.84	---	---	---	---	---	---	4.28	3.93	4.11
26	3.05	2.47	2.84	---	---	---	3.08	2.49	2.81	3.98	3.58	3.77
27	3.31	2.69	2.95	---	---	---	3.24	2.66	2.94	3.58	2.92	3.19
28	3.67	2.83	3.17	---	---	---	3.31	2.76	3.02	2.97	2.73	2.82
29	3.69	2.94	3.30	3.05	2.46	2.74	3.50	2.84	3.10	---	---	---
30	3.81	3.15	3.43	3.17	2.49	2.80	3.31	2.77	3.02	---	---	---
31	---	---	---	3.41	2.77	3.08	3.21	2.87	3.02	---	---	---
MONTH	3.85	1.89	3.09	---	---	---	4.37	1.76	3.03	---	---	---

3024260902559 SELSERS CREEK AT I-55 NEAR PONCHATOULA, LA

LOCATION.--Lat 30° 24'26", long 90° 25'59", in sec. 30, T. 7 S., R. 8 E., Tangipahoa Parish, Hydrologic Unit 08070204, located on east side of north bound bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 2001, datum of gage is 3.29 ft below NAVD 88.

REMARKS.--Rain gage at station. Stage affected by wind and tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.53 ft, Sept. 27, 2002; minimum gage height, -0.73 ft (revised to NAVD 88), Dec. 19, 20, 31, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.13 ft, May 18; minimum gage height, -0.71 ft, Dec. 19.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.80	1.60	0.45	1.09	1.48	1.88	0.21	1.62	0.91	2.00	1.23	1.05
2	1.78	1.61	0.54	1.01	1.88	1.79	0.26	1.30	1.16	1.97	1.14	0.94
3	1.79	1.47	0.95	0.93	1.54	1.66	0.28	0.80	1.02	1.91	0.85	1.21
4	1.74	1.45	1.26	0.92	1.31	1.66	0.04	0.79	0.84	1.79	0.81	1.53
5	1.62	1.82	1.07	0.94	1.83	1.76	0.27	0.81	0.84	1.58	0.50	1.41
6	1.50	1.46	0.41	0.61	1.89	1.52	0.67	0.66	1.17	1.39	0.16	0.99
7	1.52	1.15	0.35	0.75	1.27	0.89	0.95	0.72	1.38	1.19	0.65	0.28
8	1.62	1.21	0.52	1.01	0.60	0.36	0.75	0.73	1.44	1.29	1.45	-0.05
9	1.63	1.32	0.87	1.15	0.95	-0.09	0.56	0.73	1.43	1.15	1.88	0.31
10	1.98	1.50	0.58	0.69	1.23	-0.30	0.74	1.07	1.39	1.17	1.77	0.72
11	2.22	1.55	0.02	0.68	1.59	0.02	0.88	1.46	1.12	1.10	1.32	0.94
12	2.30	1.50	0.40	0.54	1.98	0.01	1.07	1.88	0.81	0.95	1.15	1.37
13	2.19	1.24	1.11	0.48	1.74	0.32	0.04	2.51	0.84	0.68	0.93	1.68
14	2.01	1.40	0.89	0.39	1.61	0.75	-0.65	2.40	1.21	0.64	0.98	1.92
15	1.68	1.53	0.87	0.28	1.52	1.00	-0.58	2.76	1.52	0.66	1.00	2.11
16	1.52	1.53	0.99	0.54	1.31	1.18	-0.20	2.90	1.57	0.55	1.01	2.31
17	1.43	1.57	0.14	1.24	1.28	1.05	0.17	2.95	1.48	0.27	0.93	2.20
18	1.26	1.80	-0.50	1.42	1.06	1.01	0.43	3.10	1.26	0.23	0.85	1.91
19	1.42	1.28	-0.65	0.68	0.69	0.80	0.67	3.05	1.10	0.20	0.86	1.75
20	1.47	0.47	-0.54	0.44	0.64	0.75	0.78	2.90	0.93	0.53	1.02	1.79
21	1.30	0.73	-0.05	0.43	0.73	0.38	0.83	2.70	0.93	0.79	0.83	2.01
22	0.75	0.98	0.44	0.38	0.90	0.39	1.22	2.47	0.94	0.78	0.73	2.12
23	0.44	1.22	0.73	0.32	1.42	1.07	1.34	2.25	0.86	0.68	0.75	2.32
24	1.01	0.72	0.33	0.37	2.06	1.39	1.42	2.06	0.91	0.55	0.80	2.53
25	1.28	0.90	0.39	0.62	2.21	1.58	1.53	1.84	1.19	0.57	0.82	2.35
26	1.36	1.28	0.77	0.87	2.07	1.63	1.64	1.46	1.33	0.71	0.81	2.09
27	1.20	1.75	0.81	0.37	1.88	1.57	1.09	1.00	1.25	0.78	0.91	1.68
28	1.30	1.63	1.02	-0.23	1.82	1.56	1.05	0.63	1.54	0.71	1.00	0.99
29	1.33	0.90	1.35	0.01	1.85	1.33	1.40	0.67	1.67	0.75	1.11	0.87
30	1.41	0.55	1.03	0.55	---	0.90	1.68	1.01	1.89	0.78	1.09	1.09
31	1.47	---	1.19	0.87	---	0.48	---	0.88	---	1.06	1.11	---
MAX	2.30	1.82	1.35	1.42	2.21	1.88	1.68	3.10	1.89	2.00	1.88	2.53
MIN	0.44	0.47	-0.65	-0.23	0.60	-0.30	-0.65	0.63	0.81	0.20	0.16	-0.05

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 NGVD of 1929 (Corps of Engineers levels). Prior to Mar. 23, 1989, nonrecording gage read twice daily. Prior to Dec. 12, 1987, water-stage recorder at same site and datum. Prior to Jan. 17, 1940, nonrecording gage at same site and datum. Water-stage recorder for Bayou des Cannes at State Highway 755, near Eunice (Station No. 08010010) used as auxiliary gage for this station from November 1950 to September 1984. See WSP 1732 for history of changes prior to Jan. 13, 1958.

REMARKS.--Records fair, except during periods of estimated daily discharge, which are poor. Small diversion above station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	3.1	36	95	2,590	41	105	1,960	8.6	980	34	8.3
2	2.1	2.7	20	58	1,070	38	78	3,890	44	958	44	7.5
3	2.0	2.9	14	40	e555	41	91	3,870	160	1,110	42	6.8
4	1.9	3.3	11	30	e330	36	88	2,310	56	684	64	6.4
5	1.9	3.0	9.2	1,540	1,790	35	48	783	51	255	31	390
6	1.7	2.7	7.7	2,700	4,790	38	55	220	129	236	19	292
7	79	2.4	6.7	1,410	5,230	26	89	133	52	228	17	53
8	30	2.3	6.1	455	4,770	19	89	102	27	285	16	16
9	7.4	2.2	6.2	768	2,500	20	76	37	31	186	17	11
10	30	2.5	7.7	435	1,280	14	38	24	20	138	23	9.4
11	26	3.1	10	152	3,360	8.7	32	32	21	111	13	9.2
12	12	3.1	7.9	84	5,270	12	46	2,550	18	76	7.7	14
13	4.9	2.8	537	58	5,330	7.2	54	5,110	11	127	7.4	22
14	3.8	2.6	1,220	53	4,800	27	42	6,280	11	131	6.8	10
15	5.9	2.3	555	36	3,410	396	24	6,480	93	119	5.6	9.7
16	5.2	2.4	115	28	1,530	218	26	5,800	163	115	3.3	9.3
17	4.1	3.0	60	691	563	91	33	4,710	458	121	2.7	9.2
18	3.0	300	32	2,620	232	115	27	2,920	176	95	2.4	9.5
19	2.6	483	17	2,240	158	74	23	1,850	99	77	2.4	9.6
20	2.4	97	10	779	109	60	42	907	150	134	2.7	9.2
21	2.2	37	10	181	82	103	32	359	82	93	2.7	7.2
22	2.0	19	8.7	94	62	51	26	161	37	60	2.8	4.4
23	1.9	15	36	74	308	108	17	84	529	63	3.1	5.0
24	1.8	411	121	60	345	140	87	42	1,850	67	3.3	11
25	5.1	230	54	716	217	104	590	62	4,320	31	3.5	56
26	147	62	26	1,920	200	68	930	24	5,030	43	8.3	38
27	56	97	16	1,790	97	69	455	35	4,880	50	7.4	13
28	25	544	12	721	69	92	164	23	3,920	48	6.5	8.9
29	21	188	418	178	57	114	88	9.8	2,030	41	7.3	e6.4
30	12	68	908	1,510	---	92	227	9.3	1,140	55	6.6	e4.8
31	4.5	---	287	3,020	---	76	---	8.9	---	43	8.1	---
TOTAL	506.7	2,597.4	4,585.2	24,536	51,104	2,333.9	3,722	50,786.0	25,596.6	6,760	420.6	1,066.8
MEAN	16.3	86.6	148	791	1,762	75.3	124	1,638	853	218	13.6	35.6
MAX	147	544	1,220	3,020	5,330	396	930	6,480	5,030	1,110	64	390
MIN	1.7	2.2	6.1	28	57	7.2	17	8.9	8.6	31	2.4	4.4
AC-FT	1,010	5,150	9,090	48,670	101,400	4,630	7,380	100,700	50,770	13,410	834	2,120
CFSM	0.12	0.66	1.13	6.04	13.5	0.57	0.95	12.5	6.51	1.66	0.10	0.27
IN.	0.14	0.74	1.30	6.97	14.51	0.66	1.06	14.42	7.27	1.92	0.12	0.30

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

	145	206	368	454	453	311	321	324	214	224	162	176
MAX	1,293	1,016	1,748	1,562	1,762	1,167	1,238	2,362	894	1,519	1,456	961
(WY)	(2003)	(2003)	(1972)	(1998)	(2004)	(1980)	(1967)	(1953)	(1942)	(1946)	(1940)	(1973)
MIN	1.11	0.35	29.1	3.35	0.79	3.86	5.02	0.42	0.43	0.81	8.29	0.65
(WY)	(1939)	(2000)	(1959)	(2000)	(2000)	(1955)	(1963)	(1943)	(1948)	(1944)	(2000)	(2000)

08010000 BAYOU DES CANNES NEAR EUNICE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1939 - 2004		
ANNUAL TOTAL	76,116			174,015			279		
ANNUAL MEAN	209			475			523		1983
HIGHEST ANNUAL MEAN							79.4		2000
LOWEST ANNUAL MEAN									
HIGHEST DAILY MEAN	5,220	Feb 23		6,480	May 15		11,700	May 20, 1953	
LOWEST DAILY MEAN	1.7	Oct 6		1.7	Oct 6		0.00	May 6, 1939	
ANNUAL SEVEN-DAY MINIMUM	2.0	Sep 30		2.3	Oct 18		0.00	May 9, 1939	
MAXIMUM PEAK FLOW				6,660	May 15		11,900	May 20, 1953	
MAXIMUM PEAK STAGE				19.78	May 15		22.36	May 20, 1953	
INSTANTANEOUS LOW FLOW				1.5	Oct 24		a0.00	Oct 1, 1939	
INSTANTANEOUS LOW STAGE				0.93	Oct 24		0.00	Oct 1, 1939	
ANNUAL RUNOFF (AC-FT)	151,000			345,200			202,100		
ANNUAL RUNOFF (CFSM)	1.59			3.63			2.13		
ANNUAL RUNOFF (INCHES)	21.61			49.42			28.94		
10 PERCENT EXCEEDS	525			1,530			752		
50 PERCENT EXCEEDS	41			50			46		
90 PERCENT EXCEEDS	3.4			3.2			3.8		

a No flow at times in 1939, 1948, 1955-56, 1964, 1971, 1975-77.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.01	1.10	2.46	3.99	16.54	2.65	4.20	15.35	1.54	13.06	2.50	1.52
2	0.99	1.05	1.90	3.09	12.94	2.57	3.59	17.83	2.38	12.92	2.75	1.48
3	0.98	1.07	1.62	2.62	---	2.65	3.90	17.81	5.19	13.59	2.71	1.44
4	0.98	1.12	1.49	2.32	---	2.53	3.82	16.06	3.05	10.85	3.25	1.41
5	0.97	1.09	1.35	13.80	15.33	2.50	2.82	11.31	2.93	6.65	2.39	7.31
6	0.96	1.05	1.26	16.72	18.55	2.57	3.01	6.15	4.65	6.41	2.01	6.75
7	3.47	1.03	1.20	14.10	18.87	2.20	3.86	4.75	2.96	6.25	1.95	2.77
8	2.31	1.01	1.16	8.82	18.53	1.95	3.86	4.11	2.30	7.02	1.91	1.63
9	1.42	1.00	1.16	11.57	16.24	1.99	3.55	2.52	2.42	5.66	1.93	1.38
10	2.32	1.04	1.26	8.56	13.86	1.73	2.56	2.13	2.06	4.85	2.17	1.31
11	2.23	1.09	1.41	5.07	17.29	1.46	2.40	2.38	2.10	4.33	1.78	1.30
12	1.65	1.10	1.28	3.73	18.90	1.62	2.78	14.55	1.99	3.56	1.49	1.49
13	1.26	1.06	8.57	3.09	18.94	1.38	2.98	18.78	1.67	4.65	1.47	1.81
14	1.17	1.04	13.78	2.96	18.56	1.97	2.67	19.55	1.66	4.71	1.43	1.36
15	1.32	1.02	9.55	2.51	17.39	8.18	2.15	19.67	3.91	4.48	1.35	1.33
16	1.28	1.02	4.37	2.26	14.55	6.05	2.20	19.25	4.57	4.42	1.16	1.30
17	1.19	1.08	3.14	8.28	9.78	3.89	2.45	18.48	8.87	4.53	1.09	1.30
18	1.08	6.13	2.39	16.61	6.34	4.40	2.24	17.07	5.46	3.99	1.06	1.32
19	1.04	8.98	1.86	16.03	5.20	3.49	2.08	15.62	4.07	3.57	1.06	1.32
20	1.03	3.97	1.56	11.20	4.28	3.13	2.67	12.35	5.07	4.77	1.10	1.30
21	1.01	2.55	1.54	5.54	3.69	4.15	2.41	7.81	3.66	3.94	1.10	1.19
22	0.99	1.95	1.46	3.97	3.18	2.90	2.19	5.23	2.54	3.15	1.10	0.99
23	0.97	1.75	2.36	3.50	6.97	4.26	1.86	3.73	8.64	3.23	1.13	1.04
24	0.96	8.15	4.51	3.14	7.67	4.89	3.06	2.70	15.33	3.32	1.16	1.34
25	1.18	6.11	2.99	9.55	6.13	4.16	10.03	3.20	18.19	2.40	1.18	2.85
26	4.96	3.19	2.19	15.62	5.84	3.36	12.67	2.17	18.73	2.72	1.51	2.34
27	3.05	3.67	1.84	15.29	4.03	3.38	8.76	2.48	18.62	2.90	1.47	1.48
28	2.18	9.67	1.65	10.89	3.37	3.92	5.28	2.14	17.88	2.84	1.42	1.28
29	2.03	5.58	7.32	5.50	3.06	4.40	3.83	1.60	15.96	2.68	1.47	---
30	1.65	3.33	12.47	13.69	---	3.92	5.46	1.57	13.59	3.01	1.42	---
31	1.22	---	6.83	17.06	---	3.56	---	1.56	---	2.73	1.51	---
MAX	4.96	9.67	13.78	17.06	---	8.18	12.67	19.67	18.73	13.59	3.25	---
MIN	0.96	1.00	1.16	2.26	---	1.38	1.86	1.56	1.54	2.40	1.06	---

08010200 BAYOU PLAQUEMINE BRULE' AT CHURCH POINT, LA

LOCATION.--Lat 30° 18'06", long 92° 20'36", sec. 40, T. 7 S., R. 2 E., Louisiana Meridian, Acadia Parish, Hydrologic Unit 08080201, on downstream side of bridge on State Highway 35 in Church Point.

DRAINAGE AREA.--126 mi²

PERIOD OF RECORD.--October 1955 to October 1963 (low-flow station, discharge measurements of base flow only). October 1967 to September 1971 (miscellaneous measurements of discharge). May 2002 to current year..

GAGE.--Water-stage recorder. Datum of gage is 18.00 ft above NAVD 88.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.11 ft, May 13, 2004; minimum gage height, 3.81 ft, Oct. 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.11 ft, May 13; minimum gage height, 3.92 ft, Oct. 6.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.95	4.36	4.18	4.61	6.29	4.66	4.49	22.83	4.50	9.65	4.58	4.24
2	3.95	4.31	4.12	4.55	6.43	4.62	4.47	23.22	4.95	7.66	4.66	4.17
3	3.94	4.26	4.09	4.50	6.49	4.63	4.55	17.00	6.61	7.50	4.76	4.14
4	3.94	4.23	4.06	4.47	5.32	4.78	4.52	8.70	6.02	5.81	4.60	4.14
5	3.94	4.20	4.07	10.39	10.09	4.73	4.50	5.78	5.21	5.15	4.33	4.17
6	3.98	4.18	4.07	8.44	14.52	5.01	4.48	5.21	6.35	4.98	4.29	4.13
7	4.10	4.16	4.05	5.32	7.23	5.11	4.52	5.46	5.45	4.88	4.40	4.12
8	3.96	4.12	4.05	5.85	5.58	4.74	4.54	5.12	4.94	7.93	4.48	4.15
9	3.98	4.10	4.06	10.17	5.11	4.56	4.53	4.88	4.96	9.70	4.29	4.14
10	5.38	4.10	4.18	6.52	7.48	4.53	4.52	4.74	4.71	5.82	4.35	4.12
11	4.45	4.09	4.29	5.15	18.21	4.52	4.50	4.41	4.66	5.26	4.27	4.12
12	4.20	4.08	4.14	4.74	23.29	4.61	4.50	21.15	4.62	5.20	4.21	4.40
13	4.18	4.07	9.15	4.58	18.42	4.68	4.49	26.03	4.43	5.36	4.21	4.84
14	4.14	4.04	7.80	4.56	13.04	5.09	4.47	25.73	4.80	5.30	4.20	4.17
15	4.09	4.02	5.12	4.53	11.34	6.52	4.45	25.36	5.35	5.26	4.24	4.15
16	4.01	4.01	4.65	4.51	7.03	5.47	4.44	23.40	6.84	4.74	4.29	4.15
17	3.99	4.01	4.51	8.85	5.93	4.85	4.47	17.82	5.84	4.67	4.22	4.19
18	4.00	9.08	4.31	14.67	5.48	4.58	4.58	20.60	5.12	4.73	4.20	4.15
19	3.99	7.88	4.17	7.41	5.19	4.60	4.57	18.68	4.79	4.72	4.19	4.13
20	4.04	4.85	4.17	5.73	5.02	4.54	4.67	11.80	5.83	4.45	4.18	4.12
21	4.02	4.55	4.16	5.22	4.87	4.58	4.58	7.06	5.36	4.49	4.49	4.11
22	4.00	4.47	4.15	4.89	4.76	4.62	4.59	5.62	4.91	4.73	4.52	4.14
23	3.98	4.34	4.24	4.72	5.32	4.64	4.62	5.11	9.95	5.43	4.23	4.12
24	3.97	5.47	4.32	4.60	5.62	4.55	4.84	4.92	14.42	4.99	4.19	4.56
25	5.71	4.75	4.32	7.84	5.74	4.55	6.83	4.78	22.40	4.58	4.18	4.77
26	9.35	4.44	4.28	8.59	5.82	4.55	10.59	4.70	20.98	4.51	4.17	4.19
27	5.01	4.56	4.26	5.78	5.20	4.64	6.01	4.66	14.83	5.12	4.16	4.17
28	4.73	4.77	4.23	4.95	4.92	4.66	5.07	4.55	9.24	5.11	4.15	4.16
29	4.56	4.40	6.74	4.77	4.74	4.63	4.79	4.54	7.15	4.51	4.17	4.15
30	4.47	4.24	6.85	15.77	---	4.53	9.75	4.38	8.37	4.46	4.17	4.15
31	4.41	---	5.03	11.69	---	4.51	---	4.30	---	4.32	4.53	---
MAX	9.35	9.08	9.15	15.77	23.29	6.52	10.59	26.03	22.40	9.70	4.76	4.84
MIN	3.94	4.01	4.05	4.47	4.74	4.51	4.44	4.30	4.43	4.32	4.15	4.11

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 right 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 3.58 ft NAVD 88. Prior to May 2003 datum of gage was 3.39 ft above NGVD of 1929. Prior to July 1947, nonrecording gage at same site and datum. Water-stage recorder for Bayou Nezpique at Mamou pumping plant near Basile (station 08012020) used as auxiliary for this station from July 7, 1979 to Sep. 30, 1984. Mar. 27, 1945 to July 6, 1979, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good except period of estimated daily discharge which is rated poor. Diversion for irrigation by Mamou pumping plant may affect stage-discharge relation.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	21	515	1,600	6,160	322	203	993	91	4,920	157	15
2	17	18	282	1,370	5,680	254	175	2,330	87	4,540	138	13
3	15	19	152	943	5,110	237	172	3,770	129	4,200	134	9.6
4	17	21	97	501	4,600	218	165	4,270	168	3,950	117	7.2
5	15	21	71	826	4,670	208	132	4,140	148	3,620	84	6.3
6	13	17	56	1,390	5,790	198	96	3,750	113	3,170	77	8.8
7	15	14	43	1,450	6,690	202	110	3,240	116	2,690	93	15
8	63	12	32	1,130	6,240	189	134	2,710	125	2,260	89	26
9	78	11	26	1,080	5,430	161	146	2,220	124	1,930	65	28
10	125	12	23	1,250	4,930	130	129	1,580	97	1,680	44	24
11	300	14	26	1,170	5,840	106	99	804	71	1,400	45	18
12	289	16	29	883	8,630	86	99	1,540	52	965	56	14
13	172	15	282	574	10,200	81	126	3,420	43	588	49	11
14	88	14	e1,250	344	10,200	129	137	5,670	67	422	42	8.4
15	50	15	1,840	231	9,420	493	103	8,190	223	325	33	6.4
16	35	15	1,860	178	8,150	877	92	9,040	256	273	28	6.2
17	28	20	1,620	479	6,770	926	73	8,940	629	241	25	8.6
18	e24	127	1,170	1,600	5,570	765	53	8,590	853	179	25	10
19	21	567	604	2,400	4,760	565	53	8,170	838	143	21	11
20	17	613	263	2,610	4,110	432	49	7,440	686	121	14	7.2
21	14	391	124	2,450	3,480	347	46	6,610	491	135	11	4.8
22	15	216	78	2,150	2,850	288	55	5,750	327	162	11	3.4
23	16	122	94	1,830	2,320	235	65	4,920	398	176	17	3.1
24	16	202	343	1,540	1,770	224	67	4,290	1,140	158	26	4.7
25	17	559	388	1,580	1,370	199	399	3,710	3,120	123	32	6.0
26	18	505	309	2,880	1,110	166	828	3,110	5,910	106	31	6.2
27	30	365	218	4,280	908	166	1,030	2,530	7,770	90	28	12
28	43	654	146	4,700	697	177	903	1,870	7,750	90	26	13
29	40	878	382	4,580	477	162	590	1,020	6,640	119	23	12
30	33	748	1,230	4,830	---	185	331	454	5,530	140	21	11
31	26	---	1,610	5,810	---	205	---	193	---	173	18	---
TOTAL	1,671	6,222	15,163	58,639	143,932	8,933	6,660	125,264	43,992	39,089	1,580	329.9
MEAN	53.9	207	489	1,892	4,963	288	222	4,041	1,466	1,261	51.0	11.0
MAX	300	878	1,860	5,810	10,200	926	1,030	9,040	7,770	4,920	157	28
MIN	13	11	23	178	477	81	46	193	43	90	11	3.1
AC-FT	3,310	12,340	30,080	116,300	285,500	17,720	13,210	248,500	87,260	77,530	3,130	654
CFSM	0.10	0.39	0.93	3.59	9.42	0.55	0.42	7.67	2.78	2.39	0.10	0.02
IN.	0.12	0.44	1.07	4.14	10.16	0.63	0.47	8.84	3.11	2.76	0.11	0.02

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

MEAN	351	540	1,126	1,451	1,528	1,142	1,064	1,040	540	552	399	427
MAX	3,027	4,751	4,259	5,850	6,528	3,301	5,598	9,202	2,459	4,695	5,169	3,109
(WY)	(2003)	(1986)	(1972)	(1998)	(1955)	(1980)	(1995)	(1953)	(1940)	(1989)	(1940)	(1979)
MIN	3.81	10.3	46.4	18.4	8.28	124	12.9	7.05	0.38	10.8	23.0	9.96
(WY)	(1949)	(1951)	(1959)	(2000)	(2000)	(1962)	(1946)	(1951)	(1948)	(1944)	(1947)	(1999)

08012000 BAYOU NEZPIQUE NEAR BASILE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	198,580		451,474			
ANNUAL MEAN	544		1,234		844	
HIGHEST ANNUAL MEAN					1,639	1973
LOWEST ANNUAL MEAN					169	2000
HIGHEST DAILY MEAN	10,300	Feb 23	10,200	Feb 13, 14	35,100	May 20, 1953
LOWEST DAILY MEAN	8.2	Aug 21	3.1	Sep 23	0.10	Jun 7, 1943
ANNUAL SEVEN-DAY MINIMUM	12	Aug 15	5.1	Sep 20	0.10	Jun 22, 1948
MAXIMUM PEAK FLOW			10,400	Feb 13, 14	35,800	May 20, 1953
MAXIMUM PEAK STAGE			24.31	Feb 14	34.39	May 20, 1953
INSTANTANEOUS LOW FLOW			2.8	Sep 23	0.10	Jun 29, 1948
INSTANTANEOUS LOW STAGE			1.41	Sep 23	1.00	Jun 28, 1948
ANNUAL RUNOFF (AC-FT)	393,900		895,500		611,300	
ANNUAL RUNOFF (CFSM)	1.03		2.34		1.60	
ANNUAL RUNOFF (INCHES)	14.02		31.87		21.76	
10 PERCENT EXCEEDS	1,240		4,680		2,590	
50 PERCENT EXCEEDS	203		178		170	
90 PERCENT EXCEEDS	20		15		12	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.06	2.04	9.47	16.21	22.11	7.44	5.90	12.81	4.06	21.26	4.86	2.10
2	1.92	1.96	6.93	15.22	21.82	6.60	5.46	18.02	3.98	20.92	4.56	1.98
3	1.83	1.98	5.11	12.91	21.42	6.37	5.41	20.15	4.72	20.59	4.50	1.84
4	1.91	2.05	4.17	9.31	20.97	6.11	5.30	20.66	5.34	20.34	4.21	1.73
5	1.85	2.03	3.71	11.98	21.03	5.96	4.78	20.53	5.02	19.99	3.62	1.68
6	1.77	1.90	3.39	15.31	21.88	5.82	4.15	20.13	4.44	19.47	3.51	1.80
7	1.81	1.80	3.07	15.57	22.42	5.88	4.41	19.56	4.48	18.81	3.78	2.07
8	3.17	1.72	2.75	14.05	22.16	5.68	4.82	18.83	4.65	17.97	3.71	2.48
9	3.51	1.67	2.54	13.80	21.65	5.25	5.01	17.91	4.63	17.10	3.35	2.57
10	4.31	1.69	2.43	14.66	21.27	4.76	4.75	15.98	4.13	16.32	3.01	2.39
11	6.85	1.78	2.53	14.29	21.89	4.33	4.21	11.88	3.67	15.12	3.04	2.19
12	6.72	1.85	2.64	12.54	23.44	3.97	4.21	15.38	3.26	12.75	3.23	2.03
13	5.09	1.82	6.36	10.02	24.16	3.89	4.69	19.71	3.03	9.84	3.12	1.90
14	3.69	1.79	---	7.70	24.20	4.71	4.87	21.77	3.53	8.23	2.97	1.78
15	2.93	1.82	16.90	6.28	23.82	9.16	4.27	23.22	6.11	7.16	2.71	1.69
16	2.52	1.82	16.97	5.50	23.21	12.51	4.09	23.64	6.55	6.53	2.55	1.67
17	2.29	2.02	16.24	8.59	22.47	12.87	3.73	23.60	10.43	6.11	2.46	1.79
18	---	4.13	14.22	16.04	21.74	11.65	3.32	23.43	12.29	5.21	2.44	1.87
19	2.05	9.62	10.24	18.27	21.11	9.96	3.33	23.22	12.17	4.65	2.29	1.88
20	1.90	10.07	6.67	18.67	20.50	8.67	3.22	22.84	10.95	4.28	2.05	1.73
21	1.80	7.89	4.64	18.39	19.84	7.74	3.16	22.38	9.19	4.52	1.89	1.59
22	1.83	5.74	3.83	17.73	19.05	7.03	3.36	21.86	7.44	4.94	1.88	1.47
23	1.87	4.30	4.10	16.89	18.10	6.35	3.59	21.26	8.15	5.16	2.16	1.44
24	1.87	5.40	7.65	15.97	16.71	6.19	3.59	20.68	13.65	4.87	2.47	1.57
25	1.90	9.58	8.20	16.00	15.23	5.82	8.12	20.09	19.20	4.32	2.67	1.67
26	1.96	9.06	7.29	18.99	13.97	5.32	12.13	19.40	21.93	4.01	2.66	1.68
27	2.35	7.62	6.10	20.66	12.74	5.32	13.56	18.52	23.01	3.73	2.55	1.97
28	2.74	10.36	5.02	21.06	11.09	5.50	12.70	16.95	23.00	3.74	2.47	2.02
29	2.67	12.37	7.72	20.96	9.11	5.26	10.16	13.30	22.39	4.25	2.37	1.95
30	2.48	11.52	14.52	21.17	---	5.62	7.54	8.82	21.72	4.60	2.31	1.89
31	2.24	---	16.25	21.89	---	5.92	---	5.70	---	5.11	2.21	---
MAX	---	12.37	---	21.89	24.20	12.87	13.56	23.64	23.01	21.26	4.86	2.57
MIN	---	1.67	---	5.50	9.11	3.89	3.16	5.70	3.03	3.73	1.88	1.44

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 Nezique and Des Cannes.

DRAINAGE AREA.--1,381 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1984 to current year. August 1941 to September 1984 (gage-height records only), in files of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and acoustic doppler. Datum of gage is 0.54 ft. below NGVD 1929 (datum of gage prior to Oct. 1998 and for water years 1997 to 2002 published incorrectly). Prior to October 1984, datum of gage is at mean low Gulf.

REMARKS.--No estimated daily discharges. Discharge is affected by tide and wind at medium and low stages. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 47,600 ft³/s, May 18, 2004; 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 positive discharge, 47,600 ft³/s, May 18; maximum gage height, 8.96 ft, May 18, 19; maximum negative discharge, -4,060 ft³/s, June 16; minimum gage height, 0.72 ft, Sept. 23.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	669	354	2,740	2,290	---	1,200	140	4,000	1,590	18,600	815	174
2	465	261	1,610	2,780	---	633	205	6,930	411	16,400	1,240	-27
3	158	195	159	2,570	---	150	-6.0	7,400	1,190	14,000	1,370	-197
4	103	-167	1,100	2,060	---	-1,120	569	8,760	1,250	11,600	703	53
5	-121	-183	1,320	5,250	---	137	1,040	9,770	949	9,210	885	409
6	-135	---	640	6,070	---	2,400	35	8,610	361	8,050	1,690	640
7	177	---	246	4,060	---	1,450	1,080	7,730	692	7,280	1,110	750
8	-53	---	145	4,480	---	1,790	1,030	6,660	-54	6,220	828	547
9	101	---	-343	7,040	---	1,880	1,160	5,630	674	5,700	489	74
10	5,080	---	787	6,700	---	744	760	4,580	525	5,620	407	-50
11	6,210	---	304	5,020	---	714	1,510	3,670	164	4,610	214	26
12	4,580	---	298	4,360	---	820	914	10,600	144	3,720	961	103
13	1,880	---	1,660	3,550	---	284	962	16,100	134	3,360	846	-104
14	1,550	---	2,560	2,760	---	794	491	22,400	1,740	2,650	772	-30
15	365	---	1,550	2,010	---	2,590	-79	29,800	485	2,020	591	638
16	250	---	2,370	1,380	---	2,160	193	35,500	662	1,720	530	216
17	1,150	---	2,340	2,520	---	1,280	-122	40,700	961	1,100	388	-91
18	767	---	2,320	5,790	---	2,300	-728	41,600	2,120	1,810	-235	83
19	321	---	2,990	6,440	---	1,840	-292	40,000	2,680	1,130	-575	343
20	---	---	2,050	5,040	---	1,490	-902	---	2,400	1,200	-841	-247
21	---	354	482	5,100	---	2,810	-615	---	1,740	862	-385	166
22	---	113	-145	4,730	---	2,060	-788	---	806	855	-954	213
23	-518	1,080	596	3,710	---	369	-368	---	2,930	704	-922	57
24	---	---	804	2,940	---	644	823	---	4,930	558	-1,000	-202
25	---	---	901	2,930	---	159	3,800	---	11,900	870	-697	699
26	---	---	403	3,530	---	652	5,630	---	16,800	1,030	-756	400
27	---	---	78	3,650	---	285	4,440	---	20,200	1,110	-687	518
28	23	---	124	3,050	---	-103	2,880	4,530	21,900	849	-186	357
29	-18	---	2,040	3,370	---	1,610	2,640	3,420	22,200	781	180	234
30	-180	---	2,820	7,150	---	373	2,090	1,890	20,900	698	358	-130
31	492	---	2,210	11,600	---	1,330	---	3,010	---	619	410	---
TOTAL	---	---	37,159	133,930	---	33,725	28,492.0	---	143,384	134,936	7,549	5,622

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	2.08	2.38	2.11	3.18	2.90	1.86	2.46	3.31	6.16	1.90	1.13
2	2.08	2.11	2.26	2.16	3.25	2.77	1.80	2.59	3.18	5.78	1.93	1.17
3	2.17	2.06	2.27	2.20	3.30	2.76	1.79	2.62	3.13	5.35	1.92	1.14
4	2.17	2.02	2.19	2.26	3.21	2.83	1.71	2.76	3.04	4.93	1.94	1.16
5	2.17	2.01	2.02	2.19	3.55	2.92	1.65	2.89	2.96	4.51	1.89	1.16
6	2.17	1.97	1.88	1.97	4.04	2.69	1.79	2.82	2.97	4.27	1.64	1.08
7	2.18	1.84	2.00	2.05	4.14	2.50	1.97	2.73	2.92	4.09	1.60	1.05
8	2.18	1.76	2.05	2.33	4.07	2.27	1.92	2.64	2.92	3.90	1.66	1.02
9	2.24	1.74	2.12	2.51	3.98	2.17	1.89	2.54	2.86	3.80	1.63	1.06
10	2.69	1.94	1.86	2.42	3.92	2.02	1.93	2.50	2.80	3.72	1.59	1.11
11	2.86	2.03	1.77	2.35	4.45	2.05	1.81	2.52	2.74	3.57	1.58	1.06
12	2.79	2.01	1.83	2.31	5.56	1.94	1.70	3.31	2.65	3.40	1.33	1.06
13	2.66	1.70	2.01	2.24	6.01	1.90	1.55	3.97	2.58	3.23	1.28	1.12
14	2.56	1.84	2.05	2.15	6.40	1.98	1.64	5.26	2.53	3.07	1.26	1.13
15	2.47	1.94	2.21	2.07	6.64	2.16	1.74	6.72	2.52	2.95	1.29	0.99
16	2.51	1.94	2.16	2.05	6.53	2.14	1.75	7.73	2.62	2.86	1.32	0.97
17	2.46	2.00	1.99	2.25	6.14	2.22	1.74	8.54	2.68	2.75	1.32	1.04
18	2.27	2.33	1.96	2.51	5.49	2.26	1.80	8.78	2.63	2.57	1.35	1.03
19	2.29	2.07	1.81	2.41	4.86	2.22	1.79	8.85	2.54	2.43	1.41	0.94
20	2.28	2.11	1.79	2.34	4.36	2.19	1.84	8.49	2.48	2.38	1.46	1.03
21	2.24	2.13	1.85	2.34	3.90	2.00	1.85	7.93	2.47	2.34	1.34	1.03
22	---	2.19	1.92	2.33	3.59	1.83	1.90	7.22	2.52	2.28	1.34	0.99
23	2.13	2.21	1.82	2.30	3.49	2.00	1.92	6.39	2.51	2.15	1.36	0.92
24	2.15	1.73	1.71	2.33	3.37	2.09	1.97	5.52	3.00	2.05	1.38	1.27
25	2.16	1.87	1.74	2.56	3.19	2.16	2.00	4.80	4.02	2.03	1.35	1.21
26	---	1.97	1.79	2.41	2.95	2.13	2.14	4.31	4.94	1.92	1.34	1.13
27	---	2.36	1.85	2.10	2.91	2.18	2.11	4.02	5.69	1.87	1.25	1.09
28	2.05	2.43	1.84	2.07	2.88	2.18	2.15	3.78	6.19	1.89	1.22	1.10
29	2.05	2.39	1.92	2.19	2.92	1.98	2.24	3.62	6.41	1.91	1.20	1.11
30	2.09	2.44	1.95	2.73	---	1.97	2.24	3.64	6.37	1.91	1.17	1.15
31	2.10	---	2.01	3.08	---	1.83	---	3.53	---	1.87	1.15	---
MAX	---	2.44	2.38	3.08	6.64	2.92	2.24	8.85	6.41	6.16	1.94	1.27
MIN	---	1.70	1.71	1.97	2.88	1.83	1.55	2.46	2.47	1.87	1.15	0.92

08012150 MERMENTAU RIVER AT MERMENTAU, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953, 1979-1993, 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1980 to September 1982, May 2000 to current year.

WATER TEMPERATURE: April 1980 to September 1982, May 2000 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Nov. 6-Dec. 7, Feb. 13-Apr. 4 when records good; Dec. 8-10 when records fair.

SALINITY: Records excellent except for Nov. 6-Dec. 7, Feb. 13-Apr. 4 when records good; Dec. 8-10 when records fair.

TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 631 microsiemens/cm, June 8, 2003; minimum, 45 microsiemens/cm, Feb. 15, 2003. SALINITY:

WATER TEMPERATURE: Maximum, 32.9° C July 21; minimum, 6.0° C Jan. 17, 1982.

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

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, water unfiltered, uS/cm 25 deg C (00095)	Temperature, water, deg C (00010)	Alkalinity, water filtered, mg/L as CaCO ₃ (39086)	Chloride, water, filtered, mg/L (00940)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrite + nitrate, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)
OCT 02...	0715	600	1.2	7.3	151	23.9	43	13.0	4.4	<.04	.17	.036	.183
DEC 16...	1100	2,930	6.6	6.5	154	11.5	36	16.0	5.3	.06	.24	E.007n	.014
FEB 18...	0800	--	8.5	6.8	46	10.1	13	3.30	1.6	<.04	<.06	E.005n	.033
MAR 29...	1330	2,230	3.6	7.5	201	20.6	54	20.3	5.4	E.02n	.38	.026	.074
APR 29...	0820	3,430	3.5	7.0	249	21.4	66	29.3	6.1	.15	.51	.023	.062
MAY 24...	1315	29,600	3.2	8.4	81	24.3	27	5.32	1.6	<.04	<.06	.015	.107
JUN 15...	1215	697	5.1	7.0	208	29.3	68	16.3c	2.5c	.77	.06	.013	.136
AUG 10...	1445	-338	7.7	7.7	253	31.0	84	23.0	3.2	.17	E.06n	.013	.101

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

Date	Phosphorus, water, unfiltered, mg/L (00665)	2,6-Diethyl-aniline, water, filtered, 0.7u GF ug/L (82660)	CIAT, water, filtered, ug/L (04040)	Aceto-chlor, water, filtered, ug/L (49260)	Ala-chlor, water, filtered, ug/L (46342)	alpha-HCH, water, filtered, ug/L (34253)	Atra-zine, water, filtered, ug/L (39632)	Azin-phos-methyl, water, filtered, 0.7u GF ug/L (82686)	Ben-flur-alin, water, filtered, 0.7u GF ug/L (82673)	Butyl-ate, water, filtered, ug/L (04028)	Car-baryl, water, filtered, 0.7u GF ug/L (82680)	Carbo-furan, water, filtered, 0.7u GF ug/L (82674)	Chlor-pyri-fos, water, filtered, ug/L (38933)
OCT 02...	.31oc	<.006	E.008	<.006	<.004	<.005	.127	<.050	<.010	<.002	<.041	<.020	<.005
DEC 16...	.25oc	<.006	<.006	<.006	<.005	<.005	.016	<.050	<.010	<.004	E.009t	<.020	<.005
FEB 18...	.132	<.006	<.006	<.006	<.005	<.005	.011	<.050	<.010	<.004	<.041	<.020	<.005
MAR 29...	.35oc	<.006	E.029	.008	<.005	<.005	2.66	<.050	<.010	<.004	E.010t	E.012n	<.005
APR 29...	.35oc	<.006	E.019	<.006	<.005	<.005	.395	<.050	<.010	<.004	E.045	<.020	<.005
MAY 24...	.20oc	<.006	E.009	<.006	<.005	<.005	.127	<.050	<.010	<.004	E.011t	<.020	E.006
JUN 15...	.31oc	<.006	E.009	<.006	<.005	<.005	.098	<.050	<.010	<.004	<.041	<.020	<.005
AUG 10...	.23oc	<.006	<.006	<.006	<.005	<.005	.040	<.050	<.010	<.004	<.041	<.020	<.005

08012150 MERMENTAU RIVER AT MERMENTAU, LA—Continued

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

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyanazine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dieldrin, water, fltrd, ug/L (39381)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalf-fluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Desulf-inyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)
OCT 02...	<.006	<.018	<.003	.005	.010	<.005	<.02	<.002	<.009	<.005	E.006	.008	.007
DEC 16...	<.006	<.018	<.003	<.012	.007	<.009	<.02	<.004	<.009	<.005	<.029	E.006t	<.024
FEB 18...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	E.005t	<.024
MAR 29...	<.006	<.018	<.003	E.005t	.009	<.009	<.02	<.004	<.009	<.005	E.005t	E.008n	E.008t
APR 29...	<.006	<.018	<.003	E.005t	.005	<.009	<.02	<.004	<.009	<.005	E.007t	E.009n	E.008t
MAY 24...	<.006	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	E.005t
JUN 15...	.009	<.018	<.003	E.004t	<.005	<.009	<.02	<.004	<.009	<.005	E.004t	E.006n	E.006t
AUG 10...	<.006	<.018	<.003	E.004t	<.005	<.009	<.02	<.004	<.009	<.005	E.003t	E.007n	E.006t

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

Date	Fipronil, water, fltrd, ug/L (62166)	Fonofos, water, fltrd, ug/L (04095)	Lindane, water, fltrd, ug/L (39341)	Linuron, water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)
OCT 02...	E.005	<.003	<.004	<.035	E.008t	<.006	.015	.006	.003	<.007	<.003	<.010	<.004
DEC 16...	<.016	<.003	<.004	<.035	<.027	<.015	E.012n	<.006	<.004	<.007	<.003	<.010	<.004
FEB 18...	<.016	<.003	<.004	<.035	<.027	<.015	E.012n	<.006	<.003	<.007	<.003	<.010	<.004
MAR 29...	E.006t	<.003	<.004	<.035	<.027	<.015	.030	.018	<.003	<.007	<.003	<.010	<.004
APR 29...	E.011n	<.003	<.004	<.035	E.013t	<.015	.193	<.006	.255	<.007	<.003	<.010	<.004
MAY 24...	<.016	<.003	<.004	<.035	E.018n	<.015	.051	<.006	.141	<.007	<.003	<.010	<.004
JUN 15...	E.006t	<.003	<.004	<.035	.029	<.015	.032	.006	.283	<.007	<.003	<.010	<.004
AUG 10...	<.016	<.003	<.004	<.035	E.012t	<.015	E.011n	<.006	.014	<.007	<.003	<.010	<.004

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

Date	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate, water fltrd 0.7u GF ug/L (82664)	Prometon, water, fltrd, ug/L (04037)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebu-thiuron, water, fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiocarb, water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)
OCT 02...	<.022	<.011	E.01n	<.004	<.010	<.011	<.02	<.005	.04	<.034	<.02	<.005	<.002
DEC 16...	<.022	<.011	Mn	<.004	<.025	<.011	<.02	.027	E.02	<.034	<.02	<.010	<.002
FEB 18...	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	E.02n	<.034	<.02	<.010	<.002
MAR 29...	<.022	<.011	.01	<.004	<.025	<.011	<.02	.012	E.10	<.034	<.02	<.010	<.002
APR 29...	.036	<.011	.01	<.004	<.025	.040	<.02	<.005	.03	<.034	<.02	.063	<.002
MAY 24...	<.022	<.011	<.01	<.004	<.025	<.011	<.02	.011	.02	<.034	<.02	.016	<.002
JUN 15...	<.022	<.011	.01	<.004	<.025	<.011	<.02	<.005	.03	<.034	<.02	.013	<.002
AUG 10...	<.022	<.011	.01	<.004	<.025	<.011	<.02	<.005	.02	<.034	<.02	<.010	<.002

08012150 MERMENTAU RIVER AT MERMENTAU, LA—Continued

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

Date	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT 02...	<.009	46	75
DEC 16...	<.009	101	799
FEB 18...	<.009	46	--
MAR 29...	<.009	113	680
APR 29...	<.009	204	1,890
MAY 24...	<.009	37	2,960
JUN 15...	<.009	33	62
AUG 10...	<.009	44	--

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

Value qualifier codes used in this table:

c -- See laboratory comment

n -- Below the LRL and above the LT-MDL

o -- Result determined by alternate method

t -- Below the long-term MDL

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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1969 to September 1974 (annual peaks), October 1974 to September 1985 (gage height only), October 1985 to current year.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 7.00 ft below NGVD of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

REMARKS.--No estimated daily discharge. Records fair. Discharge affected by wind and tide at all stages. Reverse flow at times during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive daily discharge, 8,060 ft³/s, Oct. 31, 1985; maximum gage height, 12.72 ft, May 19, 1980; maximum negative daily discharge, -2,390 ft³/s, Aug. 1, 1989; minimum gage height, 7.14 ft, Oct. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 6,100 ft³/s, June 27, maximum gage height, 11.34 ft, May 20; maximum negative discharge, -1,260 ft³/s, July 25; minimum gage height, 7.50 ft, Sept. 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-46	---	43	178	1,530	158	-147	287	158	2,740	-310	-118
2	-197	---	-73	61	1,250	7.1	-50	1,310	162	2,080	-358	-203
3	-165	---	-169	-67	1,080	-210	-106	1,380	92	1,630	-314	-161
4	-139	---	-69	-30	336	-424	-142	878	103	1,040	-317	-223
5	-155	---	66	1,050	919	16	-196	350	29	585	-359	-335
6	-27	---	-168	1,770	2,430	366	-191	-146	49	402	-256	-281
7	247	---	-250	1,680	2,810	178	162	-249	92	386	-195	-165
8	-11	---	-257	1,140	2,170	19	224	-239	-222	393	-270	-147
9	-54	---	-125	1,440	1,600	7.2	46	-221	-87	718	-286	-197
10	---	---	95	1,300	1,290	-235	0.21	-341	161	850	-188	-218
11	---	---	-170	892	1,830	-132	-11	-446	-26	746	-158	-207
12	---	---	-251	548	4,100	-100	51	388	-68	552	-28	-173
13	---	---	247	319	5,010	-216	-165	1,660	-215	439	34	-217
14	---	---	582	169	4,820	-7.4	-259	3,200	305	273	44	-284
15	---	-180	98	-4.1	4,310	466	-229	3,980	186	146	-3.8	-195
16	-4.9	-160	293	-164	3,430	394	-203	3,940	269	120	-46	-184
17	---	-321	-15	394	2,830	123	-161	3,730	800	168	-103	-203
18	---	319	-117	1,320	2,260	134	-162	3,870	928	77	-126	-200
19	---	867	-168	1,370	1,440	19	-138	4,280	702	-102	-232	-172
20	---	71	-187	971	1,290	53	-107	4,120	327	-97	-287	-242
21	---	-130	-231	680	1,020	69	-224	3,340	-37	-173	-181	-247
22	---	-199	-222	404	276	-146	-219	2,410	-47	77	-213	-215
23	---	49	-32	109	325	-379	-250	1,560	730	132	-192	-78
24	---	107	-143	-176	840	-292	-55	805	1,470	-74	-226	-202
25	---	-232	-211	53	883	-277	406	468	3,150	-105	-269	-178
26	---	-320	-217	385	527	-58	931	303	4,660	-78	-264	-121
27	---	14	-200	495	-212	-149	952	145	5,020	-193	-266	-104
28	---	849	-185	-58	-338	-26	344	226	4,690	-220	-259	-147
29	-27	409	312	-173	-399	49	49	-113	4,160	-348	-215	-130
30	-84	83	538	684	---	-40	-134	-347	3,460	-325	-217	-156
31	---	---	606	1,600	---	-90	---	132	---	-321	-129	---
TOTAL	---	---	-580	18,339.9	49,657	-723.1	16.21	40,660	31,001	11,518	-6,189.8	-5,703

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.79	8.68	8.98	8.69	9.28	9.50	8.48	8.92	9.95	10.87	8.57	7.79
2	8.74	8.71	8.88	8.67	9.36	9.40	8.40	8.94	9.85	10.79	8.60	7.82
3	8.78	---	8.89	8.72	9.33	9.42	8.38	8.98	9.78	10.70	8.58	7.82
4	8.77	---	8.80	8.78	9.44	9.51	8.30	9.01	9.68	10.58	8.60	7.85
5	8.77	---	8.60	8.73	9.68	9.49	8.34	8.97	9.61	10.47	8.50	7.84
6	8.79	---	8.48	8.72	9.76	9.26	8.46	8.97	9.61	10.38	8.34	7.75
7	8.80	---	8.62	8.84	9.83	9.08	8.59	8.97	9.58	10.30	8.27	7.69
8	8.80	---	8.72	9.02	9.86	8.88	8.47	8.97	9.61	10.26	8.36	7.69
9	8.88	---	8.71	8.99	9.85	8.70	8.47	8.93	9.57	10.29	8.30	7.72
10	9.16	---	8.30	8.91	9.71	8.68	8.51	8.95	9.46	10.23	8.24	7.77
11	9.28	---	8.33	8.92	9.93	8.65	8.37	9.01	9.38	10.14	8.22	7.74
12	9.31	---	8.46	8.87	10.31	8.53	8.21	9.40	9.30	10.00	7.99	7.76
13	9.27	---	8.58	8.79	10.61	8.53	8.06	9.78	9.25	9.83	7.97	7.84
14	9.17	8.35	8.59	8.70	10.71	8.64	8.18	10.19	9.24	9.70	7.95	7.88
15	9.10	8.39	8.79	8.65	10.63	8.81	8.31	10.55	9.18	9.60	7.98	7.72
16	9.14	8.37	8.58	8.72	10.60	8.76	8.33	10.76	9.30	9.49	8.00	7.59
17	9.07	8.47	8.44	8.89	10.49	8.80	8.34	10.95	9.38	9.34	7.98	7.69
18	8.90	8.66	8.39	8.98	10.38	8.82	8.42	11.11	9.32	9.19	8.01	7.71
19	8.88	8.35	8.28	8.93	10.33	8.80	8.40	11.24	9.21	9.11	8.08	7.67
20	8.87	8.45	8.33	8.94	10.20	8.77	8.41	11.31	9.13	9.06	8.09	7.74
21	8.83	8.51	8.44	8.86	10.0	8.60	8.44	11.21	9.11	9.01	7.97	7.79
22	8.75	8.60	8.53	8.79	9.94	8.50	8.52	11.08	9.14	8.95	7.99	7.74
23	8.71	8.62	8.34	8.77	9.93	8.65	8.59	10.95	9.24	8.82	8.02	7.72
24	---	8.31	8.24	8.86	9.81	8.77	8.59	10.80	9.54	8.72	8.04	8.03
25	---	8.57	8.33	8.99	9.63	8.83	8.54	10.66	10.04	8.68	8.00	7.89
26	---	8.71	8.40	8.87	9.41	8.80	8.59	10.5	10.56	8.60	7.99	7.81
27	---	8.87	8.48	8.49	9.47	8.84	8.61	10.37	10.87	8.54	7.95	7.75
28	8.55	8.83	8.44	8.60	9.49	8.81	8.72	10.24	10.94	8.57	7.90	7.76
29	8.60	8.98	8.44	8.72	9.59	8.57	8.79	10.17	10.94	8.58	7.86	7.76
30	8.66	9.06	8.56	8.99	---	8.51	8.80	10.21	10.93	8.57	7.87	7.81
31	8.70	---	8.61	9.18	---	8.38	---	10.11	---	8.54	7.82	---
MAX	---	---	8.98	9.18	10.71	9.51	8.80	11.31	10.94	10.87	8.60	8.03
MIN	---	---	8.24	8.49	9.28	8.38	8.06	8.92	9.11	8.54	7.82	7.59

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1998 to September 2004 (discontinued).

INSTRUMENTATION.--Water-quality monitor recording specific conductance and temperature.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2000 to September 2004 (discontinued).

WATER TEMPERATURE: June 2000 to September 2004 (discontinued).

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except Oct. 1-21, Dec. 2-10, Feb. 29-March 25, April 24-May 20, and Aug. 2-9 when records good, March 26-April 6 when records fair.

WATER TEMPERATURE: Records rated good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,480 microsiemens/cm, Nov. 6, 2000; minimum, 44 microsiemens/cm, Feb. 15, 2004.

WATER TEMPERATURE: Maximum, 34.7° C, July 19, 2001; minimum, 5.9° C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 341 microsiemens/cm, Apr. 27; minimum, 44 microsiemens/cm, Feb. 15.

WATER TEMPERATURE: Maximum, 30.7° C, Aug. 27; minimum, 9.0° C, Jan. 12.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	197	192	194	---	---	---	147	145	146	111	110	110
2	194	188	191	144	143	143	145	144	145	113	111	112
3	198	189	194	---	---	---	145	144	145	114	113	114
4	197	192	194	---	---	---	146	144	145	115	113	114
5	197	192	193	---	---	---	149	145	147	124	103	119
6	197	190	193	---	---	---	149	148	149	103	82	86
7	190	178	183	---	---	---	150	149	149	84	82	83
8	179	171	175	---	---	---	151	149	150	83	80	81
9	178	174	176	---	---	---	151	148	150	92	83	88
10	177	153	164	---	---	---	151	149	150	96	92	95
11	153	137	147	---	---	---	150	149	150	97	95	96
12	137	121	125	---	---	---	150	150	150	100	97	98
13	123	121	122	---	---	---	150	148	149	104	99	101
14	129	123	126	145	144	145	153	149	151	107	104	105
15	146	129	137	145	144	144	164	152	158	110	107	108
16	146	134	140	147	145	145	165	137	154	113	109	112
17	148	134	140	146	142	144	137	133	134	116	108	111
18	152	135	140	145	140	142	133	132	132	117	107	114
19	154	139	149	167	144	154	133	133	133	107	88	94
20	155	143	148	175	166	169	134	133	133	90	88	88
21	152	141	145	180	174	176	135	133	134	94	90	92
22	145	141	143	188	169	179	136	134	134	100	94	97
23	146	142	144	182	167	174	135	134	135	111	99	104
24	---	---	---	193	182	190	136	134	135	122	105	116
25	---	---	---	192	191	192	137	136	136	105	99	102
26	---	---	---	191	185	188	138	136	137	107	103	105
27	---	---	---	187	181	184	139	137	138	129	106	119
28	---	---	---	187	155	172	140	138	139	143	129	137
29	145	144	144	157	151	154	142	138	140	150	143	145
30	145	143	144	156	147	151	159	141	150	152	124	134
31	---	---	---	---	---	---	158	111	128	125	78	94
MONTH	---	---	---	---	---	---	165	111	143	152	78	106

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	78	72	74	77	73	75	148	143	145	196	189	191
2	72	70	71	79	77	78	152	146	148	213	171	199
3	77	72	75	80	77	79	156	149	152	171	137	150
4	84	77	81	79	76	77	162	148	156	137	135	135
5	84	81	82	78	77	77	160	150	156	141	135	137
6	83	67	76	83	78	81	161	138	152	147	141	143
7	67	61	64	87	83	85	175	136	157	150	143	146
8	62	60	61	89	85	88	200	175	190	151	144	146
9	64	61	62	94	89	91	222	200	211	147	144	145
10	68	63	65	94	92	93	255	221	238	149	143	145
11	69	67	68	94	92	93	267	225	252	150	144	147
12	72	57	66	94	93	93	292	260	272	146	143	144
13	57	48	52	95	92	94	306	289	295	144	90	120
14	48	45	46	98	93	94	299	276	290	90	76	82
15	46	44	45	95	90	93	296	268	277	79	76	78
16	49	45	47	96	86	89	296	246	275	81	77	79
17	50	46	49	107	96	101	276	223	258	83	79	81
18	50	47	49	115	107	112	266	207	234	86	82	84
19	52	50	51	120	115	118	235	209	220	84	74	79
20	55	52	54	119	116	117	260	199	217	85	76	80
21	59	55	57	128	116	120	215	197	204	92	82	87
22	61	59	60	139	128	136	201	189	197	94	87	91
23	63	61	61	140	115	129	194	182	187	100	92	96
24	67	63	65	123	110	116	197	176	184	104	98	102
25	71	67	68	114	107	110	233	191	217	109	104	107
26	74	71	73	114	107	112	337	233	273	115	108	112
27	75	74	74	119	110	113	341	188	258	123	110	114
28	75	75	75	126	111	118	188	182	184	117	109	114
29	75	73	74	137	125	132	189	183	185	120	108	114
30	---	---	---	142	135	139	194	189	191	110	106	108
31	---	---	---	147	142	146	---	---	---	110	106	108
MONTH	84	44	64	147	73	103	341	136	212	213	74	118
JUNE			JULY			AUGUST			SEPTEMBER			
1	115	110	113	91	85	88	134	119	130	100	97	98
2	118	113	115	97	91	94	138	122	131	102	97	99
3	119	113	116	104	97	101	137	128	134	109	99	103
4	121	113	118	108	103	106	139	125	131	110	105	107
5	129	120	124	110	108	109	139	115	130	110	106	108
6	129	117	123	112	109	110	142	129	139	114	106	109
7	130	124	128	113	110	112	139	115	130	114	107	111
8	132	113	122	120	111	113	125	117	120	112	108	110
9	146	113	119	118	115	116	121	115	118	112	106	110
10	128	117	123	118	108	113	121	114	117	112	107	110
11	132	119	127	108	103	105	119	112	114	112	108	111
12	135	121	128	103	101	102	116	112	114	114	107	112
13	148	118	132	102	101	101	115	112	113	113	107	111
14	127	122	125	107	101	103	112	108	110	113	109	111
15	126	122	124	133	102	112	108	100	105	111	108	110
16	147	125	132	127	105	116	102	96	99	111	109	110
17	149	140	145	121	104	111	97	92	95	111	108	110
18	145	138	142	124	105	112	94	90	92	111	109	110
19	140	130	132	126	108	115	94	90	92	113	108	111
20	133	130	131	121	108	114	94	89	92	113	110	111
21	141	133	134	122	108	116	91	89	90	113	110	111
22	137	134	135	118	110	113	94	89	91	115	111	113
23	137	128	132	113	108	110	96	90	92	117	110	112
24	131	123	126	124	112	116	98	90	92	113	111	112
25	123	86	104	119	113	117	99	91	94	115	111	113
26	86	72	77	122	113	116	101	92	95	115	111	113
27	72	69	70	122	115	118	96	92	94	116	111	114
28	74	69	71	124	116	118	98	94	96	116	114	115
29	80	74	77	130	117	122	101	95	97	119	114	117
30	85	78	82	132	122	127	102	96	97	123	117	120
31	---	---	---	135	122	129	100	97	98	---	---	---
MONTH	149	69	118	135	85	111	142	89	108	123	97	110

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.8	23.1	---	---	---	13.6	13.2	13.4	11.8	11.5	11.6
2	23.0	22.3	22.6	22.2	21.5	21.8	13.3	13.0	13.1	12.3	11.8	12.0
3	22.5	21.9	22.0	---	---	---	13.3	13.1	13.1	13.6	12.2	12.5
4	22.0	21.9	21.9	---	---	---	13.5	13.2	13.4	15.4	12.6	14.0
5	22.2	21.9	22.1	---	---	---	13.7	13.1	13.4	16.1	13.9	15.0
6	22.6	22.1	22.2	---	---	---	13.1	12.3	12.6	16.1	12.4	14.2
7	22.8	22.6	22.6	---	---	---	12.4	11.9	12.0	12.4	9.9	11.0
8	22.6	22.6	22.6	---	---	---	12.6	12.0	12.3	9.9	9.3	9.5
9	22.7	22.6	22.6	---	---	---	13.9	12.5	13.0	9.9	9.3	9.6
10	22.9	22.6	22.7	---	---	---	13.5	12.6	12.9	9.8	9.4	9.6
11	23.1	22.6	22.8	---	---	---	12.6	12.0	12.1	9.8	9.2	9.4
12	23.4	22.8	23.0	---	---	---	12.1	11.9	12.0	9.7	9.0	9.3
13	23.6	23.2	23.4	---	---	---	12.1	11.8	12.0	10.3	9.6	9.9
14	23.9	23.3	23.5	20.0	19.8	20.0	11.8	11.2	11.4	10.7	10.2	10.4
15	23.4	22.8	22.9	20.0	19.6	19.7	11.7	11.0	11.3	11.3	10.7	11.0
16	22.9	22.4	22.6	20.5	19.8	20.1	11.9	11.5	11.7	12.1	11.3	11.5
17	22.8	22.5	22.7	21.6	20.1	20.8	11.5	10.9	11.1	13.3	11.7	12.5
18	22.8	22.0	22.2	21.5	20.3	21.1	11.5	10.8	11.0	15.1	13.3	14.3
19	22.0	21.6	21.7	20.3	18.8	19.5	11.4	10.6	11.0	15.1	13.7	14.6
20	21.6	21.5	21.6	18.8	18.2	18.3	11.1	10.6	10.7	13.7	11.8	12.8
21	21.6	21.5	21.6	18.3	18.1	18.2	10.6	10.5	10.5	11.8	10.9	11.3
22	21.6	21.5	21.5	19.3	18.1	18.5	11.6	10.5	11.1	11.0	10.5	10.8
23	21.6	21.4	21.5	19.8	18.8	19.2	12.2	11.3	11.9	11.1	10.7	10.8
24	---	---	---	18.8	16.9	17.7	11.7	11.2	11.3	12.2	11.0	11.4
25	---	---	---	16.9	16.1	16.3	11.4	11.2	11.2	12.9	12.2	12.6
26	---	---	---	16.8	16.2	16.3	11.3	11.2	11.2	13.4	12.6	12.9
27	---	---	---	17.2	16.4	16.9	12.5	11.2	11.8	13.3	12.7	13.1
28	20.0	19.7	19.9	16.8	14.9	15.9	13.3	12.1	12.5	12.7	12.2	12.3
29	20.5	19.8	20.0	14.9	14.2	14.6	13.7	12.2	12.8	12.2	11.9	12.0
30	20.9	19.9	20.2	14.2	13.6	13.7	12.6	11.8	12.2	12.5	11.7	12.3
31	---	---	---	---	---	---	12.1	11.4	11.7	11.7	10.8	11.2
MONTH	---	---	---	---	---	---	13.9	10.5	12.0	16.1	9.0	11.8
FEBRUARY			MARCH			APRIL			MAY			
1	10.8	10.5	10.7	14.2	13.8	14.0	20.6	20.1	20.3	23.0	22.0	22.5
2	11.6	10.8	11.2	14.2	14.0	14.1	20.2	20.0	20.1	22.0	20.7	21.6
3	11.5	11.0	11.3	16.6	14.0	14.7	20.4	20.0	20.1	20.7	20.0	20.2
4	11.0	10.6	10.8	18.5	16.3	17.7	20.5	20.0	20.2	21.2	19.9	20.4
5	12.4	10.8	11.5	19.0	18.0	18.5	20.5	20.1	20.3	20.8	20.4	20.6
6	13.7	12.4	13.1	18.9	18.2	18.4	21.2	20.1	20.5	21.3	20.8	21.0
7	13.4	12.5	12.9	18.2	18.0	18.1	21.2	20.5	20.6	21.6	21.1	21.2
8	12.5	11.3	11.8	18.3	17.9	18.0	20.9	20.6	20.7	22.8	21.1	21.4
9	11.7	10.9	11.3	18.3	17.7	18.0	21.0	20.9	20.9	23.5	21.5	22.0
10	12.2	11.7	12.0	18.1	17.4	17.6	21.2	20.8	20.9	25.7	21.9	23.6
11	12.2	12.0	12.1	17.6	17.4	17.4	22.4	21.0	21.6	26.5	24.7	25.6
12	12.1	11.6	11.9	17.6	17.4	17.4	21.6	20.5	21.1	25.7	23.9	25.0
13	11.6	10.7	11.2	18.2	17.4	17.6	20.6	19.6	20.1	23.9	23.1	23.4
14	10.7	9.8	10.3	18.1	17.7	17.9	20.1	19.2	19.6	23.4	23.1	23.2
15	10.0	9.3	9.6	17.7	17.4	17.5	20.2	19.2	19.4	23.4	22.8	23.1
16	10.1	9.3	9.7	18.6	17.6	18.0	21.0	19.8	20.1	23.3	23.0	23.2
17	10.6	9.7	10.1	18.9	18.5	18.6	22.1	20.4	20.9	23.4	23.1	23.3
18	11.2	10.4	10.8	19.3	18.8	19.0	22.5	21.2	21.7	24.0	23.4	23.6
19	12.0	11.0	11.4	19.4	19.2	19.2	22.5	21.9	22.2	23.9	23.2	23.6
20	13.4	12.0	12.7	19.4	19.2	19.4	23.1	22.0	22.6	24.6	23.6	24.1
21	14.2	13.4	13.7	20.5	19.3	19.9	23.4	22.5	22.9	25.0	24.3	24.6
22	14.3	13.8	14.0	20.4	19.6	19.8	24.2	23.0	23.3	25.4	24.7	25.0
23	14.7	14.2	14.5	20.2	19.1	19.5	24.7	23.8	24.1	25.8	24.9	25.3
24	14.9	14.7	14.8	20.0	19.4	19.7	24.7	23.8	24.4	25.8	25.3	25.5
25	14.9	14.2	14.7	20.7	19.6	20.1	23.8	22.5	23.0	25.8	25.6	25.7
26	14.2	13.4	13.6	20.7	20.2	20.3	22.6	22.0	22.3	25.9	25.7	25.7
27	13.4	12.9	13.0	21.3	20.2	20.7	22.5	22.0	22.2	25.8	25.6	25.7
28	13.3	12.7	12.8	21.4	20.7	21.1	22.0	21.4	21.6	26.2	25.6	25.7
29	14.0	13.2	13.6	21.1	20.8	20.9	22.2	21.7	21.9	27.5	25.6	26.0
30	---	---	---	20.8	20.3	20.4	23.2	22.2	22.4	28.3	27.2	27.5
31	---	---	---	20.6	20.2	20.4	---	---	---	28.1	27.1	27.5
MONTH	14.9	9.3	12.1	21.4	13.8	18.5	24.7	19.2	21.4	28.3	19.9	23.8

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.1	26.8	27.0	26.7	26.1	26.4	29.6	28.3	28.6	28.7	28.2	28.4
2	27.0	26.7	26.8	27.3	26.5	26.9	29.2	28.4	28.8	28.4	28.2	28.3
3	27.0	26.6	26.7	27.8	27.0	27.3	28.8	28.6	28.7	28.5	28.3	28.4
4	26.6	26.4	26.5	28.1	27.4	27.7	29.3	28.6	29.0	28.4	28.0	28.1
5	26.5	26.4	26.4	28.0	27.7	27.8	30.4	28.6	29.2	28.1	27.8	27.9
6	26.6	26.3	26.4	28.0	27.6	27.7	29.3	28.4	28.7	28.1	27.9	27.9
7	26.4	26.2	26.3	27.9	27.6	27.7	29.1	28.6	28.9	28.9	27.9	28.3
8	28.6	26.3	27.2	27.8	27.3	27.6	29.1	28.6	28.9	28.5	28.0	28.2
9	28.8	27.4	28.0	27.3	26.8	27.0	29.0	28.7	28.8	28.1	27.5	27.7
10	28.1	27.1	27.5	26.8	26.2	26.4	29.1	28.7	28.8	27.8	27.6	27.7
11	28.5	27.1	27.6	26.7	26.0	26.3	29.4	29.0	29.1	27.9	27.7	27.8
12	28.4	27.1	27.8	27.1	26.3	26.7	29.4	28.9	29.2	28.1	27.8	27.9
13	29.2	27.0	27.8	27.5	26.8	27.1	28.9	28.0	28.3	28.2	27.6	27.9
14	29.1	27.3	27.9	27.8	27.3	27.5	28.1	27.2	27.6	28.7	27.8	28.1
15	27.4	26.6	26.8	28.0	27.8	27.9	27.6	26.7	27.0	28.6	28.1	28.3
16	27.1	26.6	26.7	28.4	28.0	28.2	27.2	26.4	26.6	28.5	28.0	28.2
17	27.0	26.4	26.6	28.7	28.4	28.6	26.5	26.4	26.5	28.5	28.2	28.4
18	27.5	26.4	26.9	28.9	28.6	28.8	26.7	26.4	26.5	28.6	28.3	28.4
19	28.0	27.3	27.6	28.8	28.6	28.7	28.9	26.3	27.1	28.7	28.4	28.5
20	27.9	27.5	27.6	28.6	28.4	28.5	29.8	27.8	28.7	28.4	27.7	27.9
21	27.8	27.6	27.7	28.5	28.3	28.4	29.6	28.7	29.0	28.1	27.7	27.9
22	27.7	27.6	27.6	28.5	28.3	28.3	29.1	28.7	28.9	27.9	27.2	27.5
23	27.7	26.9	27.3	28.4	28.1	28.2	29.4	28.9	29.2	27.6	26.9	27.2
24	27.0	25.9	26.5	28.2	28.1	28.2	30.1	29.1	29.4	26.9	26.5	26.7
25	25.9	24.4	25.1	28.6	28.2	28.3	30.3	29.4	29.7	26.7	26.4	26.5
26	24.4	23.9	24.1	28.8	28.3	28.5	30.5	29.6	30.1	26.5	26.2	26.3
27	24.6	23.8	24.2	28.4	28.2	28.3	30.7	29.8	30.3	26.3	25.8	26.0
28	24.9	24.4	24.6	28.3	28.1	28.1	30.4	29.9	30.1	26.0	25.7	25.7
29	25.6	24.8	25.2	28.4	28.1	28.2	30.2	29.5	29.9	25.7	25.1	25.3
30	26.2	25.5	25.8	28.7	28.2	28.3	29.9	29.1	29.4	25.2	24.9	25.1
31	---	---	---	28.8	28.2	28.4	29.2	28.4	28.7	---	---	---
MONTH	29.2	23.8	26.7	28.9	26.0	27.8	30.7	26.3	28.7	28.9	24.9	27.6

08013000 CALCASIEU RIVER NEAR GLENMORA, LA

LOCATION.--Lat 30° 59'45", long 92° 40'25", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 NGVD of 1929. Prior to Nov. 19, 1949, nonrecording gage at same site and datum.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Jan 31	0915	4,060	14.30	May 15	0315	*22,600	*18.70
Feb 15	0215	8,040	15.88				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	25	620	778	3,850	2,830	350	523	166	2,880	219	63
2	32	25	636	803	3,690	2,500	432	955	188	2,730	221	68
3	31	25	582	802	3,360	2,110	414	1,140	222	2,560	206	72
4	30	e25	447	779	3,360	1,530	346	1,390	214	2,530	197	68
5	29	24	275	669	3,330	1,040	255	e1,770	243	2,330	212	61
6	29	24	159	525	2,920	802	196	e2,760	246	2,200	170	57
7	29	24	116	341	2,490	644	166	3,250	e205	2,020	125	66
8	29	24	97	228	2,250	532	151	2,860	175	1,500	105	65
9	29	24	88	216	2,740	467	140	2,120	158	799	93	58
10	31	24	86	242	4,060	413	135	897	142	505	86	58
11	31	24	86	286	4,180	359	139	314	129	446	81	54
12	31	24	85	300	5,240	301	158	5,740	121	349	78	49
13	33	24	98	291	5,750	256	300	15,900	115	366	74	45
14	37	23	192	259	7,260	230	541	19,900	123	389	71	41
15	34	23	310	223	7,360	241	745	20,500	114	302	78	39
16	32	27	376	187	5,160	281	988	11,700	119	215	83	35
17	30	38	414	179	3,940	370	1,250	6,890	163	169	74	33
18	29	113	406	558	3,200	477	1,380	5,390	297	176	68	31
19	29	198	335	980	2,660	553	993	6,000	297	202	65	30
20	28	e256	259	1,050	2,280	603	453	5,100	310	153	63	28
21	28	245	186	1,160	1,910	594	241	4,000	252	133	62	27
22	28	242	142	1,230	1,420	471	181	3,450	210	119	64	26
23	27	e233	138	1,190	949	323	154	3,060	268	110	65	28
24	26	e214	175	976	739	273	144	2,550	576	104	91	37
25	26	e192	187	1,110	797	254	170	1,720	1,220	102	87	43
26	26	e170	196	1,620	1,070	226	229	796	1,220	113	79	68
27	25	357	202	1,600	1,390	202	330	366	1,370	115	77	123
28	25	731	184	1,700	2,300	184	446	254	1,910	209	71	125
29	e25	618	324	2,030	3,080	177	489	214	2,700	384	68	92
30	25	603	e751	e3,390	---	195	460	189	2,620	439	64	71
31	25	---	e769	3,970	---	237	---	174	---	327	59	---
TOTAL	902	4,599	8,921	29,672	92,735	19,675	12,376	131,872	16,093	24,976	3,156	1,661
MEAN	29.1	153	288	957	3,198	635	413	4,254	536	806	102	55.4
MAX	37	731	769	3,970	7,360	2,830	1,380	20,500	2,700	2,880	221	125
MIN	25	23	85	179	739	177	135	174	114	102	59	26
AC-FT	1,790	9,120	17,690	58,850	183,900	39,030	24,550	261,600	31,920	49,540	6,260	3,290
CFSM	0.06	0.31	0.58	1.92	6.41	1.27	0.83	8.52	1.08	1.61	0.20	0.11
IN.	0.07	0.34	0.67	2.21	6.91	1.47	0.92	9.83	1.20	1.86	0.24	0.12

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

MEAN	250	564	1,134	1,527	1,591	1,330	1,105	988	396	263	141	186
MAX	2,460	4,048	6,770	4,612	4,901	4,293	3,938	10,500	3,865	4,535	1,978	1,595
(WY)	(1986)	(2003)	(1983)	(1947)	(1966)	(1995)	(1995)	(1953)	(1989)	(1989)	(1955)	(1958)
MIN	16.5	24.1	29.4	37.1	35.4	103	91.9	45.3	30.3	24.8	19.9	17.0
(WY)	(1957)	(2000)	(1955)	(2000)	(2000)	(1954)	(1981)	(1963)	(1998)	(1954)	(2000)	(1954)

08013000 CALCASIEU RIVER NEAR GLENMORA, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1944 - 2004	
ANNUAL TOTAL	147,978		346,638			
ANNUAL MEAN	405		947		786	
HIGHEST ANNUAL MEAN					1,659	1989
LOWEST ANNUAL MEAN					163	2000
HIGHEST DAILY MEAN	7,100	Feb 25	20,500	May 15	55,900	May 19, 1953
LOWEST DAILY MEAN	23	Nov 14	c23	Nov 14	15	Oct 7, 1954
ANNUAL SEVEN-DAY MINIMUM	24	Nov 9	24	Nov 9	15	Aug 31, 2000
MAXIMUM PEAK FLOW			22,600	May 15	59,500	May 19, 1953
MAXIMUM PEAK STAGE			18.70	May 15	21.55	May 19, 1953
INSTANTANEOUS LOW FLOW			a23	Nov 13	d15	Sep 27, 1954
INSTANTANEOUS LOW STAGE			b4.52	Nov 14	*	
ANNUAL RUNOFF (AC-FT)	293,500		687,600		569,400	
ANNUAL RUNOFF (CFSM)	0.812		1.90		1.58	
ANNUAL RUNOFF (INCHES)	11.03		25.84		21.40	
10 PERCENT EXCEEDS	824		2,730		2,120	
50 PERCENT EXCEEDS	95		227		167	
90 PERCENT EXCEEDS	30		29		31	

a Also occurred November 14, 15, and 16

b Also occurred November 15 and 16

c Also occurred November 15

d Also occurred Sep 28, 1954, and several days Sep-Nov, 2000

e Estimated

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.77	4.56	10.79	11.27	14.18	13.54	8.97	9.98	6.78	13.58	7.54	5.28
2	4.74	4.56	10.85	11.34	14.09	13.30	9.60	11.51	7.09	13.47	7.57	5.39
3	4.72	4.57	10.64	11.33	13.89	12.97	9.48	11.87	7.55	13.34	7.38	5.49
4	4.70	---	10.01	11.27	13.89	12.41	8.94	12.24	7.45	13.32	7.27	5.41
5	4.68	4.56	8.66	10.95	13.88	11.67	7.97	---	7.82	13.16	7.48	5.29
6	4.68	4.55	7.19	10.40	13.60	11.14	7.21	---	7.87	13.05	6.90	5.21
7	4.67	4.55	6.50	9.29	13.28	10.63	6.79	13.82	---	12.89	6.22	5.41
8	4.66	4.54	6.18	8.14	13.09	10.15	6.55	13.56	6.91	12.37	5.87	5.40
9	4.67	4.54	6.00	7.99	13.46	9.81	6.38	12.97	6.65	11.07	5.68	5.25
10	4.72	4.54	5.95	8.33	14.29	9.47	6.30	11.19	6.41	10.02	5.55	5.28
11	4.71	4.54	5.96	8.82	14.36	9.06	6.37	8.60	6.21	9.68	5.47	5.20
12	4.73	4.54	5.93	8.97	14.86	8.52	6.65	13.51	6.07	8.98	5.40	5.11
13	4.76	4.54	6.18	8.88	15.08	8.00	8.41	17.69	5.97	9.12	5.33	5.05
14	4.86	4.52	7.63	8.54	15.62	7.66	10.18	18.31	6.11	9.30	5.28	5.00
15	4.81	4.52	9.05	8.08	15.66	7.80	10.96	18.41	5.96	8.52	5.44	4.97
16	4.74	4.62	9.58	7.60	14.82	8.30	11.58	16.80	6.04	7.45	5.55	4.92
17	4.70	4.89	9.84	7.48	14.23	9.14	12.06	15.50	6.70	6.83	5.37	4.89
18	4.68	6.45	9.78	10.31	13.79	9.86	12.23	14.93	8.48	6.92	5.26	4.86
19	4.67	7.72	9.27	11.70	13.41	10.25	11.55	15.17	8.48	7.29	5.20	4.84
20	4.66	---	8.52	11.83	13.11	10.48	9.62	14.79	8.62	6.58	5.17	4.82
21	4.64	8.37	7.59	12.02	12.80	10.43	7.79	14.26	7.94	6.27	5.17	4.80
22	4.63	8.33	6.93	12.10	12.28	9.81	7.00	13.95	7.40	6.04	5.20	4.79
23	4.62	---	6.88	12.04	11.49	8.73	6.60	13.70	8.15	5.88	5.24	4.83
24	4.60	---	7.43	11.66	10.95	8.21	6.45	13.33	9.87	5.78	5.77	5.01
25	4.60	---	7.61	11.87	11.12	7.98	6.84	12.59	12.01	5.74	5.71	5.11
26	4.59	---	7.72	12.56	11.74	7.60	7.65	11.03	12.01	5.94	5.56	5.60
27	4.58	9.21	7.81	12.54	12.24	7.29	8.78	9.07	12.22	5.97	5.52	6.62
28	4.58	11.13	7.56	12.63	13.12	7.04	9.68	7.96	12.78	7.33	5.42	6.66
29	4.57	10.78	8.90	12.91	13.72	6.93	9.94	7.44	13.45	9.24	5.35	6.07
30	4.56	10.73	---	---	---	7.19	9.77	7.11	13.39	9.64	5.28	5.66
31	4.56	---	---	14.25	---	7.74	---	6.90	---	8.76	5.20	---
MAX	4.86	11.13	---	14.25	15.66	13.54	12.23	18.41	13.45	13.58	7.57	6.66
MIN	4.56	4.53	5.93	7.48	10.95	6.93	6.30	6.90	5.96	5.74	5.17	4.79

08013500 CALCASIEU RIVER NEAR OBERLIN, LA

LOCATION.--Lat 30° 38'25", long 92° 48'50", in NW 1/4 NE 1/4 sec. 7, T. 5 S., R. 4 W., Allen Parish, Hydrologic Unit 08080203, near left bank on downstream side of bridge on State Highway 26, 3.0 mi northwest of Oberlin, and 15 mi southeast of 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 NGVD of 1929. Prior to February 1925 at datum about 2.5 ft higher. September 1938 to Aug. 7, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good except for period of missing record which are poor. Prior to November 1981 paper mill at Elizabeth pumped about 11 ft³/s of water from wells which was later discharged into Mill Creek 20 mi upstream from station. Some small diversions from April to September for rice irrigation upstream from station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 17	0330	12,000	17.75	May 19	1200	13,400	17.79
May 16	1730	*28,800	*20.87	May 22	1800	8,650	15.91

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	39	720	1,140	5,980	1,830	269	713	352	3,280	385	e94
2	55	38	644	1,070	7,270	2,630	269	1,290	302	4,260	381	e92
3	54	37	610	897	6,770	3,640	290	1,650	278	4,600	282	e90
4	52	37	602	831	5,590	3,870	372	1,880	278	5,230	230	e88
5	50	37	592	812	5,340	3,440	412	1,900	293	4,780	218	e83
6	49	36	546	795	6,210	2,790	390	1,480	350	3,820	208	e80
7	48	36	443	751	5,990	2,100	327	1,410	315	3,150	206	e78
8	47	36	318	684	5,220	1,550	262	1,600	316	2,660	191	75
9	48	36	239	663	4,340	1,200	223	2,110	292	2,470	158	73
10	53	35	199	635	3,780	962	197	2,630	262	2,200	131	75
11	52	35	178	550	4,860	797	185	2,680	238	1,670	115	73
12	50	34	165	466	8,800	687	187	3,010	217	1,110	107	70
13	47	34	420	419	11,400	589	180	5,900	206	795	103	70
14	46	34	764	404	11,500	504	184	11,900	629	626	e100	67
15	46	34	448	387	11,000	553	228	25,000	658	525	e98	64
16	46	34	328	358	11,400	569	373	28,300	766	507	e95	63
17	47	35	338	437	11,600	490	556	26,600	1,780	450	e94	61
18	46	58	380	1,300	9,820	453	731	19,600	1,400	365	e93	59
19	45	191	412	1,560	8,010	469	900	13,600	838	312	e94	57
20	44	246	428	1,360	6,540	544	1,060	10,800	735	256	e95	56
21	43	210	407	1,190	5,220	621	1,120	9,460	581	239	e99	54
22	43	215	352	1,080	4,180	667	877	8,930	482	210	108	53
23	42	227	298	1,040	3,480	687	510	7,180	535	175	107	54
24	41	266	329	1,060	2,940	640	343	5,540	1,490	153	e105	57
25	40	334	294	2,540	2,370	495	309	4,400	4,650	133	e103	57
26	50	302	290	4,260	1,840	377	505	3,630	7,030	135	e102	55
27	64	502	271	4,280	1,510	323	822	2,890	6,770	132	e102	57
28	52	1,090	259	3,560	1,460	288	695	2,010	5,530	126	e101	59
29	47	1,020	368	2,560	1,540	273	519	1,150	3,500	129	e100	77
30	43	811	947	3,050	---	271	518	659	2,490	152	e99	98
31	40	---	1,160	4,490	---	270	---	452	---	266	e97	---
TOTAL	1,487	6,079	13,749	44,629	175,960	34,579	13,813	210,354	43,563	44,916	4,507	2,089
MEAN	48.0	203	444	1,440	6,068	1,115	460	6,786	1,452	1,449	145	69.6
MAX	64	1,090	1,160	4,490	11,600	3,870	1,120	28,300	7,030	5,230	385	98
MIN	40	34	165	358	1,460	270	180	452	206	126	93	53
AC-FT	2,950	12,060	27,270	88,520	349,000	68,590	27,400	417,200	86,410	89,090	8,940	4,140
CFSM	0.06	0.27	0.59	1.91	8.06	1.48	0.61	9.01	1.93	1.92	0.19	0.09
IN.	0.07	0.30	0.68	2.20	8.69	1.71	0.68	10.39	2.15	2.22	0.22	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2004, BY WATER YEAR (WY)

	375	774	1,582	2,034	2,241	1,903	1,609	1,557	655	515	317	312
MAX	4,004	6,825	10,130	6,112	6,889	5,213	7,835	17,090	4,325	9,050	4,792	3,251
(WY)	(1985)	(1958)	(1983)	(1947)	(1966)	(1973)	(1923)	(1953)	(1950)	(1989)	(1940)	(1979)
MIN	22.6	33.5	55.8	54.9	50.1	159	147	80.5	37.9	37.7	29.6	26.2
(WY)	(2001)	(2000)	(1955)	(2000)	(2000)	(2000)	(1981)	(1963)	(1998)	(1998)	(2000)	(2000)

08013500 CALCASIEU RIVER NEAR OBERLIN, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1923 - 2004	
ANNUAL TOTAL	275,685		595,725		1,156	
ANNUAL MEAN	755		1,628		2,409	1983
HIGHEST ANNUAL MEAN					180	2000
LOWEST ANNUAL MEAN					67,600	May 20, 1953
HIGHEST DAILY MEAN	9,710	Feb 28	28,300	May 16	16	Nov 3, 2000
LOWEST DAILY MEAN	34	Nov 12	34	Nov 12	17	Oct 28, 2000
ANNUAL SEVEN-DAY MINIMUM	34	Nov 10	34	Nov 10	72,800	May 19, 1953
MAXIMUM PEAK FLOW			28,800	May 16	26.53	May 19, 1953
MAXIMUM PEAK STAGE			20.87	May 16	18	Sep 6, 2000
INSTANTANEOUS LOW FLOW			33	aNov 13	b1.23	Sep 6, 2000
INSTANTANEOUS LOW STAGE			1.65	aNov 13	837,200	
ANNUAL RUNOFF (AC-FT)	546,800		1,182,000		1.53	
ANNUAL RUNOFF (CFSM)	1.00		2.16		20.85	
ANNUAL RUNOFF (INCHES)	13.62		29.43		3,010	
10 PERCENT EXCEEDS	2,060		4,690		321	
50 PERCENT EXCEEDS	227		383		60	
90 PERCENT EXCEEDS	49		49			

a Also occurred Nov 14, 15, 16, 2003.

b From gage observer reading.

c Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.93	1.72	5.30	6.60	13.99	8.31	3.70	5.25	3.81	10.85	4.11	---
2	1.90	1.71	5.02	6.40	15.04	9.81	3.69	7.00	3.57	12.20	4.09	---
3	1.89	1.69	4.89	5.88	14.66	11.37	3.78	7.91	3.44	12.62	3.68	---
4	1.86	1.69	4.85	5.67	13.64	11.69	4.11	8.42	3.44	13.31	3.44	---
5	1.85	1.69	4.82	5.61	13.41	11.09	4.26	8.45	3.52	12.84	3.38	---
6	1.84	1.69	4.62	5.55	14.20	10.10	4.17	7.50	3.80	11.61	3.29	---
7	1.83	1.68	4.17	5.41	14.00	8.86	3.93	7.31	3.63	10.66	3.28	---
8	1.81	1.68	3.57	5.17	13.30	7.66	3.66	7.80	3.63	9.89	3.20	2.26
9	1.83	1.68	3.13	5.09	12.30	6.77	3.44	8.87	3.51	9.57	3.01	2.24
10	1.87	1.68	2.90	4.99	11.57	6.07	3.28	9.84	3.36	9.06	2.83	2.25
11	1.87	1.67	2.76	4.66	12.84	5.56	3.21	9.92	3.22	7.93	2.71	2.23
12	1.85	1.66	2.67	4.32	16.24	5.18	3.22	10.43	3.11	6.49	2.63	2.21
13	1.82	1.66	3.98	4.11	17.53	4.85	3.18	13.82	3.04	5.55	2.59	2.20
14	1.81	1.66	5.44	4.05	17.57	4.57	3.21	17.03	4.91	4.97	---	2.17
15	1.80	1.65	4.23	3.97	17.35	4.73	3.46	20.24	5.05	4.62	---	2.14
16	1.80	1.66	3.69	3.84	17.51	4.78	4.11	20.79	5.26	4.56	---	2.12
17	1.81	1.67	3.74	4.16	17.60	4.53	4.74	20.52	8.20	4.36	---	2.09
18	1.81	1.93	3.94	7.03	16.87	4.40	5.33	19.33	7.29	4.03	---	2.07
19	1.79	2.96	4.09	7.69	15.79	4.45	5.89	17.83	5.67	3.81	---	2.04
20	1.78	3.29	4.15	7.20	14.55	4.70	6.38	16.84	5.35	3.56	---	2.03
21	1.77	3.10	4.06	6.74	13.29	4.95	6.55	16.29	4.78	3.48	---	2.01
22	1.76	3.13	3.81	6.43	12.09	5.11	5.80	16.04	4.38	3.34	2.62	2.00
23	1.75	3.19	3.55	6.32	11.15	5.18	4.49	14.95	4.59	3.15	2.61	2.01
24	1.74	3.39	3.70	6.36	10.35	5.02	3.77	13.59	7.28	3.02	---	2.04
25	1.73	3.72	3.52	9.44	9.38	4.54	3.60	12.38	12.60	2.90	---	2.04
26	1.85	3.57	3.50	12.20	8.31	4.13	4.45	11.36	14.86	2.91	---	2.02
27	1.99	4.41	3.41	12.23	7.59	3.92	5.64	10.26	14.66	2.89	---	2.03
28	1.87	6.45	3.34	11.25	7.44	3.78	5.20	8.65	13.57	2.85	---	2.06
29	1.81	6.23	3.85	9.71	7.66	3.71	4.54	6.61	11.14	2.87	---	2.25
30	1.77	5.60	6.02	10.48	---	3.71	4.53	5.07	9.60	3.01	---	2.47
31	1.74	---	6.67	12.48	---	3.70	---	4.25	---	3.60	---	---
MAX	1.99	6.45	6.67	12.48	17.60	11.69	6.55	20.79	14.86	13.31	---	---
MIN	1.73	1.65	2.67	3.84	7.44	3.70	3.18	4.25	3.04	2.85	---	---

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA

LOCATION.--Lat 30° 41' 55", long 92° 53' 35", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ 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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1939 to current year.

REVISED RECORDS.--WDR LA-84-1: 1983(M).

GAGE.--Water-stage recorder. Datum of gage is 46.24 ft above NGVD of 1929. Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Feb 2	1700	4,330	13.79	May 13	1900	*13,900	*20.02
Feb 14	2100	9,460	18.64	Jun 27	2100	5,780	15.51

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	187	171	515	1,360	3,230	779	484	393	598	1,650	e235	e245
2	183	169	361	804	4,060	708	405	1,060	589	1,590	e215	e230
3	180	168	310	522	3,690	697	e358	1,720	590	1,590	420	e230
4	179	166	280	446	2,050	862	e320	1,940	588	1,480	533	e225
5	177	165	259	404	1,240	903	e295	1,840	641	1,150	374	e230
6	177	165	243	370	1,460	766	e280	902	615	802	e395	e215
7	186	164	234	341	1,700	696	e285	588	578	720	e380	e200
8	181	163	229	327	1,650	651	e325	511	569	735	e360	e195
9	179	163	224	346	1,330	588	e380	e440	562	704	e340	e190
10	193	163	222	507	999	533	e345	e410	555	610	e315	e185
11	203	164	223	653	2,320	497	e525	e390	546	518	e285	e180
12	215	164	249	502	4,760	473	e610	2,770	544	469	e251	e170
13	228	163	318	398	5,950	453	714	7,180	542	e440	e240	e175
14	210	163	545	350	8,580	444	864	e15,200	538	e390	e225	e160
15	197	163	770	324	8,520	454	690	e13,000	534	e360	e205	e185
16	189	169	627	310	6,370	559	490	8,960	587	e320	e190	e240
17	185	176	407	429	3,960	640	e385	7,020	632	e290	e185	e320
18	182	243	332	1,930	2,320	569	e340	5,350	785	e270	e185	e420
19	179	543	295	2,380	1,460	487	e335	3,780	988	e245	e180	e405
20	178	704	270	2,300	1,180	447	e290	2,360	1,130	e230	e190	e395
21	177	565	253	1,800	1,030	417	e275	1,870	1,010	e215	e205	e385
22	176	327	239	1,100	927	402	e270	1,720	842	e195	e270	e380
23	174	254	235	663	849	424	e275	1,420	783	e190	322	e365
24	172	244	485	536	846	427	e325	1,030	1,500	e190	306	e340
25	171	319	547	1,460	1,190	e438	e420	904	4,030	e205	290	e330
26	170	386	458	2,850	1,440	e458	580	820	5,000	e280	284	e320
27	170	664	348	2,610	1,630	e481	886	754	5,640	460	e280	282
28	170	1,230	298	2,410	1,420	e530	904	703	5,140	770	e270	241
29	170	1,390	495	2,030	941	e570	537	662	3,570	631	e265	e360
30	171	915	1,770	2,190	---	e550	399	632	2,140	330	e260	e340
31	171	---	1,810	3,220	---	e520	---	614	---	e260	e250	---
TOTAL	5,680	10,603	13,851	35,872	77,102	17,423	13,591	86,943	42,366	18,289	8,705	8,138
MEAN	183	353	447	1,157	2,659	562	453	2,805	1,412	590	281	271
MAX	228	1,390	1,810	3,220	8,580	903	904	15,200	5,640	1,650	533	420
MIN	170	163	222	310	846	402	270	390	534	190	180	160
AC-FT	11,270	21,030	27,470	71,150	152,900	34,560	26,960	172,500	84,030	36,280	17,270	16,140
CFSM	0.36	0.69	0.88	2.27	5.21	1.10	0.89	5.50	2.77	1.16	0.55	0.53
IN.	0.41	0.77	1.01	2.62	5.62	1.27	0.99	6.34	3.09	1.33	0.63	0.59

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

MEAN	435	718	1,102	1,231	1,318	1,176	1,038	1,072	654	485	392	377
MAX	2,877	4,128	6,076	3,781	3,326	3,354	3,630	12,090	4,192	4,063	4,264	2,314
(WY)	(1985)	(2003)	(1983)	(1974)	(1984)	(1995)	(1949)	(1953)	(1989)	(1989)	(1940)	(1958)
MIN	99.1	135	144	162	148	230	228	180	155	126	106	115
(WY)	(1957)	(1955)	(1955)	(2000)	(2000)	(2000)	(1963)	(2001)	(1970)	(1970)	(2000)	(1954)

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	200,953		338,563			
ANNUAL MEAN	551		925		831	
HIGHEST ANNUAL MEAN					1,643	1953
LOWEST ANNUAL MEAN					258	2000
HIGHEST DAILY MEAN	5,580	Feb 24	15,200	May 14	108,000	May 19, 1953
LOWEST DAILY MEAN	163	Nov 8	160	Sep 14	87.1	Sep 7, 2000
ANNUAL SEVEN-DAY MINIMUM	163	Nov 8	163	Nov 8	90	Oct 14, 1956
MAXIMUM PEAK FLOW			15,200	May 14, 15	144,000	May 18, 1953
MAXIMUM PEAK STAGE			20.02	May 13, 15	32.80	May 18, 1953
INSTANTANEOUS LOW FLOW			unknown	Sep 14	86	Sep 6, 2000
INSTANTANEOUS LOW STAGE			a2.47	Nov 9	b1.92	Sep 6, 2000
ANNUAL RUNOFF (AC-FT)	398,600		671,500		602,000	
ANNUAL RUNOFF (CFSM)	1.08		1.81		1.63	
ANNUAL RUNOFF (INCHES)	14.66		24.70		22.14	
10 PERCENT EXCEEDS	1,190		1,930		1,820	
50 PERCENT EXCEEDS	304		422		370	
90 PERCENT EXCEEDS	182		179		165	

a Also occurred Nov 13, 14, 15, 2003

b Also occurred Sep 7, 2000.

c Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.64	2.53	4.27	7.18	12.05	5.44	4.44	4.09	4.07	8.06	---	---
2	2.62	2.52	3.63	5.34	13.40	5.21	4.14	6.25	4.03	7.87	---	---
3	2.60	2.52	3.39	4.30	12.81	5.17	---	8.27	4.04	7.89	4.10	---
4	2.59	2.51	3.24	4.00	9.16	5.70	---	8.89	4.03	7.54	4.53	---
5	2.58	2.50	3.13	3.82	6.82	5.83	---	8.58	4.23	6.53	3.92	---
6	2.58	2.50	3.05	3.67	7.50	5.40	---	5.68	4.13	5.35	---	---
7	2.64	2.48	3.01	3.54	8.19	5.17	---	4.56	3.99	5.06	---	---
8	2.60	2.48	2.97	3.47	8.06	5.02	---	4.26	3.96	5.11	---	---
9	2.59	2.48	2.93	3.56	7.08	4.80	---	---	3.93	5.00	---	---
10	2.69	2.48	2.91	4.24	6.02	4.61	---	---	3.90	4.64	---	---
11	2.76	2.49	2.92	4.80	9.79	4.49	---	---	3.87	4.29	---	---
12	2.86	2.49	3.08	4.23	14.32	4.40	---	10.64	3.86	4.10	---	---
13	2.97	2.48	3.42	3.80	15.68	4.33	5.22	16.41	3.85	---	---	---
14	2.82	2.47	4.39	3.58	18.04	4.30	5.71	---	3.84	---	---	---
15	2.72	2.48	5.23	3.46	18.03	4.33	5.14	---	3.82	---	---	---
16	2.66	2.52	4.70	3.39	16.11	4.70	4.46	18.31	4.02	---	---	---
17	2.63	2.57	3.84	3.88	13.20	4.98	---	16.78	4.19	---	---	---
18	2.61	2.98	3.50	8.81	9.89	4.74	---	14.96	4.75	---	---	---
19	2.59	4.38	3.31	10.07	7.47	4.45	---	12.44	5.46	---	---	---
20	2.58	4.99	3.19	9.84	6.63	4.31	---	9.47	5.90	---	---	---
21	2.58	4.46	3.10	8.45	6.14	4.19	---	8.15	5.52	---	---	---
22	2.57	3.47	3.03	6.35	5.78	4.13	---	7.74	4.96	---	---	---
23	2.56	3.11	3.02	4.84	5.51	4.22	---	6.84	4.75	---	3.67	---
24	2.55	3.06	4.13	4.36	5.50	4.23	---	5.60	7.02	---	3.60	---
25	2.54	3.43	4.40	7.30	6.65	---	---	5.17	12.86	---	3.53	---
26	2.53	3.74	4.05	11.26	7.44	---	4.77	4.88	14.50	---	3.50	---
27	2.53	4.80	3.57	10.67	7.99	---	5.77	4.65	15.36	4.05	---	3.41
28	2.53	6.78	3.33	10.15	7.38	---	5.83	4.46	14.79	5.23	---	3.21
29	2.53	7.27	4.09	9.11	5.95	---	4.62	4.31	12.57	4.87	---	---
30	2.54	5.73	8.39	9.51	---	---	4.12	4.20	9.42	3.73	---	---
31	2.54	---	8.50	12.04	---	---	---	4.13	---	---	---	---
MAX	2.97	7.27	8.50	12.04	18.04	---	---	---	15.36	---	---	---
MIN	2.53	2.47	2.91	3.39	5.50	---	---	---	3.82	---	---	---

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1949, 1955-57, 1966-69, 1998 to June 2004 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1999 to September 2001; October 2001 to September 2002 (miscellaneous water quality only); October 2002 to June 2004 (discontinued).

WATER TEMPERATURE: August 1999 to September 2001. October 2001 to September 2002 (miscellaneous water quality only); October 2002 to June 2004 (discontinued).

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 1-22, Nov. 22-Dec. 9, Dec. 28-Feb. 9, March 1-29, and May 6-June 20 when records good; Feb. 10-19 and March 26-April 8 when records fair.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 184 microsiemens/cm, June 14, 2004; minimum, 14 microsiemens/cm, Nov. 25, 2000.

WATER TEMPERATURE: Maximum, 29.8°C, Aug. 30, 2000; minimum, 6.1°C, Jan. 4, 2001.

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

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Alkalinity, wat fltr inc tit field, mg/L as CaCO ₃ (39086)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)
OCT 01...	1445	186	10.1	7.1	55	20.8	15	5.39	1.4	<.04	.09	<.008	.013
DEC 15...	1530	803	10.8	7.0	39	10.7	5	4.42	2.8	E.03n	E.05n	<.008	.008
FEB 17...	1530	3,640	10.3	6.3	25	9.4	2	2.42	3.1	<.04	<.06	<.008	E.004n
APR 28...	1300	926	8.8	--	38	19.3	--	4.06	2.9	<.04	.07	<.008	.010
JUN 16...	0900	562	7.6	7.1	49	23.1	12	5.16c	1.1c	<.04	.12	<.008	.016
AUG 09...	1545	--	8.4	7.5	49	26.6	12	4.96c	1.7c	<.04	.09	<.008	.010

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

Date	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 01...	.037	20	10
DEC 15...	.075	75	163
FEB 17...	.041	86	845
APR 28...	.064	78	195
JUN 16...	.044	35	53
AUG 09...	.035	33	--

Remark codes used in this table:

< -- Less than
E -- Estimated value

Value qualifier codes used in this table:

c -- See laboratory comment
n -- Below the LRL and above the LT-MDL

08015500 CALCASIEU RIVER NEAR KINDER, LA

LOCATION.--Lat 30° 30'10", long 92° 54'55", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ 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.

PERIOD OF RECORD.--August 1922 to January 1925, October 1938 to September 1957, October 1957 to September 1961 (annual maximums) from National Weather Service, October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 11.95 ft above NGVD of 1929. August 1922 to January 1925, water-stage recorder 400 ft downstream at datum 1.77 ft higher. October 1938 to July 9, 1939, nonrecording gage at present site and datum.

REMARKS.--Records good. Prior to November, 1981, paper mill at Elizabeth pumped about 11 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.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	439	358	2,560	3,930	9,530	3,100	930	1,990	1,250	7,700	1,010	501
2	424	356	1,940	3,320	9,990	3,190	928	3,120	1,150	6,510	1,100	471
3	411	352	1,550	2,520	10,900	3,570	849	3,770	1,100	6,140	1,110	440
4	401	350	1,380	2,010	10,800	4,060	863	4,160	1,080	6,140	1,250	421
5	395	347	1,290	1,920	9,000	4,380	914	4,550	1,090	6,200	1,240	425
6	392	346	1,210	1,800	8,070	4,140	923	4,050	1,190	5,610	980	408
7	413	344	1,110	1,630	7,810	3,600	918	2,900	1,180	4,870	829	412
8	417	344	948	1,560	7,520	3,000	897	2,480	1,040	4,310	758	416
9	406	337	798	1,670	6,920	2,530	988	2,470	982	3,840	714	387
10	856	331	717	1,690	6,510	2,130	911	2,730	915	3,500	623	359
11	785	331	668	1,760	8,370	1,830	843	2,980	848	3,080	563	349
12	633	331	628	1,670	13,800	1,630	804	5,850	789	2,540	525	343
13	607	329	1,550	1,420	19,200	1,470	920	10,100	763	2,010	499	348
14	579	326	2,490	1,250	23,000	1,430	1,470	19,100	1,150	1,680	482	329
15	516	326	2,290	1,160	27,000	1,750	1,740	37,700	1,390	1,460	480	316
16	472	330	1,990	1,080	25,300	1,690	1,590	46,500	1,700	1,340	479	443
17	444	354	1,610	1,410	21,700	1,640	1,460	44,500	e2,000	1,270	446	725
18	423	644	1,310	3,780	18,400	1,560	1,450	39,700	e2,150	1,160	427	752
19	414	1,020	1,180	5,500	13,200	1,400	1,490	31,200	e1,950	1,070	418	741
20	401	1,490	1,110	5,670	9,150	1,330	1,600	21,600	e1,900	984	408	720
21	391	1,640	1,050	5,200	6,950	1,340	1,710	14,300	e1,850	1,080	413	701
22	386	1,370	977	4,310	5,760	1,330	1,670	10,800	e1,800	e1,060	494	679
23	381	1,070	980	3,100	4,940	1,320	1,360	9,320	2,100	e970	559	662
24	375	1,090	1,030	2,460	4,320	1,370	1,070	7,540	3,750	e890	719	687
25	372	1,080	1,360	4,530	3,990	1,260	1,080	5,910	9,280	e800	630	693
26	369	1,230	1,300	8,170	3,840	1,080	1,510	4,750	16,100	e780	586	675
27	391	1,440	1,140	9,780	3,800	978	2,040	3,660	18,400	893	551	740
28	402	2,650	980	8,480	3,800	912	2,380	3,210	17,500	1,200	531	854
29	379	3,160	1,170	7,180	3,420	873	2,130	2,470	14,700	1,530	508	734
30	369	3,030	2,720	7,170	---	839	1,670	1,780	10,900	1,240	527	671
31	364	---	3,920	8,320	---	819	---	1,410	---	994	523	---
TOTAL	14,007	26,706	44,956	115,450	306,990	61,551	39,108	356,600	121,997	82,851	20,382	16,402
MEAN	452	890	1,450	3,724	10,590	1,986	1,304	11,500	4,067	2,673	657	547
MAX	856	3,160	3,920	9,780	27,000	4,380	2,380	46,500	18,400	7,700	1,250	854
MIN	364	326	628	1,080	3,420	819	804	1,410	763	780	408	316
AC-FT	27,780	52,970	89,170	229,000	608,900	122,100	77,570	707,300	242,000	164,300	40,430	32,530

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2004, BY WATER YEAR (WY)

	1,085	1,807	3,732	4,328	4,606	4,053	3,556	3,532	1,900	1,446	991	912
MEAN	9,258	14,060	20,030	12,880	11,760	11,880	14,730	36,390	9,601	20,130	12,370	7,285
(WY)	(1985)	(2003)	(1983)	(1998)	(1950)	(1995)	(1923)	(1953)	(1950)	(1989)	(1940)	(1979)
MIN	188	245	308	300	276	494	472	378	289	265	209	224
(WY)	(2001)	(2000)	(1955)	(1981)	(2000)	(2000)	(1981)	(1963)	(1948)	(1956)	(2000)	(2000)

CALCASIEU RIVER BASIN

08015500 CALCASIEU RIVER NEAR KINDER, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1923 - 2004	
ANNUAL TOTAL	626,943		1,207,000			
ANNUAL MEAN	1,718		3,298		2,659	
HIGHEST ANNUAL MEAN					4,979	1983
LOWEST ANNUAL MEAN					629	2000
HIGHEST DAILY MEAN	14,300	Feb 23	46,500	May 16	166,000	May 20, 1953
LOWEST DAILY MEAN	326	Nov 14	316	Sep 15	140	Aug 15, 1956
ANNUAL SEVEN-DAY MINIMUM	329	Nov 10	329	Nov 10	159	Sep 4, 2000
MAXIMUM PEAK FLOW			47,400	May 16	182,000	May 19, 1953
MAXIMUM PEAK STAGE			21.80	May 16	32.00	May 19, 1953
INSTANTANEOUS LOW FLOW			300	Sep 14	136	Aug 15, 1956
INSTANTANEOUS LOW STAGE			1.67	Nov 16	a1.06	Oct 4, 2000
ANNUAL RUNOFF (AC-FT)	1,244,000		2,394,000		1,927,000	
10 PERCENT EXCEEDS	3,960		8,100		6,150	
50 PERCENT EXCEEDS	900		1,260		1,050	
90 PERCENT EXCEEDS	384		399		331	

a Also occurred on Oct 5, 2000.

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.06	1.79	8.28	10.80	15.27	9.39	4.60	6.81	5.05	14.70	4.57	3.02
2	2.00	1.78	6.70	10.01	15.45	9.43	4.59	9.20	4.80	13.82	4.82	2.93
3	1.96	1.77	5.68	8.21	15.73	10.05	4.36	10.31	4.66	13.42	4.83	2.82
4	1.93	1.76	5.20	6.90	15.80	10.77	4.41	10.96	4.62	13.33	5.20	2.76
5	1.91	1.75	4.94	6.70	15.22	11.31	4.56	11.51	4.64	13.41	5.18	2.76
6	1.90	1.75	4.74	6.38	14.74	11.18	4.58	11.25	4.92	13.04	4.49	2.71
7	1.96	1.74	4.43	5.95	14.55	10.44	4.57	9.23	4.90	12.25	4.08	2.71
8	1.98	1.74	3.94	5.77	14.41	9.32	4.51	8.08	4.54	11.49	3.88	2.72
9	1.94	1.72	3.48	6.04	14.10	8.21	4.75	8.04	4.37	10.77	3.76	2.62
10	3.44	1.70	3.23	6.10	13.69	7.33	4.55	8.54	4.19	10.19	3.51	2.53
11	3.21	1.70	3.07	6.28	14.43	6.69	4.34	9.03	4.01	9.44	3.33	2.49
12	2.71	1.70	2.95	6.04	16.38	6.26	4.23	11.94	3.85	8.22	3.21	2.47
13	2.63	1.69	5.62	5.40	17.63	5.89	4.55	15.13	3.78	7.02	3.13	2.48
14	2.53	1.69	8.08	4.93	18.33	5.80	5.91	17.36	4.85	6.25	3.06	2.41
15	2.32	1.69	7.60	4.66	18.96	6.53	6.26	20.19	5.50	5.72	3.06	2.36
16	2.17	1.70	6.87	4.45	18.83	6.40	5.84	21.66	6.11	5.44	3.04	2.76
17	2.07	1.78	5.89	5.33	18.25	6.29	5.50	21.48	---	5.25	2.94	3.61
18	2.00	2.74	5.10	9.80	17.69	6.11	5.47	20.87	---	4.97	2.87	3.68
19	1.97	3.95	4.73	12.39	16.65	5.75	5.58	19.75	---	4.73	2.84	3.65
20	1.92	5.39	4.53	12.94	15.35	5.59	5.86	18.33	---	4.50	2.80	3.58
21	1.89	5.88	4.35	12.57	14.23	5.61	6.14	16.92	---	4.45	2.81	3.52
22	1.88	5.19	4.13	11.68	13.26	5.58	6.05	15.88	---	---	3.06	3.45
23	1.86	4.31	4.13	9.73	12.35	5.57	5.23	15.32	7.13	---	3.25	3.39
24	1.84	4.38	4.27	8.02	11.52	5.66	4.40	14.57	9.36	---	3.71	3.46
25	1.83	4.34	5.22	10.36	10.93	5.41	4.44	13.48	14.43	---	3.46	3.47
26	1.82	4.79	5.07	14.28	10.67	4.98	5.62	12.22	16.97	---	3.32	3.42
27	1.90	5.37	4.60	15.38	10.55	4.73	6.98	11.07	17.61	4.25	3.21	3.60
28	1.93	8.33	4.14	15.00	10.56	4.55	7.84	9.82	17.46	5.05	3.14	3.93
29	1.85	9.38	4.69	14.31	10.09	4.43	7.21	8.06	16.92	5.90	3.07	3.57
30	1.82	9.27	8.22	14.11	---	4.33	6.05	6.39	15.97	5.16	3.12	3.38
31	1.81	---	10.55	14.64	---	4.27	---	5.48	---	4.53	3.10	---
MAX	3.44	9.38	10.55	15.38	18.96	11.31	7.84	21.66	---	---	5.20	3.93
MIN	1.81	1.69	2.95	4.45	10.09	4.27	4.23	5.48	---	---	2.80	2.36

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES

LOCATION.--Lat 30° 14'13", long 93° 14'50", T. 9 S., R. 9 W., sec. 36, Calcasieu Parish, Hydrologic Unit 08080206, on right downstream side of bridge pier below I-10 in Lake Charles.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 1998 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.76 ft, May 13, 2004; minimum gage height, -2.33 ft, Jan. 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.76 ft, May 13; minimum gage height, -2.01 ft, July 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.17	0.66	1.51	2.01	0.63	1.44	1.30	0.11	0.67	1.61	0.73	1.29
2	1.93	0.60	1.35	2.10	0.91	1.66	0.96	0.19	0.58	1.59	0.47	1.12
3	2.18	0.80	1.68	2.00	0.76	1.45	1.59	0.68	1.20	1.55	0.41	1.11
4	2.11	0.60	1.53	1.80	0.80	1.37	1.23	0.12	0.80	1.80	0.65	1.28
5	1.96	0.57	1.44	1.62	0.80	1.24	0.79	-0.48	0.32	1.83	-0.07	0.81
6	1.84	0.57	1.39	1.66	0.82	1.24	0.86	-0.85	-0.04	0.72	-1.39	-0.20
7	1.90	0.58	1.43	1.40	0.30	0.88	1.35	-0.10	0.71	1.59	-0.08	0.71
8	1.91	0.88	1.43	1.42	0.04	0.77	1.70	0.26	1.09	1.91	0.87	1.50
9	2.42	0.96	1.73	1.55	0.16	0.89	1.71	0.60	1.27	1.91	-0.05	0.91
10	2.29	1.45	1.84	1.95	0.47	1.21	1.53	-1.50	-0.09	0.92	-0.85	0.20
11	2.00	0.88	1.45	2.21	0.92	1.63	1.07	-0.81	0.12	1.36	0.20	0.85
12	2.05	0.88	1.48	1.99	0.54	1.31	1.76	0.10	0.95	1.36	0.19	0.83
13	2.21	1.10	1.63	1.66	-0.20	0.71	2.04	0.48	1.28	1.27	0.17	0.63
14	2.21	0.57	1.43	1.92	0.77	1.28	1.34	0.01	0.61	1.24	0.29	0.68
15	2.14	1.15	1.47	2.20	0.79	1.60	1.79	1.01	1.45	1.33	0.35	0.81
16	2.30	1.19	1.77	2.13	0.73	1.54	2.06	-0.28	0.94	1.88	0.14	0.99
17	2.13	0.37	1.43	2.12	1.31	1.69	0.36	-0.97	-0.39	2.02	1.11	1.70
18	1.31	0.40	0.98	2.91	0.81	2.12	0.76	-0.29	0.19	2.04	0.70	1.32
19	1.77	0.66	1.40	0.81	-1.07	-0.32	0.44	-0.97	-0.08	0.88	-0.94	0.11
20	1.97	0.53	1.41	1.46	-0.32	0.70	0.79	-0.84	0.12	1.45	-0.26	0.68
21	1.74	0.51	1.25	1.87	0.89	1.36	1.41	-0.23	0.74	1.41	-0.19	0.79
22	1.58	0.27	0.99	1.75	0.41	1.18	1.72	0.25	1.14	1.32	-0.33	0.70
23	1.50	0.22	0.92	2.23	0.91	1.58	2.07	-0.28	0.95	1.24	-0.15	0.71
24	1.76	0.55	1.16	0.91	-1.58	-0.09	0.93	-1.13	0.09	1.81	0.40	1.05
25	1.84	0.55	1.26	1.86	0.13	1.00	1.41	-0.13	0.77	2.29	1.13	1.72
26	1.70	-0.08	0.91	2.42	0.69	1.65	1.73	0.22	1.06	1.65	0.87	1.14
27	1.53	-0.43	0.54	2.54	1.00	1.79	1.60	0.45	1.20	1.14	-0.81	-0.05
28	1.86	0.39	1.26	1.35	-1.39	-0.40	1.66	0.48	1.16	1.39	-0.55	0.48
29	1.88	0.25	1.17	1.11	-0.05	0.43	1.64	0.01	0.78	1.80	0.45	1.06
30	2.29	0.84	1.67	1.40	0.16	0.88	1.45	-0.12	0.61	1.90	0.89	1.33
31	2.13	0.49	1.45	---	---	---	1.70	0.87	1.26	1.99	0.56	1.22
MONTH	2.42	-0.43	1.37	2.91	-1.58	1.13	2.07	-1.50	0.69	2.29	-1.39	0.89

CALCASIEU RIVER BASIN

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.22	1.12	1.79	2.46	1.16	1.89	2.09	0.48	1.33	3.02	1.59	2.48
2	2.13	1.02	1.66	2.31	0.88	1.75	1.84	0.54	1.32	2.09	1.09	1.55
3	1.69	0.11	0.98	2.43	1.23	1.92	1.90	0.60	1.34	2.11	0.92	1.55
4	2.73	0.83	1.59	3.03	1.96	2.47	1.88	0.66	1.30	2.12	0.75	1.56
5	2.91	1.56	2.20	2.91	1.80	2.33	2.15	0.65	1.45	2.44	0.66	1.71
6	2.15	0.46	1.19	2.31	1.11	1.81	2.64	1.03	2.06	2.37	0.65	1.73
7	1.40	-0.13	0.58	1.83	0.73	1.41	2.60	1.32	2.00	2.40	0.67	1.79
8	1.94	0.50	1.05	1.70	0.23	0.92	1.96	0.69	1.44	2.58	0.85	1.90
9	1.93	1.05	1.60	1.48	0.41	0.90	2.15	0.16	1.39	2.58	1.04	1.97
10	1.76	0.62	1.13	1.95	-0.26	1.04	2.22	0.60	1.60	2.73	1.12	2.07
11	2.77	1.23	2.15	1.60	0.53	1.18	2.00	0.52	1.38	3.14	1.60	2.35
12	2.64	1.35	1.75	1.72	0.17	1.11	1.90	0.58	1.23	3.60	2.79	3.18
13	2.23	1.04	1.65	2.15	0.34	1.32	0.84	-0.74	0.12	3.76	2.86	3.26
14	2.44	1.49	1.93	2.46	0.61	1.52	1.25	-0.85	0.28	3.21	2.45	2.88
15	1.71	0.43	1.10	2.36	0.83	1.65	1.49	0.20	0.93	2.98	2.36	2.61
16	2.15	0.69	1.40	2.12	0.65	1.49	1.68	0.59	1.19	3.08	2.24	2.78
17	1.98	0.81	1.52	2.21	0.68	1.52	1.78	0.80	1.25	3.56	2.54	3.14
18	1.92	0.77	1.48	2.31	1.07	1.78	1.94	0.65	1.53	3.59	2.74	3.25
19	2.28	1.05	1.67	2.12	0.90	1.62	2.40	1.07	1.76	3.75	2.81	3.37
20	2.35	1.24	1.89	2.12	1.09	1.57	2.33	0.78	1.78	3.63	2.91	3.28
21	2.00	0.65	1.40	1.73	0.62	1.16	2.64	1.06	2.13	3.33	2.61	2.96
22	2.36	1.36	1.88	1.88	0.63	1.32	2.96	1.63	2.45	3.35	2.32	2.88
23	2.34	1.68	2.03	2.48	1.08	1.99	2.98	1.60	2.41	3.44	2.32	2.88
24	2.26	1.65	1.94	2.68	1.64	2.19	3.01	1.59	2.29	3.20	2.08	2.69
25	2.28	0.94	1.74	2.90	1.31	2.18	2.49	1.14	1.78	3.21	2.15	2.68
26	1.32	0.17	0.72	2.57	1.24	2.01	1.76	1.00	1.44	3.01	1.89	2.46
27	1.78	0.44	1.23	2.87	1.37	2.14	1.84	0.57	1.28	2.84	2.09	2.43
28	2.22	0.64	1.47	2.65	1.35	2.08	2.52	0.84	1.72	2.87	1.81	2.26
29	2.69	1.29	2.06	2.10	1.11	1.61	2.73	1.69	2.17	2.55	1.74	2.11
30	---	---	---	2.19	0.51	1.42	2.67	1.29	1.96	3.11	1.89	2.66
31	---	---	---	1.75	0.36	1.21	---	---	---	2.98	1.27	2.34
MONTH	2.91	-0.13	1.54	3.03	-0.26	1.63	3.01	-0.85	1.54	3.76	0.65	2.48
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.53	0.56	1.77	2.22	0.79	1.65	---	---	---	1.42	0.40	0.82
2	2.05	0.53	1.50	2.14	0.72	1.60	---	---	---	1.48	0.45	0.87
3	2.08	0.03	1.37	2.08	0.65	1.53	---	---	---	1.48	0.40	0.97
4	1.68	0.18	1.03	1.98	0.57	1.40	---	---	---	1.54	0.40	1.17
5	1.52	-0.41	0.87	1.96	0.58	1.39	---	---	---	1.66	0.43	1.19
6	1.68	-0.10	1.03	1.81	0.63	1.24	---	---	---	1.52	0.19	0.94
7	1.94	0.31	1.21	1.49	0.51	1.05	---	---	---	1.19	-0.30	0.61
8	2.29	0.63	1.56	1.59	0.72	1.12	---	---	---	0.82	-0.43	0.43
9	2.21	0.99	1.56	1.68	0.82	1.23	---	---	---	1.49	-0.43	0.84
10	2.04	1.12	1.55	1.57	0.55	1.20	---	---	---	1.49	-0.06	0.95
11	1.95	0.76	1.50	1.65	0.44	1.20	1.46	0.01	1.01	1.30	-0.12	0.90
12	1.86	0.53	1.33	1.61	0.09	0.99	1.16	-0.47	0.53	2.00	0.23	1.28
13	1.81	0.30	1.37	1.44	0.05	0.81	1.24	-0.54	0.72	2.20	0.70	1.54
14	1.78	0.30	1.31	1.51	-0.07	0.74	1.37	-0.06	0.86	2.54	1.18	1.95
15	1.94	0.55	1.37	1.44	-0.09	0.95	1.47	-0.05	0.96	2.58	1.73	2.12
16	2.49	0.43	1.69	1.47	-0.10	0.93	1.65	0.13	1.07	2.78	1.60	2.10
17	2.21	0.96	1.63	1.37	-0.10	0.83	1.62	0.22	0.96	2.73	1.59	2.19
18	1.90	0.68	1.37	1.03	-0.28	0.35	1.58	0.32	1.04	2.30	0.95	1.57
19	1.73	0.37	1.11	1.40	-0.74	0.58	1.71	0.70	1.30	2.03	0.32	1.21
20	1.62	0.20	1.08	1.24	0.00	0.85	1.81	1.02	1.35	2.25	1.14	1.77
21	1.70	0.19	1.16	1.44	0.13	0.90	1.50	0.23	0.91	2.67	1.46	2.21
22	2.04	0.66	1.34	1.30	0.26	0.84	1.65	0.27	1.04	3.01	1.53	2.48
23	1.54	0.66	1.15	1.21	0.34	0.71	1.83	0.36	1.25	2.73	1.08	2.13
24	2.34	0.83	1.51	1.20	0.35	0.74	1.91	0.33	1.33	2.55	1.06	2.04
25	1.88	1.06	1.37	1.13	0.11	0.80	1.83	0.26	1.28	2.31	0.95	1.85
26	1.66	1.16	1.37	1.20	-0.20	0.73	1.77	0.26	1.26	1.94	0.76	1.43
27	2.15	1.23	1.71	1.37	-0.17	0.84	1.72	0.11	1.13	2.09	0.66	1.43
28	1.99	1.08	1.62	1.44	-0.18	0.97	1.64	0.00	1.08	1.53	0.64	1.04
29	2.06	0.99	1.62	1.58	-1.00	0.97	1.61	0.10	1.05	1.45	0.17	0.78
30	2.15	0.86	1.64	---	---	---	1.71	0.15	1.01	1.64	0.31	0.95
31	---	---	---	---	---	---	1.63	0.27	0.90	---	---	---
MONTH	2.53	-0.41	1.39	2.22	-1.00	1.00	---	---	---	3.01	-0.43	1.39

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1998 to current year.

SALINITY: October 2002 to September 2003.

WATER TEMPERATURE: December 1998 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Oct. 22-Dec. 8, March 15-April 6, April 25-June 1, June 16-July 14, and Aug. 24-Sept. 22 when records good, Dec. 9-Jan. 11 and Sept. 23-30 when records fair, Jan. 12-22 when records poor.

SALINITY: Records excellent except for Oct. 22-Dec. 8, March 15-April 6, April 25-June 1, June 16-July 14, and Aug. 24-Sept. 22 when records good, Dec. 9-Jan. 11 and Sept. 23-30 when records fair, Jan. 12-22 when records poor.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 41,400 microsiemens/cm, Sept. 12, 2000; minimum, 24 microsiemens/cm, Nov. 11, 2002.

SALINITY: Maximum, 18.9 ppt, Aug. 31, 2003; minimum, 0.0 ppt, on many times.

WATER TEMPERATURE: Maximum, 36.5°C, Aug. 27, 2004; minimum, 6.7°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 28,300 microsiemens/cm, Nov. 18; minimum, 26 microsiemens/cm, Feb. 18, 19, 20.

SALINITY: Maximum, 17.4 ppt, Nov. 18; minimum, 0.0 ppt, on many days.

WATER TEMPERATURE: Maximum, 36.5°C, Aug. 27; minimum, 9.3°C, Feb. 15.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	15,200	7,370	11,500	19,000	12,300	15,000	6,350	2,760	4,140	4,460	2,500	3,450
2	18,500	8,820	13,700	20,600	13,400	16,000	5,730	2,600	3,460	4,140	2,570	3,360
3	21,800	11,300	15,800	20,400	13,400	16,800	7,080	3,280	4,640	3,970	2,320	3,000
4	19,900	10,900	15,500	21,900	13,400	17,700	5,110	3,040	4,060	3,510	1,800	2,610
5	18,500	11,000	15,600	19,900	14,600	17,600	5,340	3,620	4,180	3,730	2,240	2,930
6	19,100	10,700	15,800	20,900	15,100	17,500	10,100	5,340	8,500	2,370	1,720	1,990
7	19,600	11,200	14,700	20,100	15,400	17,400	8,800	6,750	7,620	4,290	1,730	2,920
8	18,300	10,300	14,100	22,700	15,800	18,300	8,030	6,490	7,020	4,030	2,510	3,310
9	17,600	9,920	13,200	24,900	17,600	20,400	15,500	6,130	7,740	5,290	3,240	4,210
10	19,700	9,770	13,000	24,900	15,500	20,900	15,500	5,510	7,820	3,340	2,220	2,660
11	13,300	8,100	9,950	24,400	16,600	20,800	9,550	5,970	7,460	3,550	2,350	2,880
12	9,280	5,850	7,560	26,000	16,100	21,000	18,100	7,480	10,900	4,080	2,240	3,020
13	9,670	5,130	7,040	24,200	14,800	20,100	23,100	7,430	14,900	3,900	2,540	3,130
14	9,700	5,030	7,350	25,400	18,800	21,600	8,170	3,530	5,690	4,140	2,320	3,060
15	8,120	5,190	6,160	26,200	18,000	22,000	6,040	2,760	3,940	3,930	2,350	3,050
16	9,570	5,630	6,780	27,600	18,000	22,800	5,340	3,070	4,070	5,610	3,420	4,150
17	12,800	5,190	7,500	27,500	20,000	22,600	3,130	1,440	2,360	7,950	4,070	5,430
18	10,700	5,430	7,690	28,300	18,800	24,200	4,440	2,060	2,980	5,790	2,120	4,460
19	12,700	7,550	9,560	19,600	12,500	15,400	4,970	2,860	3,690	2,120	571	1,190
20	16,800	7,900	11,500	16,800	14,300	15,900	3,800	3,030	3,360	785	342	537
21	15,300	6,970	12,300	16,900	10,900	14,000	5,320	3,100	4,240	691	326	445
22	16,000	8,080	11,100	11,400	8,250	9,730	8,570	4,030	5,310	1,020	321	673
23	13,700	7,970	10,400	16,200	8,300	11,000	8,250	4,410	6,140	900	310	599
24	14,600	9,100	10,600	11,200	7,030	8,050	9,060	3,460	5,510	1,210	407	729
25	14,300	8,130	10,600	12,100	6,040	9,060	10,700	4,270	6,590	1,760	385	1,170
26	18,500	9,020	12,000	14,300	7,060	9,460	10,000	5,040	6,730	593	133	289
27	18,800	11,900	13,900	15,600	7,950	10,900	10,200	5,450	6,510	165	78	113
28	22,800	11,400	16,000	8,640	5,480	7,050	11,600	4,470	7,040	93	54	70
29	21,500	11,000	15,200	8,860	3,660	6,170	10,000	4,060	6,860	74	47	58
30	19,400	11,100	14,100	8,220	3,190	4,940	5,630	3,660	4,310	234	56	102
31	18,200	11,300	13,200	---	---	---	6,110	3,000	4,240	61	43	52
MONTH	22,800	5,030	11,700	28,300	3,190	15,800	23,100	1,440	5,870	7,950	43	2,120

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	108	38	49	2,470	1,520	1,950	5,120	3,250	4,450	5,010	2,530	3,480
2	205	50	97	2,020	724	1,340	5,070	3,020	3,980	2,580	845	1,480
3	109	47	63	1,950	956	1,540	4,600	2,520	3,390	1,170	592	829
4	437	46	96	2,450	1,170	1,960	5,030	2,780	3,810	1,640	618	966
5	957	50	427	2,630	1,210	2,100	9,370	3,480	4,920	1,600	566	953
6	54	42	50	1,660	630	1,050	11,800	5,110	7,980	1,530	596	1,070
7	55	42	49	892	489	698	11,400	4,900	7,360	1,540	596	1,170
8	55	39	48	755	348	534	6,560	4,300	5,300	1,560	720	1,300
9	47	38	42	911	475	627	9,240	4,460	6,770	1,630	855	1,360
10	53	38	46	1,030	369	681	11,100	5,880	7,210	2,740	993	1,770
11	57	46	52	1,830	825	1,250	8,740	5,660	7,060	2,530	1,490	2,070
12	50	41	45	2,640	953	1,920	10,100	6,230	7,980	3,160	378	1,380
13	41	31	36	5,100	1,820	2,660	11,200	8,220	9,460	378	73	173
14	37	30	34	7,370	2,510	3,700	11,800	4,310	9,630	151	58	87
15	41	29	36	4,300	3,120	3,740	9,360	3,810	6,020	86	46	59
16	32	27	30	3,120	2,180	2,690	9,000	3,980	5,940	61	40	49
17	33	26	30	4,800	2,250	3,100	8,430	3,480	4,840	58	35	48
18	33	26	29	3,590	2,900	3,260	5,370	3,190	4,380	61	38	50
19	32	26	30	3,520	2,610	3,130	7,520	2,560	4,570	55	42	50
20	34	26	30	3,290	2,520	2,890	5,220	2,390	4,050	52	38	45
21	61	28	41	4,060	2,260	3,010	6,540	3,060	5,050	43	32	36
22	58	30	45	4,610	2,250	3,500	7,040	4,640	6,100	39	33	36
23	53	32	44	4,610	3,740	4,280	7,200	4,360	6,000	46	35	39
24	130	35	69	5,390	4,470	4,890	6,100	3,960	5,060	64	37	45
25	554	77	275	6,120	4,270	5,150	4,360	2,980	3,640	123	41	61
26	450	185	287	6,000	4,990	5,480	3,570	1,630	2,520	113	41	60
27	605	243	484	5,800	4,700	5,280	2,420	1,590	1,970	136	41	56
28	673	511	610	5,800	4,380	5,020	3,520	1,600	2,390	157	42	73
29	1,570	535	1,040	4,870	3,520	4,090	3,830	1,320	2,510	165	51	96
30	---	---	---	4,670	3,470	3,980	3,390	1,730	2,560	168	77	118
31	---	---	---	5,170	3,320	4,240	---	---	---	189	53	117
MONTH	1,570	26	145	7,370	348	2,890	11,800	1,320	5,230	5,010	32	617
JUNE			JULY			AUGUST			SEPTEMBER			
1	124	52	87	61	51	57	12,600	5,180	8,790	17,600	9,390	12,000
2	154	87	113	64	55	60	10,900	6,300	8,610	17,800	9,990	13,700
3	273	83	141	74	61	66	10,300	5,980	7,590	15,600	11,100	13,600
4	135	76	109	81	69	75	9,570	4,960	7,050	17,300	9,220	12,900
5	120	94	106	84	72	78	9,040	5,110	6,630	17,400	9,970	13,400
6	369	76	173	82	71	78	7,530	4,080	5,460	16,900	8,590	12,700
7	538	177	292	85	75	79	7,660	5,940	6,750	16,700	10,800	12,600
8	488	333	391	86	75	79	11,700	6,960	9,240	16,200	11,600	13,200
9	905	383	634	95	77	82	---	---	---	19,100	12,400	16,000
10	1,220	771	967	86	65	75	---	---	---	20,700	13,200	16,000
11	1,590	982	1,220	110	65	86	14,700	8,050	12,300	19,400	13,200	16,800
12	1,520	979	1,270	85	71	77	14,700	8,750	11,500	20,500	14,400	17,400
13	2,140	902	1,370	135	75	102	22,000	10,300	15,000	19,500	15,800	17,500
14	2,500	811	1,420	176	76	109	19,800	10,700	15,900	19,600	16,300	17,700
15	3,060	1,040	1,930	144	94	113	21,800	13,100	18,500	23,900	17,100	20,200
16	2,260	817	1,650	236	88	160	24,200	16,500	19,400	24,600	17,100	21,600
17	950	349	535	590	139	317	23,000	15,100	19,400	23,300	15,600	20,500
18	675	104	231	713	263	416	20,600	15,000	17,700	22,000	12,500	16,200
19	437	90	155	1,710	445	916	23,200	14,800	17,400	19,000	12,100	14,500
20	179	98	120	3,330	944	2,220	22,500	14,000	17,600	18,700	13,200	15,700
21	349	84	198	6,230	2,070	3,170	20,300	8,770	14,300	17,000	13,900	15,200
22	406	82	241	4,710	1,470	2,660	17,700	10,900	15,100	24,700	15,400	19,900
23	198	60	103	6,330	2,180	3,400	18,900	11,500	14,700	26,000	16,700	21,300
24	85	63	73	5,660	2,180	3,450	19,000	8,940	14,600	21,100	14,000	17,700
25	71	51	59	5,510	2,820	3,780	16,300	8,940	13,300	22,500	14,100	18,700
26	56	48	51	3,950	2,440	3,080	15,000	9,020	12,300	20,600	14,300	16,500
27	54	48	51	10,400	2,490	6,760	16,100	7,780	12,300	21,300	12,200	16,300
28	52	45	48	11,700	4,970	7,980	17,300	8,090	11,700	19,500	11,900	15,300
29	56	47	50	13,000	5,700	9,130	15,400	8,340	11,700	18,400	12,500	15,100
30	61	51	55	12,100	4,740	7,360	16,100	7,570	12,100	18,100	14,100	15,300
31	---	---	---	11,600	5,150	7,560	18,100	9,340	12,100	---	---	---
MONTH	3,060	45	461	13,000	51	2,050	---	---	---	26,000	8,590	16,200

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.9	4.1	6.6	11.3	7.0	8.8	3.5	1.4	2.2	2.4	1.3	1.8
2	10.9	4.9	7.9	12.3	7.7	9.4	3.1	1.3	1.8	2.2	1.3	1.8
3	13.1	6.4	9.2	12.1	7.7	9.8	3.9	1.7	2.5	2.1	1.2	1.6
4	11.8	6.2	9.0	13.2	7.7	10.4	2.7	1.6	2.1	1.8	0.9	1.3
5	10.9	6.2	9.1	11.8	8.5	10.4	2.9	1.9	2.2	2.0	1.1	1.5
6	11.4	6.1	9.3	12.5	8.8	10.3	5.7	2.9	4.7	1.2	0.9	1.0
7	11.7	6.3	8.5	12.0	9.0	10.2	4.9	3.7	4.2	2.3	0.9	1.5
8	10.8	5.8	8.2	13.7	9.2	10.8	4.4	3.5	3.8	2.1	1.3	1.7
9	10.4	5.6	7.6	15.1	10.4	12.2	9.0	3.3	4.3	2.8	1.7	2.2
10	11.7	5.5	7.5	15.1	9.0	12.5	9.0	3.0	4.3	1.7	1.1	1.4
11	7.6	4.5	5.6	14.8	9.7	12.5	5.3	3.2	4.1	1.9	1.2	1.5
12	5.2	3.2	4.2	15.9	9.4	12.6	10.7	4.1	6.2	2.2	1.1	1.6
13	5.4	2.8	3.9	14.7	8.6	12.0	13.9	4.1	8.7	2.1	1.3	1.6
14	5.4	2.7	4.0	15.5	11.1	12.9	4.5	1.8	3.1	2.2	1.2	1.6
15	4.5	2.8	3.3	16.0	10.6	13.2	3.3	1.4	2.1	2.1	1.2	1.6
16	5.4	3.0	3.7	16.9	10.6	13.8	2.9	1.6	2.2	3.0	1.8	2.2
17	7.4	2.8	4.1	16.9	11.9	13.6	1.6	0.7	1.2	4.4	2.2	2.9
18	6.1	2.9	4.2	17.4	11.1	14.7	2.4	1.0	1.5	3.1	1.1	2.4
19	7.3	4.2	5.4	11.7	7.2	9.0	2.7	1.5	1.9	1.1	0.3	0.6
20	9.9	4.4	6.5	9.9	8.3	9.3	2.0	1.6	1.8	0.4	0.2	0.3
21	8.9	3.8	7.1	9.9	6.2	8.1	2.9	1.6	2.2	0.3	0.2	0.2
22	9.3	4.5	6.3	6.5	4.6	5.5	4.8	2.1	2.9	0.5	0.2	0.3
23	7.9	4.4	5.9	9.4	4.6	6.2	4.6	2.3	3.3	0.4	0.2	0.3
24	8.5	5.1	6.0	6.3	3.9	4.5	5.1	1.8	3.0	0.6	0.2	0.4
25	8.3	4.5	6.0	6.9	3.3	5.1	6.1	2.3	3.6	0.9	0.2	0.6
26	10.9	5.0	6.9	8.3	3.9	5.3	5.6	2.7	3.7	0.3	0.1	0.1
27	11.1	6.8	8.0	9.1	4.4	6.2	5.8	2.9	3.6	0.1	0.0	0.1
28	13.7	6.5	9.3	4.8	2.9	3.9	6.6	2.4	3.9	0.1	0.0	0.0
29	12.9	6.2	8.9	4.9	1.9	3.4	5.6	2.1	3.8	0.0	0.0	0.0
30	11.5	6.3	8.2	4.6	1.7	2.7	3.0	1.9	2.3	0.1	0.0	0.1
31	10.7	6.4	7.6	---	---	---	3.3	1.6	2.3	0.0	0.0	0.0
MONTH	13.7	2.7	6.7	17.4	1.7	9.3	13.9	0.7	3.2	4.4	0.0	1.1
FEBRUARY			MARCH			APRIL			MAY			
1	0.1	0.0	0.0	1.3	0.8	1.0	2.7	1.7	2.4	2.7	1.3	1.8
2	0.1	0.0	0.1	1.0	0.4	0.7	2.7	1.6	2.1	1.3	0.4	0.7
3	0.1	0.0	0.0	1.0	0.5	0.8	2.5	1.3	1.8	0.6	0.3	0.4
4	0.2	0.0	0.1	1.3	0.6	1.0	2.7	1.4	2.0	0.8	0.3	0.5
5	0.5	0.0	0.2	1.4	0.6	1.1	5.2	1.8	2.6	0.8	0.3	0.5
6	0.0	0.0	0.0	0.8	0.3	0.5	6.7	2.7	4.4	0.8	0.3	0.5
7	0.0	0.0	0.0	0.4	0.2	0.3	6.5	2.6	4.1	0.8	0.3	0.6
8	0.0	0.0	0.0	0.4	0.2	0.3	3.6	2.3	2.9	0.8	0.4	0.6
9	0.0	0.0	0.0	0.4	0.2	0.3	5.2	2.4	3.7	0.8	0.4	0.7
10	0.0	0.0	0.0	0.5	0.2	0.3	6.3	3.2	4.0	1.4	0.5	0.9
11	0.0	0.0	0.0	0.9	0.4	0.6	4.9	3.1	3.9	1.3	0.7	1.1
12	0.0	0.0	0.0	1.4	0.5	1.0	5.7	3.4	4.4	1.6	0.2	0.7
13	0.0	0.0	0.0	2.7	0.9	1.4	6.3	4.6	5.3	0.2	0.0	0.1
14	0.0	0.0	0.0	4.1	1.3	2.0	6.7	2.3	5.4	0.1	0.0	0.1
15	0.0	0.0	0.0	2.3	1.6	2.0	5.2	2.0	3.3	0.1	0.0	0.0
16	0.0	0.0	0.0	1.6	1.1	1.4	5.0	2.1	3.2	0.0	0.0	0.0
17	0.0	0.0	0.0	2.6	1.1	1.6	4.7	1.8	2.6	0.0	0.0	0.0
18	0.0	0.0	0.0	1.9	1.5	1.7	2.9	1.7	2.3	0.0	0.0	0.0
19	0.0	0.0	0.0	1.8	1.3	1.6	4.1	1.3	2.4	0.0	0.0	0.0
20	0.0	0.0	0.0	1.7	1.3	1.5	2.8	1.2	2.1	0.0	0.0	0.0
21	0.0	0.0	0.0	2.1	1.2	1.6	3.6	1.6	2.7	0.0	0.0	0.0
22	0.0	0.0	0.0	2.5	1.1	1.8	3.9	2.5	3.3	0.0	0.0	0.0
23	0.0	0.0	0.0	2.5	2.0	2.3	4.0	2.3	3.3	0.0	0.0	0.0
24	0.1	0.0	0.0	2.9	2.4	2.6	3.3	2.1	2.7	0.0	0.0	0.0
25	0.3	0.0	0.1	3.3	2.3	2.8	2.3	1.5	1.9	0.1	0.0	0.0
26	0.2	0.1	0.1	3.3	2.7	3.0	1.9	0.8	1.3	0.1	0.0	0.0
27	0.3	0.1	0.2	3.1	2.5	2.8	1.2	0.8	1.0	0.1	0.0	0.0
28	0.3	0.3	0.3	3.1	2.3	2.7	1.8	0.8	1.2	0.1	0.0	0.0
29	0.8	0.3	0.5	2.6	1.8	2.2	2.0	0.7	1.3	0.1	0.0	0.1
30	---	---	---	2.5	1.8	2.1	1.8	0.9	1.3	0.1	0.0	0.1
31	---	---	---	2.8	1.7	2.3	---	---	---	0.1	0.0	0.1
MONTH	0.8	0.0	0.1	4.1	0.2	1.5	6.7	0.7	2.8	2.7	0.0	0.3

CALCASIEU RIVER BASIN

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	0.1	0.0	0.1	0.0	0.0	0.0	7.2	2.8	4.9	10.4	5.3	6.9
2	0.1	0.1	0.1	0.0	0.0	0.0	6.2	3.4	4.8	10.5	5.6	7.9
3	0.1	0.0	0.1	0.0	0.0	0.0	5.8	3.2	4.2	9.1	6.3	7.8
4	0.1	0.0	0.1	0.0	0.0	0.0	5.4	2.7	3.9	10.2	5.2	7.4
5	0.1	0.1	0.1	0.0	0.0	0.0	5.0	2.7	3.6	10.2	5.6	7.7
6	0.2	0.0	0.1	0.0	0.0	0.0	4.1	2.2	2.9	9.9	4.8	7.3
7	0.3	0.1	0.1	0.1	0.0	0.0	4.2	3.2	3.7	9.8	6.1	7.2
8	0.2	0.2	0.2	0.1	0.0	0.0	6.6	3.8	5.2	9.4	6.6	7.6
9	0.4	0.2	0.3	0.1	0.0	0.0	---	---	---	11.4	7.1	9.3
10	0.6	0.4	0.5	0.1	0.0	0.0	---	---	---	12.4	7.6	9.4
11	0.8	0.5	0.6	0.1	0.0	0.1	8.6	4.5	7.0	11.5	7.6	9.9
12	0.8	0.5	0.6	0.1	0.0	0.0	8.6	4.9	6.6	12.2	8.3	10.2
13	1.1	0.4	0.7	0.1	0.0	0.1	13.2	5.8	8.7	11.6	9.2	10.3
14	1.3	0.4	0.7	0.1	0.0	0.1	11.8	6.1	9.3	11.7	9.5	10.4
15	1.6	0.5	1.0	0.1	0.1	0.1	13.1	7.5	10.9	14.5	10.1	12.0
16	1.2	0.4	0.8	0.1	0.1	0.1	14.7	9.7	11.5	14.9	10.1	13.0
17	0.5	0.2	0.3	0.3	0.1	0.2	13.9	8.8	11.5	14.1	9.1	12.3
18	0.3	0.1	0.1	0.4	0.1	0.2	12.3	8.7	10.5	13.2	7.2	9.5
19	0.2	0.1	0.1	0.9	0.2	0.5	14.0	8.6	10.2	11.3	6.9	8.4
20	0.1	0.1	0.1	1.7	0.5	1.1	13.5	8.1	10.4	11.1	7.6	9.2
21	0.2	0.0	0.1	3.4	1.1	1.7	12.1	4.9	8.3	10.0	8.0	8.9
22	0.2	0.0	0.1	2.5	0.7	1.4	10.4	6.2	8.8	15.0	9.0	11.9
23	0.1	0.0	0.1	3.4	1.1	1.8	11.2	6.5	8.5	15.9	9.8	12.8
24	0.1	0.0	0.0	3.1	1.1	1.8	11.3	5.0	8.5	12.6	8.1	10.5
25	0.0	0.0	0.0	3.0	1.5	2.0	9.5	5.0	7.6	13.5	8.1	11.1
26	0.0	0.0	0.0	2.1	1.3	1.6	8.7	5.0	7.0	12.3	8.3	9.7
27	0.0	0.0	0.0	5.9	1.3	3.7	9.4	4.3	7.0	12.8	7.0	9.5
28	0.0	0.0	0.0	6.6	2.7	4.4	10.2	4.5	6.7	11.6	6.8	8.9
29	0.0	0.0	0.0	7.5	3.1	5.1	9.0	4.6	6.7	10.9	7.2	8.8
30	0.0	0.0	0.0	6.9	2.5	4.1	9.4	4.2	6.9	10.7	8.1	8.9
31	---	---	---	6.6	2.8	4.2	10.7	5.2	6.9	---	---	---
MONTH	1.6	0.0	0.2	7.5	0.0	1.1	---	---	---	15.9	4.8	9.5

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.3	24.9	25.7	25.0	23.2	23.7	15.9	15.1	15.5	13.5	12.3	12.7
2	26.6	24.5	25.4	24.6	23.5	23.8	15.9	14.6	15.2	14.5	12.6	13.2
3	26.2	24.3	25.4	24.9	23.9	24.2	16.4	14.6	15.4	15.4	12.8	13.7
4	26.2	24.1	25.3	24.6	23.8	24.1	15.6	14.7	15.1	16.0	13.4	14.2
5	26.7	25.1	25.7	24.5	23.6	24.1	14.9	14.2	14.6	15.5	14.0	14.3
6	25.8	25.3	25.7	24.4	23.4	24.0	15.0	13.6	14.4	14.5	13.2	14.0
7	26.7	25.4	25.9	23.7	22.7	23.2	14.5	13.1	14.1	13.5	11.5	12.9
8	26.5	25.2	25.6	23.1	21.6	22.2	14.7	12.9	13.8	12.5	11.4	12.2
9	26.4	25.2	25.4	23.0	21.0	22.1	15.5	14.1	14.7	12.5	11.4	12.2
10	25.2	24.5	24.9	22.6	21.4	22.1	15.5	13.5	14.0	11.9	11.0	11.4
11	25.0	24.4	24.6	23.3	21.6	22.4	14.2	12.8	13.5	11.8	10.6	11.1
12	25.4	24.2	24.5	23.9	22.8	23.2	14.7	12.5	13.8	11.8	10.4	11.2
13	25.2	24.2	24.5	23.5	21.9	22.7	14.8	13.2	13.9	12.4	11.3	11.7
14	24.9	24.1	24.6	22.8	20.4	21.7	13.2	12.1	12.8	13.2	11.5	12.1
15	24.7	22.9	23.9	22.0	19.7	20.8	12.6	11.7	12.2	12.9	12.0	12.3
16	24.3	22.6	23.6	22.8	21.3	21.8	12.8	11.8	12.4	14.0	12.0	12.9
17	24.3	23.3	23.9	22.3	21.9	22.1	12.0	11.5	11.7	14.0	12.6	13.2
18	24.7	23.0	23.8	22.4	21.6	22.0	12.0	11.1	11.6	13.7	12.7	13.1
19	24.7	22.4	23.7	21.6	20.5	20.9	12.0	11.2	11.5	14.4	13.7	14.2
20	25.1	23.3	24.1	21.2	20.1	20.6	12.4	10.2	11.5	14.2	13.4	13.8
21	24.4	23.5	24.1	20.5	19.6	20.2	13.0	10.3	11.8	13.4	12.4	12.9
22	24.5	23.6	24.0	20.6	19.8	20.1	13.5	12.1	12.6	12.4	11.6	12.0
23	25.1	23.9	24.1	20.6	19.5	20.2	13.5	12.0	12.9	12.2	11.5	11.6
24	25.2	24.4	24.7	19.5	18.0	18.7	12.6	11.7	12.2	13.2	11.4	11.8
25	25.0	24.4	24.7	18.8	16.8	17.8	12.5	11.9	12.2	13.4	12.4	12.9
26	24.6	23.2	23.9	18.1	16.6	17.5	12.8	11.6	12.2	14.9	12.7	14.0
27	23.8	21.8	22.5	18.7	17.7	18.2	14.3	12.4	12.9	14.9	14.1	14.6
28	23.9	20.7	22.5	17.7	16.6	17.1	14.5	12.7	13.3	14.1	13.0	13.5
29	23.4	21.8	22.6	16.8	15.3	16.3	14.9	12.3	13.2	13.0	12.0	12.3
30	23.4	21.7	22.6	16.4	15.2	15.8	12.9	11.9	12.3	12.0	11.6	11.8
31	24.6	22.4	23.3	---	---	---	12.8	11.4	12.1	11.6	11.0	11.3
MONTH	26.7	20.7	24.4	25.0	15.2	21.1	16.4	10.2	13.2	16.0	10.4	12.7
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	10.8	10.9	16.4	13.6	14.6	21.4	20.0	20.5	23.5	21.9	22.7
2	11.3	10.7	11.0	16.6	14.2	15.2	22.1	20.5	21.2	21.9	21.2	21.6
3	11.3	11.0	11.1	17.4	15.1	16.2	22.2	20.5	21.2	21.7	20.9	21.3
4	11.3	10.7	10.8	17.5	16.0	17.0	23.1	20.7	21.6	22.4	20.5	21.2
5	11.5	10.9	11.2	17.7	16.7	17.1	21.6	20.4	20.9	22.9	21.3	21.7
6	12.2	11.5	11.9	17.8	16.7	17.3	21.2	20.1	20.7	24.3	21.2	22.5
7	12.2	11.5	11.9	19.0	17.4	18.0	22.0	20.2	20.9	25.7	21.5	23.5
8	11.5	11.0	11.3	19.1	17.8	18.3	22.5	20.7	21.2	25.4	21.9	23.5
9	11.1	10.7	10.9	18.7	17.9	18.3	22.7	20.9	21.6	25.6	22.0	23.9
10	11.4	11.0	11.2	19.2	17.5	18.2	23.6	21.6	22.5	25.5	22.2	23.8
11	11.6	11.3	11.4	19.7	17.7	18.4	23.1	21.1	22.0	25.5	23.1	24.4
12	11.8	11.3	11.6	19.5	17.8	18.4	21.1	20.0	20.7	24.3	21.9	22.6
13	11.3	10.6	10.9	18.8	17.6	17.9	20.9	19.0	19.9	22.3	21.8	22.1
14	10.6	9.8	10.2	17.9	17.6	17.7	21.1	19.2	20.2	22.4	22.2	22.3
15	9.8	9.3	9.6	18.5	17.4	17.8	21.4	19.8	20.5	22.2	21.8	22.0
16	10.0	9.5	9.7	18.9	17.5	18.0	21.9	20.3	20.9	22.1	21.8	21.9
17	10.2	9.7	9.9	19.7	17.5	18.5	22.8	20.6	21.3	21.9	21.5	21.7
18	10.5	10.0	10.2	20.9	18.2	19.1	22.2	21.0	21.5	22.4	21.6	21.9
19	10.9	10.4	10.6	21.7	18.6	19.5	22.9	21.3	22.1	22.5	21.8	22.1
20	11.9	10.9	11.5	22.5	18.9	19.9	23.0	21.3	21.9	22.9	22.0	22.4
21	12.6	11.9	12.3	20.2	19.1	19.7	23.4	21.6	22.5	23.3	22.5	22.9
22	13.6	12.5	13.0	20.0	18.2	19.1	24.2	22.3	23.3	23.7	23.1	23.4
23	13.6	13.2	13.4	19.6	18.3	18.9	24.6	22.7	23.9	24.3	23.7	23.9
24	14.0	13.6	13.8	19.6	18.6	19.2	23.8	22.2	22.9	25.9	24.1	24.7
25	13.9	13.6	13.8	20.2	19.3	19.7	22.2	21.9	22.1	26.5	24.4	25.1
26	14.1	13.4	13.6	21.4	19.6	20.5	23.1	21.8	22.3	26.5	24.8	25.4
27	14.9	13.0	13.6	21.5	20.1	20.9	23.1	21.8	22.3	26.9	24.9	25.6
28	13.9	12.9	13.4	22.5	20.8	21.4	23.3	22.0	22.5	27.2	25.3	26.0
29	14.1	13.3	13.6	21.6	20.2	20.8	24.1	22.2	22.9	27.4	25.5	26.4
30	---	---	---	20.7	19.8	20.2	24.4	22.4	23.1	27.6	26.3	26.9
31	---	---	---	20.8	19.4	20.1	---	---	---	27.8	26.7	27.0
MONTH	14.9	9.3	11.7	22.5	13.6	18.6	24.6	19.0	21.7	27.8	20.5	23.4

CALCASIEU RIVER BASIN

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.7	26.8	27.5	25.2	25.0	25.1	32.3	30.2	31.0	36.0	33.5	34.7
2	29.3	27.6	28.4	25.7	25.1	25.4	31.8	30.2	30.8	35.1	33.4	34.6
3	28.9	27.2	28.0	26.7	25.6	26.0	32.2	30.1	30.7	35.0	34.3	34.7
4	28.5	27.5	28.0	27.9	26.1	26.9	31.9	29.9	30.7	35.1	33.6	34.5
5	29.1	27.8	28.3	29.3	26.6	27.5	32.1	30.2	30.9	36.0	34.2	34.7
6	29.4	27.4	28.2	29.1	26.9	27.6	31.5	29.8	30.7	36.2	34.7	35.0
7	29.6	28.0	28.8	28.3	27.0	27.3	31.4	29.6	30.5	35.5	34.4	34.9
8	29.0	28.6	28.8	29.8	27.0	27.6	32.0	29.6	30.8	35.1	33.4	34.3
9	29.2	28.3	28.7	28.4	26.7	27.1	---	---	---	34.9	33.7	34.3
10	29.8	28.4	28.9	27.7	26.6	26.9	---	---	---	35.1	33.5	34.5
11	30.8	28.6	29.5	28.1	26.7	27.4	33.9	31.3	32.1	34.9	33.9	34.5
12	31.5	29.2	29.8	28.2	26.7	27.3	33.4	32.2	32.8	34.9	34.4	34.6
13	31.3	29.6	30.2	28.7	27.0	27.7	33.7	31.9	33.0	35.2	33.6	34.4
14	30.8	28.9	29.6	29.3	27.5	27.9	34.1	32.5	33.2	34.7	33.8	34.1
15	30.1	29.0	29.4	31.1	28.0	28.6	34.2	33.1	33.8	34.6	33.5	33.9
16	29.6	27.7	28.7	31.1	28.2	29.1	34.6	33.3	33.9	35.2	33.8	34.2
17	28.6	27.7	27.9	30.0	28.6	29.2	34.7	32.9	34.1	36.2	34.2	34.5
18	29.0	27.0	27.7	30.3	28.9	29.4	35.0	33.1	34.3	35.6	33.9	34.7
19	28.5	26.8	27.3	30.9	28.9	29.6	35.3	34.4	34.9	35.0	33.2	34.4
20	29.2	26.8	27.4	31.1	29.0	30.0	35.3	34.5	34.9	34.4	33.1	34.0
21	28.8	26.8	27.6	31.6	29.4	30.2	35.1	34.2	34.8	34.0	32.2	33.0
22	29.1	26.9	28.0	31.4	29.7	30.5	36.1	34.8	35.2	34.0	33.0	33.5
23	27.4	26.8	27.0	32.0	29.7	30.4	35.6	33.8	34.9	34.0	32.8	33.5
24	26.9	25.5	26.4	32.5	29.5	30.7	35.9	34.5	34.9	33.3	32.8	33.0
25	25.5	24.1	24.5	33.1	29.7	31.2	35.9	34.6	35.2	33.4	32.7	33.1
26	24.1	23.7	23.8	31.5	28.8	29.9	36.1	34.8	35.3	33.4	32.5	33.0
27	24.2	23.5	23.8	31.1	29.1	30.0	36.5	35.2	35.5	33.2	32.3	32.8
28	24.2	24.0	24.1	31.2	29.1	30.1	35.9	35.2	35.4	32.9	32.0	32.6
29	24.7	24.0	24.3	31.3	29.8	30.1	35.4	34.7	35.2	33.3	31.7	32.6
30	25.2	24.5	24.8	30.6	29.4	29.9	36.1	34.2	35.2	32.9	31.1	32.2
31	---	---	---	31.4	29.5	30.1	35.8	34.0	34.9	---	---	---
MONTH	31.5	23.5	27.5	33.1	25.0	28.6	---	---	---	36.2	31.1	34.0

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA

LOCATION.--Lat 30°01'55", long 93°17'58", T. 12 S., R. 9 W., Calcasieu Parish, Hydrologic Unit 08080206, on a wellhead platform in the north end of Calcasieu Lake, 4.0 miles north, northeast of Hackberry.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1992 to September 1993, October 1997 to current year

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.49 ft, Sep. 12, 1998; minimum gage height, -2.00 ft, Jan. 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.04 ft, Nov. 18; minimum gage height, -1.49 ft, Nov. 28.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.14	0.74	1.56	2.09	0.88	1.54	1.17	0.22	0.68	1.62	0.84	1.33
2	1.86	0.76	1.40	2.12	1.19	1.77	1.06	0.26	0.62	1.52	0.61	1.19
3	2.24	1.01	1.74	1.98	1.11	1.58	1.53	0.77	1.21	1.63	0.56	1.19
4	2.19	0.90	1.62	1.78	1.14	1.51	1.35	0.30	0.80	1.94	0.76	1.38
5	2.03	0.86	1.55	1.66	1.05	1.40	0.88	-0.37	0.31	1.94	0.00	0.67
6	1.90	0.87	1.53	1.78	1.04	1.39	0.81	-0.76	-0.04	0.49	-1.16	-0.34
7	2.00	0.92	1.57	1.36	0.50	0.98	1.51	0.02	0.76	1.60	0.04	0.72
8	1.88	1.20	1.57	1.45	0.26	0.88	1.65	0.40	1.12	1.95	0.94	1.53
9	2.38	1.28	1.90	1.38	0.44	1.00	1.79	0.64	1.32	1.88	0.11	0.83
10	2.27	1.49	1.92	2.08	0.71	1.36	1.42	-1.19	-0.11	0.89	-0.46	0.22
11	1.81	0.98	1.50	2.27	1.08	1.73	1.16	-0.53	0.16	1.30	0.37	0.89
12	1.97	0.99	1.55	2.08	0.68	1.41	1.75	0.27	1.01	1.25	0.41	0.90
13	2.22	1.26	1.73	1.78	-0.28	0.72	2.15	0.42	1.22	1.25	0.34	0.75
14	2.22	0.75	1.49	2.06	0.93	1.39	1.30	0.00	0.57	1.27	0.49	0.82
15	2.25	1.22	1.56	2.28	1.02	1.72	1.93	1.02	1.45	1.27	0.59	0.94
16	2.38	1.28	1.82	2.29	0.95	1.68	2.02	-0.36	0.77	2.01	0.35	1.15
17	2.23	0.60	1.47	2.51	1.39	1.83	0.52	-0.93	-0.37	2.14	1.17	1.76
18	1.39	0.67	1.06	3.04	0.78	2.20	0.60	-0.10	0.18	2.14	0.69	1.26
19	1.83	0.90	1.46	0.78	-0.99	-0.31	0.44	-0.77	-0.07	0.74	-0.81	-0.01
20	1.97	0.81	1.50	1.55	0.03	0.79	0.88	-0.66	0.12	1.25	-0.30	0.57
21	1.72	0.80	1.35	1.77	0.96	1.39	---	---	---	1.19	-0.17	0.68
22	1.58	0.63	1.13	1.86	0.55	1.26	---	---	---	1.27	-0.23	0.62
23	1.42	0.64	1.07	2.21	0.61	1.55	---	---	---	1.16	-0.11	0.69
24	1.73	0.84	1.29	0.63	-1.19	-0.22	---	---	---	1.75	0.47	1.10
25	1.81	0.79	1.40	1.95	0.30	1.05	1.42	0.05	0.81	2.39	1.15	1.71
26	1.69	0.23	0.95	2.46	0.85	1.70	1.74	0.39	1.13	1.48	0.88	1.13
27	1.54	-0.11	0.63	2.59	0.71	1.79	1.68	0.66	1.28	0.96	-0.87	-0.23
28	1.88	0.62	1.36	0.71	-1.49	-0.55	1.72	0.70	1.26	1.25	-0.46	0.41
29	1.92	0.46	1.26	1.16	-0.19	0.41	1.72	0.08	0.75	1.59	0.43	0.98
30	2.34	1.04	1.75	1.37	0.34	0.88	1.58	0.01	0.68	1.65	0.71	1.12
31	2.21	0.77	1.54	---	---	---	1.66	0.92	1.28	1.76	0.42	1.12
MONTH	2.38	-0.11	1.46	3.04	-1.49	1.19	---	---	---	2.39	-1.16	0.87

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.17	0.98	1.68	2.01	0.77	1.39	1.42	0.13	0.82	2.31	0.84	1.70
2	2.09	1.01	1.57	1.82	0.52	1.27	1.27	0.16	0.83	1.49	0.23	0.72
3	1.43	0.02	0.86	2.05	0.81	1.46	1.29	0.33	0.84	1.29	0.19	0.85
4	2.79	0.77	1.58	2.59	1.41	2.03	1.26	0.35	0.79	1.35	0.17	0.91
5	2.83	1.32	2.04	2.30	1.30	1.85	1.42	0.39	0.93	1.54	0.30	1.05
6	1.73	0.25	0.91	1.89	0.71	1.29	1.99	0.71	1.45	1.58	0.19	1.08
7	0.67	-0.35	0.26	1.37	0.38	0.90	1.88	0.85	1.39	1.74	0.21	1.16
8	1.46	0.19	0.74	0.94	-0.23	0.33	1.21	0.28	0.81	1.88	0.35	1.27
9	1.61	0.80	1.26	0.83	-0.28	0.39	1.48	-0.23	0.79	1.94	0.58	1.37
10	1.27	0.40	0.84	1.26	-0.58	0.45	1.54	0.17	1.00	2.02	0.69	1.48
11	1.92	0.66	1.48	0.90	0.15	0.63	1.32	-0.38	0.71	2.46	0.97	1.74
12	1.67	0.43	0.74	1.07	-0.12	0.62	1.06	-0.17	0.54	2.78	1.95	2.39
13	1.40	0.14	0.82	1.51	-0.16	0.78	-0.02	-1.11	-0.51	2.93	2.08	2.43
14	1.71	0.50	1.10	1.60	0.12	0.95	0.39	-1.12	-0.30	2.36	1.32	1.88
15	0.82	-0.59	0.21	1.75	0.31	1.12	0.75	-0.34	0.29	2.09	1.22	1.63
16	1.34	-0.12	0.63	1.50	0.13	0.95	0.95	0.14	0.61	2.14	1.22	1.82
17	1.22	-0.01	0.77	1.59	0.27	1.01	1.02	0.27	0.66	2.63	1.46	2.14
18	1.26	0.03	0.76	1.81	0.60	1.28	1.24	0.27	0.95	2.58	1.46	2.12
19	1.57	0.37	1.06	1.58	0.55	1.13	1.65	0.50	1.14	2.72	1.48	2.26
20	1.79	0.64	1.26	1.59	0.70	1.12	1.61	0.39	1.21	2.65	1.60	2.22
21	1.32	0.15	0.84	1.27	0.15	0.67	2.01	0.58	1.55	2.43	1.49	2.00
22	1.74	0.86	1.34	1.28	0.15	0.78	2.37	1.21	1.88	2.50	1.43	2.09
23	1.87	1.14	1.51	1.95	0.64	1.50	2.31	1.10	1.80	2.66	1.54	2.15
24	1.73	1.14	1.43	2.08	1.18	1.68	2.48	1.06	1.67	2.46	1.46	2.03
25	1.74	0.12	1.16	2.29	0.93	1.70	1.73	0.63	1.13	2.50	1.55	2.03
26	0.70	-0.35	0.17	1.97	0.90	1.56	1.05	0.40	0.76	2.30	1.32	1.84
27	1.06	0.01	0.67	2.27	1.03	1.71	1.12	0.01	0.62	2.16	1.53	1.80
28	1.58	0.25	0.98	2.08	1.02	1.62	1.85	0.33	1.13	2.15	1.25	1.67
29	2.08	0.81	1.55	1.58	0.77	1.13	2.03	1.15	1.58	2.17	1.48	1.79
30	---	---	---	1.74	0.24	0.97	2.13	0.83	1.42	2.99	1.80	2.45
31	---	---	---	1.15	0.09	0.70	---	---	---	2.90	1.14	2.11
MONTH	2.83	-0.59	1.04	2.59	-0.58	1.13	2.48	-1.12	0.95	2.99	0.17	1.75
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.35	0.85	1.79	2.32	0.73	1.68	1.53	0.01	1.03	1.28	0.43	0.89
2	2.06	0.85	1.59	2.22	0.73	1.68	1.29	0.21	0.82	1.28	0.47	0.87
3	2.15	0.20	1.45	2.14	0.77	1.63	1.14	0.14	0.62	1.36	0.52	0.98
4	1.67	0.40	1.12	1.97	0.75	1.50	0.85	0.04	0.49	1.60	0.32	1.11
5	1.58	-0.09	0.93	1.99	0.76	1.51	0.74	-0.16	0.33	1.52	0.16	0.91
6	1.72	0.22	1.14	1.84	0.84	1.40	0.74	-0.50	0.07	1.06	-0.38	0.43
7	1.91	0.60	1.36	1.54	0.77	1.23	1.08	-0.01	0.56	0.65	-0.67	0.09
8	2.30	0.86	1.71	1.60	0.91	1.25	1.37	0.21	0.93	0.72	-0.55	0.11
9	2.17	1.15	1.71	1.84	1.11	1.39	1.66	0.11	1.01	1.39	-0.25	0.72
10	2.07	1.41	1.70	1.66	0.80	1.31	1.40	-0.04	0.72	1.34	-0.11	0.77
11	2.02	1.14	1.67	1.68	0.68	1.33	1.28	-0.16	0.70	1.12	-0.11	0.63
12	1.96	0.93	1.51	1.62	0.38	1.14	1.04	-0.20	0.45	1.50	0.03	1.00
13	1.87	0.66	1.53	1.42	0.24	0.95	1.69	-0.16	1.06	1.65	0.59	1.29
14	1.83	0.69	1.43	1.27	-0.12	0.63	1.97	0.58	1.41	1.93	1.00	1.61
15	2.04	0.72	1.50	1.20	-0.16	0.61	2.22	0.76	1.63	1.98	1.29	1.66
16	2.59	0.72	1.79	1.10	-0.18	0.55	2.15	0.99	1.75	2.04	1.10	1.58
17	2.23	1.01	1.73	1.05	-0.23	0.50	1.87	0.97	1.47	2.13	1.02	1.61
18	1.86	0.75	1.47	0.65	-0.65	0.00	1.70	0.89	1.38	1.47	0.24	0.94
19	1.71	0.61	1.22	0.87	-0.85	0.28	1.93	1.16	1.55	1.29	-0.14	0.67
20	1.63	0.37	1.16	1.26	0.07	0.73	2.00	1.30	1.57	2.00	0.66	1.42
21	1.78	0.34	1.29	1.45	0.22	0.83	1.73	0.60	1.16	2.59	1.14	1.96
22	2.05	0.91	1.50	1.19	0.39	0.72	1.86	0.59	1.26	2.92	1.29	2.21
23	1.68	0.75	1.27	1.01	0.09	0.55	2.07	0.51	1.36	2.55	0.67	1.78
24	2.27	1.03	1.52	0.97	0.16	0.54	2.09	0.51	1.38	2.22	1.01	1.76
25	1.87	1.00	1.36	0.98	-0.15	0.60	2.00	0.40	1.30	1.98	0.61	1.54
26	1.69	1.08	1.36	1.26	-0.18	0.67	1.89	0.32	1.24	1.38	0.43	1.07
27	2.11	1.13	1.68	1.42	-0.12	0.73	1.66	0.11	1.07	1.52	0.38	1.07
28	1.99	0.94	1.57	1.54	-0.05	0.91	1.41	0.11	0.90	1.04	0.46	0.76
29	2.02	0.80	1.58	1.55	-0.02	0.93	1.41	0.10	0.87	0.94	0.05	0.54
30	2.12	0.75	1.64	1.49	-0.02	0.90	1.52	0.25	0.95	1.34	0.09	0.69
31	---	---	---	1.35	-0.06	0.85	1.47	0.45	0.99	---	---	---
MONTH	2.59	-0.09	1.48	2.32	-0.85	0.95	2.22	-0.50	1.03	2.92	-0.67	1.09

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1992 to September 1993, July 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to September 1993, July 1997 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: July 1992 to September 1993, July 1997 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for Mar. 22-23, April 6-May 5, July 19-29, and Sept. 12-30 when records good, May 6-26 and July 30-Aug. 5 when records fair, May 27-June 1 and Aug 6-25 when records poor.

SALINITY: Records excellent except for Mar. 22-23, April 6-May 5, July 19-29, and Sept. 12-30 when records good, May 6-26 and July 30-Aug. 5 when records fair, May 27-June 1 and Aug 6-25 when records poor.

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 48,400 microsiemens/cm, Sept. 8-9, 2000; minimum, 110 microsiemens/cm, Nov. 10, 2002.

SALINITY: Maximum, 24.4 ppt, Sept. 23, 2004; minimum, 0.1 ppt, many times.

WATER TEMPERATURE: Maximum, 34.1°C, June 18, 2004; minimum, 4.5°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 38,500 microsiemens/cm, Sept. 23; minimum, 179 microsiemens/cm, Feb. 20.

SALINITY: Maximum, 24.4 ppt, Sept. 23; minimum, 0.1 ppt, on several days.

WATER TEMPERATURE: Maximum, 34.1°C, June 18; minimum, 9.2°C, Jan. 8, Feb. 16.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	25,700	22,400	24,200	29,200	25,200	26,800	24,900	21,300	23,000	26,800	25,100	26,100
2	25,800	23,200	24,600	29,900	26,600	28,200	22,400	18,500	20,700	26,900	23,500	25,400
3	26,200	23,900	24,800	29,800	27,500	28,800	20,900	19,300	20,000	25,100	20,700	22,800
4	25,600	24,700	25,200	29,400	28,900	29,200	22,800	20,200	21,600	26,300	22,700	24,600
5	25,500	24,100	24,900	29,400	28,900	29,200	23,500	18,200	21,100	22,800	14,600	18,300
6	24,700	23,400	24,300	29,400	28,800	29,100	24,200	19,400	21,400	20,300	12,300	15,800
7	24,200	23,800	24,000	30,600	28,900	29,600	24,700	20,700	22,500	22,500	18,800	21,000
8	25,000	23,800	24,200	31,000	29,000	30,100	23,300	21,500	22,500	21,900	16,700	19,400
9	24,800	23,900	24,500	31,600	29,000	30,600	24,300	22,600	23,300	23,300	18,100	21,600
10	26,000	24,300	25,100	32,400	30,000	31,200	27,700	20,200	24,000	19,400	17,100	18,100
11	25,500	21,100	24,200	33,500	31,000	32,000	25,300	19,600	23,500	23,600	14,800	19,300
12	24,000	21,100	21,900	33,700	31,400	32,500	29,800	23,800	26,900	20,500	18,100	19,700
13	23,400	20,300	21,600	34,200	31,700	32,600	31,200	26,000	28,400	20,300	18,900	19,500
14	21,800	17,800	20,500	36,200	31,100	33,700	28,000	25,700	26,900	19,600	18,300	18,900
15	21,200	16,600	19,300	35,900	33,200	34,500	27,500	24,600	26,400	18,800	17,100	18,000
16	23,800	19,900	21,900	35,400	33,900	34,300	27,300	20,800	24,700	17,900	17,100	17,400
17	22,800	21,000	22,100	34,000	32,400	33,300	20,800	18,500	19,300	19,200	17,200	17,900
18	22,300	18,300	21,000	32,600	31,500	31,900	19,800	17,000	18,200	19,800	14,400	18,400
19	24,000	21,500	22,400	33,400	25,800	28,400	20,300	15,000	17,800	14,400	10,300	11,800
20	23,900	22,000	23,000	29,600	27,000	28,800	21,400	19,600	20,400	14,700	11,300	13,900
21	23,800	21,800	23,000	31,400	29,100	30,000	---	---	---	17,400	11,200	14,800
22	23,200	21,600	22,200	31,400	30,000	30,600	---	---	---	15,700	11,200	13,700
23	22,400	20,700	21,800	30,400	29,000	29,700	---	---	---	14,200	10,900	13,000
24	21,600	19,900	20,700	29,000	21,300	24,000	---	---	---	13,700	11,700	12,500
25	21,000	19,900	20,400	28,000	21,300	26,100	28,300	24,400	26,300	13,100	12,300	12,700
26	25,000	20,400	22,900	28,600	24,700	26,500	30,300	25,700	28,100	13,000	6,040	10,400
27	27,600	21,700	25,400	28,600	25,800	26,900	29,600	28,600	29,100	8,470	4,960	6,250
28	27,400	24,200	25,800	29,000	20,300	24,100	29,000	27,600	28,100	9,590	5,080	6,830
29	27,800	25,200	26,300	25,900	19,900	23,500	30,300	26,800	28,300	10,700	7,860	9,680
30	26,600	24,900	25,500	25,500	23,700	24,600	28,200	24,800	26,500	10,800	5,620	8,680
31	28,800	24,800	26,200	---	---	---	27,500	24,000	26,200	7,950	4,190	5,830
MONTH	28,800	16,600	23,400	36,200	19,900	29,400	---	---	---	26,900	4,190	16,200

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12,300	5,890	10,300	7,000	6,260	6,700	12,100	9,810	11,200	18,700	15,400	17,400
2	9,500	6,910	8,140	7,550	6,470	6,920	12,700	11,400	12,100	16,800	9,980	13,200
3	7,360	4,040	5,970	6,810	6,080	6,570	12,600	11,100	11,800	12,600	8,730	11,200
4	12,100	5,620	9,860	7,140	6,090	6,760	12,600	11,300	11,900	11,100	8,840	10,000
5	11,000	8,200	9,710	8,420	5,840	7,020	15,800	11,600	12,400	10,900	9,370	10,000
6	9,630	4,750	7,330	7,170	4,420	6,080	17,400	14,600	15,900	11,200	9,270	10,100
7	5,880	3,020	4,090	5,270	3,870	4,760	20,000	15,500	18,100	11,300	9,420	10,400
8	4,660	2,770	3,760	5,020	3,470	4,110	21,400	16,500	19,700	10,500	8,810	9,850
9	7,300	2,710	5,750	6,470	3,720	4,940	18,700	16,500	18,000	10,600	9,310	10,000
10	7,050	2,360	4,050	10,200	3,620	5,360	17,200	16,300	16,800	11,000	8,960	10,400
11	9,060	2,700	4,940	11,200	7,040	8,760	22,800	15,800	18,700	13,800	10,700	12,400
12	8,390	3,170	4,930	7,900	5,800	7,040	23,600	20,900	22,500	16,300	12,800	13,800
13	3,980	1,770	2,600	9,680	6,820	8,580	21,900	17,300	18,900	16,700	8,710	14,700
14	3,980	1,020	2,020	14,100	9,010	11,900	19,800	16,400	18,400	9,560	1,570	4,350
15	1,620	619	937	13,300	9,910	12,300	18,500	17,000	17,600	1,580	837	1,110
16	1,280	339	534	11,600	8,360	10,700	18,100	17,100	17,500	1,800	493	937
17	1,200	410	635	11,300	8,020	9,810	17,800	17,300	17,600	508	292	416
18	1,440	591	891	10,900	9,560	10,100	18,600	17,400	18,100	374	238	298
19	987	597	760	10,800	9,440	10,400	20,900	18,500	20,000	270	202	244
20	1,760	179	1,000	10,400	9,420	9,920	20,800	19,400	20,100	314	202	233
21	1,580	653	960	9,930	6,310	8,520	21,500	19,400	20,200	359	203	245
22	2,850	911	2,020	12,200	7,500	9,930	25,900	20,800	23,200	2,260	215	624
23	5,090	1,960	3,150	14,000	12,200	13,000	28,300	24,600	25,900	2,260	278	716
24	5,000	1,640	3,440	13,900	11,700	12,900	29,700	23,700	27,700	1,460	282	496
25	7,410	3,230	4,570	13,200	11,700	12,800	26,200	18,700	22,800	1,570	422	808
26	7,510	3,630	5,250	13,700	11,700	13,000	18,700	14,600	16,600	1,320	851	1,080
27	7,710	5,910	6,910	16,000	13,500	15,000	16,800	13,200	15,800	1,550	800	1,280
28	8,850	5,910	7,870	17,000	15,000	16,300	17,400	16,000	16,800	1,120	561	721
29	8,330	6,390	7,430	18,300	11,300	15,500	17,300	15,700	16,200	1,550	600	977
30	---	---	---	11,700	9,110	10,800	18,300	16,700	17,600	3,080	1,390	1,930
31	---	---	---	11,800	8,570	10,700	---	---	---	4,410	1,870	2,860
MONTH	12,300	179	4,480	18,300	3,470	9,590	29,700	9,810	18,000	18,700	202	5,570
	JUNE			JULY			AUGUST			SEPTEMBER		
1	4,070	1,770	2,800	706	197	338	26,800	24,200	25,000	27,800	25,100	27,200
2	3,710	1,510	2,320	387	230	271	26,000	24,400	25,100	27,500	24,500	26,800
3	2,870	1,400	2,040	365	284	333	26,000	24,500	25,100	27,400	25,300	26,500
4	5,460	2,340	3,320	576	295	371	25,200	24,100	24,400	27,900	25,800	27,000
5	6,600	4,030	5,020	851	378	526	24,400	22,700	23,900	28,100	26,600	27,500
6	7,550	6,170	6,680	1,160	572	823	22,900	18,500	20,300	28,500	26,000	27,100
7	---	---	---	913	706	811	24,000	19,600	21,900	28,200	24,200	26,800
8	---	---	---	769	621	716	25,700	22,700	24,000	27,700	22,900	26,200
9	7,220	5,220	6,460	1,690	719	1,160	28,700	23,100	25,000	28,300	25,100	26,800
10	9,630	7,120	8,600	2,600	879	1,390	27,800	25,100	26,300	30,600	26,800	29,300
11	9,720	8,670	8,810	2,030	1,440	3,110	28,200	25,100	26,100	30,900	29,500	30,400
12	8,910	7,160	7,990	---	---	---	29,800	23,100	26,800	31,200	29,100	30,500
13	9,910	7,330	8,510	---	---	---	30,000	23,800	27,600	32,100	30,700	31,400
14	9,440	6,660	7,900	---	---	---	32,000	27,500	29,600	32,100	31,600	31,800
15	10,700	8,890	9,400	8,090	3,590	4,940	32,000	29,100	30,500	33,000	31,800	32,300
16	10,800	8,920	9,480	7,940	5,150	6,210	31,700	28,900	30,900	35,300	31,800	34,700
17	10,100	8,660	9,200	7,540	5,160	6,370	32,100	29,600	31,500	35,100	34,400	34,800
18	9,070	6,700	8,180	7,540	5,830	6,690	33,400	29,100	31,400	35,200	33,700	34,600
19	6,770	5,020	5,880	15,100	5,900	9,590	33,400	30,600	31,500	34,500	33,100	33,800
20	6,860	4,870	5,740	18,700	13,900	15,800	33,100	29,100	31,000	34,800	32,800	33,900
21	7,800	5,540	6,940	16,800	12,600	14,600	30,400	28,200	29,200	36,100	33,200	34,300
22	6,740	5,540	6,220	14,600	12,200	13,500	30,000	26,100	28,500	37,000	34,500	35,300
23	6,450	3,850	5,360	14,300	13,100	14,000	30,200	25,900	28,100	38,500	34,900	36,200
24	5,620	4,350	4,890	14,600	13,000	13,700	30,900	28,200	30,100	36,800	34,400	35,800
25	4,490	2,170	3,460	21,100	13,300	16,200	30,500	28,200	29,600	35,400	34,400	34,800
26	2,340	644	1,420	26,000	17,800	20,600	30,000	27,000	28,700	35,100	33,100	34,200
27	721	412	598	28,400	20,300	24,100	32,500	27,500	30,300	35,200	32,800	34,100
28	487	228	384	28,800	25,400	26,800	32,800	27,200	30,300	35,300	33,500	34,600
29	300	202	256	28,800	25,300	26,300	30,300	25,300	28,200	33,900	32,200	33,100
30	426	197	275	26,400	23,600	25,000	27,400	24,900	27,100	32,500	30,600	31,600
31	---	---	---	27,000	23,900	25,300	27,500	26,600	27,100	---	---	---
MONTH	---	---	---	---	---	---	33,400	18,500	27,600	38,500	22,900	31,400

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15.7	13.5	14.6	18.0	15.3	16.4	15.1	12.8	13.9	16.4	15.3	15.9
2	15.8	14.0	14.9	18.5	16.3	17.4	13.5	10.9	12.3	16.4	14.2	15.5
3	16.0	14.5	15.1	18.4	16.9	17.7	12.5	11.5	11.9	15.3	12.4	13.8
4	15.6	15.0	15.3	18.1	17.8	18.0	13.7	12.0	13.0	16.1	13.7	15.0
5	15.5	14.6	15.1	18.1	17.8	18.0	14.2	10.7	12.7	13.7	8.5	10.8
6	15.0	14.2	14.8	18.1	17.7	17.9	14.7	11.5	12.8	12.1	7.0	9.2
7	14.7	14.4	14.6	19.0	17.8	18.3	15.0	12.4	13.6	13.5	11.1	12.6
8	15.2	14.4	14.7	19.2	17.9	18.6	14.1	12.9	13.6	13.2	9.8	11.5
9	15.0	14.5	14.8	19.6	17.9	19.0	14.7	13.6	14.1	14.1	10.7	13.0
10	15.9	14.7	15.2	20.2	18.6	19.4	17.0	12.0	14.6	11.5	10.1	10.7
11	15.5	12.6	14.6	20.9	19.2	19.9	15.4	11.7	14.2	14.3	8.6	11.5
12	14.5	12.6	13.2	21.1	19.5	20.3	18.4	14.4	16.5	12.2	10.7	11.7
13	14.2	12.1	13.0	21.5	19.7	20.4	19.4	15.9	17.5	12.1	11.2	11.6
14	13.1	10.5	12.2	22.8	19.3	21.1	17.2	15.7	16.5	11.7	10.8	11.2
15	12.7	9.7	11.5	22.6	20.7	21.7	16.9	14.9	16.2	11.1	10.1	10.6
16	14.4	11.8	13.1	22.3	21.2	21.5	16.7	12.4	15.0	10.5	10.1	10.3
17	13.7	12.6	13.3	21.3	20.2	20.8	12.4	10.9	11.5	11.4	10.1	10.6
18	13.4	10.8	12.6	20.4	19.6	19.9	11.8	10.0	10.7	11.8	8.3	10.9
19	14.5	12.9	13.5	20.9	15.8	17.5	12.1	8.7	10.5	8.3	5.8	6.7
20	14.5	13.2	13.9	18.3	16.5	17.7	12.9	11.7	12.1	8.6	6.4	8.0
21	14.4	13.1	13.9	19.5	17.9	18.5	---	---	---	10.2	6.3	8.6
22	14.0	13.0	13.4	19.5	18.6	19.0	---	---	---	9.1	6.3	7.9
23	13.5	12.4	13.1	18.9	17.9	18.4	---	---	---	8.2	6.2	7.5
24	13.0	11.8	12.4	17.9	12.8	14.6	---	---	---	7.9	6.6	7.2
25	12.6	11.8	12.1	17.2	12.8	15.9	17.4	14.8	16.0	7.5	7.0	7.3
26	15.2	12.1	13.8	17.6	15.0	16.2	18.8	15.7	17.3	7.5	3.3	5.9
27	16.9	13.0	15.4	17.6	15.8	16.5	18.3	17.6	17.9	4.7	2.7	3.4
28	16.8	14.7	15.7	17.9	12.1	14.6	17.9	16.9	17.3	5.4	2.7	3.7
29	17.1	15.3	16.1	15.8	11.8	14.2	18.8	16.4	17.4	6.1	4.3	5.4
30	16.3	15.1	15.5	15.5	14.4	14.9	17.4	15.0	16.2	6.1	3.0	4.8
31	17.7	15.0	16.0	---	---	---	16.9	14.5	16.0	4.4	2.2	3.2
MONTH	17.7	9.7	14.1	22.8	11.8	18.1	---	---	---	16.4	2.2	9.5
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	3.2	5.8	3.8	3.4	3.7	6.9	5.5	6.3	11.1	9.0	10.2
2	5.3	3.8	4.5	4.2	3.5	3.8	7.3	6.5	6.9	9.9	5.6	7.6
3	4.0	2.1	3.2	3.7	3.3	3.6	7.2	6.3	6.7	7.2	4.9	6.4
4	6.9	3.0	5.5	3.9	3.3	3.7	7.2	6.4	6.8	6.3	4.9	5.7
5	6.2	4.5	5.5	4.7	3.2	3.8	9.2	6.6	7.1	6.2	5.2	5.6
6	5.4	2.5	4.0	3.9	2.4	3.3	10.2	8.5	9.3	6.3	5.2	5.7
7	3.2	1.6	2.2	2.8	2.0	2.5	11.9	9.0	10.7	6.4	5.3	5.9
8	2.5	1.4	2.0	2.7	1.8	2.2	12.9	9.7	11.7	6.0	4.9	5.5
9	4.0	1.4	3.1	3.5	2.0	2.6	11.1	9.7	10.6	6.0	5.2	5.7
10	3.9	1.2	2.1	5.8	1.9	2.9	10.1	9.5	9.8	6.2	5.0	5.9
11	5.1	1.4	2.7	6.3	3.9	4.9	13.7	9.2	11.1	7.9	6.1	7.1
12	4.7	1.6	2.6	4.4	3.1	3.9	14.3	12.5	13.6	9.5	7.4	8.0
13	2.1	0.9	1.3	5.4	3.7	4.8	13.2	10.2	11.2	9.8	4.8	8.5
14	2.1	0.5	1.0	8.1	5.0	6.8	11.8	9.6	10.9	5.4	0.8	2.3
15	0.8	0.3	0.5	7.6	5.6	7.1	10.9	10.0	10.3	0.8	0.4	0.5
16	0.6	0.2	0.3	6.6	4.6	6.0	10.7	10.1	10.3	0.9	0.2	0.5
17	0.6	0.2	0.3	6.4	4.4	5.5	10.5	10.2	10.4	0.3	0.1	0.2
18	0.7	0.3	0.4	6.2	5.4	5.7	11.0	10.2	10.7	0.2	0.1	0.2
19	0.5	0.3	0.4	6.1	5.3	5.9	12.5	10.9	11.9	0.1	0.1	0.1
20	0.9	0.1	0.5	5.9	5.3	5.6	12.4	11.5	12.0	0.2	0.1	0.1
21	0.8	0.3	0.5	5.6	3.4	4.7	12.9	11.5	12.0	0.2	0.1	0.1
22	1.5	0.4	1.0	7.0	4.1	5.6	15.8	12.4	14.0	1.2	0.1	0.3
23	2.7	1.0	1.6	8.1	7.0	7.5	17.4	14.9	15.8	1.2	0.1	0.4
24	2.7	0.8	1.8	8.0	6.6	7.4	18.4	14.4	17.0	0.7	0.1	0.2
25	4.1	1.7	2.4	7.6	6.6	7.3	16.0	11.1	13.7	0.8	0.2	0.4
26	4.1	1.9	2.8	7.9	6.6	7.5	11.1	8.5	9.7	0.7	0.4	0.5
27	4.3	3.2	3.8	9.3	7.8	8.7	9.9	7.6	9.2	0.8	0.4	0.6
28	4.9	3.2	4.4	10.0	8.7	9.5	10.2	9.3	9.8	0.6	0.3	0.4
29	4.6	3.5	4.1	10.8	6.4	9.0	10.2	9.1	9.5	0.8	0.3	0.5
30	---	---	---	6.6	5.1	6.1	10.8	9.8	10.4	1.6	0.7	1.0
31	---	---	---	6.7	4.8	6.0	---	---	---	2.3	0.9	1.5
MONTH	7.0	0.1	2.4	10.8	1.8	5.4	18.4	5.5	10.6	11.1	0.1	3.1

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.2	0.9	1.4	0.3	0.1	0.2	16.4	14.7	15.2	17.1	15.3	16.6
2	2.0	0.8	1.2	0.2	0.1	0.1	15.9	14.8	15.2	16.9	14.8	16.3
3	1.5	0.7	1.0	0.2	0.1	0.2	15.9	14.8	15.3	16.8	15.4	16.2
4	2.9	1.2	1.7	0.3	0.1	0.2	15.3	14.6	14.8	17.2	15.8	16.5
5	3.6	2.1	2.7	0.4	0.2	0.3	14.8	13.7	14.5	17.3	16.3	16.9
6	---	---	---	0.6	0.3	0.4	13.8	10.9	12.1	17.5	15.9	16.6
7	---	---	---	0.4	0.3	0.4	14.5	11.7	13.2	17.4	14.7	16.4
8	---	---	---	0.4	0.3	0.4	15.7	13.7	14.5	17.0	13.8	16.0
9	4.0	2.8	3.5	0.9	0.4	0.6	17.7	13.9	15.2	17.4	15.3	16.4
10	5.4	3.9	4.8	1.3	0.4	0.7	17.1	15.3	16.1	19.0	16.4	18.1
11	5.5	4.8	4.9	---	---	---	17.4	15.3	15.9	19.2	18.2	18.8
12	5.0	3.9	4.4	---	---	---	18.4	13.9	16.4	19.4	17.9	18.9
13	5.6	4.0	4.7	---	---	---	18.6	14.4	16.9	20.0	19.0	19.5
14	5.3	3.6	4.4	---	---	---	19.9	16.9	18.3	20.0	19.6	19.8
15	6.1	5.0	5.3	4.5	1.9	2.7	19.9	17.9	18.9	20.6	19.8	20.2
16	6.1	5.0	5.3	4.4	2.8	3.4	19.7	17.8	19.2	22.2	19.8	21.8
17	5.7	4.8	5.1	4.2	2.8	3.5	20.0	18.3	19.6	22.1	21.6	21.9
18	5.1	3.7	4.5	4.2	3.2	3.7	20.9	17.9	19.5	22.1	21.1	21.7
19	3.7	2.7	3.2	8.8	3.2	5.4	20.9	19.0	19.6	21.7	20.7	21.1
20	3.8	2.6	3.1	11.1	8.0	9.2	20.7	17.9	19.2	21.9	20.5	21.3
21	4.3	3.0	3.8	9.9	7.2	8.5	18.9	17.4	18.0	22.8	20.7	21.5
22	3.7	3.0	3.4	8.5	7.0	7.8	18.6	15.9	17.6	23.4	21.7	22.2
23	3.5	2.0	2.9	8.3	7.5	8.1	18.7	15.8	17.3	24.4	21.9	22.8
24	3.0	2.3	2.6	8.5	7.5	7.9	19.2	17.4	18.7	23.3	21.6	22.5
25	2.4	1.1	1.8	12.6	7.6	9.5	18.9	17.4	18.3	22.3	21.6	21.9
26	1.2	0.3	0.7	15.9	10.5	12.3	18.6	16.5	17.7	22.1	20.7	21.4
27	0.4	0.2	0.3	17.5	12.1	14.6	20.3	16.9	18.7	22.1	20.5	21.4
28	0.2	0.1	0.2	17.7	15.5	16.4	20.5	16.6	18.8	22.2	20.9	21.7
29	0.2	0.1	0.1	17.7	15.4	16.1	18.8	15.4	17.3	21.2	20.1	20.7
30	0.2	0.1	0.1	16.1	14.3	15.2	16.8	15.1	16.6	20.3	19.0	19.7
31	---	---	---	16.5	14.5	15.4	16.9	16.3	16.6	---	---	---
MONTH	---	---	---	---	---	---	20.9	10.9	16.9	24.4	13.8	19.6

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.8	22.7	23.6	24.5	23.1	23.7	16.7	15.1	15.9	15.2	13.8	14.7
2	23.7	22.0	22.9	25.1	23.4	23.9	16.2	14.6	15.4	16.0	15.0	15.5
3	23.5	21.2	22.1	24.7	23.5	24.2	16.4	14.7	15.7	17.5	15.8	16.6
4	23.7	21.5	22.7	25.1	23.9	24.3	16.6	15.5	16.2	18.2	17.2	17.7
5	24.6	23.1	23.7	25.4	23.8	24.6	16.0	14.1	15.2	18.4	14.2	16.0
6	26.1	24.1	24.6	25.1	24.3	24.7	14.2	12.6	13.6	14.2	11.9	12.8
7	25.5	24.1	24.7	24.5	22.5	23.2	14.0	11.9	13.1	12.0	10.6	11.1
8	25.8	24.5	25.2	23.1	21.4	22.0	14.5	12.8	13.6	11.0	9.2	10.5
9	25.7	25.0	25.3	22.1	20.5	21.3	15.6	13.9	14.7	12.9	10.6	11.9
10	25.1	24.5	24.8	22.0	20.1	21.1	14.7	12.7	13.5	12.3	10.7	11.5
11	25.7	24.4	24.8	22.7	20.5	21.9	13.2	11.4	12.5	12.4	9.6	11.2
12	25.9	24.7	25.2	24.1	21.8	23.0	12.8	11.9	12.4	12.0	10.4	11.4
13	26.0	25.0	25.4	23.5	19.8	21.9	12.9	12.2	12.5	12.9	11.8	12.3
14	26.1	24.6	25.4	20.5	18.6	19.4	13.1	11.8	12.4	14.2	12.3	13.0
15	24.8	23.2	23.9	21.2	18.3	19.6	13.6	12.1	12.7	14.5	13.3	13.7
16	24.9	22.8	23.8	21.5	19.9	20.6	14.0	12.4	13.3	14.3	13.3	13.9
17	25.4	23.5	24.3	21.2	20.5	20.9	12.4	11.3	12.0	14.8	14.1	14.4
18	24.5	22.7	23.6	21.4	19.6	20.9	12.9	11.0	12.0	14.6	13.8	14.1
19	24.4	22.2	23.3	19.7	18.6	19.0	12.6	11.2	12.0	13.8	12.4	13.1
20	24.3	22.2	23.3	19.5	18.1	18.9	12.6	11.0	11.8	12.5	11.6	12.1
21	24.7	23.0	23.8	20.2	18.6	19.4	---	---	---	13.1	11.6	12.3
22	24.6	23.2	24.0	20.5	19.6	20.0	---	---	---	14.2	11.8	12.9
23	24.9	23.6	24.2	20.6	18.8	20.1	---	---	---	14.1	12.4	13.4
24	25.4	24.2	24.7	18.8	15.8	17.3	---	---	---	14.6	13.5	13.8
25	25.2	24.6	24.9	16.6	14.6	15.6	13.7	12.0	12.8	15.9	14.4	15.1
26	24.6	21.7	23.4	16.9	14.9	15.8	14.2	12.3	13.3	15.6	13.3	14.8
27	21.8	20.3	21.3	17.9	16.4	17.0	15.3	13.6	14.4	13.6	11.8	12.7
28	22.8	20.3	21.3	16.7	14.4	15.6	15.9	14.7	15.1	13.7	11.5	12.4
29	23.1	20.7	21.7	15.9	13.4	14.8	15.7	13.9	14.5	12.7	12.1	12.5
30	23.4	21.4	22.3	16.4	13.8	15.2	13.9	12.5	13.2	12.8	12.3	12.7
31	24.2	22.4	23.3	---	---	---	14.2	12.9	13.5	12.3	11.6	11.9
MONTH	26.1	20.3	23.8	25.4	13.4	20.3	---	---	---	18.4	9.2	13.3
FEBRUARY			MARCH			APRIL			MAY			
1	12.6	11.2	11.7	16.5	14.1	15.1	22.4	19.7	21.1	24.4	23.0	23.7
2	12.6	11.7	12.1	17.0	14.8	16.2	23.4	20.9	21.9	23.2	22.0	22.6
3	12.0	10.9	11.3	18.6	16.9	17.9	24.4	22.0	23.3	24.2	21.7	22.7
4	11.3	10.6	10.9	19.5	18.4	18.9	24.9	22.5	23.6	23.8	22.1	22.8
5	12.6	11.3	11.9	19.9	19.2	19.6	24.0	21.0	22.1	25.4	22.6	23.8
6	12.2	11.3	11.8	20.2	19.1	19.8	21.2	20.2	20.8	25.2	23.0	23.9
7	12.6	10.7	11.6	20.7	19.1	19.8	23.7	20.6	21.6	25.3	23.1	24.1
8	11.4	10.5	10.9	20.1	17.5	18.7	23.6	21.9	22.5	26.2	24.0	25.1
9	12.6	10.9	11.7	19.4	17.7	18.6	24.5	22.1	23.0	25.9	24.3	25.1
10	12.5	11.7	12.2	18.9	16.0	17.5	25.6	23.2	24.3	26.5	24.5	25.5
11	12.0	11.6	11.8	18.4	16.1	17.3	24.7	22.0	22.7	26.8	25.7	26.2
12	12.0	10.9	11.4	19.4	17.2	17.7	22.0	20.0	20.9	26.4	25.5	25.9
13	10.9	10.6	10.7	17.8	16.7	17.2	20.4	18.3	19.4	26.3	24.5	25.9
14	10.8	9.8	10.3	17.6	17.2	17.4	21.2	18.0	19.2	24.9	23.1	23.8
15	11.5	9.3	10.0	18.5	17.2	17.8	21.5	19.0	20.5	23.7	22.8	23.2
16	11.2	9.2	9.7	20.2	17.8	18.7	21.8	20.1	21.0	23.7	22.6	23.2
17	11.3	9.6	10.2	20.5	18.1	19.5	22.7	20.7	21.7	23.9	22.8	23.2
18	12.0	9.8	10.7	21.5	19.6	20.5	23.4	21.6	22.4	23.8	22.6	23.2
19	12.9	10.4	11.5	22.8	20.8	21.7	24.4	22.2	23.2	24.9	22.5	23.5
20	13.8	11.6	13.1	23.5	21.4	22.3	23.7	22.8	23.3	25.5	23.1	23.9
21	14.1	11.8	13.0	22.8	20.3	21.9	23.7	22.6	23.2	26.5	23.6	24.7
22	14.3	12.8	13.6	20.3	18.4	19.3	24.7	23.1	23.8	28.1	24.0	25.5
23	14.7	13.8	14.2	19.6	18.0	19.0	24.8	23.9	24.4	27.9	24.5	25.9
24	14.6	13.7	14.1	19.8	18.7	19.3	24.6	23.5	24.3	27.1	24.8	25.9
25	14.1	12.7	13.7	20.7	19.4	20.0	23.9	23.3	23.6	27.9	26.3	27.1
26	14.1	12.2	13.0	21.9	20.2	21.0	24.8	22.8	23.6	28.4	26.2	27.4
27	14.2	12.2	13.0	22.6	21.3	21.9	24.6	22.5	23.3	28.1	26.9	27.5
28	13.5	12.4	13.0	23.4	21.8	22.5	23.5	21.9	22.9	28.6	27.1	27.8
29	14.1	13.2	13.5	23.0	21.4	22.6	24.8	22.6	23.6	29.0	27.6	28.3
30	---	---	---	22.9	20.7	21.7	25.3	24.4	24.7	29.3	28.0	28.6
31	---	---	---	22.2	20.4	21.5	---	---	---	29.8	28.4	29.0
MONTH	14.7	9.2	12.0	23.5	14.1	19.4	25.6	18.0	22.5	29.8	21.7	25.1

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.3	29.1	29.7	29.9	29.1	29.5	31.9	30.5	31.0	30.3	28.1	29.1
2	30.3	28.9	29.6	31.2	29.2	30.1	32.7	30.5	31.3	29.5	28.2	28.9
3	30.3	28.6	29.1	31.6	29.6	30.6	32.6	30.7	31.6	28.9	28.2	28.5
4	31.7	29.0	29.9	32.5	30.1	31.1	33.0	31.0	31.8	30.3	27.6	28.7
5	30.5	29.2	29.8	33.0	30.7	31.7	32.8	31.0	31.8	30.6	28.5	29.6
6	30.6	28.6	29.5	32.9	31.0	32.0	32.4	30.3	31.3	31.3	29.5	30.2
7	---	---	---	33.4	31.8	32.7	31.4	29.0	30.2	31.1	28.7	30.1
8	---	---	---	33.3	31.8	32.5	30.8	28.6	29.9	30.4	27.8	29.3
9	31.3	29.8	30.5	32.0	30.5	31.1	31.9	29.1	30.4	30.2	27.2	28.3
10	32.2	30.5	31.3	32.8	30.1	31.1	32.3	30.0	31.1	30.1	28.2	29.0
11	32.7	31.0	31.8	32.9	31.2	31.9	32.0	29.9	31.0	30.4	28.6	29.5
12	33.3	31.5	32.3	---	---	---	31.0	28.5	29.7	29.8	28.5	29.1
13	33.6	32.0	32.7	---	---	---	28.9	26.3	27.9	28.8	27.5	28.3
14	33.9	31.6	32.5	---	---	---	28.2	26.3	27.2	29.0	27.9	28.5
15	33.6	32.2	32.8	32.6	29.9	30.9	27.7	25.5	26.6	29.1	28.0	28.5
16	33.1	31.8	32.2	31.9	30.6	31.2	27.4	25.6	26.6	29.6	28.2	28.9
17	33.7	31.6	32.5	31.4	30.3	30.9	28.8	26.4	27.5	30.6	29.3	29.8
18	34.1	32.4	33.0	31.7	30.0	30.8	29.2	27.5	28.3	31.6	29.7	30.4
19	34.0	32.4	32.9	31.3	29.4	30.3	29.9	28.2	28.9	30.9	28.6	29.6
20	33.2	32.0	32.4	31.4	29.0	29.8	29.6	28.7	29.2	29.3	27.4	28.2
21	33.5	31.7	32.4	31.3	29.1	30.1	29.3	28.3	28.9	28.6	26.8	27.7
22	33.1	31.7	32.5	32.3	29.8	30.8	29.3	28.6	28.9	28.0	26.9	27.5
23	32.4	31.2	31.6	32.7	30.2	31.1	30.1	28.5	29.2	27.8	26.4	27.1
24	31.5	30.7	31.1	32.5	30.5	31.4	30.5	29.0	29.7	27.5	26.3	26.8
25	30.7	29.0	29.7	33.3	29.9	31.1	30.8	29.2	30.0	27.8	26.6	27.2
26	29.0	28.1	28.6	32.3	28.4	30.2	31.0	29.4	30.1	27.4	26.3	26.8
27	30.1	28.0	28.8	31.7	29.0	30.2	31.4	29.6	30.3	27.3	25.7	26.5
28	30.2	28.4	29.1	30.9	28.8	29.7	30.9	30.3	30.5	27.1	25.6	26.2
29	29.7	28.6	29.1	30.6	29.5	30.0	30.6	29.8	30.1	26.8	25.5	26.2
30	30.1	28.8	29.3	31.0	29.6	30.1	30.2	29.0	29.6	27.3	25.4	26.1
31	---	---	---	32.0	30.0	30.6	30.3	28.4	29.1	---	---	---
MONTH	---	---	---	---	---	---	33.0	25.5	29.7	31.6	25.4	28.4

08017118 CALCASIEU RIVER AT CAMERON, LA

LOCATION.--Lat 29° 48' 55", long 93° 21' 01", T. 14 S., R. 10 W., Cameron Parish, Hydrologic Unit 08080206, on a channel marker 0.3 miles north of the Cameron ferry located on State Highway 82.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1997 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.14 ft, Sep. 11, 1998; minimum gage height, -3.00 ft, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.52 ft, Sept. 22; minimum gage height, -1.95 ft, Dec. 10.

GAGE HEIGHT FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.29	0.74	1.70	2.15	0.75	1.58	1.30	0.28	0.78	1.67	0.80	1.32
2	2.26	0.75	1.65	2.18	1.03	1.78	1.40	0.32	0.77	1.54	0.37	1.13
3	2.45	0.86	1.80	2.05	1.02	1.57	1.60	0.76	1.30	1.56	0.19	1.07
4	2.19	0.77	1.63	1.83	1.04	1.53	1.60	0.19	0.91	1.84	0.30	1.23
5	1.93	0.55	1.48	1.71	0.97	1.40	1.14	-0.10	0.47	1.74	-0.38	0.70
6	1.88	0.77	1.52	1.75	0.98	1.44	1.05	-0.68	0.31	1.31	-1.02	0.20
7	1.94	1.07	1.60	1.50	0.46	1.15	1.70	-0.17	0.85	1.95	-0.09	1.00
8	1.89	1.25	1.63	1.69	0.37	1.16	1.76	0.16	1.11	2.07	0.64	1.52
9	2.41	1.63	2.01	1.60	0.34	1.20	1.86	0.36	1.27	1.92	-0.51	0.70
10	2.46	1.41	1.97	2.26	0.55	1.51	0.89	-1.95	-0.47	1.05	-0.80	0.35
11	2.05	0.76	1.55	2.35	0.84	1.69	1.56	-0.69	0.43	1.38	0.09	0.91
12	2.08	0.82	1.60	2.09	0.51	1.36	2.12	0.32	1.23	1.27	0.29	0.92
13	2.16	1.04	1.77	1.84	-0.10	0.98	2.71	0.29	1.27	1.05	0.24	0.77
14	2.12	0.66	1.50	2.27	0.99	1.61	1.42	-0.07	0.70	1.26	0.49	0.84
15	2.36	1.14	1.71	2.33	0.87	1.70	2.11	0.89	1.49	1.25	0.51	0.97
16	2.44	1.07	1.79	2.27	0.85	1.60	2.11	-0.68	0.61	2.03	0.22	1.26
17	2.19	0.68	1.46	2.42	1.23	1.79	0.59	-1.01	-0.26	2.18	0.80	1.69
18	1.67	0.61	1.26	3.04	0.30	1.75	0.59	-0.28	0.20	1.87	-0.05	0.89
19	2.06	0.88	1.57	0.53	-1.09	-0.41	0.63	-1.17	0.02	0.95	-1.63	-0.05
20	2.02	0.65	1.52	1.83	0.19	0.98	1.20	-0.86	0.25	1.43	-0.81	0.63
21	1.73	0.66	1.36	1.83	0.83	1.35	1.67	-0.51	0.80	1.43	-0.78	0.63
22	1.56	0.37	1.04	2.04	0.08	1.20	1.93	-0.47	1.08	1.37	-0.72	0.75
23	1.34	0.56	1.03	2.27	-0.13	1.39	1.93	-1.00	0.66	1.25	-0.66	0.61
24	1.65	0.67	1.26	1.01	-1.87	-0.08	1.06	-1.46	0.16	1.54	-0.06	1.02
25	1.84	0.43	1.37	2.26	-0.33	1.18	1.65	-0.38	0.87	2.00	0.41	1.30
26	1.87	-0.02	1.03	2.64	0.52	1.65	1.88	0.06	1.09	1.40	-0.25	1.06
27	1.66	-0.47	0.87	2.66	-0.11	1.40	1.72	0.33	1.23	0.21	-1.19	-0.39
28	1.97	0.08	1.29	0.35	-1.91	-0.63	1.62	0.48	1.24	1.25	-0.90	0.54
29	2.13	0.02	1.21	1.42	0.00	0.63	1.65	-0.01	0.76	1.61	0.36	1.04
30	2.33	0.57	1.61	1.42	0.18	0.93	1.62	-0.12	0.81	1.59	0.38	1.12
31	2.22	0.50	1.46	---	---	---	1.67	0.99	1.34	2.11	0.47	1.37
MONTH	2.46	-0.47	1.49	3.04	-1.91	1.21	2.71	-1.95	0.75	2.18	-1.63	0.87

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	2.12	0.80	1.68	1.65	0.47	1.25	1.32	0.07	0.84	2.32	-0.27	1.63
2	2.09	0.67	1.44	1.70	0.36	1.17	1.31	0.03	0.79	1.83	-0.02	0.80
3	1.83	-0.24	0.92	1.99	0.44	1.32	1.29	-0.05	0.69	1.38	-0.15	0.88
4	2.51	0.48	1.70	2.23	0.90	1.74	1.25	0.18	0.73	1.38	-0.11	0.90
5	2.50	1.06	1.83	2.23	0.68	1.61	1.73	0.52	1.15	1.60	-0.35	0.97
6	1.67	-0.18	0.77	1.95	0.36	1.16	2.07	0.26	1.47	1.58	-0.28	1.02
7	0.86	-0.71	0.21	1.37	-0.09	0.70	1.95	0.01	1.32	1.68	-0.21	1.12
8	1.48	-0.13	0.85	0.95	-0.43	0.42	1.32	-0.56	0.84	1.84	-0.20	1.25
9	1.63	0.51	1.20	0.93	-0.96	0.28	1.41	-0.56	0.83	1.93	0.20	1.35
10	1.28	0.25	0.89	1.14	-0.84	0.55	1.45	-0.21	0.96	1.98	0.43	1.44
11	2.12	0.45	1.60	0.94	-0.32	0.56	1.75	-0.64	0.93	2.49	0.83	1.67
12	1.53	0.57	0.95	1.07	-0.35	0.67	1.24	-0.58	0.49	2.54	1.30	2.13
13	1.53	-0.06	0.99	1.50	-0.28	0.91	0.26	-1.18	-0.42	2.65	1.75	2.21
14	1.72	-0.23	0.89	1.70	-0.04	1.00	0.55	-1.48	-0.22	2.80	1.04	1.91
15	0.73	-1.37	-0.09	1.83	0.04	1.15	0.73	-0.59	0.25	2.30	1.15	1.76
16	1.24	-0.70	0.53	1.49	-0.04	0.94	0.90	-0.06	0.46	2.27	1.15	1.86
17	1.35	-0.68	0.62	1.67	-0.19	0.94	0.95	0.11	0.55	2.59	0.94	1.95
18	1.28	-0.54	0.52	1.67	0.22	1.12	1.18	0.49	0.88	2.54	0.93	1.95
19	1.67	-0.33	0.87	1.63	0.25	1.03	1.55	0.02	0.99	2.63	1.11	2.05
20	1.78	0.06	1.04	1.54	0.41	1.02	1.33	0.17	0.98	2.55	0.99	2.01
21	1.45	-0.31	0.87	1.37	0.21	0.80	1.78	0.25	1.36	2.35	0.91	1.82
22	1.78	0.40	1.39	1.49	0.56	1.14	2.08	0.84	1.64	2.39	0.99	1.91
23	1.90	1.05	1.56	1.91	0.63	1.59	2.05	0.84	1.63	2.46	1.02	1.96
24	1.93	0.86	1.52	2.00	0.78	1.59	2.15	0.70	1.56	2.40	1.14	1.91
25	1.88	-0.08	1.20	2.03	0.78	1.62	1.97	0.45	1.22	2.35	1.32	1.87
26	0.88	-0.29	0.36	1.99	0.77	1.56	1.45	0.45	1.04	2.10	1.01	1.64
27	1.11	-0.31	0.70	2.05	0.99	1.66	1.45	-0.04	0.83	2.00	1.25	1.58
28	1.63	0.00	1.09	1.98	0.91	1.56	1.74	0.29	1.18	1.97	0.83	1.52
29	1.98	0.59	1.43	1.79	0.63	1.19	1.90	0.90	1.47	2.09	1.29	1.62
30	---	---	---	1.53	0.26	1.03	2.09	0.66	1.40	2.56	1.24	2.09
31	---	---	---	1.14	-0.04	0.74	---	---	---	2.73	0.49	1.72
MONTH	2.51	-1.37	1.02	2.23	-0.96	1.10	2.15	-1.48	0.93	2.80	-0.35	1.63
	JUNE			JULY			AUGUST			SEPTEMBER		
1	2.11	0.16	1.49	2.21	-0.18	1.39	---	---	---	1.19	0.36	0.82
2	2.26	0.02	1.41	2								

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to current year.

SALINITY: October 2002 to September 2003.

WATER TEMPERATURE: May 1997 to current year.

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

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except for July 6-14 when records good.

SALINITY: Records excellent except for July 6-14 when records good..

WATER TEMPERATURE: Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 55,800 microsiemens/cm, Sept. 7, 2000; minimum, 611 microsiemens/cm, Nov. 11, 2002.

SALINITY: Maximum, 31.9 ppt, Aug. 9, 2003; minimum, 0.3 ppt, Nov. 11, 2002.

WATER TEMPERATURE: Maximum, 33.8°C, Sept. 14, 1998; minimum, 2.5°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 44,600 microsiemens/cm, Nov. 2; minimum, 1,990 microsiemens/cm, July 10.

SALINITY: Maximum, 28.8 ppt, Nov. 2; minimum, 1.0 ppt, July 10.

WATER TEMPERATURE: Maximum, 33.4°C, July 31; minimum, 8.6°C, Feb. 15.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	37,200	23,000	30,400	43,700	33,400	39,200	39,200	29,200	33,300	38,600	29,500	34,400
2	36,600	22,400	29,300	44,600	36,000	41,600	36,800	28,600	31,100	37,400	28,300	33,200
3	36,900	24,600	32,100	41,100	33,500	38,100	38,700	31,300	36,000	36,900	28,200	32,600
4	36,700	26,000	31,000	38,100	30,900	35,400	37,100	27,400	31,500	34,500	29,500	32,100
5	36,900	27,100	32,000	37,100	31,700	34,100	35,400	25,900	28,700	32,200	25,800	28,400
6	36,100	27,600	32,100	39,000	33,000	35,300	39,400	23,700	30,800	33,100	24,500	27,700
7	34,400	27,600	32,200	40,100	28,900	33,300	39,400	27,400	35,800	39,500	26,000	32,800
8	33,300	28,300	30,800	42,200	27,900	33,800	40,200	29,300	36,300	39,500	28,600	35,700
9	32,700	29,300	31,500	42,100	29,000	35,500	40,800	29,800	37,300	39,200	26,000	30,100
10	31,500	28,200	29,800	43,200	30,300	37,300	38,300	25,800	31,300	40,000	21,100	27,700
11	29,800	25,800	27,800	43,700	34,100	39,700	39,600	25,900	35,000	40,300	23,900	34,100
12	31,800	25,300	28,000	44,000	32,800	38,800	40,300	29,700	36,600	38,600	24,200	31,500
13	33,800	25,600	29,500	44,300	32,000	37,900	40,000	29,500	34,700	37,100	22,900	28,000
14	33,500	25,300	29,000	44,400	36,200	41,200	40,400	25,700	30,800	35,400	25,500	28,400
15	35,400	25,400	28,800	41,300	35,800	39,100	40,400	35,400	39,000	35,400	23,600	27,800
16	36,000	26,500	31,100	40,600	36,000	38,900	39,900	26,500	33,300	29,600	21,800	26,600
17	35,400	25,800	30,300	39,800	35,800	38,700	39,700	25,400	29,300	31,400	22,800	26,900
18	34,800	23,700	27,100	36,500	34,700	35,600	39,800	28,600	32,900	28,900	23,000	25,200
19	37,200	24,900	31,800	36,800	31,800	33,600	40,000	25,400	32,600	39,400	19,400	27,000
20	38,300	25,700	31,900	38,400	36,300	37,700	41,400	25,500	34,100	38,700	20,500	31,100
21	38,500	25,900	30,800	38,600	37,000	38,100	41,500	29,900	37,900	38,300	20,900	30,400
22	37,700	26,000	29,500	38,400	34,700	37,400	42,300	31,800	38,700	38,300	19,600	28,500
23	39,500	26,200	31,400	38,400	35,600	37,200	42,500	33,300	39,300	37,600	18,900	29,300
24	42,000	27,900	34,600	38,600	31,700	35,000	41,100	27,600	34,200	37,600	21,700	31,400
25	42,300	28,800	36,200	39,500	35,900	38,400	41,800	31,600	38,100	36,400	28,700	33,400
26	38,900	26,400	31,900	39,100	36,500	38,100	42,900	31,700	38,400	30,800	21,100	23,600
27	42,000	23,300	30,200	39,200	34,400	37,300	43,500	33,300	39,300	25,500	16,300	19,400
28	42,500	28,200	36,900	37,400	29,100	31,700	44,100	33,600	38,900	42,500	14,400	29,900
29	42,600	29,000	36,000	39,600	31,900	37,100	43,500	28,100	34,200	40,700	17,800	28,000
30	42,400	34,500	39,600	39,700	30,900	35,800	40,700	28,600	34,500	37,600	15,800	20,800
31	42,600	34,600	39,200	---	---	---	40,200	32,300	36,000	36,800	12,100	22,500
MONTH	42,600	22,400	31,700	44,600	27,900	37,000	44,100	23,700	34,800	42,500	12,100	29,000

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	37,900	13,100	24,600	34,200	11,800	23,300	35,200	17,400	26,300	36,600	26,900	32,500
2	29,800	13,800	20,000	28,500	11,400	18,800	34,900	19,600	27,800	28,900	24,700	26,400
3	34,500	10,500	19,900	25,000	13,300	19,300	34,800	20,300	26,500	31,600	22,400	26,700
4	35,000	12,600	26,000	22,000	15,700	19,500	31,800	20,400	25,500	34,600	20,900	28,400
5	35,000	18,700	26,200	19,700	14,800	17,300	34,200	21,300	28,000	35,900	22,300	30,100
6	21,300	11,600	14,900	18,800	13,400	15,300	35,000	22,600	30,900	36,200	22,000	31,600
7	24,600	9,170	13,100	23,000	12,100	14,700	35,000	20,300	28,200	35,600	22,400	31,300
8	37,800	9,480	18,500	30,600	10,500	16,400	33,300	19,400	25,000	34,900	23,900	31,100
9	37,700	13,000	24,200	23,400	10,200	14,700	35,900	17,300	29,100	36,100	24,000	31,700
10	21,000	10,000	12,900	41,100	9,780	28,700	35,400	21,000	30,400	34,600	24,200	30,600
11	35,800	9,430	19,800	30,200	16,600	22,600	36,900	20,900	30,800	34,000	23,200	27,900
12	12,600	5,520	8,100	38,200	13,700	26,800	37,700	18,400	25,600	28,900	18,300	25,400
13	22,400	5,520	10,400	39,100	11,900	26,800	38,300	16,300	24,400	20,100	13,200	17,000
14	21,700	6,590	10,300	34,500	14,400	25,500	40,300	17,000	28,900	---	---	---
15	28,000	5,280	10,700	31,100	13,000	23,700	40,200	23,100	35,000	---	---	---
16	32,400	3,900	12,700	30,700	12,400	21,500	40,500	30,000	37,000	---	---	---
17	30,000	4,810	12,600	33,600	12,600	23,300	40,800	31,100	35,600	---	---	---
18	24,700	4,080	10,700	33,500	18,000	27,700	40,100	30,500	37,400	---	---	---
19	31,200	4,000	15,400	31,600	18,100	24,500	41,400	24,500	37,100	---	---	---
20	32,300	4,840	15,800	30,500	18,900	23,100	43,000	23,800	37,200	---	---	---
21	27,600	2,730	9,880	25,300	16,800	19,300	36,200	27,300	32,900	---	---	---
22	23,700	5,570	14,400	26,600	16,300	20,700	31,800	25,900	28,100	---	---	---
23	23,300	5,800	12,300	31,400	16,200	26,800	26,000	20,900	23,300	---	---	---
24	15,300	5,550	8,980	34,100	18,200	27,800	24,100	19,100	21,200	---	---	---
25	16,800	3,570	8,550	26,200	15,700	22,700	24,500	20,700	22,500	---	---	---
26	22,800	2,220	8,080	20,100	14,500	18,400	26,000	23,900	24,900	---	---	---
27	27,600	3,520	15,800	19,900	13,800	17,800	33,200	24,300	28,600	---	---	---
28	31,800	5,380	19,600	20,500	15,000	17,900	34,600	25,900	30,700	---	---	---
29	34,200	9,550	24,200	22,800	15,700	17,500	36,100	30,700	33,800	---	---	---
30	---	---	---	30,100	15,700	22,800	36,600	26,300	31,800	---	---	---
31	---	---	---	33,100	17,900	23,800	---	---	---	---	---	---
MONTH	37,900	2,220	15,500	41,100	9,780	21,600	43,000	16,300	29,500	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	17,800	6,800	14,000	17,000	4,460	11,100	---	---	---	36,100	32,000	33,300
2	22,000	6,800	15,900	17,300	4,580	12,800	---	---	---	37,100	32,000	33,900
3	22,900	8,270	16,900	20,700	4,880	13,400	---	---	---	37,000	31,400	34,500
4	27,700	9,010	17,700	26,900	4,650	15,100	30,400	25,600	27,900	38,500	32,400	36,100
5	36,500	9,540	24,900	26,800	4,840	16,500	31,400	26,700	28,300	37,900	32,600	35,600
6	---	---	---	23,000	6,250	12,400	33,500	24,000	26,800	37,700	31,800	34,600
7	---	---	---	17,000	5,040	9,200	39,000	25,100	31,400	37,200	30,200	33,500
8	---	---	---	18,300	5,050	8,690	39,300	25,600	33,000	36,900	28,800	32,900
9	---	---	---	14,900	4,830	8,590	40,200	26,300	34,100	37,500	29,700	35,200
10	---	---	---	13,100	1,990	7,010	39,800	26,500	32,700	37,000	30,400	34,300
11	---	---	---	18,500	2,690	10,400	39,800	27,200	34,300	36,700	30,400	34,500
12	---	---	---	19,300	4,660	9,310	38,400	25,400	31,000	37,800	30,600	36,100
13	---	---	---	20,200	4,670	10,400	40,400	25,200	35,400	37,500	33,400	36,500
14	---	---	---	27,200	4,670	13,000	41,100	27,700	36,000	36,400	35,100	36,000
15	---	---	---	32,700	5,450	19,600	41,500	28,500	36,900	35,700	31,700	33,600
16	---	---	---	---	---	---	41,700	29,300	37,500	32,300	31,000	31,600
17	---	---	---	---	---	---	40,100	30,100	35,600	31,800	29,600	30,900
18	---	---	---	---	---	---	41,600	31,300	37,700	30,700	29,200	29,900
19	---	---	---	---	---	---	41,700	34,500	39,600	38,100	29,700	31,500
20	---	---	---	---	---	---	41,500	36,500	39,100	38,300	33,400	36,600
21	---	---	---	37,600	10,700	25,900	39,900	32,000	35,000	40,300	34,200	37,200
22	---	---	---	36,000	19,800	27,000	40,900	32,600	37,400	42,200	36,700	39,600
23	---	---	---	36,900	20,500	25,200	39,800	33,100	37,400	42,900	32,600	39,600
24	---	---	---	34,600	15,000	25,000	38,100	32,000	36,400	37,800	33,600	36,400
25	---	---	---	31,900	16,700	25,900	37,100	32,500	35,600	36,400	33,600	35,700
26	---	---	---	---	---	---	36,400	32,500	35,400	34,400	33,100	33,800
27	---	---	---	---	---	---	36,200	32,100	35,200	35,900	32,800	34,300
28	---	---	---	---	---	---	34,100	32,100	33,700	34,700	32,700	33,600
29	11,500	4,990	6,570	---	---	---	34,200	32,100	33,500	36,700	32,200	33,900
30	21,000	4,800	11,400	37,400	24,600	32,800	35,000	32,200	33,900	36,500	32,500	34,600
31	---	---	---	35,700	24,700	31,800	35,400	32,000	33,500	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	42,900	28,800	34,700

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.6	13.9	18.9	28.2	20.9	25.0	25.0	18.0	20.8	24.5	18.2	21.6
2	23.1	13.5	18.1	28.8	22.7	26.6	23.3	17.6	19.3	23.7	17.4	20.8
3	23.4	14.9	20.0	26.3	20.9	24.2	24.6	19.4	22.7	23.4	17.4	20.4
4	23.2	15.9	19.3	24.1	19.2	22.3	23.5	16.8	19.6	21.7	18.2	20.0
5	23.4	16.6	19.9	23.5	19.7	21.3	22.3	15.8	17.7	20.1	15.8	17.5
6	22.8	16.9	20.1	24.8	20.6	22.2	25.1	14.4	19.2	20.7	14.8	17.0
7	21.6	16.9	20.1	25.6	17.8	20.9	25.1	16.8	22.6	25.2	15.9	20.5
8	20.8	17.4	19.1	27.1	17.2	21.2	25.6	18.1	22.9	25.2	17.6	22.5
9	20.4	18.1	19.6	27.0	17.9	22.4	26.1	18.4	23.7	25.0	15.9	18.7
10	19.6	17.4	18.4	27.8	18.8	23.6	24.3	15.8	19.5	25.5	12.6	17.0
11	18.4	15.8	17.1	28.2	21.4	25.3	25.2	15.8	22.1	25.7	14.5	21.4
12	19.8	15.4	17.2	28.4	20.5	24.7	25.7	18.4	23.1	24.5	14.7	19.6
13	21.2	15.6	18.3	28.6	19.9	24.1	25.5	18.2	21.9	23.5	13.8	17.3
14	20.9	15.4	17.9	28.6	22.8	26.3	25.8	15.7	19.1	22.3	15.5	17.5
15	22.3	15.5	17.7	26.5	22.5	24.9	25.8	22.3	24.8	22.3	14.3	17.1
16	22.7	16.2	19.3	25.9	22.7	24.7	25.4	16.2	20.9	18.3	13.1	16.3
17	22.3	15.8	18.8	25.4	22.5	24.6	25.3	15.5	18.1	19.5	13.7	16.5
18	21.9	14.4	16.6	23.1	21.8	22.4	25.4	17.6	20.6	17.8	13.9	15.3
19	23.6	15.1	19.9	23.3	19.8	21.0	25.5	15.5	20.4	25.1	11.5	16.6
20	24.3	15.7	19.9	24.4	22.9	23.9	26.5	15.5	21.5	24.6	12.2	19.4
21	24.4	15.8	19.1	24.5	23.4	24.1	26.6	18.5	24.0	24.3	12.5	18.9
22	23.9	15.9	18.2	24.4	21.8	23.6	27.1	19.8	24.6	24.3	11.7	17.6
23	25.2	16.0	19.5	24.4	22.4	23.6	27.3	20.8	25.0	23.8	11.2	18.2
24	26.9	17.2	21.8	24.5	19.7	22.0	26.3	16.9	21.5	23.8	13.0	19.5
25	27.1	17.7	22.9	25.2	22.6	24.4	26.8	19.6	24.2	23.0	17.7	20.9
26	24.8	16.1	19.9	24.9	23.1	24.2	27.6	19.7	24.4	19.1	12.6	14.3
27	26.9	14.1	18.8	25.0	21.6	23.6	28.0	20.8	25.0	15.5	9.5	11.5
28	27.3	17.4	23.3	23.7	17.9	19.7	28.4	21.0	24.7	27.3	8.3	18.7
29	27.3	17.9	22.8	25.2	19.9	23.5	28.0	17.3	21.5	26.0	10.5	17.3
30	27.2	21.7	25.2	25.3	19.2	22.6	26.0	17.6	21.7	23.8	9.2	12.5
31	27.3	21.8	24.9	---	---	---	25.6	20.2	22.7	23.3	6.9	13.7
MONTH	27.3	13.5	19.8	28.8	17.2	23.4	28.4	14.4	21.9	27.3	6.9	17.9
FEBRUARY			MARCH			APRIL			MAY			
1	24.0	7.5	15.1	21.5	6.7	14.2	22.1	10.2	16.2	23.1	16.4	20.3
2	18.4	7.9	11.9	17.5	6.5	11.2	21.9	11.7	17.1	17.8	15.0	16.2
3	21.7	6.0	12.0	15.2	7.6	11.5	21.9	12.1	16.2	19.6	13.5	16.3
4	22.0	7.2	16.0	13.2	9.1	11.6	19.8	12.1	15.5	21.8	12.5	17.5
5	22.0	11.1	16.0	11.7	8.6	10.2	21.5	12.8	17.2	22.6	13.4	18.7
6	12.8	6.6	8.7	11.1	7.7	8.9	22.0	13.6	19.2	22.8	13.2	19.7
7	14.9	5.1	7.6	13.9	6.9	8.6	22.0	12.1	17.4	22.4	13.5	19.5
8	23.9	5.3	11.1	19.0	6.0	9.7	20.8	11.5	15.2	21.9	14.5	19.4
9	23.9	7.5	14.8	14.2	5.8	8.5	22.6	10.2	18.0	22.8	14.5	19.7
10	12.6	5.6	7.4	26.3	5.5	18.0	22.3	12.6	18.9	21.8	14.7	19.0
11	22.5	5.3	11.9	18.7	9.7	13.7	23.4	12.5	19.1	21.3	14.0	17.1
12	7.2	3.0	4.5	24.2	7.9	16.6	23.9	10.9	15.6	17.8	10.8	15.5
13	13.5	3.0	5.9	24.9	6.8	16.6	24.3	9.5	14.9	12.0	7.6	10.0
14	13.0	3.6	5.8	21.7	8.3	15.6	25.7	10.0	18.0	---	---	---
15	17.2	2.8	6.1	19.3	7.5	14.4	25.6	13.9	22.1	---	---	---
16	20.2	2.1	7.5	19.0	7.1	13.0	25.9	18.6	23.4	---	---	---
17	18.6	2.6	7.4	21.0	7.2	14.2	26.1	19.3	22.4	---	---	---
18	15.0	2.2	6.2	20.9	10.6	17.0	25.6	18.9	23.7	---	---	---
19	19.4	2.1	9.2	19.6	10.7	14.9	26.5	14.8	23.5	---	---	---
20	20.2	2.6	9.4	18.9	11.2	14.0	27.6	14.4	23.6	---	---	---
21	16.9	1.4	5.7	15.4	9.9	11.5	22.8	16.7	20.6	---	---	---
22	14.4	3.0	8.4	16.3	9.5	12.4	19.8	15.8	17.3	---	---	---
23	14.1	3.1	7.1	19.5	9.4	16.5	15.9	12.5	14.1	---	---	---
24	8.9	3.0	5.0	21.4	10.7	17.1	14.6	11.4	12.7	---	---	---
25	9.9	1.9	4.8	16.0	9.1	13.7	14.8	12.4	13.6	---	---	---
26	13.7	1.1	4.6	12.0	8.4	10.9	15.9	14.5	15.1	---	---	---
27	16.9	1.8	9.3	11.8	7.9	10.5	20.7	14.7	17.6	---	---	---
28	19.8	2.9	11.9	12.2	8.7	10.6	21.8	15.8	19.1	---	---	---
29	21.5	5.3	14.8	13.7	9.1	10.3	22.8	19.0	21.2	---	---	---
30	---	---	---	18.7	9.1	13.8	23.1	16.1	19.8	---	---	---
31	---	---	---	20.7	10.5	14.4	---	---	---	---	---	---
MONTH	24.0	1.1	9.2	26.3	5.5	13.0	27.6	9.5	18.3	---	---	---

CALCASIEU RIVER BASIN

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.5	3.7	8.2	10.0	2.4	6.3	---	---	---	22.8	19.9	20.9
2	13.2	3.7	9.4	10.2	2.4	7.4	---	---	---	23.5	19.9	21.3
3	13.8	4.6	10	12.4	2.6	7.8	---	---	---	23.4	19.5	21.7
4	17.0	5.0	10.5	16.4	2.5	8.9	18.9	15.6	17.1	24.4	20.2	22.8
5	---	---	---	16.4	2.6	9.8	19.5	16.3	17.4	24.0	20.4	22.4
6	---	---	---	13.9	3.4	7.1	20.9	14.5	16.4	23.9	19.8	21.7
7	---	---	---	10.0	2.7	5.2	24.8	15.3	19.5	23.6	18.7	21.0
8	---	---	---	10.8	2.7	4.9	25.0	15.6	20.7	23.4	17.7	20.5
9	---	---	---	8.7	2.6	4.8	25.6	16.1	21.4	23.7	18.4	22.2
10	---	---	---	7.5	1.0	3.9	25.4	16.2	20.4	23.4	18.9	21.5
11	---	---	---	10.9	1.4	5.9	25.4	16.6	21.6	23.2	18.9	21.6
12	---	---	---	11.5	2.5	5.3	24.4	15.5	19.3	23.9	19.0	22.8
13	---	---	---	12.0	2.5	5.9	25.8	15.3	22.3	23.7	20.9	23.1
14	---	---	---	16.6	2.5	7.6	26.3	17.0	22.7	23.0	22.1	22.7
15	---	---	---	20.4	2.9	11.8	26.6	17.5	23.4	22.5	19.7	21.0
16	---	---	---	---	---	---	26.7	18.1	23.8	20.2	19.2	19.7
17	---	---	---	---	---	---	25.6	18.7	22.4	19.8	18.3	19.1
18	---	---	---	---	---	---	26.7	19.4	23.9	19.0	18.0	18.5
19	---	---	---	---	---	---	26.7	21.7	25.3	24.1	18.4	19.6
20	---	---	---	---	---	---	26.6	23.1	24.9	24.3	20.9	23.1
21	---	---	---	23.8	6.1	15.9	25.4	19.9	22.0	25.7	21.5	23.5
22	---	---	---	22.7	11.8	16.6	26.2	20.4	23.7	27.1	23.2	25.3
23	---	---	---	23.4	12.2	15.4	25.4	20.7	23.7	27.6	20.4	25.2
24	---	---	---	21.8	8.7	15.2	24.1	19.9	22.9	23.9	21.0	23.0
25	---	---	---	---	---	---	23.5	20.3	22.4	23.0	21.0	22.5
26	---	---	---	---	---	---	23.0	20.3	22.3	21.6	20.7	21.2
27	---	---	---	---	---	---	22.8	20.0	22.1	22.6	20.5	21.5
28	---	---	---	---	---	---	21.4	20.0	21.1	21.8	20.4	21.0
29	---	---	---	---	---	---	21.5	20.0	21.0	23.2	20.1	21.2
30	12.6	2.6	6.5	23.7	14.9	20.5	22.0	20.1	21.3	23.1	20.3	21.7
31	---	---	---	22.5	15.0	19.8	22.3	19.9	21.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	27.6	17.7	21.8

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.9	21.4	23.1	24.3	23.5	23.9	16.1	14.6	15.2	14.4	13.1	13.7
2	24.0	20.5	22.0	24.9	23.9	24.3	15.7	14.2	14.9	15.0	14.1	14.6
3	23.0	21.5	22.4	24.9	23.8	24.3	16.2	14.8	15.7	15.9	14.5	15.3
4	23.2	22.1	22.9	24.6	23.9	24.2	16.2	15.0	15.6	16.9	15.2	15.8
5	24.8	23.0	24.0	24.4	23.9	24.2	15.5	13.5	14.8	16.8	14.5	16.1
6	25.5	24.1	24.6	24.4	23.9	24.2	15.4	11.0	13.5	14.5	12.1	13.0
7	25.7	24.9	25.2	24.4	22.3	23.4	15.2	11.5	13.7	12.9	9.2	11.3
8	25.9	25.3	25.6	22.6	20.7	21.7	15.2	12.7	14.1	12.6	9.4	10.9
9	25.9	25.4	25.7	22.1	19.4	20.7	15.9	14.2	15.1	11.4	10.0	10.5
10	25.6	24.8	25.2	22.1	19.1	20.7	15.1	12.8	13.4	12.0	9.3	10.3
11	25.1	24.4	24.7	22.4	20.7	21.7	13.9	11.2	12.9	12.0	9.4	11.0
12	25.4	24.5	24.8	23.3	21.5	22.4	14.0	11.6	13.0	11.8	9.9	10.8
13	25.4	24.6	25.1	23.3	21.1	22.1	14.0	11.9	12.7	12.1	10.6	11.3
14	26.2	24.7	25.4	21.9	18.1	20.1	13.8	10.7	11.6	13.1	11.6	12.2
15	25.2	23.4	24.3	20.8	19.0	20.0	13.9	13.6	13.7	13.8	12.7	13.3
16	24.3	22.6	23.5	21.5	20.8	21.1	13.9	12.2	13.5	14.2	13.2	13.6
17	24.5	23.2	23.9	22.1	21.4	21.7	13.0	10.8	11.8	14.4	13.4	14.0
18	24.0	21.9	22.7	21.9	20.5	21.6	12.8	11.0	12.0	14.5	13.8	14.2
19	23.5	22.2	23.0	20.5	18.1	18.6	12.8	10.8	11.9	13.8	12.6	13.2
20	23.8	22.6	23.4	19.6	18.3	19.2	13.0	10.7	11.9	13.5	10.7	12.0
21	24.5	23.1	23.8	19.8	18.9	19.4	13.2	11.1	12.4	12.6	10.3	11.5
22	24.2	23.3	23.8	20.3	19.2	19.7	14.0	12.7	13.3	12.7	10.8	11.8
23	24.5	23.6	24.1	20.8	18.8	20.3	14.1	13.4	14.0	13.4	11.7	12.7
24	24.9	24.0	24.5	18.8	15.0	16.7	13.5	12.2	13.0	13.7	13.1	13.4
25	24.8	24.2	24.6	17.7	14.4	16.6	13.4	12.2	12.9	15.1	13.6	14.3
26	24.6	22.4	23.9	17.7	15.6	16.7	13.5	12.4	13.2	15.5	14.5	14.9
27	22.5	19.2	20.6	18.1	16.7	17.7	14.8	13.5	14.0	14.8	12.3	13.0
28	22.3	18.6	20.8	16.7	13.5	14.7	15.4	14.2	14.7	13.3	10.9	12.3
29	22.0	19.5	20.9	16.2	14.3	15.5	14.6	13.9	14.3	12.8	10.9	11.7
30	23.0	21.9	22.3	16.2	14.2	15.2	14.2	12.8	13.4	12.4	11.7	11.9
31	24.0	22.9	23.4	---	---	---	13.3	12.3	12.8	12.3	11.3	11.8
MONTH	26.2	18.6	23.7	24.9	13.5	20.4	16.2	10.7	13.5	16.9	9.2	12.8
FEBRUARY			MARCH			APRIL			MAY			
1	12.1	10.7	11.4	15.2	14.0	14.5	21.7	20.2	20.9	24.1	22.8	23.5
2	12.4	11.5	11.9	16.2	15.2	15.7	21.6	20.6	21.2	22.9	21.0	21.8
3	12.4	11.3	11.8	17.3	15.5	16.5	22.1	21.2	21.7	23.1	21.3	22.2
4	12.1	10.4	11.3	18.2	16.4	17.0	22.9	21.5	22.1	24.2	22.7	23.1
5	12.7	12.0	12.4	18.4	16.6	17.4	22.9	20.9	21.9	25.6	23.2	24.0
6	12.6	11.4	12.0	19.6	17.7	18.5	21.8	20.7	21.4	26.0	23.4	24.2
7	11.7	10.5	11.1	19.9	18.5	19.3	23.2	20.8	21.8	25.3	24.1	24.6
8	12.2	9.8	10.8	19.8	17.1	18.1	23.6	22.2	22.8	25.7	24.6	25.1
9	12.0	10.1	11.2	18.6	17.0	17.9	23.5	22.2	22.7	26.0	25.2	25.6
10	12.3	11.3	12.0	18.5	16.1	17.0	24.6	23.0	23.5	26.2	25.4	25.8
11	13.1	12.0	12.6	18.4	16.6	17.4	24.6	22.0	23.1	26.4	25.6	26.0
12	12.5	10.9	11.7	18.9	17.2	17.7	22.0	18.3	20.7	26.2	25.4	25.8
13	10.9	9.7	10.4	18.8	17.6	17.9	19.8	17.0	18.3	26.1	24.4	25.4
14	10.5	8.9	9.7	18.4	17.7	18.0	20.3	16.9	18.8	24.5	23.9	24.2
15	10.3	8.6	9.2	18.8	17.7	18.2	20.4	18.4	19.6	24.7	23.4	24.0
16	11.6	9.5	10.3	19.3	18.6	19.0	20.6	19.5	20.1	24.9	24.1	24.5
17	11.7	10.3	10.8	19.9	19.0	19.5	21.1	19.9	20.5	25.2	24.5	24.8
18	12.0	10.8	11.2	20.6	19.3	20.0	22.0	20.7	21.4	25.6	24.3	25.0
19	13.2	11.0	11.9	21.2	20.1	20.6	23.2	21.5	22.4	26.1	24.2	25.2
20	13.8	12.4	13.2	22.1	20.6	21.3	23.1	22.7	22.9	25.6	24.5	25.2
21	14.8	13.6	14.2	22.5	21.3	21.8	23.3	22.5	22.8	26.4	24.8	25.7
22	14.7	13.9	14.4	21.5	18.3	19.9	24.1	23.1	23.5	27.5	25.0	26.4
23	15.6	14.6	15.0	20.2	17.9	19.3	24.5	23.7	24.0	27.9	25.4	26.6
24	15.6	15.2	15.4	20.0	18.7	19.4	24.5	23.7	24.1	28.1	25.9	26.9
25	15.5	13.6	15.0	20.8	19.5	19.9	23.9	23.1	23.7	27.8	26.0	26.9
26	13.9	12.4	13.0	21.2	20.3	20.6	23.9	22.6	23.2	27.8	26.4	27.0
27	14.6	11.8	13.2	21.4	20.8	21.1	24.1	22.5	23.4	27.8	26.2	26.9
28	13.6	12.6	13.2	22.4	21.2	21.6	23.9	22.6	23.2	28.2	26.6	27.3
29	14.1	13.1	13.6	22.4	21.6	22.0	23.9	22.3	23.1	28.3	27.1	27.6
30	---	---	---	21.6	20.7	21.1	24.2	23.6	23.9	28.7	27.8	28.1
31	---	---	---	21.7	20.6	21.1	---	---	---	29.2	28.1	28.6
MONTH	15.6	8.6	12.2	22.5	14.0	19.0	24.6	16.9	22.1	29.2	21.0	25.4

CALCASIEU RIVER BASIN

08017118 CALCASIEU RIVER AT CAMERON, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	28.6	29.1	29.2	28.1	28.8	---	---	---	29.5	28.6	29.0
2	29.9	28.4	29.1	30.4	28.0	29.2	---	---	---	29.2	28.2	28.7
3	29.7	28.7	29.1	31.0	28.7	29.6	---	---	---	29.2	27.8	28.5
4	30.5	28.5	29.1	31.0	28.9	29.7	33.1	31.8	32.3	29.2	27.9	28.6
5	29.2	28.0	28.4	30.9	29.3	29.9	33.0	31.9	32.2	30.3	28.8	29.4
6	29.0	27.8	28.3	31.1	29.4	30.1	31.9	30.6	31.1	31.1	29.1	30.1
7	28.8	28.0	28.4	30.4	29.5	29.9	30.6	29.4	29.8	30.5	29.4	30.0
8	28.7	28.2	28.4	30.8	29.2	29.9	29.8	28.8	29.2	30.1	27.7	28.9
9	28.7	27.6	28.1	30.2	28.2	29.1	31.2	29.2	30.3	29.9	28.4	28.9
10	29.6	27.7	28.6	28.8	27.8	28.3	31.7	29.8	30.7	30.2	28.8	29.3
11	29.7	28.7	29.2	30.2	28.5	29.2	31.9	30.1	30.9	31.0	29.2	29.8
12	30.4	28.9	29.6	31.3	29.4	30.2	31.4	28.1	29.6	30.3	29.3	29.6
13	31.2	29.5	30.2	32.3	29.7	30.9	29.0	26.3	28.3	29.6	28.7	29.1
14	31.5	29.6	30.2	32.3	30.1	31.1	28.2	25.6	27.3	29.8	28.6	29.4
15	31.3	29.6	30.3	32.8	29.7	31.1	27.8	25.4	26.9	29.5	28.6	29.1
16	30.3	29.0	29.5	32.1	29.8	31.0	27.6	25.4	26.8	29.4	28.5	28.9
17	30.4	28.8	29.3	31.6	29.5	30.6	27.7	26.4	27.1	30.1	29.0	29.4
18	31.8	29.3	30.3	31.3	29.4	30.4	28.4	27.4	27.8	30.7	29.3	29.8
19	32.3	29.8	30.9	---	---	---	29.2	28.0	28.4	30.2	28.6	29.4
20	32.2	29.4	30.4	31.7	29.4	30.2	29.1	28.3	28.7	29.6	27.9	28.7
21	30.7	29.8	30.2	31.4	29.6	30.6	29.0	28.3	28.6	28.9	27.6	28.2
22	30.6	29.6	30.1	32.1	30.0	31.0	29.8	28.9	29.3	28.4	27.6	28.0
23	30.1	28.6	29.2	32.4	30.2	31.4	30.2	28.9	29.5	28.0	26.1	27.1
24	28.6	27.6	28.2	33.2	30.6	31.6	30.3	29.4	29.8	27.4	26.1	26.9
25	27.7	26.5	27.2	33.2	31.0	31.6	31.0	29.7	30.2	27.9	27.0	27.4
26	26.5	25.9	26.1	---	---	---	31.1	29.8	30.4	27.3	26.7	27.1
27	27.8	25.8	26.5	---	---	---	31.6	30.0	30.7	27.0	26.3	26.7
28	27.8	26.6	27.2	---	---	---	31.1	30.5	30.8	26.3	25.2	25.8
29	28.9	27.4	28.1	---	---	---	30.9	30.2	30.6	26.5	25.0	25.6
30	29.1	27.8	28.7	31.6	30.6	30.9	30.4	29.9	30.1	26.7	24.6	25.6
31	---	---	---	33.4	30.8	31.5	30.1	29.3	29.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	31.1	24.6	28.4

08023080 BAYOU GRAND CANE NEAR STANLEY, LA

LOCATION.--Lat 31° 58' 45", long 93° 56' 02", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ 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 NGVD of 1929.

REMARKS.--Records good above 100 ft³/s, fair between 100 ft³/s and 50 ft³/s, and poor below. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 26	1400	921	10.53	Mar 6	1000	1,320	10.74
Feb 6	1800	811	10.35	May 2	1330	2,460	11.75
Feb 12	2100	1,260	10.93	Jun 24	0300	*7,410	*13.83
Feb 26	0900	1,770	11.21	Jun 29	0230	1,130	10.51
Mar 2	1230	1,250	10.66				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.32	0.00	11	34	62	483	43	543	32	387	1.2	4.3
2	0.23	0.00	8.1	25	55	1,130	30	2,030	262	479	1.7	3.6
3	0.15	0.00	5.9	21	89	605	25	1,130	588	147	1.3	2.9
4	0.10	0.00	3.0	21	61	179	21	240	483	49	0.79	3.1
5	0.12	0.00	1.3	33	257	615	18	54	177	30	0.60	3.0
6	0.28	0.00	0.60	43	690	1,180	16	33	41	20	0.52	2.8
7	0.34	0.00	0.81	36	454	527	15	24	25	15	0.31	7.2
8	0.19	0.00	0.59	27	79	105	20	19	26	13	0.33	4.5
9	0.44	0.00	2.8	29	49	64	68	17	136	11	0.44	3.4
10	0.99	0.00	20	43	506	49	34	15	225	57	0.45	2.8
11	1.8	0.00	52	37	1,120	41	24	13	78	43	0.63	2.3
12	0.33	0.00	26	28	1,210	36	26	27	31	15	2.7	1.7
13	0.91	0.00	39	23	997	34	90	107	20	9.7	1.7	1.5
14	0.92	0.00	77	21	525	34	144	422	20	7.7	1.1	1.2
15	1.4	0.00	52	21	592	42	62	512	62	6.4	1.0	0.94
16	0.87	6.1	27	21	540	45	35	119	205	5.5	1.1	0.76
17	0.72	57	18	69	138	40	25	44	130	5.6	2.1	0.58
18	0.00	203	14	157	113	34	19	27	55	9.7	2.4	0.40
19	0.00	197	12	101	83	29	16	19	50	4.8	3.8	0.23
20	0.00	94	10	57	59	26	14	15	574	3.3	6.8	0.12
21	0.00	24	7.9	40	48	35	13	13	190	3.7	9.7	0.07
22	0.00	12	6.1	30	39	61	12	11	53	3.9	10	0.04
23	0.00	8.2	15	24	149	45	11	9.5	1,570	2.6	8.9	0.02
24	0.00	6.7	29	35	674	31	11	8.4	4,130	1.9	7.0	1.3
25	0.00	6.0	37	417	1,360	26	143	7.9	1,070	1.6	0.10	2.5
26	0.00	7.4	23	842	1,580	24	500	7.2	432	1.4	0.17	1.9
27	0.00	59	17	422	708	23	500	7.3	269	1.1	0.25	1.4
28	0.00	111	15	65	135	23	75	7.5	736	0.99	0.27	1.4
29	0.00	39	45	38	72	77	36	8.3	905	0.82	0.40	1.4
30	0.00	16	107	72	---	162	46	18	218	0.85	0.46	1.3
31	0.00	---	61	114	---	95	---	13	---	0.80	3.1	---
TOTAL	10.11	846.40	744.10	2,946	12,444	5,900	2,092	5,521.1	12,793	1,338.36	71.32	58.66
MEAN	0.33	28.2	24.0	95.0	429	190	69.7	178	426	43.2	2.30	1.96
MAX	1.8	203	107	842	1,580	1,180	500	2,030	4,130	479	10	7.2
MIN	0.00	0.00	0.59	21	39	23	11	7.2	20	0.80	0.10	0.02
AC-FT	20	1,680	1,480	5,840	24,680	11,700	4,150	10,950	25,370	2,650	141	116
CFSM	0.00	0.39	0.33	1.31	5.92	2.63	0.96	2.46	5.88	0.60	0.03	0.03
IN.	0.01	0.43	0.38	1.51	6.39	3.03	1.07	2.83	6.56	0.69	0.04	0.03

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

MEAN	21.1	35.9	136	163	217	150	110	90.3	82.0	17.8	7.63	4.28
MAX	128	220	463	703	514	555	451	388	433	290	125	50.4
(WY)	(1998)	(1987)	(2002)	(1999)	(1987)	(2001)	(1991)	(1990)	(1989)	(1989)	(1997)	(2001)
MIN	0.00	0.00	0.04	0.39	1.94	0.90	0.49	0.04	0.03	0.00	0.00	0.00
(WY)	(1991)	(1996)	(1982)	(1981)	(1996)	(1996)	(1981)	(1996)	(1996)	(1984)	(1985)	(1982)

08023080 BAYOU GRAND CANE NEAR STANLEY, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1981 - 2004	
ANNUAL TOTAL	19,616		44,765		85.6	
ANNUAL MEAN	53.7		122		156	1989
HIGHEST ANNUAL MEAN					3.90	1996
LOWEST ANNUAL MEAN					6,230	May 18, 1989
HIGHEST DAILY MEAN	3,000	Feb 22	4,130	Jun 24		
LOWEST DAILY MEAN	0.00	Jun 3	a0.00		b0.00	
ANNUAL SEVEN-DAY MINIMUM	0.00	Oct 18	a0.00		b0.00	
MAXIMUM PEAK FLOW			7,410	Jun 24	9,740	Jan 29, 1999
MAXIMUM PEAK STAGE			13.83	Jun 24	15.48	Jan 29, 1999
INSTANTANEOUS LOW FLOW			a0.00		b0.00	
INSTANTANEOUS LOW STAGE			c2.50	Oct 19	*	
ANNUAL RUNOFF (AC-FT)	38,910		88,790		62,010	
ANNUAL RUNOFF (CFSM)	0.741		1.69		1.18	
ANNUAL RUNOFF (INCHES)	10.07		22.97		16.04	
10 PERCENT EXCEEDS	69		425		190	
50 PERCENT EXCEEDS	8.1		20		4.8	
90 PERCENT EXCEEDS	0.01		0.14		0.00	

a Many days

b At times most years

c Also occurred Oct 20

* Not determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.94	2.57	3.52	4.74	5.59	8.92	4.51	8.16	3.96	8.98	3.17	3.38
2	2.92	2.57	3.36	4.40	5.41	10.51	4.06	11.42	7.88	9.32	3.20	3.37
3	2.89	2.56	3.26	4.23	6.27	9.53	3.85	10.39	9.37	6.83	3.18	3.35
4	2.87	2.56	3.15	4.20	5.58	7.52	3.68	7.15	9.07	4.93	3.14	3.37
5	2.88	2.54	3.06	4.73	8.32	9.42	3.54	4.84	6.75	4.33	3.12	3.38
6	2.94	2.53	3.00	5.05	10.11	10.57	3.44	4.26	4.49	3.94	3.10	3.39
7	2.95	2.52	3.03	4.82	9.34	9.20	3.36	3.93	3.95	3.71	3.06	3.59
8	2.92	2.52	3.01	4.50	6.00	6.17	3.57	3.74	3.95	3.58	3.07	3.47
9	2.95	2.55	3.13	4.56	5.23	5.19	5.21	3.63	6.43	3.50	3.09	3.44
10	3.02	2.55	4.12	5.04	9.45	4.74	4.20	3.54	7.67	5.14	3.09	3.43
11	3.05	2.56	5.34	4.85	10.77	4.48	3.80	3.45	5.37	4.83	3.11	3.42
12	2.95	2.57	4.41	4.53	10.88	4.30	3.87	4.01	4.19	3.80	3.25	3.40
13	3.00	2.57	4.89	4.32	10.56	4.19	5.71	5.71	3.75	3.50	3.20	3.40
14	3.01	2.56	5.98	4.19	9.65	4.20	6.87	8.86	3.75	3.41	3.17	3.39
15	3.04	2.58	5.32	4.22	9.80	4.48	5.05	9.14	4.68	3.36	3.16	3.38
16	3.01	3.16	4.47	4.22	9.62	4.58	4.24	6.08	7.47	3.33	3.16	3.38
17	2.97	4.84	4.03	5.67	7.01	4.41	3.85	4.57	6.39	3.36	3.22	3.37
18	2.56	7.87	3.80	7.57	6.60	4.19	3.60	4.04	4.86	3.58	3.24	3.35
19	2.51	7.86	3.71	6.49	5.94	4.01	3.42	3.73	4.51	3.32	3.29	3.31
20	2.51	5.97	3.59	5.46	5.32	3.91	3.32	3.56	9.30	3.27	3.42	3.28
21	2.52	4.07	3.42	4.94	4.98	4.21	3.27	3.43	7.14	3.28	3.58	3.25
22	2.53	3.51	3.32	4.60	4.69	5.04	3.18	3.32	4.80	3.29	3.62	3.22
23	2.53	3.30	3.86	4.37	6.54	4.57	3.16	3.24	9.07	3.24	3.53	3.20
24	2.52	3.24	4.53	4.69	9.78	4.10	3.19	3.17	12.50	3.21	3.43	3.36
25	2.53	3.21	4.84	9.19	10.79	3.90	5.92	3.15	10.39	3.20	2.98	3.57
26	2.57	3.28	4.32	10.40	11.01	3.80	9.29	3.12	9.16	3.19	3.03	3.55
27	2.59	5.19	4.02	9.11	9.76	3.77	9.12	3.13	8.34	3.17	3.07	3.52
28	2.57	6.55	3.87	5.66	6.77	3.75	5.32	3.14	9.87	3.16	3.09	3.52
29	2.56	4.73	5.07	4.90	5.55	5.33	4.33	3.17	10.16	3.14	3.13	3.52
30	2.56	3.84	6.65	5.83	---	7.21	4.64	3.64	7.64	3.14	3.15	3.51
31	2.57	---	5.56	6.78	---	5.82	---	3.46	---	3.14	3.30	---
MAX	3.05	7.87	6.65	10.40	11.01	10.57	9.29	11.42	12.50	9.32	3.62	3.59
MIN	2.51	2.52	3.00	4.19	4.69	3.75	3.16	3.12	3.75	3.14	2.98	3.20

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 NGVD of 1929. Oct. 29, 1953 to Sept. 30, 1968, crest-stage gage at same site and datum.

REMARKS.--Records good above 50 cfs and fair below, except for estimated record, which is poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Nov 18	1530	1,860	16.11	Mar 2	0600	2,250	16.26
Feb 6	1100	1,610	15.82	May 2	1000	*2,740	*16.59
Feb 11	1230	1,840	16.00	Jun 24	1330	1,650	15.99

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	12	13	28	139	1,250	25	637	6.8	214	28	11
2	2.3	7.1	15	18	104	1,910	12	2,110	11	292	43	5.4
3	7.0	2.0	6.8	15	107	852	10	749	36	135	17	3.9
4	7.2	0.79	4.8	14	86	310	4.4	203	41	75	8.6	4.4
5	5.6	3.6	8.5	14	730	321	4.2	78	22	59	7.4	4.9
6	5.6	11	3.7	48	1,420	455	4.9	53	7.2	49	8.8	6.7
7	40	4.5	1.8	23	688	304	2.5	40	4.0	40	9.9	20
8	24	1.9	5.7	16	193	137	9.8	30	3.8	31	16	78
9	15	1.3	8.6	32	117	95	39	23	11	22	12	17
10	13	1.3	15	41	914	77	14	18	41	19	9.5	6.6
11	17	1.9	28	16	1,760	64	11	19	15	27	8.6	3.2
12	16	7.5	20	7.7	1,570	51	39	170	5.2	23	13	3.8
13	8.5	3.8	59	6.3	1,000	44	124	368	3.6	18	27	3.3
14	6.6	4.8	120	12	508	41	104	725	3.5	14	20	2.6
15	7.1	13	65	10	672	114	41	700	3.4	e11	17	4.1
16	9.5	15	40	4.2	459	98	19	227	20	e9.2	14	4.2
17	11	139	24	46	202	68	11	88	55	e8.8	17	3.5
18	4.2	1,470	15	148	194	51	7.5	61	26	e12	17	3.3
19	5.5	1,110	12	95	143	36	4.5	56	14	17	14	3.0
20	4.0	390	6.5	72	112	30	2.6	40	214	e11	13	1.8
21	1.3	113	4.5	54	95	71	1.8	27	468	e8.6	29	0.83
22	4.1	59	8.5	43	80	94	1.5	18	221	e15	65	3.0
23	4.0	48	8.3	39	333	52	1.2	14	208	11	47	4.4
24	3.8	56	33	59	948	29	1.1	9.9	1,110	e7.5	29	4.6
25	11	58	24	595	1,150	21	34	8.2	633	e9.3	21	5.6
26	14	33	16	683	761	20	243	9.9	189	17	16	3.7
27	17	46	9.6	332	414	15	204	9.5	145	8.6	20	2.8
28	15	45	4.1	112	163	23	62	9.9	278	14	21	3.5
29	13	33	29	86	124	91	66	5.3	207	e6.0	18	2.9
30	12	18	87	236	---	135	180	4.0	109	3.5	20	2.1
31	12	---	46	259	---	52	---	4.2	---	20	15	---
TOTAL	320.1	3,709.49	742.4	3,164.2	15,186	6,911	1,284.0	6,514.9	4,111.5	1,207.5	621.8	224.13
MEAN	10.3	124	23.9	102	524	223	42.8	210	137	39.0	20.1	7.47
MAX	40	1,470	120	683	1,760	1,910	243	2,110	1,110	292	65	78
MIN	1.3	0.79	1.8	4.2	80	15	1.1	4.0	3.4	3.5	7.4	0.83
AC-FT	635	7,360	1,470	6,280	30,120	13,710	2,550	12,920	8,160	2,400	1,230	445
CFSM	0.13	1.54	0.30	1.27	6.53	2.78	0.53	2.62	1.71	0.49	0.25	0.09
IN.	0.15	1.72	0.34	1.47	7.04	3.21	0.60	3.02	1.91	0.56	0.29	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2004, BY WATER YEAR (WY)

MEAN	15.1	44.0	136	187	225	164	134	105	68.3	18.9	8.06	11.7
MAX	126	305	498	971	592	595	544	530	574	288	65.8	85.0
(WY)	(1998)	(1987)	(2002)	(1999)	(1983)	(2001)	(1991)	(1983)	(1989)	(1989)	(1996)	(1991)
MIN	0.00	0.00	0.00	0.18	1.76	8.84	1.50	0.11	0.00	0.00	0.00	0.00
(WY)	(1981)	(1981)	(1981)	(1981)	(1981)	(1996)	(1981)	(2001)	(1988)	(1978)	(1980)	(1980)

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1978 - 2004	
ANNUAL TOTAL	24,498.2		43,997		92.5	
ANNUAL MEAN	67.1		120		190	
HIGHEST ANNUAL MEAN					1989	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	2,910	Feb 22	2,110	May 2	10,700	May 18, 1989
LOWEST DAILY MEAN	0.20	Jun 7	0.79	Nov 4	0.00	Oct 1, 1977
ANNUAL SEVEN-DAY MINIMUM	0.24	Jun 4	2.8	Sep 16	0.00	Oct 1, 1977
MAXIMUM PEAK FLOW			2,740	May 2	21,300	Sep 20, 1958
MAXIMUM PEAK STAGE			16.59	May 2	21.19	May 18, 1989
INSTANTANEOUS LOW FLOW			0.46	Nov 5	a0.00	
INSTANTANEOUS LOW STAGE			6.76	Jul 30	*	
ANNUAL RUNOFF (AC-FT)	48,590		87,270		67,040	
ANNUAL RUNOFF (CFSM)	0.837		1.50		1.15	
ANNUAL RUNOFF (INCHES)	11.36		20.41		15.68	
10 PERCENT EXCEEDS	124		306		190	
50 PERCENT EXCEEDS	11		19		7.4	
90 PERCENT EXCEEDS	0.97		3.8		0.00	

a At times most years

e Estimated

* Not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.31	7.66	8.00	8.49	10.55	15.14	8.39	13.12	7.36	11.99	7.67	7.18
2	7.18	7.48	8.07	8.27	9.81	16.03	8.08	16.24	7.50	13.25	8.09	6.93
3	7.48	7.13	7.81	8.21	9.87	14.97	7.99	15.05	8.20	10.48	7.37	6.83
4	7.50	6.95	7.72	8.18	9.35	13.13	7.72	11.83	8.32	9.05	7.10	6.86
5	7.42	7.12	7.93	8.17	14.15	13.24	7.70	9.38	7.83	8.55	7.05	6.89
6	7.39	7.64	7.68	9.02	15.66	14.19	7.74	8.65	7.37	8.23	7.11	7.01
7	8.31	7.35	7.51	8.39	14.57	13.05	7.56	8.27	7.19	7.98	7.15	7.45
8	7.94	7.13	7.83	8.24	11.51	10.66	7.79	8.01	7.18	7.73	7.35	9.13
9	7.74	7.04	7.98	8.62	10.09	9.77	8.75	7.85	7.43	7.52	7.24	7.60
10	7.69	7.06	8.20	8.84	14.77	9.34	8.11	7.73	8.32	7.45	7.14	7.39
11	7.79	7.10	8.51	8.22	15.94	9.03	8.04	7.75	7.66	7.63	7.10	7.33
12	7.78	7.51	8.33	7.94	15.79	8.68	8.75	11.05	7.27	7.53	7.25	7.45
13	7.54	7.31	9.32	7.87	15.20	8.51	10.79	13.99	7.16	7.42	7.63	7.40
14	7.47	7.33	10.76	8.12	14.29	8.44	10.36	15.10	7.15	7.30	7.47	7.32
15	7.49	7.69	9.48	8.04	14.73	10.29	8.80	15.04	7.14	---	7.38	7.47
16	7.58	7.75	8.81	7.74	14.01	10.01	8.25	12.22	7.75	---	7.31	7.47
17	7.63	10.45	8.40	8.90	11.73	9.30	8.02	9.63	8.71	---	7.38	7.42
18	7.33	15.77	8.20	11.20	11.60	8.83	7.90	8.89	7.93	---	7.38	7.41
19	7.37	15.54	8.10	10.05	10.63	8.46	7.73	8.74	7.60	7.38	7.29	7.38
20	7.31	13.78	7.89	9.42	9.99	8.32	7.57	8.29	12.04	---	7.28	7.24
21	7.05	10.08	7.76	8.84	9.59	9.46	7.46	7.94	14.41	---	7.70	7.06
22	7.23	8.91	7.98	8.44	9.21	10.06	7.43	7.74	11.86	---	8.73	7.36
23	7.32	8.63	7.97	8.27	12.36	9.00	7.36	7.62	11.63	7.20	8.18	7.50
24	7.22	8.87	8.62	8.71	15.15	8.42	7.35	7.50	15.38	---	7.67	7.50
25	7.64	8.96	8.41	14.35	15.39	8.26	8.41	7.43	14.78	---	7.50	7.56
26	7.68	8.32	8.22	14.74	14.89	8.26	12.81	7.50	11.55	7.38	7.37	7.44
27	7.80	8.68	8.02	13.06	13.71	8.15	12.08	7.48	10.69	7.10	7.46	7.36
28	7.74	8.68	7.74	9.97	11.02	8.35	9.13	7.49	13.11	7.29	7.50	7.42
29	7.70	8.42	8.53	9.36	10.23	10.03	9.13	7.28	11.91	---	7.40	7.37
30	7.67	8.11	10.04	12.22	---	11.04	11.64	7.20	9.92	6.79	7.45	7.27
31	7.67	---	8.98	12.59	---	9.09	---	7.21	---	7.42	7.34	---
MAX	8.31	15.77	10.76	14.74	15.94	16.03	12.81	16.24	15.38	13.25	8.73	9.13
MIN	7.05	6.95	7.51	7.74	9.21	8.15	7.35	7.20	7.14	6.79	7.05	6.83

08025500 BAYOU TORO NEAR TORO, LA

LOCATION.--Lat 31° 18'25", long 93° 30'56", in SW $\frac{1}{4}$ 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 Hornbeck.

DRAINAGE AREA.--148 mi².

PERIOD OF RECORD.--October 1955 to September 1986, October 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 138.00 ft above NGVD of 1929 (levels by Louisiana Department of Transportation and Development). Nonrecording gage at same site and datum read once daily from Dec. 2, 1985 to May 15, 1986 and twice daily May 16, 1986 to Sept. 30, 1986. Prior to Dec. 2, 1985 at site 500 ft downstream at same datum.

REMARKS.--Records good above 10 cfs and fair below, except for periods of estimated record, which are poor. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Nov 27	0630	2,190	13.11	May 1	2000	3,420	17.21
Feb 6	1430	4,490	17.68	May 13	0900	*5,720	*20.84
Feb 12	0930	4,170	17.24	Jul 1	0430	1,930	13.07
Apr 30	2330	2,050	13.46				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	6.6	84	87	405	214	99	2,090	55	1,730	24	13
2	7.3	6.2	67	68	233	365	75	2,490	58	1,280	228	12
3	7.2	5.9	56	60	202	382	64	1,810	80	435	156	12
4	7.3	6.5	50	56	163	288	57	446	108	190	46	11
5	7.1	6.7	45	51	2,970	257	50	199	80	124	31	12
6	6.4	6.2	42	46	4,110	392	46	134	56	185	26	12
7	6.5	6.0	38	40	2,380	273	45	103	53	136	24	12
8	6.7	6.0	37	42	493	173	44	84	52	e92	21	12
9	7.7	6.3	38	84	282	134	44	72	52	e91	19	12
10	12	6.8	73	109	1,170	114	42	62	56	e237	18	11
11	17	7.7	107	76	2,680	101	68	72	54	283	17	9.5
12	20	7.3	65	56	3,900	93	159	3,040	50	123	21	8.5
13	14	7.2	81	48	2,550	88	327	5,030	81	e85	22	7.9
14	11	7.0	200	44	1,230	151	232	3,200	197	e55	19	7.5
15	10	6.8	115	42	1,250	288	105	1,360	79	46	16	7.1
16	9.0	7.1	73	41	647	191	68	489	127	39	15	7.0
17	8.5	67	59	81	362	137	51	e389	190	35	14	6.7
18	7.9	914	51	165	307	105	42	542	133	32	13	6.3
19	7.4	834	44	132	250	89	35	334	91	30	13	6.0
20	7.0	179	41	85	212	81	31	243	113	28	15	5.6
21	6.8	71	37	62	180	89	28	168	189	26	26	5.3
22	6.6	47	35	51	154	94	26	134	221	24	33	5.0
23	6.6	38	36	45	321	80	25	113	199	23	27	6.2
24	6.4	54	40	43	461	73	23	98	249	22	30	13
25	6.2	65	45	1,240	1,070	69	51	86	512	21	30	30
26	6.3	83	39	1,210	1,100	68	301	76	386	22	27	25
27	6.3	1,830	36	367	470	66	170	69	483	27	21	19
28	6.5	1,090	33	162	274	65	64	64	880	31	18	14
29	8.8	225	236	122	210	213	38	60	420	26	17	11
30	7.8	113	333	1,120	---	379	336	57	832	23	15	9.4
31	7.2	---	146	1,200	---	175	---	56	---	22	14	---
TOTAL	263.7	5,716.3	2,382	7,035	30,036	5,287	2,746	23,170	6,136	5,523	1,016	329.0
MEAN	8.51	191	76.8	227	1,036	171	91.5	747	205	178	32.8	11.0
MAX	20	1,830	333	1,240	4,110	392	336	5,030	880	1,730	228	30
MIN	6.2	5.9	33	40	154	65	23	56	50	21	13	5.0
AC-FT	523	11,340	4,720	13,950	59,580	10,490	5,450	45,960	12,170	10,950	2,020	653
CFSM	0.06	1.29	0.52	1.53	7.00	1.15	0.62	5.05	1.38	1.20	0.22	0.07
IN.	0.07	1.44	0.60	1.77	7.55	1.33	0.69	5.82	1.54	1.39	0.26	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2004, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)	MEAN	MAX	(WY)	MIN	(WY)
	49.9	695	(1985)	1.70	(1964)	114	663	(2002)	5.12	(1982)	202	1,166	(1983)	7.96	(1982)	310	1,228	(1999)	11.5	(2000)	331	1,117	(1975)	10.5	(2000)
	270	789	(1961)	18.0	(1996)	238	1,354	(1968)	13.1	(1981)	194	1,223	(1975)	4.14	(1971)	110	886	(1989)	2.62	(1956)	57.9	198	(1958)	0.92	(1956)

08025500 BAYOU TORO NEAR TORO, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1956 - 2004	
ANNUAL TOTAL	53,447		89,640		162	
ANNUAL MEAN	146		245		409	
HIGHEST ANNUAL MEAN					23.2	
LOWEST ANNUAL MEAN					1975	
HIGHEST DAILY MEAN	6,030	Feb 22	5,030	May 13	21,600	Apr 9, 1968
LOWEST DAILY MEAN	4.8	Aug 10	5.0	Sep 22	0.10	Sep 29, 1956
ANNUAL SEVEN-DAY MINIMUM	5.5	Aug 4	5.9	Sep 17	0.13	Sep 27, 1956
MAXIMUM PEAK FLOW			5,720	May 13	31,200	Apr 9, 1968
MAXIMUM PEAK STAGE			20.84	May 13	25.73	Apr 9, 1968
INSTANTANEOUS LOW FLOW			a4.8	Sep 22	c0.10	Sep 29, 1956
INSTANTANEOUS LOW STAGE			b2.84	Nov 3	d2.40	Sep 30, 1956
ANNUAL RUNOFF (AC-FT)	106,000		177,800		117,200	
ANNUAL RUNOFF (CFSM)	0.989		1.65		1.09	
ANNUAL RUNOFF (INCHES)	13.43		22.53		14.85	
10 PERCENT EXCEEDS	297		474		301	
50 PERCENT EXCEEDS	39		56		33	
90 PERCENT EXCEEDS	7.3		7.2		5.8	

a Also occurred Sep. 23

b Also occurred Nov. 4, 7, 8

c Also occurred Sep. 30, Oct. 1, 1956

d Also occurred Oct. 1, 1956

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.95	2.88	4.41	4.45	6.57	5.52	4.59	13.12	4.23	12.37	3.57	3.22
2	2.91	2.86	4.20	4.22	5.65	6.38	4.31	14.80	4.27	10.60	5.45	3.18
3	2.90	2.84	4.05	4.11	5.45	6.47	4.16	12.61	4.54	6.75	5.04	3.18
4	2.91	2.87	3.96	4.05	5.16	5.96	4.06	6.80	4.84	5.47	3.97	3.17
5	2.90	2.88	3.88	3.98	14.60	5.79	3.96	5.53	4.54	4.99	3.71	3.18
6	2.87	2.86	3.82	3.89	17.12	6.53	3.89	5.08	4.24	5.45	3.58	3.20
7	2.87	2.85	3.76	3.79	13.45	5.87	3.87	4.79	4.20	5.08	3.54	3.19
8	2.88	2.85	3.73	3.81	6.99	5.25	3.86	4.59	4.19	---	3.48	3.21
9	2.92	2.86	3.75	4.41	5.93	4.94	3.85	4.45	4.19	---	3.42	3.19
10	3.10	2.88	4.27	4.70	9.59	4.75	3.82	4.33	4.24	---	3.39	3.14
11	3.26	2.93	4.67	4.31	14.25	4.62	4.19	4.39	4.22	5.98	3.37	3.10
12	3.35	2.91	4.18	4.05	16.80	4.53	5.13	15.57	4.17	4.91	3.47	3.06
13	3.18	2.90	4.36	3.92	14.01	4.47	6.18	19.96	4.41	---	3.50	3.03
14	3.07	2.90	5.43	3.86	10.06	4.89	5.62	16.58	5.43	---	3.41	3.02
15	3.02	2.88	4.74	3.82	10.13	5.96	4.67	10.81	4.54	4.00	3.33	2.99
16	2.98	2.90	4.28	3.80	7.72	5.37	4.26	7.02	4.90	3.90	3.29	2.98
17	2.96	4.09	4.09	4.33	6.37	4.96	4.05	---	5.48	3.82	3.26	2.97
18	2.93	8.70	3.97	5.18	6.07	4.66	3.91	7.27	5.05	3.77	3.23	2.95
19	2.91	8.51	3.86	4.91	5.75	4.48	3.81	6.27	4.66	3.73	3.22	2.94
20	2.89	5.21	3.79	4.42	5.51	4.38	3.74	5.79	4.87	3.68	3.29	2.91
21	2.88	4.24	3.73	4.14	5.30	4.48	3.71	5.33	5.43	3.64	3.60	2.90
22	2.88	3.91	3.70	3.97	5.10	4.53	3.69	5.08	5.50	3.59	3.74	2.88
23	2.88	3.75	3.71	3.87	6.12	4.36	3.68	4.89	5.53	3.57	3.62	2.94
24	2.86	4.02	3.78	3.85	6.88	4.28	3.65	4.74	5.80	3.54	3.67	3.22
25	2.86	4.17	3.87	9.92	9.42	4.23	4.04	4.61	7.13	3.53	3.68	3.67
26	2.86	4.19	3.78	9.99	9.58	4.21	6.10	4.50	6.52	3.55	3.61	3.57
27	2.86	12.06	3.71	6.36	6.91	4.19	5.30	4.41	6.92	3.66	3.48	3.41
28	2.87	9.49	3.67	5.16	5.88	4.17	4.35	4.35	8.84	3.74	3.39	3.28
29	2.97	5.56	5.46	4.83	5.50	5.30	3.97	4.30	6.68	3.65	3.36	3.17
30	2.93	4.74	6.21	9.61	---	6.46	5.40	4.27	8.57	3.59	3.31	3.10
31	2.90	---	5.02	9.95	---	5.24	---	4.25	---	3.54	3.25	---
MAX	3.35	12.06	6.21	9.99	17.12	6.53	6.18	19.96	8.84	12.37	5.45	3.67
MIN	2.86	2.84	3.67	3.79	5.10	4.17	3.65	4.25	4.17	3.53	3.22	2.88

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 NGVD of 1929. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good above 10 ft³/s and fair below. Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Vernon Lake (usable capacity, 580,000 acre-ft) since May 1963. Effected by occasional regulation July to September in most years caused by temporary lowering of the reservoirs upstream.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	17	448	751	e2,740	848	323	1,170	161	3,170	169	61
2	21	17	358	564	e1,810	730	271	3,710	158	3,150	437	57
3	22	16	274	446	1,330	678	228	4,760	256	2,740	242	51
4	19	16	215	368	986	650	194	4,660	250	1,670	122	52
5	17	16	175	328	2,080	616	171	3,050	170	1,140	99	79
6	17	16	144	289	3,250	641	144	1,350	131	882	105	75
7	20	16	117	210	3,340	631	157	893	107	710	100	74
8	29	17	99	177	2,610	569	148	656	93	588	80	62
9	29	17	92	329	1,470	479	144	507	143	493	69	54
10	74	19	209	353	1,750	413	132	404	110	414	62	47
11	85	18	228	295	3,430	346	1,760	339	93	415	58	44
12	54	19	185	234	5,360	307	2,090	2,690	82	352	71	43
13	42	18	745	199	5,990	284	e1,680	7,890	73	283	108	42
14	35	17	1,100	174	5,280	263	1,050	9,310	86	225	70	42
15	34	21	669	163	4,260	383	667	6,500	92	182	61	41
16	28	29	462	148	3,330	526	477	5,040	114	149	52	40
17	24	60	362	379	2,050	534	365	3,790	228	120	49	40
18	21	571	270	1,100	1,410	468	289	2,400	243	102	46	39
19	24	1,200	210	844	1,080	408	226	1,790	194	100	45	38
20	21	947	168	555	871	356	185	1,370	221	89	45	37
21	20	653	141	416	742	330	156	1,010	242	76	239	38
22	18	456	120	326	628	329	137	756	387	66	198	38
23	18	349	175	272	850	280	120	585	513	59	105	44
24	17	586	325	234	1,730	227	113	470	1,320	54	91	148
25	17	463	231	2,430	2,320	200	231	384	2,430	60	88	210
26	17	343	159	3,370	2,710	186	967	320	2,440	499	87	185
27	18	490	129	3,010	2,230	178	797	267	1,730	429	93	94
28	20	684	113	1,770	1,470	165	448	218	2,300	179	79	67
29	19	614	517	1,070	1,080	215	318	199	2,570	114	73	57
30	18	550	1,370	2,110	---	385	243	174	2,450	105	74	52
31	17	---	1,120	2,930	---	385	---	151	---	112	76	---
TOTAL	840	8,255	10,930	25,844	68,187	13,010	14,231	66,813	19,387	18,727	3,293	1,951
MEAN	27.1	275	353	834	2,351	420	474	2,155	646	604	106	65.0
MAX	85	1,200	1,370	3,370	5,990	848	2,090	9,310	2,570	3,170	437	210
MIN	17	16	92	148	628	165	113	151	73	54	45	37
AC-FT	1,670	16,370	21,680	51,260	135,200	25,810	28,230	132,500	38,450	37,140	6,530	3,870
CFSM	0.07	0.75	0.97	2.28	6.44	1.15	1.30	5.90	1.77	1.66	0.29	0.18
IN.	0.09	0.84	1.11	2.63	6.95	1.33	1.45	6.81	1.98	1.91	0.34	0.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2004, BY WATER YEAR (WY)

	MEAN	167	376	713	786	920	735	715	616	300	237	148	163
MAX	1,227	2,573	6,006	2,741	4,220	1,901	2,402	6,181	2,628	2,665	2,286	1,698	1,698
(WY)	(2003)	(2003)	(1983)	(1990)	(1966)	(1973)	(1952)	(1953)	(1989)	(1989)	(1955)	(1958)	(1958)
MIN	7.95	13.5	40.1	25.8	24.6	92.7	42.9	36.6	15.7	14.8	9.17	9.18	9.18
(WY)	(1964)	(1968)	(1955)	(2000)	(2000)	(2000)	(1981)	(1978)	(1971)	(1998)	(2000)	(1993)	(1993)

08028000 BAYOU ANACOCO NEAR ROSE PINE, LA—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1952 - 2004	
ANNUAL TOTAL	128,549		251,468			
ANNUAL MEAN	352		687		488	
HIGHEST ANNUAL MEAN					1,265	1983
LOWEST ANNUAL MEAN					102	1981
HIGHEST DAILY MEAN	6,870	Feb 23	9,310	May 14	49,900	Apr 30, 1953
LOWEST DAILY MEAN	12	Aug 27	a16	Nov 3	4.9	Sep 7, 2000
ANNUAL SEVEN-DAY MINIMUM	16	Aug 21	16	Nov 1	5.3	Sep 2, 2000
MAXIMUM PEAK FLOW			10,500	May 13	64,300	May 19, 1953
MAXIMUM PEAK STAGE			22.02	May 13	28.38	May 19, 1953
INSTANTANEOUS LOW FLOW			b16	Nov 3	c4.0	Sep 28, 1981
INSTANTANEOUS LOW STAGE			b2.97	Nov 3	*	
ANNUAL RUNOFF (AC-FT)	255,000		498,800		353,200	
ANNUAL RUNOFF (CFSM)	0.965		1.88		1.34	
ANNUAL RUNOFF (INCHES)	13.10		25.63		18.15	
10 PERCENT EXCEEDS	762		2,150		1,110	
50 PERCENT EXCEEDS	111		228		147	
90 PERCENT EXCEEDS	19		25		19	

a Also occurred Nov. 4-7

b Also occurred Nov. 4-7, 14

c Also occurred Sep 29, 30, 1981.

e Estimated

* Not Determined

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.06	2.98	5.63	7.05	---	7.47	4.97	8.20	4.08	15.36	3.98	3.27
2	3.03	2.98	5.16	6.20	---	6.96	4.68	16.98	4.06	15.33	5.45	3.24
3	3.04	2.98	4.70	5.62	9.37	6.73	4.46	19.44	4.60	14.06	4.41	3.19
4	3.00	2.97	4.38	5.22	8.04	6.60	4.27	19.24	4.57	10.54	3.71	3.21
5	2.98	2.97	4.16	5.00	11.90	6.45	4.14	14.99	4.13	8.56	3.55	3.41
6	2.98	2.97	3.98	4.78	15.65	6.56	3.98	9.45	3.90	7.51	3.60	3.38
7	3.01	2.98	3.81	4.36	15.90	6.51	4.06	7.66	3.74	6.77	3.56	3.38
8	3.11	2.98	3.68	4.18	13.70	6.22	4.00	6.63	3.65	6.20	3.42	3.28
9	3.11	2.99	3.64	5.00	9.89	5.79	3.98	5.92	3.97	5.74	3.33	3.22
10	3.47	3.00	4.34	5.13	10.83	5.45	3.90	5.40	3.76	5.34	3.28	3.16
11	3.55	2.99	4.46	4.81	16.10	5.10	10.74	5.06	3.64	5.35	3.25	3.14
12	3.32	3.01	4.22	4.49	20.24	4.88	12.04	13.49	3.56	5.01	3.35	3.12
13	3.22	2.99	6.87	4.30	20.90	4.75	---	21.23	3.50	4.63	3.61	3.11
14	3.17	2.98	8.49	4.16	20.18	4.64	8.29	21.84	3.58	4.32	3.34	3.11
15	3.16	3.03	6.68	4.09	18.44	5.29	6.67	21.13	3.62	4.08	3.28	3.11
16	3.10	3.10	5.70	4.00	15.85	6.02	5.78	19.83	3.75	3.88	3.21	3.10
17	3.05	3.36	5.18	5.20	11.91	6.05	5.20	17.17	4.43	3.70	3.17	3.10
18	3.03	6.01	4.68	8.52	9.67	5.73	4.78	13.03	4.50	3.58	3.15	3.09
19	3.05	8.89	4.36	7.44	8.42	5.43	4.44	11.04	4.23	3.56	3.14	3.08
20	3.02	7.88	4.12	6.15	7.57	5.15	4.22	9.53	4.37	3.48	3.14	3.07
21	3.01	6.61	3.96	5.47	7.01	5.01	4.05	8.12	4.48	3.39	4.34	3.07
22	3.00	5.67	3.83	4.99	6.50	5.01	3.93	7.07	5.25	3.31	4.16	3.08
23	2.99	5.11	4.15	4.69	7.44	4.73	3.82	6.30	5.89	3.26	3.60	3.13
24	2.98	6.30	4.98	4.49	10.82	4.45	3.78	5.74	9.13	3.22	3.50	3.87
25	2.98	5.70	4.47	12.88	12.80	4.30	4.45	5.30	13.11	3.26	3.48	4.23
26	2.98	5.08	4.07	16.00	14.03	4.23	7.95	4.95	13.14	5.74	3.47	4.09
27	2.99	5.83	3.88	14.94	12.49	4.18	7.23	4.66	10.76	5.39	3.51	3.52
28	3.01	6.75	3.78	10.95	9.91	4.10	5.63	4.40	12.70	4.05	3.41	3.32
29	3.00	6.43	5.81	8.39	8.42	4.38	4.94	4.30	13.54	3.66	3.37	3.24
30	2.99	6.13	9.54	12.03	---	5.31	4.53	4.16	13.16	3.59	3.38	3.20
31	2.98	---	8.57	14.69	---	5.31	---	4.02	---	3.64	3.39	---
MAX	3.55	8.89	9.54	16.00	20.90	7.47	12.04	21.84	13.54	15.36	5.45	4.23
MIN	2.98	2.97	3.64	4.00	6.50	4.10	3.78	4.02	3.50	3.22	3.14	3.07

08028200 BAYOU ANACOCO NEAR KNIGHT, LA

LOCATION.--Lat 30° 52'14", long 93° 30'38", in SE $\frac{1}{4}$ 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 TEMPERATURE: 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 TEMPERATURE: 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 2003 TO SEPTEMBER 2004

Date	Time	Color, water, fltrd, Pt-Co units (00080)	Turbid- ity, wat unf lab, Hach 2100AN NTU (99872)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)
NOV 20...	1115	200d	68	--	6.9	263	18.0	20	6.76	.864	3.15	40.8	27
JAN 28...	1230	88d	57	7.7	6.7	84	10.2	11	3.41	.622	1.82	11.8	14
MAR 26...	1315	125d	19	--	7.2	308	22.4	25	8.17	1.16	2.69	50.2	42
MAY 26...	1440	250d	32	6.6	6.8	227	27.6	22	7.30	1.00	2.31	34.4	33
JUL 21...	1340	88d	20	5.7	7.2	378	26.8	33	10.8c	1.36c	3.13c	60.1c	--
SEP 22...	1345	750d	300	6.0	7.8	508	27.3	32	10.3	1.51	3.75	88.7	63

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

Date	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)
NOV 20...	12.9	<.2	10.1	65.5	157	195	.95	.17	.06	.047	.12	.11	13.6
JAN 28...	4.58	<.2	8.84	12.5	52	75	.86	<.04	<.06	.008	<.04	.07	--
MAR 26...	12.9	<.2	14.1	66.4	182	199	.69	.09	.07	E.006n	E.04n	.08	--
MAY 26...	10.7	<.2	16.9	46.2	140	161	.60	.07	.13	.024	E.02n	.08	--
JUL 21...	16.7	<.2	17.2c	86.9	230	258	.62	.04	.26	.031	.04	.09	--
SEP 22...	20.1	<.2	15.8	123	303	328	.86	E.04n	.33	.014	.05	.29	--

08028200 BAYOU ANACOCO NEAR KNIGHT, LA—Continued

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

[illegible]

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

[illegible]

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

[illegible]

08028200 BAYOU ANACOCO NEAR KNIGHT, LA—Continued

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

Date	Di-methyl phthal- ate, water, unfltrd ug/L (34341)	Di-n- butyl phthal- ate, water, unfltrd ug/L (39110)	Di-n- octyl phthal- ate, water, unfltrd ug/L (34596)	Fluor- anthene water, unfltrd ug/L (34376)	Hexa- chloro- benzene water, unfltrd ug/L (39700)	Hexa- chloro- cyclo- penta- diene, wat unf ug/L (34386)	Indeno- [1,2,- 3-cd]- pyrene, water, unfltrd ug/L (34403)	Iso- phorone water, unfltrd ug/L (34408)	Nitro- benzene water, unfltrd ug/L (34447)	N- Nitroso- di-methyl- amine, wat unf ug/L (34438)	N- Nitroso- di-n- propyl- amine, wat unf ug/L (34428)	N- Nitroso- di-phenyl- amine, wat unf ug/L (34433)	Penta- chloro- phenol, water, unfltrd ug/L (39032)
NOV 20...	<1	Mt	<2	<1	<1	<1mc	<2	Mt	<1	<2	<2	<2mc	<2mc
JAN 28...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 22...	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Date	Phenan- threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	1,2,4- Tri- chloro- benzene water, unfltrd ug/L (34551)	1,3-Di- chloro- benzene water, unfltrd ug/L (34566)	1,4-Di- chloro- benzene water, unfltrd ug/L (34571)	Hexa- chloro- buta- diene, water, unfltrd ug/L (39702)	Hexa- chloro- ethane, water, unfltrd ug/L (34396)	Naphth- alene, water, unfltrd ug/L (34696)
NOV 20...	<1	<1.6	<2	<1	<1	<1	<1mc	<2mc	<2
JAN 28...	--	--	--	--	--	--	--	--	--
MAR 26...	--	--	--	--	--	--	--	--	--
MAY 26...	--	--	--	--	--	--	--	--	--
JUL 21...	--	--	--	--	--	--	--	--	--
SEP 22...	--	--	--	--	--	--	--	--	--

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

Date	Organic carbon, water, unfltrd mg/L (00680)	1,2-Di- phenyl- hydraz- ine, water, unfltrd ug/L (82626)	2,4,6- Tri- chloro- phenol, water, unfltrd ug/L (34621)	2,4-Di- chloro- phenol, water, unfltrd ug/L (34601)	2,4-Di- methyl- phenol, water, unfltrd ug/L (34606)	2,4-Di- nitro- phenol, water, unfltrd ug/L (34616)	2,4-Di- nitro- toluene water, unfltrd ug/L (34611)	2,6-Di- nitro- toluene water, unfltrd ug/L (34626)	2- Chloro- naphth- alene, water, unfltrd ug/L (34581)	2- chloro- phenol, water, unfltrd ug/L (34586)	2- Methyl- 4,6-di- nitro- phenol, wat unf ug/L (34657)	2- nitro- phenol, water, unfltrd ug/L (34591)	3,3-Di' chloro- benzi- dine, water, unfltrd ug/L (34631)
NOV 20...	13.6	<2	<1	<2	<2.0	<3	<1	<2	<1	<1	<2mc	<1	<.9mc

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

Date	4- Bromo- phenyl phenyl ether, wat unf ug/L (34636)	4- Chloro- 3- methyl- phenol, wat unf ug/L (34452)	4- Chloro- phenyl phenyl ether, wat unf ug/L (34641)	4- Nitro- phenol, water, unfltrd ug/L (34646)	9H- Fluor- ene, water, unfltrd ug/L (34381)	Ace- naphth- ene, water, unfltrd ug/L (34205)	Ace- naphth- ylene, water, unfltrd ug/L (34200)	Anthra- cene, water, unfltrd ug/L (34220)	Benzi- dine, water, unfltrd ug/L (39120)	Benzo- [a]- anthra- cene, water, unfltrd ug/L (34526)	Benzo- [a]- pyrene, water, unfltrd ug/L (34247)	Benzo- [b]- fluor- anthene water, unfltrd ug/L (34230)	Benzo- [g,h,i]- per- ylene, water, unfltrd ug/L (34521)
NOV 20...	<2	<2	<1	<2mc	<1	<2	<2	<2	<1000mc	<2	<1	<2	<2

08028200 BAYOU ANACOCO NEAR KNIGHT, LA—Continued

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

Date	Benzo- [k]- fluor- anthene water unfltrd ug/L (34242)	Benzyl n-butyl phthal- ate, water, unfltrd ug/L (34292)	Bis(2- chloro- ethoxy) methane water, unfltrd ug/L (34278)	Bis(2- chloro- ethyl) ether, water, unfltrd ug/L (34273)	Bis(2- chloro- iso- propyl) ether, wat unf ug/L (34283)	Bis(2- ethyl- hexyl) phthal- ate, wat unf ug/L (39100)	Chrys- ene, water, unfltrd ug/L (34320)	Di- benzo- [a,h]- anthra- cene, wat unf ug/L (34556)	Di- ethyl phthal- ate, water, unfltrd ug/L (34336)	Di- methyl phthal- ate, water, unfltrd ug/L (34341)	Di-n- butyl phthal- ate, water, unfltrd ug/L (39110)	Di-n- octyl phthal- ate, water, unfltrd ug/L (34596)	Fluor- anthene water unfltrd ug/L (34376)
NOV 20...	<1	<2	<1	<1	<1	<2	<1	<2	<2	<1	Mt	<2	<1

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

Date	Hexa- chloro- benzene water unfltrd ug/L (39700)	Hexa- chloro- cyclo- penta- diene, wat unf ug/L (34386)	Indeno- [1,2,3- cd]- pyrene, water, unfltrd ug/L (34403)	Iso- phorone water unfltrd ug/L (34408)	Nitro- benzene water unfltrd ug/L (34447)	N- Nitroso- di- methyl- amine, wat unf ug/L (34438)	N- Nitroso- di-n- propyl- amine, wat unf ug/L (34428)	N- Nitroso- di- phenyl- amine, wat unf ug/L (34433)	Penta- chloro- phenol, water, unfltrd ug/L (39032)	Phenan- threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)
NOV 20...	<1	<1mc	<2	Mt	<1	<2	<2	<2mc	<2mc	<1	<1.6	<2	<1

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

Date	1,3-Di- chloro- benzene water unfltrd ug/L (34566)	1,4-Di- chloro- benzene water unfltrd ug/L (34571)	Hexa- chloro- buta- diene, water, unfltrd ug/L (39702)	Hexa- chloro- ethane, water, unfltrd ug/L (34396)	Naphth- alene, water, unfltrd ug/L (34696)
NOV 20...	<1	<1	<1mc	<2mc	<2

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

Value qualifier codes used in this table:

c -- See laboratory comment

d -- Diluted sample: method hi range exceeded

k -- Counts outside acceptable range

m -- Value is highly variable by this method

n -- Below the LRL and above the LT-MDL

t -- Below the long-term MDL

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than at stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of peak elevation at flood-profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow; and discharge measurements made for a special studies are presented following the partial-record tables.

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2004

Station name and number	Location and drainage area	Period of record	Water Year 2004 maximum				Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)	
RED RIVER BASIN									
Indian Creek at Shongaloo, La. (07348725)	Lat 32°55'55", long 93°17'30", Webster Parish, at bridge on State Highway 159, and 0.8 mi southeast of Shongaloo. Drainage area is 33.1 mi ² .	1966-04	3-01-04	43.12	1,760	4-28-91	46.86	15,200	
Rambin Bayou near Frierson, La. (07351670)	Lat 32°13'25", long 93°42'15", De Soto Parish, at bridge on State Highway 175, and 1.75 mi south of Frierson. Drainage area is 59.6 mi ² .	1966-04	5-01-04	10.67	3,122	5-21-83	15.15	13,600	
Kepler Creek at Sparta, La. (07352400)	Lat 32°22'05", long 93°05'35", Red River Parish, at bridge on State Highway 507, and 0.8 mi west of Sparta. Drainage area is 21.1 mi ² .	1954-68, 1974-04	6-25-04	44.67	1,220	12-10-83	46.04	5,280	
Grand Bayou near Coushatta, La. (07352800)	Lat 32°02'55", long 93°18'10", Bienville Parish, at bridge on State Highway 155, and 3.3 mi northeast of Coushatta. Drainage area is 93.9 mi ² .	1956-77, 1979-04	2-05-04	9.03	1,043	5-18-89	14.04	15,400	
Kisatchie Bayou at Kisatchie, La. (07353990)	Lat 31°25'20", long 93°10'14", Natchitoches Parish, at bridge on State Highway 117 and 0.6 mi north of Kisatchie. Drainage area is 37.3 mi ² .	1966-04	5-12-04	22.80	4,580	12-27-82	26.13	17,800	
Sugar Creek near Arcadia, La. (07364870)	Lat 32°41'20", long 92°51'30", Claiborne-Lincoln Parish line, at bridge on State Highway 146, and 10.3 mi northeast of Arcadia. Drainage area is approximately 47 mi ² .	1966-04	2-05-04	44.55	2,680	4-29-91	48.34	15,000	
Bayou Choudrant tributary near Tremont, La. (07366403)	Lat 32°31'55", long 92°27'55", Lincoln Parish, at culvert on Interstate Highway 20, and 1.1 mi northwest of Tremont. Drainage area is 0.54 mi ² .	1966-04	6-03-04	7.65	181	5-05-89	12.49	1,280	
Bayou Choudrant near Calhoun, La. (07366420)	Lat 32°32'35", long 92°22'50", Ouachita Parish, at bridge on State Highway 151, and 2.5 mi northwest of Calhoun. Drainage area is 113 mi ² .	1966-04	6-03-04	43.06	2,680	12-27-82	48.50	26,800	
Guyton Creek near Eros, La. (07367250)	Lat 32°25'25", long 92°21'30", Ouachita Parish, at culvert on State Highway 546, and 4.3 mi east of Eros. Drainage area is 8.76 mi ² .	1968-04	2-05-04	9.44	219	12-27-82	14.38	2,770	
Bushley Creek at Manifest, La. (07369360)	Lat 31°42'50", long 91°57'10", Catahoula Parish, at bridge on State Highway 8, and 0.5 mi east of Manifest. Drainage area is 64.7 mi ² .	1984-04	2-05-04	38.96	4,720	11-16-87	42.94	15,500	

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Period of record	Water year 2004 maximum			Period of record maximum			
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)	
RED RIVER BASIN--Continued									
Beaucoup Creek near Cotton Plant, La. (07370600)	Lat 32°06'40", long 92°19'20", Winn Parish, at bridge on State Highway 126, and 3.3 mi west of Cotton Plant. Drainage area is 127 mi ² .	1951-68, 1974-04	6-03-04	10.32	2,290	12-28-82 4-23-95	13.93 13.82	17,200 17,300	
Brushy Creek near Joyce, La. (07372110)	Lat 31°55'10", long 92°33'15", Winn Parish, at bridge on U.S. Highway 84, and 3.0 mi southeast of Joyce. Drainage area is approximately 24 mi ² .	1965-04	6-03-04	44.62	2,800	11-16-87	47.77	16,000	
Hemphill Creek at Nebo, La. (07373250)	Lat 31°35'04", long 92°07'55", La Salle Parish, at bridge on State Highway 460, and 0.6 mi east of Nebo. Drainage area is 35.3 mi ² .	1956-63 1978-95† 1996-04	2-05-04	9.72	3,860	11-16-87	14.93	15,800	
MISSISSIPPI RIVER DELTA									
Abita River north of Abita Springs, La. (07375222)	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mi north of village of Abita Springs. Drainage area is 46.1 mi ² .	1966-04	6-27-04	20.20	1,740	4-12-95	25.37	6,000	
Terrys Creek near Kentwood, La. (07375307)	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.5 mi northeast of Kentwood. Drainage area is 52.0 mi ² .	1966-04	5-18-04	11.53	3,370	4-06-83 1-22-93	14.40 14.40	19,600 19,600	
Amite River at Grangeville, La. (07377150)	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5mi southwest of Grangeville. Drainage area is 741 mi ² .	1951-63, 1964-82, 1993-04	02-13-04	28.95	(*)	4-14-55	46.47	63,800	
Sandy Creek near Pride, La. (07377210)	Lat 30°40'14", long 90°57'36", East Baton Rouge Parish, at bridge on Carson Road, 0.8 mi east of intersection of Carson Road with State Highway 409, and 1.9 mi southeast of Pride. Drainage area is 69.9 mi ² .	1976-04	2-13-04 5-16-04	^a 87.71 88.17	2,450 2,730	4-06-83	^a 94.13	11,800	
Beaver Creek at Peairs Road SE of Milldale, La. (07377233)	Lat 30°38'30", long 91°01'58", East Baton Rouge Parish, at bridge on Peairs Road, 2.3 mi east from junction of State Hwy. 64 and Peairs Road. Drainage area is 8.16 mi ² .	1995-04	2-13-04	90.03	(*)	12-18-95	90.29	(*)	
Little Sandy Creek near Greenwell Springs, La. (07377240)	Lat 30°37'36", long 90°59'20", East Baton Rouge Parish, at bridge on State Highway 409, 3.4 mi north of the village of Greenwell Springs. Drainage area is 28.2 mi ² .	1974-85† 1986-94 ^b , 1995-04	2-13-04	^a 65.10	(*)	4-06-83	76.69	12,500	
Amite River at Magnolia, La. (07377300)	Lat 30°32'05", long 90°58'50", East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mi east of Magnolia. Drainage area is 884 mi ² .	1949-82 1993-04†	5-17-04	43.41	27,900	4-23-77	51.91	85,100	
Cypress Bayou at Hooper Road, near Baton Rouge, La. (07377920)	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-92 ^b , 1993-04	2-06-04 5-12-04	46.15 49.08	(*)	4-07-83	56.42	(*)	
Blackwater Bayou near Baton Rouge, La. (07377940)	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Road, 8.5 mi northeast of Baton Rouge Post Office. Drainage area is 14.1 mi ² .	1962-94 ^b 1995-04	2-06-04 5-16-04	^a 45.83 47.43	(*)	4-07-83	56.20	(*)	
Beaver Bayou at Wax Road near Baton Rouge, La. (07378100)	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 mi northeast of Baton Rouge Post Office. Drainage area is 9.49 mi ² .	1972-04	5-12-04	53.57	(*)	6-28-89	59.54	(*)	
Jones Creek at Old Hammond Highway, near Baton Rouge, La. (07378650)	Lat 30°26'26", long 91°02'40", East Baton Rouge Parish, at bridge 8.4 mi east of Baton Rouge Post Office. Datum of gage prior to Oct. 1, 1995, 0.43 ft higher. Drainage area is 14.7 mi ² .	1962-95 ^b , 1996-04	5-12-04	^a 38.01	(*)	5-12-04	38.01	(*)	

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum				Period of record maximum		
		Period of record	Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued								
Ward Creek at Essen Lane, near Baton Rouge, La. (07379050)	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge, 5.7 mi southeast of Baton Rouge Post Office. Datum of gage, prior to Aug. 8, 1995,1.30 ft higher. Drainage area is not determined.	1963-70 ^b , 1975-92 ^b , 1993-04†	5-12-04	26.36	(*)	5-06-89	29.99	(*)
North Branch Ward Creek at Goodwood Boulevard at Baton Rouge, La (07379090)	Lat 30°26'34", long 91°05'27", East Baton Rouge Parish, at bridge 5.5 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1968-92 ^b , 1993-04	5-12-04	39.72	(*)	8-1-75	40.91	(*)
North Branch Ward Creek at Old Hammond Hwy. at Baton Rouge, La. (07379095)	Lat 30°25'50", long 91°05'11", East Baton Rouge Parish, at bridge on Old Hammond Hwy., 0.3 mi west of Airline Hwy (Hwy 61). Drainage area is not determined.	1995-04	5-12-04	35.29	(*)	4-11-95	36.86	(*)
North Branch Ward Creek at Jefferson Hwy. at Baton Rouge, La. (07379100)	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Highway, 5.9 mi southeast of Baton Rouge Post Office. Datum of gage, prior to June 15, 1995, 0.35 ft higher. Drainage area is not determined.	1962-95 ^b , 1996-04†	5-12-04	28.56	(*)	6-28-89	32.14	(*)
MERMENTAU RIVER BASIN								
Castor Creek near Oberlin, La. (08011800)	Lat 30°37'10", long 92°37'10", Allen Parish, at bridge on Parish road 0.1 mi upstream from Mulberry Creek, and 8.5 mi east of Oberlin. Drainage area is 43.9 mi ² .	1964-04	2-13-04	47.96	(*)	9-20-79	49.93	8,560
CALCASIEU RIVER BASIN								
Whisky Chitto Creek tributary near Leesville, La. (08013610)	Lat 31°06'55", long 93°09'50", Vernon Parish, at culvert on Ninth Street in North Fort Polk, and 3.2 mi upstream from mouth. Drainage area is 0.32 mi ² .	1966-04	5-04-04	9.06	371	3-07-95	11.82	690
Dry Creek at Dry Creek, La. (08015200)	Lat 30°39'25", long 93°02'45", Beauregard Parish, at bridge on State Highway 113, and 1.0 mi south of Dry Creek. Drainage area is 42.7 mi ² .	1954-68, 1975-04	5-15-04	22.95	4,280	12-22-95	26.51	12,400
SABINE RIVER BASIN								
Bayou Scie at Zwolle, La. (08024030)	Lat 31°37'45", long 93°37'40", Sabine Parish, at bridge on U.S. Highway 171, and 1.0 mi east of Zwolle. Drainage area is 45.9 mi ² .	1950-68, 1974-04	3-01-04	12.35	3,294	5-18-89	17.90	22,400
Pearl Creek at State Highway 111, at Burr Ferry, La. (08025850)	Lat 31°04'32", long 93°29'22", Vernon Parish, at bridge on State Highway 111, and 0.8 mi northeast of Burr Ferry. Drainage area is 9.66 mi ² .	1967-04	5-12-04	(*)	(*)	2-13-84 11-29-01	12.78 13.15	3,300 3,100

† Operated as a continuous-record gaging station.

* Discharge not determined.

a Elevation; sea level.

b Operated as a flood profile gage.

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, all floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2003

Station name and number	Location and drainage area	Water Year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
PEARL RIVER BASIN						
Bogue Chitto at Enon, La. (02491800)	Lat 30°43'10", long 90°05'00", Washington Parish, at bridge on State Highway 437, and 0.5 mi south of Enon. Drainage area is 1,107 mi ² .	1950-63, 1973-04	2-27-04	101.02	4-08-83	124.80
Gum Bayou at St. Hwy. 11 nr Slidell, La. (02492648)	Lat 30°20'40", long 89°45'25", St. Tammany Parish, at bridge on State Highway 11, 2.7 miles north of its intersection with I-12. Drainage area is approximately 17.9 mi ² .	1998-04	5-18-04	^a 26.00	6-11-01	^a 27.48
Gum Bayou at Davis Landing Rd. nr Slidell, La. (02492649)	Lat 30°19'03", long 89°43'40", St. Tammany Parish, at bridge on Davis Landing Road, approximately 0.2 mi east of intersection with North Military Road.	1998-00, 2001-02†, 2003-04	5-18-04	^a 8.53	6-11-01	^a 9.61
W-15 Canal at St. Hwy. 11 nr Slidell, La. (02492660)	Lat 30°20'20", long 89°45'31", St. Tammany Parish, at bridge on Highway 11, 2.3 miles north of its intersection with I-12. Drainage area is indeterminate.	1998-02†, 2003-04	2004	^a <25.15	7-01-03	^a 27.64
W-15 Canal at St. Hwy. 190 Slidell, La. (02492664)	Lat 30°17'17", long 89°43'56", St. Tammany Parish, at bridge on State Highway 190 (Gausse Blvd.), 1.14 miles east of its intersection with I-10. Drainage area is indeterminate.	1998-02†, 2003-04	5-18-04 6-25-04 9-16-04	^a 9.25 ^a 9.56 ^a 8.73	6-11-01	^a 11.90
W-15 Canal at I-10 Service Rd. at Slidell, La. (02492665)	Lat 30°17'31", long 89°43'48", St. Tammany Parish, at bridge approximately 0.5 miles north of intersection with Gause Blvd. Drainage area is indeterminate.	1999-02†, 2003-04	5-18-04 6-25-04 9-16-04	^a 12.33 ^a 12.63 ^a 12.67	6-11-01	^a 15.12
RED RIVER BASIN						
Cross Bayou west of Greenwood, La. (07344425)	Lat 32°27'21", long 94°00'52", Caddo Parish, at bridge on U.S. HWY 80, 2.4 mi west of intersection with State Highway 169. Drainage area is 26.30 mi ² .	1999-04† ^b	5-01-04	^c 13.55	4-05-99	^c 16.18
Bullard Creek near Jonesville, Tx. (07344445)	Lat 32°31'22", long 94°07'18", Harrison County, at culvert on F.M. Road 134, 5.5 mi north of Wascom. Drainage area undetermined.	2000-04† ^b	3-05-04	^c 2.74	5-04-00	^c 6.38
Paw Paw Bayou near Greenwood, La. (07344450)	Lat 32°31'00", long 93°58'20", Caddo Parish, at bridge on State Highway 169 5.1 miles north of Greenwood. Drainage area 80.5 mi ² ^c	1955-86†, 1999-04† ^b	3-06-04	180.75	6-27-86	186.32
Shettlesworth Bayou near Blanchard, La. (07344460)	Lat 32°34'00", long 93°56'25", Caddo Parish, at bridge on Blanchard-Furrrh road, 3.1 mi west of Blanchard, La. Drainage area 19.5 mi ² .	1999-04† ^b	3-05-04	^c 11.13	4-05-99	^c 14.30
Jims Bayou near Kildare, Tx. (07346120)	Lat 32°53'09", long 94°10'58", Harrison County, at bridge on State Highway 43 1.6 mi south of Kildare Junction, Tx. Drainage area undetermined.	2000-04† ^b	6-07-04	^c 8.35	2-17-01	^c 11.21
McCain Creek near Blanchard, La. (07348098)	Lat 32°36'08", long 93°35'13", Caddo Parish, at bridge on State Highway 538, 0.5 mile east of State Highway 1. Drainage area undetermined.	2000-04† ^b	6-06-04	^c 8.84	12-17-01	^c 12.74
Cypress Bayou near Plain Dealing, La. (07349775)	Lat 32°50'56", long 93°38'53", Bossier Parish, at bridge on State Highway 157, 4.5 mi south of State Highway 2. Drainage area approx. 30.2 mi ² .	2000-04† ^b	3-02-04	^a 224.87	12-19-02	^a 225.89

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
RED RIVER BASIN--Continued						
Bayou Pierre at Shreveport, La. (07350700)	Lat 32°27'20", long 93°44'06", Caddo Parish, at bridge on East 70th Street, 1.5 mi east of Interstate 49. Drainage area approx. 14.2 mi ² .	2000-04† ^b	6-26-04	^a 151.28	5-04-00	^a 152.14
Sand Beach Bayou at Shreveport, La. (07350820)	Lat 32°26'35", long 93°43'27", Caddo Parish, at bridge on East 70th Street, and 4.3 mi southeast of Shreveport city hall. Drainage area undetermined.	1963-04	6-26-04	149.69	5-07-78	163.00
Boggy Bayou north of Spring Ridge, La. (07350985)	Lat 32°21'24", long 93°56'45", Caddo Parish, at bridge on State Highway 169, 3.2 mi north of Spring Ridge, La Drainage area undetermined.	2000-04† ^b	5-01-04	^a 213.22	5-04-00	^a 213.66
Brush Bayou at Shreveport, La. (07351200)	Lat 32°26'23", long 93°46'52", Caddo Parish, at Southern Pacific Transportation Railway Company railroad bridge, and 4.9 mi southwest of Shreveport city hall. Drainage area is 3.4 mi ² .	1960-04	2004	<180.64	5-08-78	188.99
Gilmer Bayou near Shreveport, La. (07351275)	Lat 32°24'49", long 93°53'39, Caddo Parish, at culvert on State Highway 526, 2.2 mi west of U.S.Highway 171. Drainage area undetermined.	2000-04† ^b	5-01-04	200.17	5-04-00	202.08
Brush Bayou near Shreveport, La. (07351300)	Lat 32°23'25", long 93°46'15, Caddo Parish, at bridge on State Highway 526, and 2.5 mi south of Shreveport. Drainage area is 27.1 mi ² .	1960-04	6-01-04	156.56	4-12-91	166.33
Bayou Pierre at Powhatan, La. (07351755)	Lat 31°51'37", long 93°12'22", Natchitoches Parish, at bridge on State Highway 485, 1.0 mi southwest of Powhatan, and 11.8 mi upstream from mouth. Drainage area is 879 mi ² .	1981-85†, 1986-04† ^b	2-14-04	104.91	5-18-90	118.28
Bayou Rapides near Alexandria, La. (07355475)	Lat 31°18'43", long 92°33'38", Rapides Parish, at bridge on Parish Road 1202, 12.2 mi upstream from mouth, and 6.9 mi west of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-04	5-12-04	79.39	1979	81.91
Bayou Bartholomew northwest of Jones, La. (07364203)	Lat 32°58'55", long 91°42'00", More- house Parish, on right bank, 3.2 mi northwest of Jones. Drainage area is approximately 1,190 mi ² .	1973-85†, 1986-04† ^b	3-12-04	101.41	5-05-91	107.56
Ouachita River at Sterlington, La. (07364535)	Lat 32°41'46", long 92°05'12", Ouachita-Union Parish line, on bridge on State Highway 2 at Sterlington. Drainage area is 12,953 mi ² .	1979-04†	3-11-04	68.68	5-07-73	85.65
Bayou D'Arbonne below dam, near Downsville, La. (07366365)	Lat 32°42'46", long 92°20'26", Union Parish, on downstream side of dam at left end, and 7.4 mi northeast of Downsville. Drainage area is 1,607 mi ² .	1978-04	3-05-04	70.47	4-30-91	86.33
Black Bayou at West Monroe, La. (07367030)	Lat 32°29'55", long 92°08'30", Ouachita Parish, on downstream side of bridge at Interstate 20-State Highway 34 exit, at West Monroe. Drainage area is not determined.	1978-04	7-02-04	36.86	4-29-91	43.10
Youngs Bayou at Monroe, La. (07369016)	Lat 32°29'37", long 92°04'56", Ouachita Parish, at bridge on service road of U.S.Highway 165, and 0.3 mi south of junction with Interstate 20 at Monroe. Drainage area is not determined.	1978-04	7-02-04	66.54	5-05-89	68.16
Youngs Bayou near Monroe, La. (07369024)	Lat 32°27'34", long 92°02'49", Ouachita Parish, at bridge on Moore Road, and 3.1 mi southeast of Monroe. Drainage area is not determined.	1978-04	7-02-04	63.17	5-05-91	65.58
Bayou Lafourche near Alto, La. (07369050)	Lat 32°23'50", long 91°59'40", Ouachita- Richland Parish line at bridge on State Highway 15, and 8.0 mi west of Alto. Drainage area is not determined.	1973-85†, 1986-04† ^b	7-04-04	59.58	4-23-47	63.80
Tensas River southeast of Tendal, La. (07369515)	Lat 32°23'17", long 91°20'05", Madison Parish, on right bank 3.5 mi southeast of Tendal. Drainage area is not determined.	1975-85†, 1986-04† ^b	7-04-04	69.29	5-05-91	74.42

See footnotes at end of table.

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
RED RIVER BASIN--Continued						
Little River at Rochelle, La. (07372190)	Lat 31°47'35", long 92°21'42", Grant- La Salle Parish line, at bridge on U.S.Highway 165, at Rochelle. Drainage area is 1,892 mi ² .	1938-46† ^d , 1948-57† ^d , 1958-73† ^b , 1974-85†, 1986-04† ^b	2-15-04	62.44	4-25-95	72.17
BAYOU BATON ROUGE BASIN						
Bayou Baton Rouge above Baker, La. (07373900)	Lat 30°37'17", long 91°12'20", East Baton Rouge Parish, at bridge on Carney Road, approximately 3.4 mi northwest of Baker and 1.8 mi upstream of Baker Canal. Drainage area is 13.7 sq.mi.	2003-04	2-6-04	^c 20.10	4-7-83	22.96
Cypress Bayou (head of Baker Canal) near Zachary, La. (07373960)	Lat 30°36'45", long 91°10'15", East Baton Rouge Parish, at bridge on Heck Young, Road, approximately 2.8 mi south southwest of Zachary and 1.8 mi upstream of Baker Canal. Drainage area is not determined.	2003-04	2-06-04	^c 13.66	4-7-83	22.96
South Canal near Baker, La. (07373965)	Lat 30°37'00", long 91°08'56", East Baton Rouge Parish, at bridge on McHugh Road, 1.4 mi upstream from Cypress Bayou, and 2.3 mi northeast of Baker. Drainage area is not determined.	1972-82†, 1983-87 ^e , 1988-04	5-15-04	74.75	4-15-67	79.52
Baker Canal near Baker, La. (07373980)	Lat 30°34'49", long 91°12'43", East Baton Highway 61, 2.7 mi southwest of Baker. Drainage area is not determined.	1963-70, 1995-04	2004	<58.86	4-28-62	65.22
MONTE SANO BAYOU BASIN						
Monte Sano Bayou at Metro Airport at Baton Rouge, La. (07373993)	Lat 30°32'08", long 91°09'32", East Baton Rouge Parish, at bridge on Bessie Coleman Dr. 6.1 mi north of Baton Rouge Post Office. Drainage area is not determined	1975-04	2-06-04 5-16-04	56.50 56.24	11-25-79	59.33
Monte Sano Bayou at Baton Rouge, La. (07373996)	Lat 30°30'10", long 91°10'12", East Baton Rouge Parish, at bridge on U.S.Highway 61, 1.8 mi upstream from mouth and 3.7 mi north of Baton Rouge Post Office. Drainage area is not determined.	1975-94 ^f , 1995-04 ^e	2-06-04 5-16-04	34.15 40.63	4-22-79	46.83
MISSISSIPPI RIVER DELTA						
W-14 Canal at Brownswitch Road at Slidell, La. (07374571)	Lat 30°18'39", long 89°46'04", St. Tammany Parish, at bridge approximately 2.6 miles WNW of Slidell City Hall. Drainage area is indeterminate.	1998-04	5-18-04 6-25-04 9-16-04	^a 14.23 ^a 14.05 ^a <13.79	6-11-01	17.70
W-14 Canal at Daney St. at Slidell, La. (07374572)	Lat 30°16'12", long 89°46'13", St. Tammany Parish, at bridge approximately 0.8 miles due west of the intersection of I-10 and U.S. Highway 190 Business Route. Drainage area is not determined.	1998-04	5-18-04 6-25-04 9-16-04	^a 5.04 ^a 5.63 ^a 5.79	6-11-01	8.30
Bayou Vincent at Browns Village Road at Slidell, (07374576)	Lat 30°18'49", long 89°46'44", St. Tammany Parish, at bridge, 0.6 miles west of intersection with State Hwy. 11. Drainage area is not determined.	1998-04	5-18-04	^a 11.80	6-11-01	^a 15.82
Bayou Bonfouca at West Hall Road, at Slidell, La. (07374577)	Lat 30°17'05", long 89°47'30", St. Tammany Parish, at bridge, approximately 0.7 mile from intersection of Hwy. 11 and West Hall Road. Drainage are is not determined.	1985-87†, 1998-02†, 2004	9-16-04	^a 5.65	9-26-02	^a 6.76
Bayou Liberty nr Belair Blvd. nr Slidell, La. (073745803)	Lat 30°20'09", long 89°50'27", St. Tammany Parish, at path extending from Belair Boulevard near Belair Subdivision, approximately 0.5 miles past the end of Belair Boulevard. Drainage are is not determined.	2001-04	5-18-04 9-16-04	^a 16.61 ^a <12.75	6-11-01	^a 17.67
Bayou Liberty at Scenic Dr. nr Slidell, La. (073745805)	Lat 30°19'06", long 89°50'08", St. Tammany Parish, at bridge, approximately 200 yards past the end of Scenic Dr. Drainage area is not determined.	2001-04	5-18-04 9-16-04	^a 11.70 ^a 7.70	6-11-01	^a 13.45
Bayou Liberty nr Landis Rd nr Slidell, La. (073745807)	Lat 30°18'39", long 89°50'00", St. Tammany Parish, at boat dock on property located at 34130 Landis Rd. Drainage area is not determined.	2001-04	5-18-04 9-16-04	^a 9.04 ^a 6.19	6-11-01	^a 10.51

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
MISSISSIPPI RIVER DELTA--Continued						
Bayou Liberty nr Slidell, La. (07374581)	Lat 30°18'04", long 89°49'50", St. Tammany Parish, at bridge on St. Tammany Trace Bike Path, approximately 3.4 miles west, northwest of Slidell City Hall. Drainage area is indeterminate.	1998-04†	5-18-04 9-16-04	^a 5.94 ^a 4.38	7-01-03	^a 7.33
Bayou Liberty nr Dubuisson Rd. nr Slidell, La. (073745813)	Lat 30°16'46", long 89°49'24", St. Tammany Parish, at boat dock on property located at 34695 Dubuisson Rd. Drainage area is not determined.	2001-04	5-18-04 9-16-04	^a 2.72 ^a 5.00	9-26-02	^a 6.56
Bayou Liberty at St. Hwy. 433 nr Slidell, La. (073745815)	Lat 30°16'07", long 89°50'40", St. Tammany Parish, at pontoon bridge on St. Hwy. 433. Drainage area is not determined.	2001-04	5-18-04 9-16-04	^a 2.59 ^a 4.93	9-26-02	^a 6.49
Bayou Liberty at Bonfouca Marina nr Slidell, La. (073745817)	Lat 30°16'07", long 89°50'40", St. Tammany Parish, at boat slip #76 in Bonfouca Marina. Drainage area is not determined.	2001-04	5-18-04 9-16-04	^a 2.53 ^a 4.92	10-03-02	^a 4.97
I-10 Drainage Canal nr Little Woods, La. (3004510895507)	Lat 30°04'51", long 89°55'07", Orleans Parish, at bridge on I-10 East north of the Michoud Blvd. overpass. Drainage area is indeterminate.	2001-04	8-23-04	^a 0.64	6-13-01	^a 1.42
Bayou Lacombe nr Lacombe, La. (07374585)	Lat 30°21'54", long 89°55'20", St. Tammany Parish, at bridge on Krentel Road, 6.27 miles due west of Slidell airport.	1998-04	2-24-04	^a 12.24	6-11-01	^a 18.71
Bayou Chinchuba nr Mandeville, La. (07374595)	Lat 30°23'35", long 90°03'02", St. Tammany Parish, at bridge on St. Tammany Trace Bike Path, approximately 2.2 miles northeast of Mandeville City Hall. Drainage area is not determined.	1998-04	2-24-04	^a 17.96	10-04-02	^a 19.12
Bayou Chinchuba at St. Hwy. 190 nr Mandeville, La. (07374598)	Lat 30°22'46", long 90°05'28", St. Tammany Parish, at bridge on south- bound lane of State Highway 190, approximately 3.1 miles south of intersection with I-12. Drainage area is not determined.	1998-04	2004	^g	1-07-98	^a 10.08
Tchefuncte River at St. Hwy. 21 nr Covington, La. (07375060)	Lat 30°27'50", long 90°07'04", St. Tammany Parish, at bridge on State Highway 21, 0.7 mile north of I-12. Drainage area is not determined.	1998-04	5-16-04	^a 5.82	4-08-03	^a 13.61
Bogue Falaya at Folsom, La. (07375085)	Lat 30°37'42", long 90°10'16", St. Tammany Parish, at bridge on State Highway 40, and 1.0 miles east of Folsom. Drainage area is indeterminate.	1999-02†, 2004	5-16-04	89.93	9-26-02	93.41
Bogue Falaya at Lee Road at Covington, La. (07375170)	Lat 30°29'58", long 90°05'04", St. Tammany Parish, at bridge 1.19 miles east of intersection with U.S. Hwy. 190. Drainage area is not determined.	1998-04	5-13-04	^a 12.57	7-01-03	^h 24.20
Abita River at Keen Road near Abita Springs, La. (07375218)	Lat 30°29'53", long 89°58'40", St. Tammany Parish, at bridge on Keen Road, 0.2 miles from its intersection with State Highway 435. Drainage area is not determined.	1997-04	6-27-04	^a 33.98	6-11-01	^a 36.98
Abita River at U.S. Hwy. 190 nr Covington, La. (07375223)	Lat 30°27'36", long 90°04'57", St. Tammany Parish, at bridge 1.96 miles north of intersection with I-12 at Covington. Drainage area is not determined.	1997-04	6-27-04	^a 5.77	6-11-01	^a 12.55
Ponchitolawa Creek at St. Hwy. 190 near Mandeville, La. (07375227)	Lat 30°25'26", long 90°05'07", St. Tammany Parish, at bridge on service road near southbound lane of Hwy. 190 and approximately 0.14 miles north of intersection with Fairway Dr. Drainage area is not determined.	1998-04	8-10-04	^a 5.21	9-26-02	^a 8.00
Bayou Tete L'ours nr Mandeville, La. (07375228)	Lat 30°24'16", long 90°05'31", St. Tammany Parish, at bridge on Evangeline Dr., 2.3 miles northwest of Mandeville City Hall. Drainage area is not determined.	1998-04	5-13-04	^a 10.21	7-01-03	^a 11.26

See footnotes at end of table.

		Water year 2004 maximum			Period of record maximum	
Station name and number	Location and drainage area	Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
MISSISSIPPI RIVER DELTA--Continued						
Little Sandy Creek near Milldale, La. (07377215)	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi north of Milldale. Drainage area is not determined.	1975-96, 1997 ^e , 1998-04	2-13-04	111.89	2-25-97	115.56
Little Sandy Creek SE of Milldale, La. (07377230)	Lat 30°38'36", long 91°01'26", East Baton Rouge Parish, at bridge on Peairs Rd, 2.0 mi west from inter- section of Liberty and Peairs Rd. Drainage area is not determined.	1995-04† ^b	2004	^g	12-18-95	74.72
Sandy Creek near Greenwell Springs, La. (07377250)	Lat 30°36'08", long 90°59'57", East Baton Rouge Parish, at bridge on State Highway 37, 1.5 mi north of village of Greenwell Springs, La. Drainage area is not determined.	1982-04†	2-13-04	54.99	1-26-90	62.20
Comite River at Zachary, La. (07377750)	Lat 30°38'36", long 91°05'40", East Baton Rouge Parish, at bridge on State Highway 64, about 4.0 miles east of Zachary. Drainage area is not determined.	1999-04† ^b	2-13-04 5-15-04	^a 74.64 ^a 77.94	5-15-04	^a 77.94
Comite River near Milldale, La. (07377600)	Lat 30°42'11", long 91°03'08", East Baton Rouge Parish, at bridge on Port Hudson- Pride Road, approximately 2.6 miles east	1999-04† ^b	2-13-04 5-15-04	24.37 25.98	5-15-04	25.98
Comite River near Baker, La. (07377754)	Lat 30°35'46", long 91°05'39", East Baton Rouge Parish, at bridge on Dyer Road, 3 miles northeast of Baker. Drainage area is not determined.	1999-04† ^b	2-13-04 5-15-04	^a 62.07 ^a 65.50	5-15-04	^a 65.50
White Bayou East Diversion Channel near Baton Rouge, La. (07377755)	Lat 30°37'00", long 91°06'55", East Baton Rouge Parish at bridge on U.S. Highway 67 (Plank Road) 12.2 mi north of Baton Rouge, and 6.5 mi northeast of terminal building at Metro Airport at Baton Rouge. Drainage area is not determined.	1972-84†, 1986-87 ^e , 1988-04	2-06-04	76.47	12-24-71	79.48
Comite River near Baton Rouge, La. (07377760)	Lat 30°33'24", long 91°05'54", East Baton Rouge Parish, at bridge on Comite Drive, approximately 2.2 miles east of intersection with Plank Rd. Drainage area is not determined.	2002-04† ^b	5-16-04	^a 56.96	5-16-04	^a 56.96
White Bayou at State Highway 64, near Zachary, La. (07377780)	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 mi east of Zachary. Drainage area is not determined.	1962-75, 1977-96, 1997-04† ^b	2-06-04	87.14	4-07-83	92.24
White Bayou near Baton Rouge, La. (07377840)	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Road, 10.0 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-04	2-06-04	66.72	4-07-83	73.23
White Bayou near Baker, La. (07377842)	Lat 30°34'45", long 91°07'18", East Baton Rouge Parish at bridge on Pettit Road, and 2.9 mi east of City of Baker. Drainage area is not determined.	1972-84†, 1986-87 ^e , 1988-04	2-06-04	13.71	4-23-77	17.25
Comite River near Baton Rouge, La. (07377870)	Lat 30°31'50", long 91°05'37", East Baton Rouge Parish, at bridge on Hooper Road, 7.6 miles northeast of Baton Rouge Post Office. Drainage area is not determined.	2002-04† ^b	5-16-04	^a 51.67	5-16-04	^a 51.67
Cypress Bayou at Baker, La. (07377890)	Lat 30°34'31", long 91°10'01", East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mi east of State Highway 19 at Baker. Drainage area is not determined.	1967-69, 1971-04	2004	<65.21	4-17-67	69.56
Cypress Bayou at Plank Road, near Baton Rouge, La. (07377900)	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-65, 1967-04	2-06-04 5-12-04	50.96 50.82	4-14-67	59.27
Blackwater Bayou near Fred, La. (07377933)	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Road, 3.8 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1975-04	2-06-04 5-16-04	72.85 72.52	4-12-95	73.44

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
MISSISSIPPI RIVER DELTA--Continued						
Hurricane Creek at Baton Rouge, La. (07378008)	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Drive, 3.9 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-04	2004	<42.14	4-07-83	51.13
Hurricane Creek near Baton Rouge, La. (07378010)	Lat 30°29'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Road, 6.2 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-04	5-16-04	43.13	5-18-53	51.30
Roberts Canal at Baton Rouge, La. (07378015)	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silverleaf Ave., 5.3 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-04	2004	<47.25	4-17-67	55.35
Roberts Canal near Baton Rouge, La. (07378020)	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1962-04	5-16-04	44.14	4-07-83	51.10
Comite River at Greenwell Springs Road, near Baton Rouge, La. (07378050)	Lat 30°30'20", long 91°02'24", East Baton Rouge Parish, at bridge 9.4 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1981-88†, 1989-04† ^b	5-16-04	41.41	4-7-83	49.42
Beaver Bayou at Denham Road near Baton Rouge, La. (07378075)	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1972-04	5-12-04	68.78	6-7-01	71.20
Beaver Bayou at Hooper Road near Baton Rouge, La. (07378083)	Lat 30°33'39", long 91°01'15", East Baton Rouge Parish, at box culvert on State Highway 408, 8.6 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1982-96†, 1997-04† ^b	5-12-04	60.79	4-11-95	62.47
Jones Creek at Airline Highway, at Baton Rouge, La. (07378595)	Lat 30°27'52", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 mi northeast of Baton Rouge Post Office. Drainage area is not determined.	1967-04	5-12-04	48.94	9-06-77	49.81
Jones Creek at Florida Boulevard, at Baton Rouge, La. (07378600)	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 mi east of Baton Rouge Post Office. Drainage area is not determined.	1962-04	5-12-04	45.46	4-14-67	45.69
Lively Bayou northeast of Baton Rouge, La. (07378635)	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 9.0 mi east of Baton Rouge Post Office. Drainage area is not determined.	1967-04	5-12-04	41.40	4-14-67	44.58
Lively Bayou east of Baton Rouge, La. (07378640)	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.9 mi east of Baton Rouge Post Office. Drainage area is not determined.	1967-04	5-12-04	40.23	8-02-83	42.03
Lively Bayou southeast of Baton Rouge, La. (07378645)	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.8 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-04	5-12-04	39.09	9-06-77	39.68
Weiner Creek near Baton Rouge (07378670)	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge on Stanley Aubin Drive, 7.3 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-02 ⁱ 2004	5-12-04	40.98	3-25-76	43.71
Weiner Creek at S. Sherwood Forest Blvd., at Baton Rouge, La. (07378675)	Lat 30°25'11", long 91°03'05", East Baton Rouge Parish, at bridge 0.1 miles from Newcastle Drive. Drainage area is not determined.	1999-04 ⁱ	5-12-04	35.73	5-12-04	35.73

See footnotes at end of table.

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
MISSISSIPPI RIVER DELTA--Continued						
Jones Creek near Woodlawn School, near Baton Rouge, La. (07378700)	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Road 1.6 mi north of Woodlawn School, and 10.5 mi east of Baton Rouge Post Office. Drainage area is 19.5 mi ² .	1967-93 ^f , 1994-00 ^e , 2001-04	5-12-04	25.27	4-23-77	32.00
Clay Cut Bayou at Siegen Lane near Baton Rouge, La. (07378720)	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-04	5-12-04	27.52	4-13-69	29.98
Clay Cut Bayou at Antioch Road near Baton Rouge, La. (07378722)	Lat 30°23'12", long 91°00'26", East Baton Rouge Parish, at bridge on Antioch Road, 0.25 mi from Tiger Bend Road. Drainage area is not determined.	1995-98 ^e 1999-04	5-17-04	19.01	4-30-97	20.71
Clay Cut Bayou near Hope Villa, La. (07378725)	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Road, 2.3 mi northeast of Hope Villa. Drainage area is not determined.	1967-04	5-12-04	18.15	6-28-89	26.26
Bluff Swamp nr Kleinpeter, La. (07378748)	Lat 30°19'24", long 90°01'05", Ascension Parish, at lock on Alligator Bayou Rd, 3.8 mi northwest of Prairieville Post Office. Drainage area is 6.60 mi ² . (Formerly published as 07380095 Bluff Swamp nr Prairieville.)	1998-04 ^{†b}	5-22-04	^a 6.22	6-15-01	^a 10.12
Bayou Fountain at Lee Drive at Baton Rouge, La. (07378778)	Lat 30°23'32", long 91°09'40", East Baton Rouge Parish, at bridge on Lee Drive, 2.0 miles from intersection of Lee Drive and Perkins Road. Drainage area is not determined.	2000-04	5-12-04	^c 14.30	6-11-01	^c 14.43
Bayou Fountain at Gardere Lane, near Baton Rouge, La. (07378800)	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-66 ^f , 1969-92 [†] , 1993-98 ^e , 1999-04	5-12-04	13.13	7-01-89	17.58
Bayou Fountain at Bluebonnet Blvd., near Baton Rouge, La. (07378810)	Lat 30°21'01", long 91°06'29", East Baton Rouge Parish, at bridge on Bluebonnet Blvd., 0.25 mi southwest of Highland Rd. Drainage area is not determined.	1995-98 ^f , 1999-02 ^{†b} , 2004 ^{†b}	5-12-04	12.30	6-11-01	15.78
Bayou Fountain at Burbank Dr. near Baton Rouge, La. (07378815)	Lat 30°20'60", long 91°05'01", East Baton Rouge Parish, at first bridge south of intersection of Highland Rd. and Siegen Lane. Drainage area is not determined.	2000-04	5-12-04	11.91	6-11-01	^c 17.88
Ward Creek at Government Street, at Baton Rouge, La. (07379000)	Lat 30°20'20", long 91°08'35", East Baton Rouge Parish, on downstream end of culvert on Government Street, and 2.4 mi east of Baton Rouge Post Office. Drainage area is 4.04 mi ² .	1954-67 [†] , 1969-73 ^{†b} , 1975-04 ^{†b}	5-12-04	41.84	9-26-57	45.28
Ward Creek at College Drive, at Baton Rouge, La. (07379010)	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1970-04	5-12-04	38.62	3-06-96	41.84
Ward Creek at Bluebonnet Rd. at Baton Rouge, La. (07379060)	Lat 30°23'38", long 91°05'14", East Baton Rouge Parish, at bridge on Bluebonnet Road 200 ft from I-10. Drainage area is not determined.	2000-04	5-12-04	17.58	6-7-01	18.42
Old Ward Creek Diversion at Highland Road near Baton Rouge, La. (07379075)	Lat 30°21'18", long 91°00'54", East Baton Rouge Parish, on bridge 0.75 miles southeast of intersection with Airline Highway. Drainage area is not determined.	1999-04	5-12-04	^a 13.40	6-7-01	^a 16.26
Dawson Creek at Perkins Road at Baton Rouge, La. (07379400)	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, at bridge, 4.1 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-04	5-12-04	^c 21.91	4-14-67	^c 23.83

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
MISSISSIPPI RIVER DELTA--Continued						
Corporation Canal at Oklahoma Street, at Baton Rouge, La. (07379502)	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mi south of Baton Rouge Post Office. Drainage area is 0.56 mi ² .	1971-04	5-12-04	24.81	3-24-73	28.71
Corporation Canal at East Roosevelt Street, at Baton Rouge, La. (07379503)	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 mi southeast of Baton Rouge Post Office. Drainage area is approximately 1.31 mi ² .	1971-04† ^b	5-12-04	22.95	4-11-95	23.84
Corporation Canal at Stanford Avenue at Baton Rouge, La. (07379508)	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 mi southeast of Baton Rouge Post Office. Drainage area is 2.43 mi ² .	1971-04	5-12-04	21.47	6-28-89	24.31
Bayou Duplantier at Lee Drive, at Baton Rouge, La. (07379550)	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 mi south of Baton Rouge Post Office. Drainage area is not determined.	1962-70, 1971-04† ^b	5-12-04	21.06	4-14-67	23.69
Dawson Creek at Bluebonnet Blvd. near Baton Rouge, La. (07379960)	Lat 30°22'56", long 91°05'39", East Baton Rouge Parish, at bridge 0.25 mi north of Perkins Rd. Drainage area is not determined.	1995-98 ^e , 1999-04†	5-12-04	20.58	6-7-01	22.79
Welsh Gully nr Prairieville, La. (07380102)	Lat 30°20'12", long 90°58'08", Ascension Parish, at bridge on John Broussard Rd, 2.6 mi north of Prairieville Post Office. Drainage area is 2.09 mi ² .	1999-04† ^b	5-17-04	^a 10.49	6-8-01	^a 13.30
Muddy Creek at Prairieville, La. (07380103)	Lat 30°18'20", long 90°57'33", Ascension Parish, at bridge on Henry Rd, 0.8 mi east of Hwy. 73 and 0.7 mi northeast of Prairieville Post Office. Drainage area is not determined.	1998-04	5-17-04	^a 18.34	6-10-01	^a 19.36
Muddy Creek nr Oak Grove, La. (07380107)	Lat 30°19'42", long 90°56'47", Ascension Parish, at bridge on Manchac Acres Rd, 1.9 mi north northeast of Oak Grove. Drainage area is not determined.	1998-04† ^b	5-17-04	^a 14.23	6-10-01	^a 15.09
Henderson Bayou Trib #2 near Duplessis, La. (07380125)	Lat 30°17'27", long 90°53'55", Ascension Parish, at bridge located on Merritt Evans Rd and 3.2 mi northeast of Duplessis. Drainage area is not determined.	1980-84, 1998-04	5-18-04	^a 14.70	9-12-98	^a 15.79
Middle Colyell Creek nr Walker, La. (07380160)	Lat 30°28'45", long 90°50'28", Livingston Parish, at bridge located on Black Mud Rd, 1.8 mi southeast of town of Walker. Drainage area is approximately 25.0 mi ² .	1999-03† ^b , 2004 ^j	5-13-04	^a 33.92	6-8-01	^a 34.14
West Colyell Creek nr Port Vincent, La. (07380185)	Lat 30°25'19", long 90°51'56", Livingston Parish, at bridge located on Joe May Rd., 0.8 mi from Hwy. 447 at Plainview Baptist Church. Drainage area is approximately 28 mi ² .	1998-04† ^b	5-13-04	^a 20.08	6-8-01	^a 21.37
Grand Goudine Bayou near Prairieville, La. (0738022292)	Lat 30°17'55", long 90°57'34", Ascension Parish, at bridge located on Hwy 73, 1.1 mi south southwest of Prairieville. Drainage area is not determined.	1998-04	5-12-04	14.16	6-7-01	16.02
New River Canal at Gonzales, La. (07380223)	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mi northeast of Gonzales water tower. Drainage area is not determined.	1963-04	2-25-04	7.25	4-22-79	10.15
Black Bayou near Prairieville, La. (0738022385)	Lat 30°17'34", long 90°56'18", Ascension Parish, at bridge on Braud Road, 1.8 mi east of Prairieville Post Office. Drainage area is not determined.	1998-04	5-12-04	^a 14.64	9-12-98	^a 15.97
Bayou Francois near Gonzales, La. (07380226)	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 mi west of Gonzales water tower. Drainage area is not determined.	1963-04	2-24-04	8.07	6-7-01	10.90
MISSISSIPPI RIVER DELTA--Continued						
Bayou Francois at Gonzales, La. (07380227)	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mi southwest of Gonzales water tower. Drainage area is not determined.	1963-04	2-24-04	^a 5.88	4-22-79	^a 9.18

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2004--Continued

Station name and number	Location and drainage area	Water year 2004 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (NGVD 1929)	Date	Elevation in ft (NGVD 1929)
Bayou Rapides- Boeuf-Cocodrie diversion channel at U.S. Highway 165, near Alexandria, La. (07382258)	Lat 31°13'39", long 92°29'49", Rapides Parish, at bridge 6.5 mi southwest of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-04	5-12-04	69.91	12-27-82	71.09
Bayou Courtableau near Washington, La. (07382495)	Lat 30°38'53", long 92°03'40", St. Landry Parish, 0.1 mi downstream from confluence of Bayou Cocodrie and Bayou Boeuf, 2.0 mi northwest of Washington, and 3.4 mi upstream from gaging station, Bayou Courtableau at Washington. Drainage area is 701 mi ² .	1946-75 ^d , 1976-85 [†] , 1986-04 ^{†b}	2-15-04	30.80	11-05-85	34.17
Hynson Bayou at Bringhurst Park, at Alexandria, La. (07382840)	Lat 31°17'19", long 92°27'16", Rapides Parish, on right bank just below bridge on Masonic Drive, and 1.7 mi south of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-04	2004	<75.21	10-23-72	77.79
Horseshoe Drainage Canal at Packing House Road, at Alexandria, La. (07382850)	Lat 31°16'25", long 92°26'15", Rapides Parish, at bridge 2.6 mi south of Alexandria city hall. Drainage area is not determined.	1959-86, 1990-04	5-12-04	70.15	12-15-67	72.43
Hynson Bayou at Hudson St., at Alexandria, La. (07382855)	Lat 31°16'15", long 92°25'22", Rapides Parish, at bridge 3.1 mi southeast of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-04	5-12-04	70.01	7-23-69	73.88
Persimmon Bayou near Alexandria, La. (07382865)	Lat 31°13'45", long 92°22'51", Rapides Parish, at Texas and Pacific Railway bridge, just downstream from State Highway 1, and 6.7 mi southeast of Alexandria city hall. Drainage area is not determined.	1963-86, 1990-04	5-12-04	67.29	12-15-67	75.01
Bayou des Glaisses diversion channel near Moreauville, La. (07383510)	Lat 30°59'59", long 91°58'57", Avoyelles Parish, at bridge on unnumbered parish road, and 2.5 mi south of Moreauville. Drainage area is 284 mi ² .	1972-85 [†] , 1986-04 ^{†b}	2-05-04	41.30	4-21-77	43.94
Bayou Teche at Robin, La. (07385470)	Lat 30°26'48", long 91°55'22", St. Landry Parish, near center of span on downstream side of bridge between State Highways 31 and 740 at Robin, and 3.7 mi upstream from gaging station, Bayou Teche at Arnaudville. Drainage area is not determined.	1947-85 [†] , 1986-04 ^{†b}	5-15-04	23.35	5-15-04	23.35
Bayou Teche below Keystone Lock and Dam near St. Martinville, La. (07385702)	Lat 30°04'14", long 91°49'44", St. Martin Parish, on downstream side of Keystone Lock and Dam 3.5 mi south of St. Martinville and 11 mi upstream from Loreauville Canal. Drainage area is not determined.	1985-04 ^{†b}	5-15-04	11.92	5-27-27	24.30
Ruth Canal at Ruth, La. (07386705)	Lat 30°14'34", long 91°53'05", St. Martin Martin Parish, on right bank, 150 ft downstream from control structure, 0.5 mi northwest of Ruth, 0.6 mi down- stream from point of diversion from Bayou Teche, and 2.5 mi south of town of Breaux Bridge. Drainage area is not determined.	1959-85 [†] , 1986-04 ^{†b}	5-26-04	11.95	8-14-40	18.50
Bayou LaLoutre at Yscloskey, La. (295020089411600)	Lat 29°50'20", long 89°41'16", St. Bernard Parish, on top of bridge tender house on southeast side of road. Drainage area is not determined.	2003-04 [†]	9-16-04	^c 10.54	10-03-02	^c 11.47

< Less than amount shown.

† Operated as a continuous-record gaging station.

a Elevation, NAVD 88.

b Daily records unpublished.

c Gage datum, datum of gage not determined.

d Operated by Corps of Engineers.

e Operated as a crest-stage partial-record station.

f Operated as a flood-profile partial-record station.

g Missing record.

h Highwater mark.

i Discontinued.

j Operated as continuous-record gaging station to Mar. 2004.

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA						
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°45'34", long 91°40'00", St. Mary Parish, Hydrologic Unit 08080103, west of Jaws Bay.	---	1997-04	10-16-03	774
					12-17-03	6,700
					2-27-04	4,970
					4-08-04	2,560
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°43'27", long 91°33'08", St. Mary Parish, Hydrologic Unit 08080102, east of Jaws Bay.	---	1997-04	10-16-03	4,880
					12-17-03	9,630
					2-27-04	11,800
					4-08-04	8,590
Bayou Shaffer	Gulf of Mexico	Lat 29°39'54", long 91°12'03", Terrebonne Parish, Hydrologic Unit 08090302, approximately 2.0 miles downstream from Gulf Intracoastal Waterway in Morgan City.	---	2004	4-07-04	28,900
					4-27-04	21,000
					5-13-04	33,200
					5-19-04	32,700
					7-28-04	21,300
					8-11-04	17,600
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°39'31", long 91°14'52", St. Mary Parish, Hydrologic Unit 08080101, at Lower Atchafalaya River south of Morgan City, La.	---	1997-04	10-16-03	4,610
					12-17-03	14,300
					2-27-04	20,400
					4-08-04	13,200
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38'58", long 91°18'15", St. Mary Parish, Hydrologic Unit 08080101, mile 103 on Gulf Intracoastal Waterway.	---	1997-04	10-16-03	5,360
					12-17-03	12,600
					2-07-04	17,600
					4-08-04	11,400
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38'58", long 91°23'58", St. Mary Parish, Hydrologic Unit 08080101, west of Wax Lake Outlet south of Calumet, La.	---	1997-04	10-16-03	552
					12-17-03	9,180
					2-27-04	14,400
					4-08-04	10,900
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38'48", long 91°23'11", St. Mary Parish, Hydrologic Unit 08080101, east of Wax Lake Outlet south of Calumet, La.	---	1997-04	10-16-03	7,040
					12-17-03	10,500
					2-27-04	12,300
					4-08-04	5,710
Avoca Island Lake	Gulf of Mexico	Lat 29°36'04", long 91°10'26", Terrebone Parish, Hydrologic Unit 08090302,south end of lake, upstream of Bayou Chene, and south of Morgan City, La.	---	2004	4-07-04	1,330
					4-27-04	-7,170
					5-19-04	-380
					7-28-04	-976
					8-11-04	3,770
					9-08-04	-5,600
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34'08", long 90°23'04", Lafourche Parish, Hydrologic Unit 08090302, east of Bayou Lafourche at Larose, La.	---	1997-04	10-07-03	1,010
					12-15-03	94.9
					2-25-04	3,320
					4-06-04	1,200
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34'00", long 90°43'20", Terrebonne Parish, Hydrologic Unit 08090302, west of Houma Navigation Canal at Houma, La.	---	1997-04	10-07-03	-506
					12-15-03	5,950
					2-25-04	6,700
					4-06-04	3,600
Avoca Island Cutoff	Gulf of Mexico	Lat 29°31'59", long 91°14'26", Terrebonne Parish, Hydrologic Unit 08090302, south of Morgan City, La.	---	1999-04	10-15-03	-21,800
					12-16-03	1,860
					2-26-04	1,910
					4-07-04	18,800
Canal Bank Break	Gulf of Mexico	Lat 29°25'05", long 91°04'49", Terrebonne Parish, Hydrologic Unit 08090302, south of Morgan City.	---	2003-04	2-12-04	397
					3-25-04	551
					7-21-04	518
					9-02-04	256

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

RED RIVER BASIN

310408091424500 RED RIVER ABOVE OLD RIVER OUTFLOW CHANNEL, ABOVE SIMMESPORT, LA (CE 04800)

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

Date	Time	Instantaneous discharge, cfs (00061)	Suspnd. sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
FEB 20...	1130	133,000	91	143	51,300
MAR 09...	1130	135,000	64	224	81,900
APR 27...	1130	29,700	100	88	7,020
MAY 18...	1200	110,000	96	178	53,100
JUN 29...	1130	147,000	88	193	76,500

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

310552091361200 MISSISSIPPI RIVER (COOCHIE) NEAR BLACK HAWK, LA (CE 01020)

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

Date	Time	Instantaneous discharge, cfs (00061)	Suspnd. sediment, sieve diameter percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 07...	1030	421,000	83	128	146,000
NOV 04...	1100	301,000	94	99	80,100
DEC 02...	0930	783,000	68	379	802,000
JAN 23...	1100	973,000	67	302	794,000
MAR 05...	1100	633,000	82	196	335,000
APR 06...	1000	705,000	66	227	432,000
21...	1100	638,000	79	197	340,000
MAY 25...	1100	555,000	82	172	304,000
JUN 15...	0830	1,040,000	86	341	955,000
JUL 14...	1100	776,000	90	208	435,000
AUG 10...	1100	518,000	83	185	259,000
SEP 14...	1100	412,000	95	229	255,000

ACADIA PARISH

LOCAL NUMBER.--Ac-326, Site ID 301832092234501.

LOCATION.--Lat 30° 18'32", long 92° 23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 202 ft, screened 192-202 ft, casing diameter 6 to 2 in.

DATUM.--Elevation of land surface datum is 25.8 ft above NGVD of 1929. Measuring point: File marks in top of 6-in. casing, 1.15 ft above land-surface datum.

INSTURMENTATION.--Water-stage recorder. Satellite telemetry at site.

PERIOD OF RECORD.--1964 to current year.

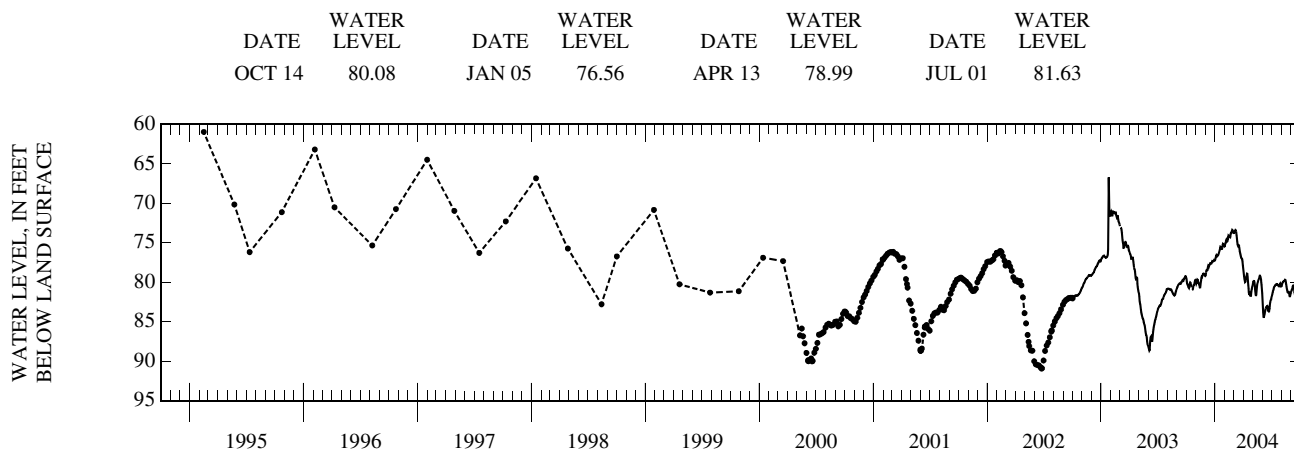
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.61 ft below land-surface datum, Mar. 14, 1965; lowest recorded, 90.92 ft below land-surface datum, June 23, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 73.35 ft below land surface datum, Feb. 25, 26; lowest recorded 84.53 ft below land surface datum, June 5.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79.61	79.93	79.18	77.15	75.41	73.73	78.47	80.19	82.26	81.72	80.51	81.16
2	79.89	80.16	79.13	77.00	75.21	73.73	78.87	79.94	83.13	81.55	80.35	81.05
3	80.10	80.07	78.78	76.84	75.11	73.70	79.28	79.91	83.80	81.34	80.19	80.97
4	80.22	79.78	78.53	76.68	75.03	73.67	79.56	79.86	84.30	81.17	80.11	80.87
5	80.30	79.65	78.49	76.56	74.73	73.49	79.77	79.88	84.51	81.05	79.99	80.71
6	80.40	79.69	78.50	76.63	74.63	73.39	79.97	80.09	84.35	80.95	79.92	80.50
7	80.55	79.83	78.47	76.74	74.74	73.44	79.93	80.41	84.09	80.80	79.88	80.44
8	80.67	79.98	78.28	76.70	74.84	73.55	79.62	80.80	83.91	80.64	79.86	80.55
9	80.73	80.11	78.05	76.58	74.83	73.76	79.48	81.20	83.70	80.54	79.86	80.68
10	80.55	80.19	77.91	76.57	74.67	74.06	79.34	81.51	83.47	80.49	79.84	80.79
11	80.29	80.27	77.98	76.55	74.43	74.43	79.16	81.73	83.32	80.44	79.76	81.13
12	80.11	80.41	78.05	76.47	74.21	74.87	78.93	81.53	83.22	80.38	79.69	81.39
13	80.01	80.65	77.91	76.34	74.31	75.16	78.95	81.04	83.20	80.36	79.71	81.29
14	80.07	80.75	77.83	76.20	74.27	75.32	79.34	80.62	83.14	80.29	79.88	81.64
15	80.26	80.43	77.75	76.06	74.15	75.42	79.83	80.28	83.03	80.24	80.07	81.89
16	80.49	80.04	77.61	75.93	74.17	75.36	80.36	80.14	83.03	80.26	80.24	81.53
17	80.64	79.80	77.62	75.68	74.22	75.34	80.78	79.99	83.15	80.31	80.57	81.35
18	---	79.44	77.64	75.50	74.27	75.48	81.25	79.84	83.40	80.31	80.80	81.61
19	80.97	79.31	77.64	75.52	74.17	75.78	81.50	79.71	83.60	80.27	80.98	81.72
20	80.95	79.34	77.63	75.59	73.88	76.08	81.54	79.61	83.65	80.32	81.23	81.70
21	80.92	79.27	77.61	75.67	73.76	76.29	81.42	79.51	83.41	80.39	81.28	81.74
22	80.79	79.12	77.46	75.76	73.76	76.45	81.36	79.34	83.32	80.43	81.23	81.77
23	80.53	78.95	77.33	75.75	73.64	76.65	81.57	79.17	83.40	80.43	81.21	81.77
24	80.41	78.90	77.34	75.59	73.50	76.82	81.81	79.16	83.09	80.49	81.21	81.77
25	80.38	78.91	77.37	75.28	73.37	76.96	81.67	79.28	82.65	80.62	81.33	81.88
26	80.32	78.92	77.36	75.14	73.40	76.97	81.22	79.49	82.46	80.45	81.56	81.75
27	80.15	78.94	77.31	75.18	73.58	77.01	80.95	79.72	82.33	80.21	81.77	81.53
28	79.90	79.02	77.26	75.31	73.71	77.20	80.74	79.99	82.20	80.15	81.77	81.49
29	79.74	79.17	77.18	75.36	73.75	77.39	80.60	80.33	82.03	80.27	81.56	81.58
30	79.70	79.21	77.20	75.40	---	77.83	80.45	80.83	81.88	80.44	81.37	81.68
31	79.70	---	77.22	75.46	---	78.14	---	81.38	---	80.51	81.27	---
MAX	---	80.75	79.18	77.15	75.41	78.14	81.81	81.73	84.51	81.72	81.77	81.89
MIN	---	78.90	77.18	75.14	73.37	73.39	78.47	79.16	81.88	80.15	79.69	80.44

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004



ACADIA PARISH—Continued

LOCAL NUMBER.--Ac-335L, Site ID 301832092234503.

LOCATION.--Lat 30° 18'32", long 92° 23'48", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 1,363 ft, screened 1,358-1,363 ft, casing diameter 1 1/2 in.

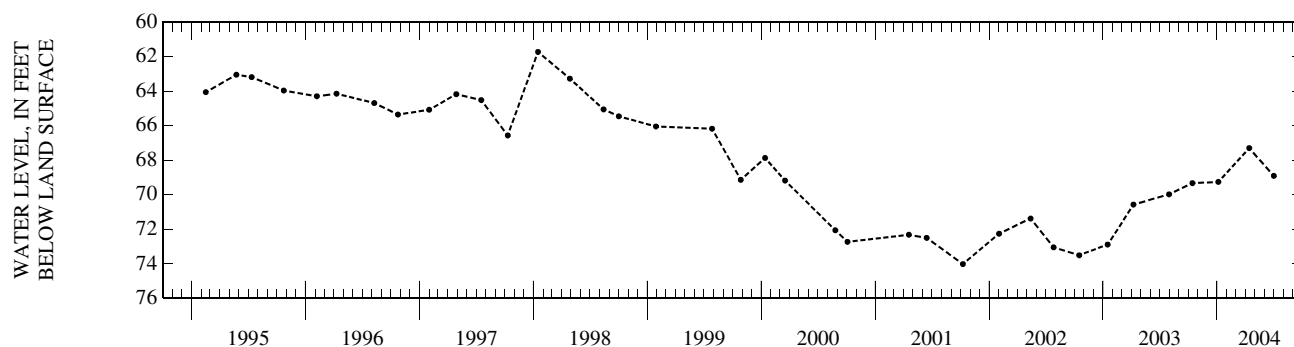
DATUM.--Elevation of land surface datum is 24.55 ft above NGVD of 1929. Measuring point: Top of 1 1/2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1966-79, 1981, 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.43 ft below land-surface datum, Mar. 31, 1970; lowest recorded, 74.45 ft below land-surface datum, Apr 20, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	69.33	JAN 05	69.26	APR 13	67.30	JUL 01	68.91
WATER YEAR 2004		HIGHEST	67.30	APR 13, 2004	LOWEST	69.33	OCT 14, 2003



LOCAL NUMBER.--Ac-335U, Site ID 301832092234504.

LOCATION.--Lat 30° 18'32", long 92° 23'48", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).

WELL CHARACTERISTICS.--Depth 902 ft, screened 902-907 ft, casing diameter 4 in.

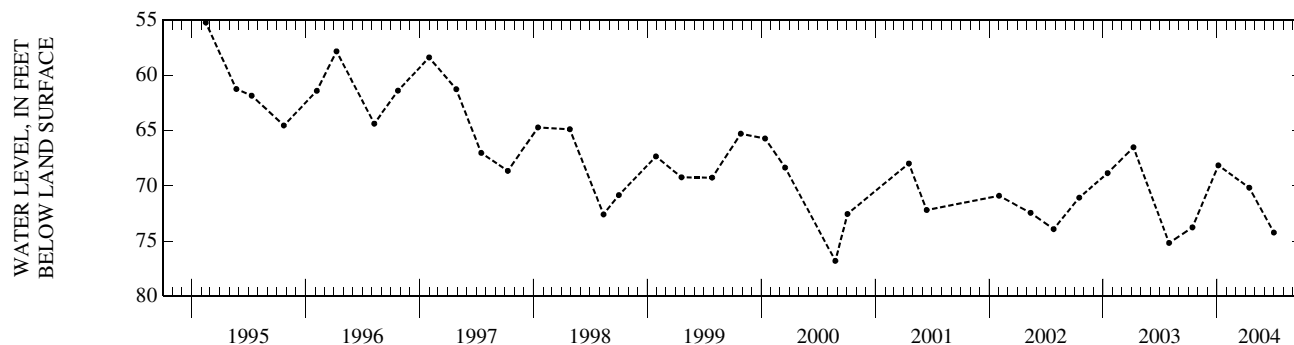
DATUM.--Elevation of land surface datum is 24.55 ft above NGVD of 1929. Measuring point: Top of 1 1/2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1966-79, 1981, 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.59 ft below land-surface datum, Mar. 5, 1968; lowest recorded, 76.79 ft below land-surface datum, Aug. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	73.76	JAN 05	68.15	APR 13	70.17	JUL 01	74.23
WATER YEAR 2004		HIGHEST	68.15	JAN 05, 2004	LOWEST	73.76	OCT 14, 2003



ACADIA PARISH—Continued

LOCAL NUMBER.--Ac-428, Site ID 302654092341001.

LOCATION.--Lat 30° 27'33", long 92° 34'22", Hydrologic Unit 08080201, Sec. 9, T. 7S, R. 2W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 203 ft, screened 198-203 ft, casing diameter 2 in.

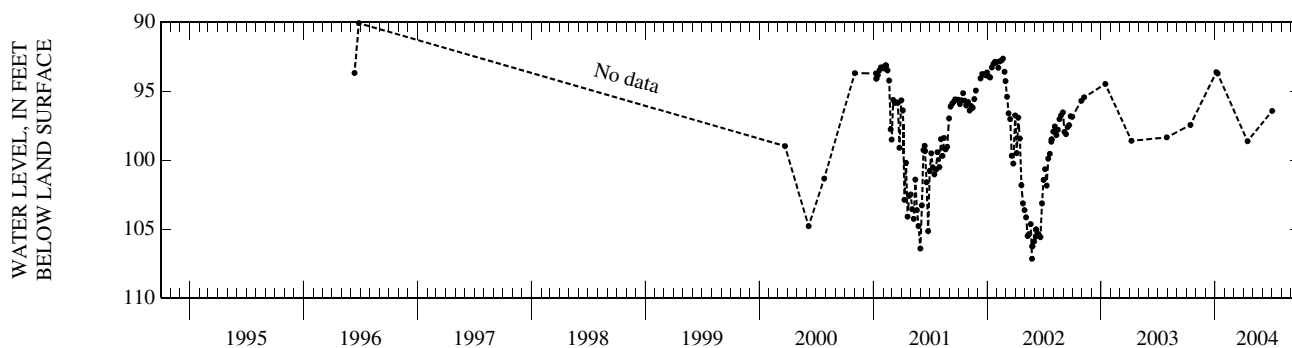
DATUM.--Elevation of land surface datum is 42 ft above NGVD of 1929. Measuring point: Top of 2-in. pipe, at land-surface datum.

PERIOD OF RECORD.--1977-79, 1981, 1983, 1985, 1991-96, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 77.47 ft. below land-surface datum, Mar. 5, 1991; lowest recorded, 107.14 ft below land-surface datum, May 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	97.45	JAN 05	93.63	JAN 09	93.72	APR 14	98.63	JUL 02	96.44
WATER YEAR 2004		HIGHEST	93.63 JAN 05, 2004	LOWEST	98.63	APR 14, 2004			



LOCAL NUMBER.--Ac-876, Site ID 301046092214501.

LOCATION.--Lat 30° 10'43", long 92° 21'1", Hydrologic Unit 08080201, Sec. 15, T.10S, R. 1E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 298 ft, screened 218-298 ft, casing diameter 14 to 12 to 8 in.

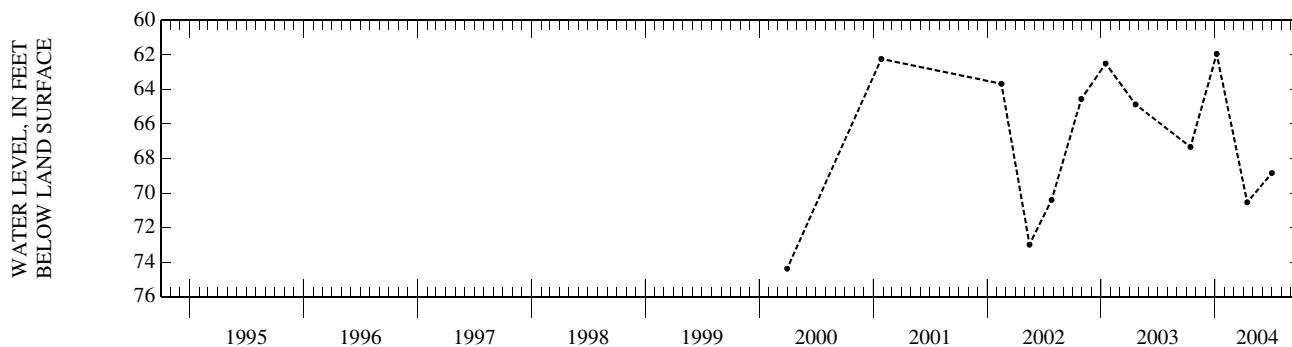
DATUM.--Elevation of land surface datum is 21 ft above NGVD of 1929. Measuring point: 3/4-in. plug on east side of discharge pipe, 2.3 feet above land-surface datum.

PERIOD OF RECORD.--2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 61.94 ft. below land-surface datum, Jan. 6, 2004; lowest recorded, 74.38 ft below land-surface datum, Mar. 30, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	67.33	JAN 06	61.94	APR 13	70.54	JUL 01	68.84
WATER YEAR 2004		HIGHEST	61.94 JAN 06, 2004	LOWEST	70.54	APR 13, 2004	



ALLEN PARISH

LOCAL NUMBER.--AI-241, Site ID 303004092541101.

LOCATION.--Lat 30° 30'04", long 92° 54'11", Hydrologic Unit 08080203, Sec. 29, T. 6S, R. 5W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 62 ft, screened 59-62 ft, casing diameter 1 1/4 in.

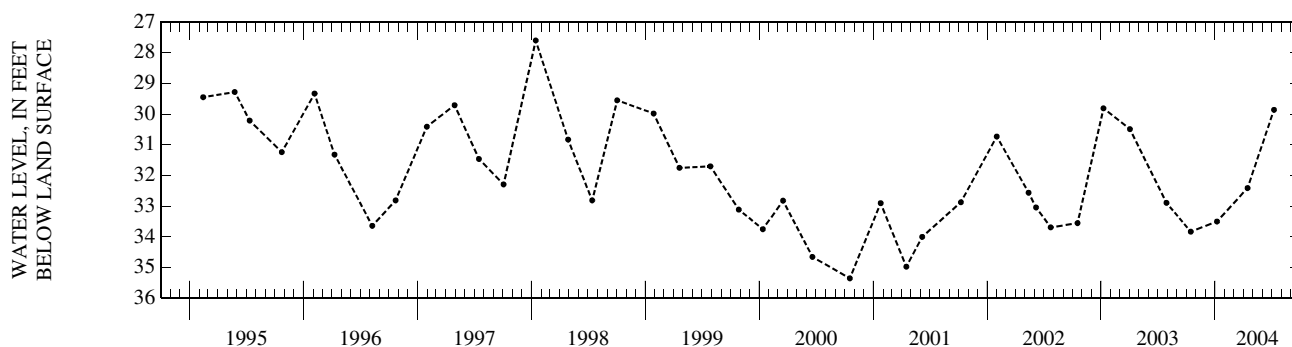
DATUM.--Elevation of land surface datum is 42.97 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1957-79, 1981, 1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.84 ft below land-surface datum, Mar. 21, 1961; lowest recorded, 35.35 ft below land-surface datum, Oct. 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	33.83	JAN 07	33.50	APR 14	32.41	JUL 08	29.86
WATER YEAR 2004 HIGHEST		29.86	JUL 08, 2004	LOWEST		33.83	OCT 15, 2003



LOCAL NUMBER.--AI-261, Site ID 305157092474401.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 974 ft, screened 933-974 ft, casing diameter 8 to 4 in.

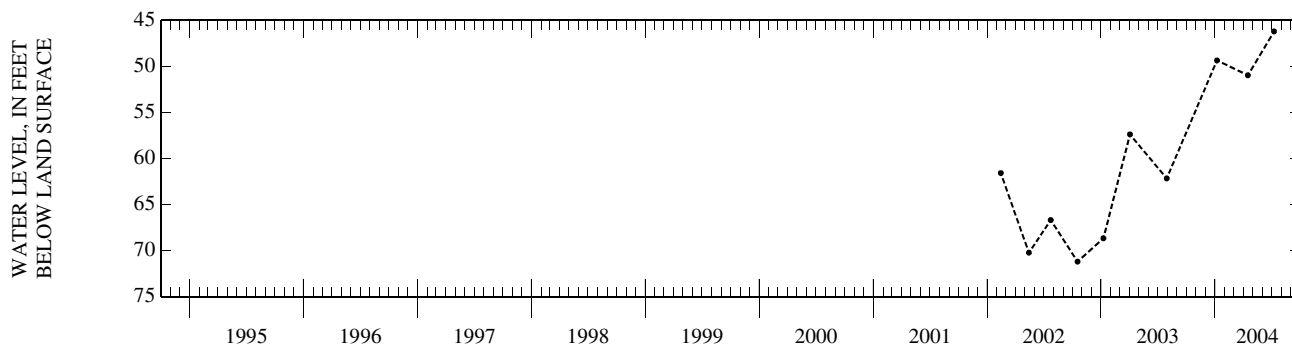
DATUM.--Elevation of land surface datum is 135 ft above NGVD of 1929. Measuring point: 3/4-in. coupling in sanitary seal on north side, 0.7 feet above land-surface datum.

PERIOD OF RECORD.--1968, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.15 ft. below land-surface datum, Jun. 10, 1968; lowest recorded, 71.20 ft below land-surface datum, Oct. 17, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 07	49.35	APR 15	50.96	JUL 08	46.20
WATER YEAR 2004 HIGHEST		46.20	JUL 08, 2004	LOWEST	
				50.96 APR 15, 2004	



ALLEN PARISH—Continued

LOCAL NUMBER.--AI-269, Site ID 303118092493901.

LOCATION.--Lat 30° 31' 18", long 92° 49' 39", Hydrologic Unit 08080203, Sec. 24, T. 6S, R. 5W.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 660 ft, screened interval unknown, casing diameter 4 in.

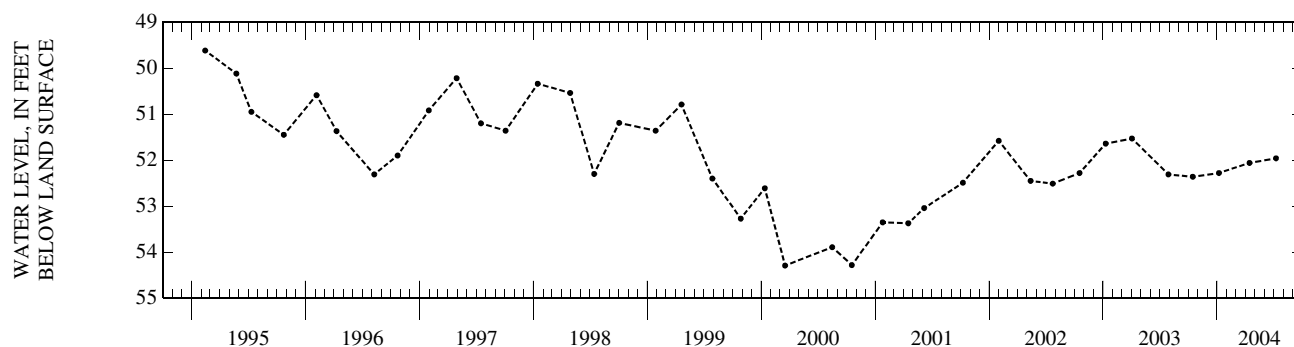
DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: 1/2-in. hole in sanitary seal, 1.38 ft above land-surface datum.

PERIOD OF RECORD.--1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 49.62 ft below land-surface datum, Feb. 13, 1995, lowest recorded, 54.57 ft below land-surface datum, May 18, 1993.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	52.36	JAN 07	52.28	APR 14	52.06	JUL 08	51.96
WATER YEAR 2004 HIGHEST		51.96	JUL 08, 2004	LOWEST		52.36	OCT 15, 2003



LOCAL NUMBER.--AI-293, Site ID 304337092504001.

LOCATION.--Lat 30° 43' 37", long 92° 50' 40", Hydrologic Unit 08080203, Sec. 11, T. 4S, R. 5W

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 84 ft, screened 79-84 ft, casing diameter 2 in.

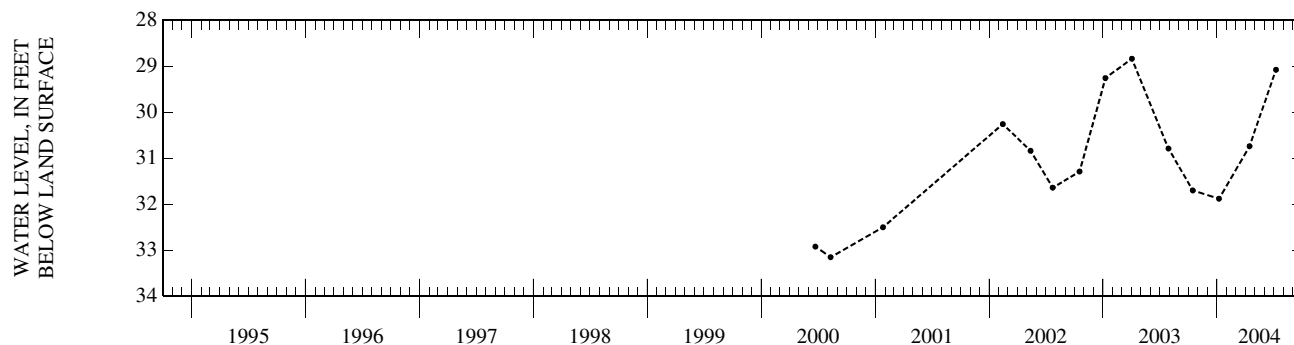
DATUM.--Elevation of land surface datum is 100 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 1.6 feet above land-surface datum.

PERIOD OF RECORD.--1974-79, 1983, 1985, 1991, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 27.63 ft. below land-surface datum, June 19, 1975; lowest recorded, 33.15 ft below land-surface datum, Aug. 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	31.70	JAN 07	31.88	APR 14	30.74	JUL 08	29.08
WATER YEAR 2004 HIGHEST		29.08	JUL 08, 2004	LOWEST		31.88	JAN 07, 2004



ALLEN PARISH—Continued

LOCAL NUMBER.--AI-396, Site ID 303147093022801.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 315 ft, screened 285-315 ft, casing diameter 6 5/8 in.

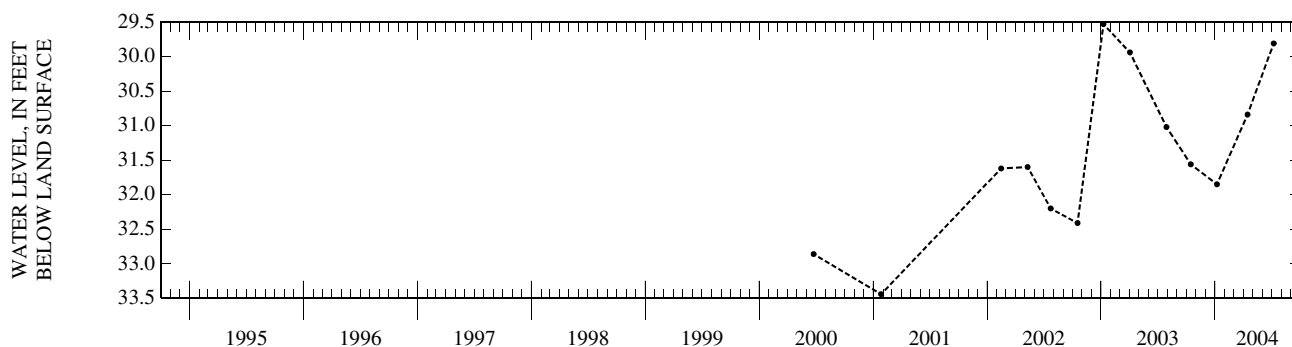
DATUM.--Elevation of land surface datum is 57 ft above NGVD of 1929. Measuring point: Top of 3/4-in. vent at plug, 2.85 feet above land-surface datum.

PERIOD OF RECORD.--1989, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.53 ft. below land-surface datum, Jan. 8, 2003; lowest recorded, 34.50 ft below land-surface datum (reported), Apr. 19, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	31.56	JAN 07	31.85	APR 14	30.84	JUL 07	29.81
WATER YEAR 2004		HIGHEST	29.81	JUL 07, 2004	LOWEST	31.85	JAN 07, 2004



ASCENSION PARISH

LOCAL NUMBER.--An-267, Site ID 301544090543901.

LOCATION.--Hydrologic Unit 08070204.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 488 ft, screened 388-488 ft, casing diameter 12 to 10 in.

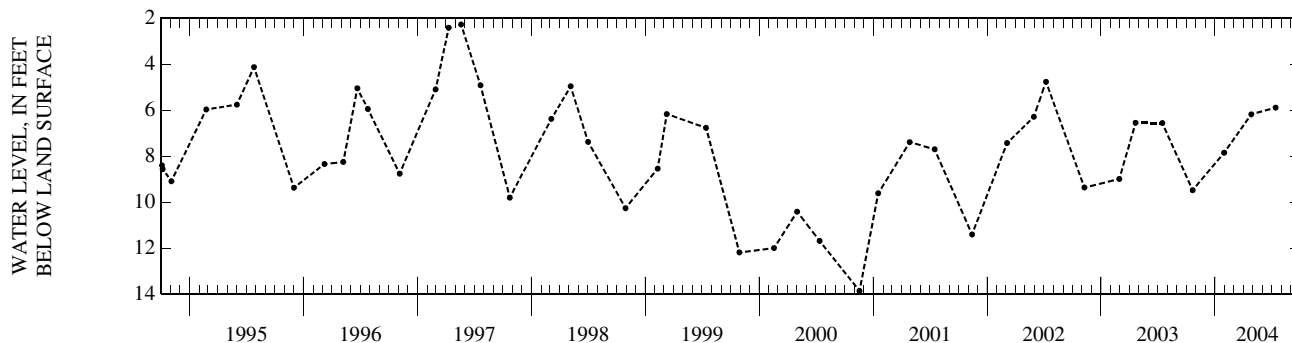
DATUM.--Elevation of land surface datum is 7 ft above NGVD of 1929. Measuring point: Plug in 2-in. breather chlorinator pipe, 6.1 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.28 ft below land-surface datum, May 20, 1997; lowest recorded, 13.85 ft below land-surface datum, Nov. 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	9.48	JAN 30	7.85	APR 26	6.18	JUL 13	5.89
WATER YEAR 2004		HIGHEST	5.89	JUL 13, 2004	LOWEST	9.48	OCT 21, 2003



AVOYELLES PARISH

LOCAL NUMBER.--Av-164, Site ID 310453092022901.

LOCATION.--Lat 31° 04'53", long 92° 02'29", Hydrologic Unit 08040301, Sec. 47, T. 1N, R. 4E.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 192 ft, screened 182-192 ft, casing diameter 1 1/4 in.

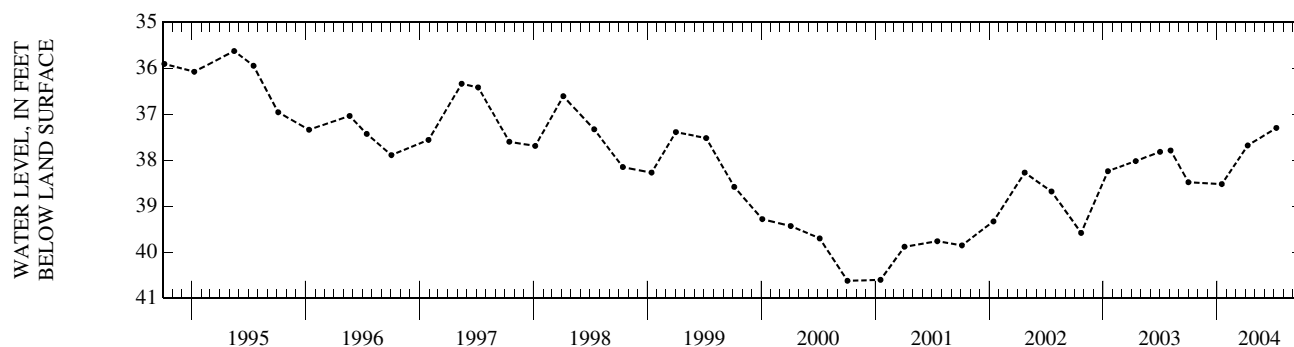
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.

PERIOD OF RECORD.--1966-79, 1985-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.78 ft below land-surface datum, June 30, 1975; lowest recorded, 41.90 ft below land-surface datum, Nov. 5, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	38.48	JAN 16	38.52	APR 08	37.68	JUL 09	37.30
WATER YEAR 2004		HIGHEST	37.30	JUL 09, 2004	LOWEST	38.52	JAN 16, 2004



LOCAL NUMBER.--Av-271, Site ID 311336092095901.

LOCATION.--Lat 31° 13'36", long 92° 09'59", Hydrologic Unit 08040301, Sec. 38, T. 3N, R. 3E.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 370 ft, screened 365-370 ft, casing diameter 2 in.

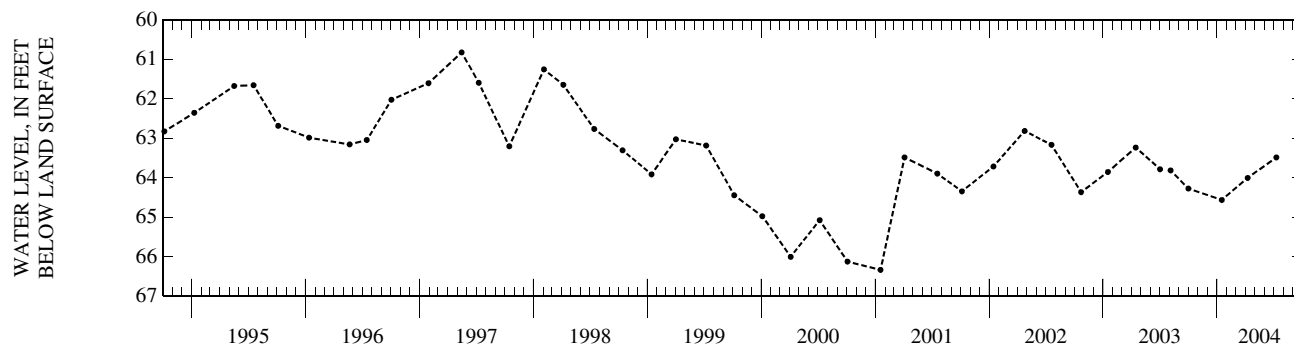
DATUM.--Elevation of land surface datum is 95 ft above NGVD of 1929. Measuring point: Top of bushing, 3.35 ft above land-surface datum.

PERIOD OF RECORD.--1966-84, 1986-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 55.02 below land-surface datum, July 18, 1973; lowest recorded, 67.49 ft below land-surface datum, Mar. 4, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	64.27	JAN 16	64.56	APR 08	64.00	JUL 09	63.48
WATER YEAR 2004		HIGHEST	63.48	JUL 09, 2004	LOWEST	64.56	JAN 16, 2004



AVOYELLES PARISH—Continued

LOCAL NUMBER.--Av-329, Site ID 311708092073701.

LOCATION.--Lat 31° 17'08", long 92° 07'37", Hydrologic Unit 08040301, Sec. 38, T. 4N, R. 3E.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 45 ft, screened 42-45 ft, casing diameter 1 1/4 in.

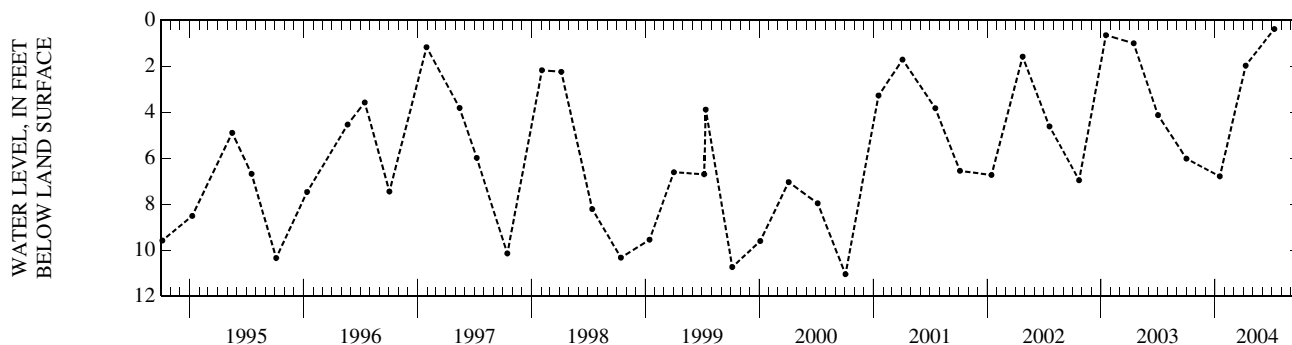
DATUM.--Elevation of land surface datum is 45.6 ft above NGVD of 1929. Measuring point: Top of casing, 0.06 below land-surface datum.

PERIOD OF RECORD.--1968-76, 1980-85, 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.10 ft above land-surface datum, Mar. 15, 1973; lowest recorded, 13.00 ft below land-surface datum, Oct. 27, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	6.02	JAN 16	6.79	APR 08	1.98	JUL 09	.39
WATER YEAR 2004		HIGHEST	.39 JUL 09, 2004	LOWEST	6.79 JAN 16, 2004		



BEAUREGARD PARISH

LOCAL NUMBER.--Be-377, Site ID 304548093320501.

LOCATION.--Hydrologic Unit 12010005.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 405 ft, screened 384-405 ft, casing diameter 4 in.

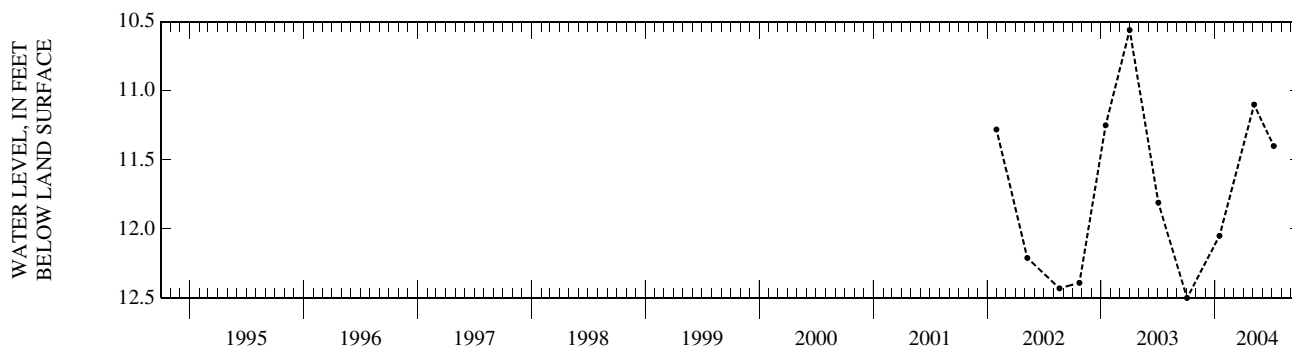
DATUM.--Elevation of land surface datum is 83 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe on south side of well, 0.40 feet above land-surface datum.

PERIOD OF RECORD.--1953, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft. below land-surface datum (reported), June 27, 1953; lowest recorded, 12.50 ft below land-surface datum, Oct. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	12.50	JAN 15	12.05	MAY 05	11.10	JUL 07	11.40
WATER YEAR 2004		HIGHEST	11.10 MAY 05, 2004	LOWEST	12.50 OCT 03, 2003		



BEAUREGARD PARISH—Continued

LOCAL NUMBER.--Be-430, Site ID 303644093020401.

LOCATION.--Lat 30° 36'44", long 93° 02'04", Hydrologic Unit 08080203, Sec. 24, T. 5S, R. 7W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 123 ft, screened 118-123 ft, casing diameter 2 in.

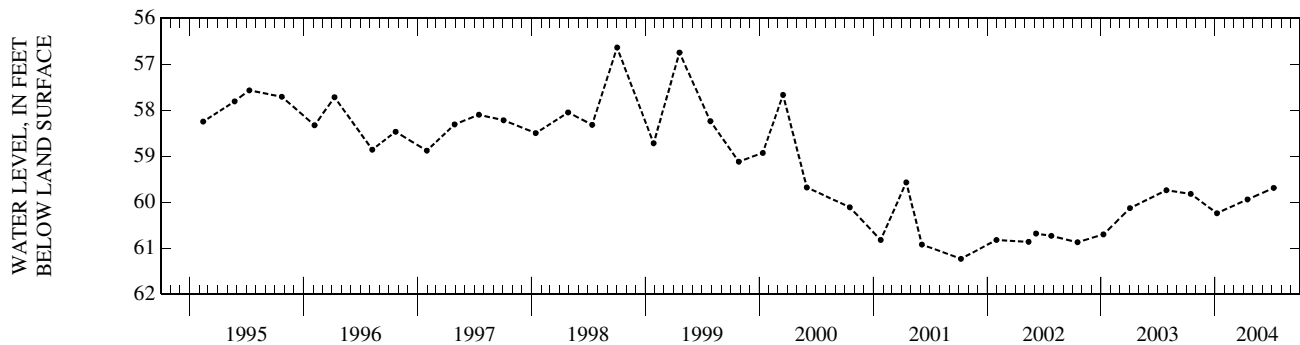
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.64 ft below land-surface datum, Oct. 2, 1998; lowest recorded, 63.43 ft below land-surface datum, Dec. 7, 1993.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	59.82	JAN 07	60.24	APR 14	59.94	JUL 07	59.69
WATER YEAR 2004		HIGHEST	59.69 JUL 07, 2004	LOWEST	60.24 JAN 07, 2004		



LOCAL NUMBER.--Be-435, Site ID 305019093292401.

LOCATION.--Lat 30° 50'19", long 93° 29'24", Hydrologic Unit 12010005, Sec. 4, T 3S, R.11W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 124 ft, screened 119-124 ft, casing diameter 2 in.

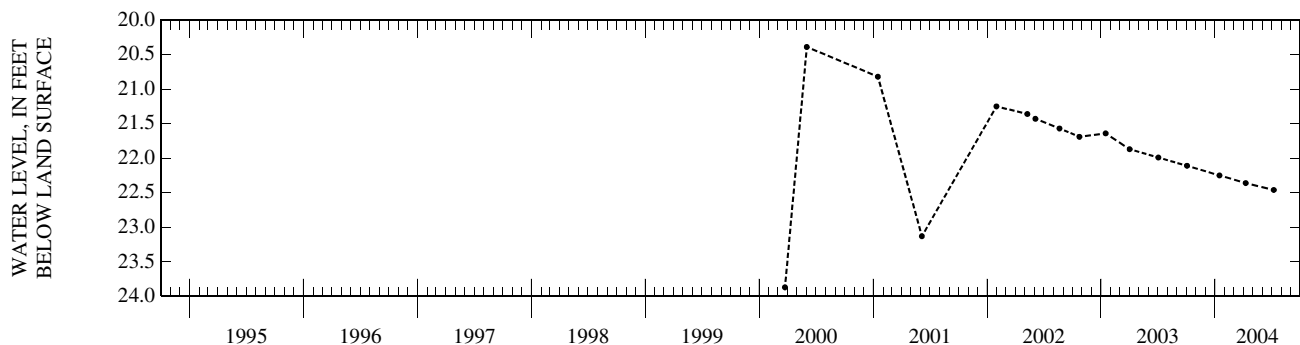
DATUM.--Elevation of land surface datum is 129 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 3.9 feet above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1991, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.80 ft. below land-surface datum, May 7, 1974; lowest recorded, 23.87 ft below land-surface datum, Mar. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	22.11	JAN 15	22.25	APR 08	22.36	JUL 07	22.46
WATER YEAR 2004		HIGHEST	22.11 OCT 03, 2003	LOWEST	22.46 JUL 07, 2004		



GROUND-WATER LEVELS
BEAUREGARD PARISH—Continued

LOCAL NUMBER.--Be-440, Site ID 305251093211401.

LOCATION.--Lat 30° 52' 51", long 93° 21' 14", Hydrologic Unit 12010005, Sec. 23, T 2S, R. 10W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 169 ft, screened 164-169 ft, casing diameter 2 in.

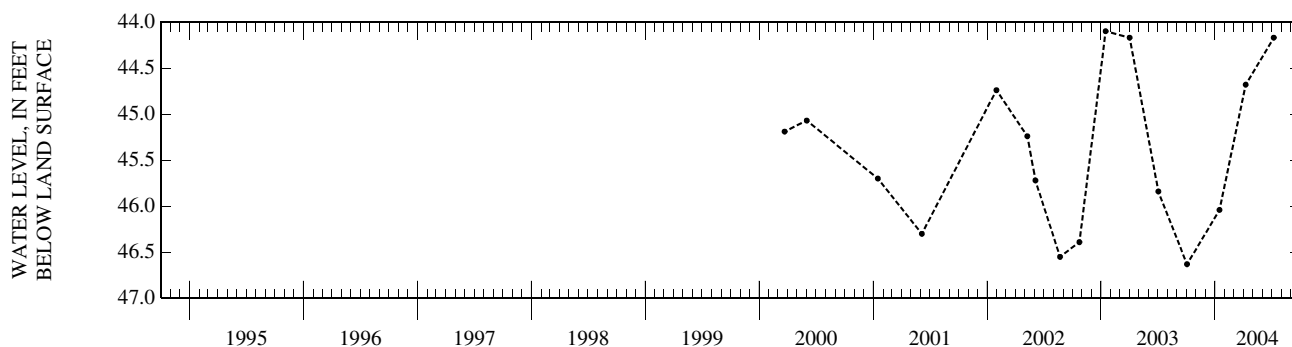
DATUM.--Elevation of land surface datum is 212 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.45 feet above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1991, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.39 ft below land-surface datum, June 6, 1974; lowest recorded, 46.63 ft below land-surface datum, Oct. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	46.63	JAN 15	46.04	APR 08	44.68	JUL 07	44.17
WATER YEAR 2004		HIGHEST	44.17	JUL 07, 2004	LOWEST	46.63	OCT 03, 2003



LOCAL NUMBER.--Be-443, Site ID 305018093251301.

LOCATION.--Lat 30° 50' 18", long 93° 25' 13", Hydrologic Unit 12010005, Sec. 5, T. 3S, R. 10W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 164 ft, screened 159-164 ft, casing diameter 2 in.

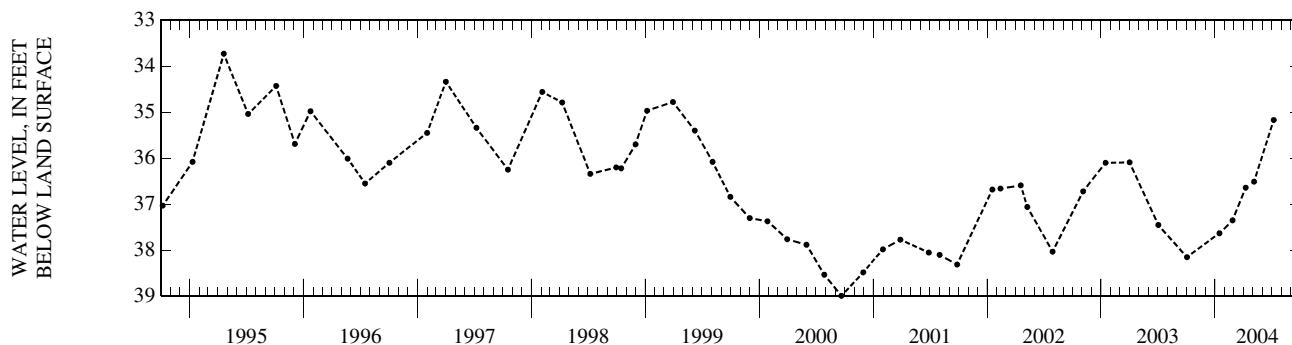
DATUM.--Elevation of land surface datum is 206 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981, 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.16 ft below land-surface datum, Apr. 8, 1992; lowest recorded, 38.99 ft below land-surface datum, Sept. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	38.15	JAN 15	37.63	FEB 26	37.35	APR 08	36.64	MAY 05	36.51
WATER YEAR 2004		HIGHEST	35.17	JUL 07, 2004	LOWEST	38.15	OCT 03, 2003		



BEAUREGARD PARISH—Continued

LOCAL NUMBER.--Be-501, Site ID 305035093305402.

LOCATION.--Lat 30° 50'35", long 93° 30'54", Hydrologic Unit 12010005, Sec.32, T 2S, R.11W.

AQUIFER.--Jasper aquifer of Miocene age (122JSPR).

WELL CHARACTERISTICS.--Depth 755 ft, screened 735-755 ft, casing diameter 4 in.

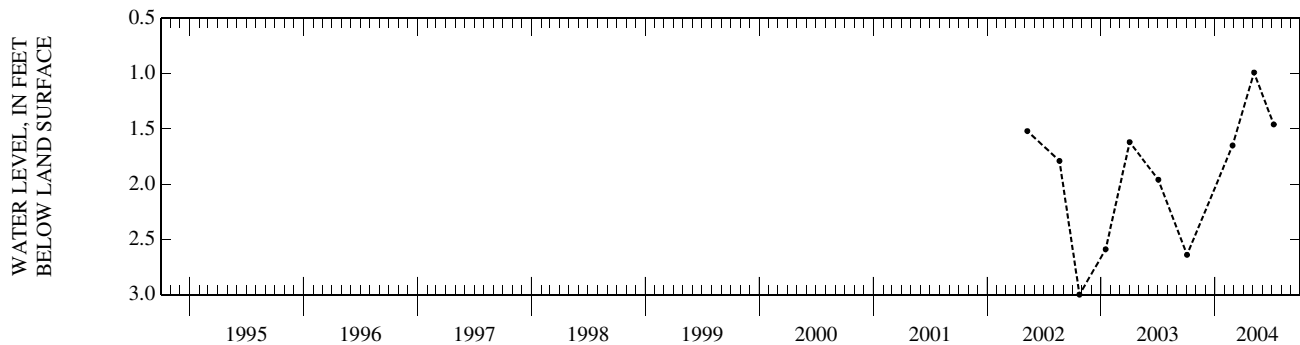
DATUM.--Elevation of land surface datum is 105 ft above NGVD of 1929. Measuring point: 3/8-in. hole drilled in west side of PVC casing, 2.1 feet above land-surface datum.

PERIOD OF RECORD.--2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.99 ft. below land-surface datum, May 5, 2004; lowest recorded, 3.00 ft below land-surface datum, Oct. 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	2.64	FEB 26	1.65	MAY 05	.99	JUL 07	1.46
WATER YEAR 2004 HIGHEST		.99	MAY 05, 2004	LOWEST		2.64	OCT 03, 2003



LOCAL NUMBER.--Be-505, Site ID 305037093090404.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 887 ft, screened 841-887 ft, casing diameter 12 3/4 to 8 5/8 in.

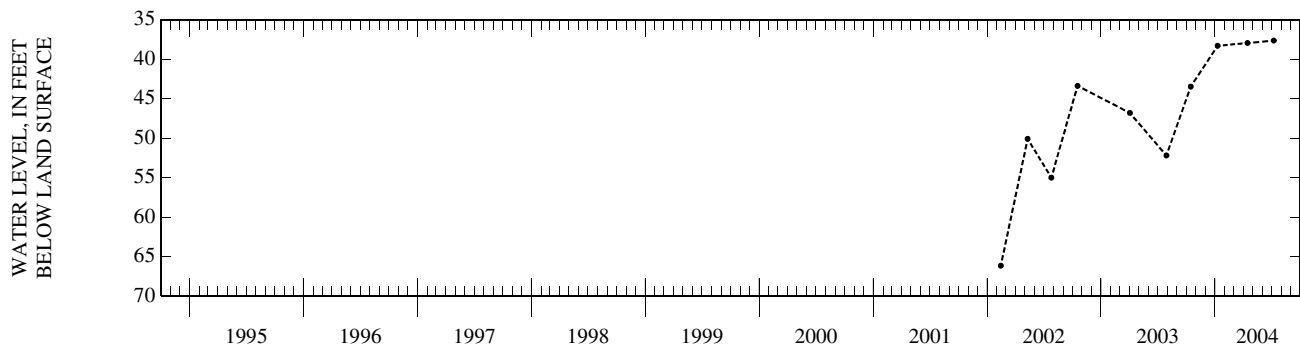
DATUM.--Elevation of land surface datum is 181 ft above NGVD of 1929. Measuring point: Bottom lip of 2-in. elbow for breather on northwest side of casing, 3.55 feet above land-surface datum.

PERIOD OF RECORD.--1988, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.0 ft. below land-surface datum (reported), Aug. 2, 1988; lowest recorded, 66.16 ft below land-surface datum, Feb. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	43.47	JAN 09	38.30	APR 14	37.95	JUL 07	37.64
WATER YEAR 2004 HIGHEST		37.64	JUL 07, 2004	LOWEST		43.47	OCT 15, 2003



GROUND-WATER LEVELS
BEAUREGARD PARISH—Continued

LOCAL NUMBER.--Be-512, Site ID 303900093250401.

LOCATION.--Hydrologic Unit 08080205.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 918 ft, screened 837-857, 869-880, 890-918 ft, casing diameter 20 to 12 3/4 to 8 5/8 in.

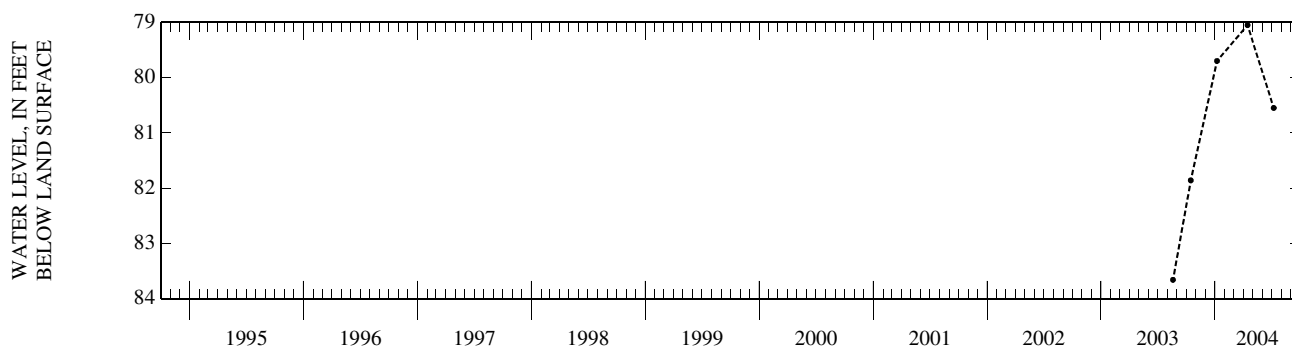
DATUM.--Elevation of land surface datum is 142 ft above NGVD of 1929. Measuring point: Bottom lip 1 1/4-in. access pipe on east side of well, 1.9 feet above land-surface datum.

PERIOD OF RECORD.--1991, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.0 ft. below land-surface datum (reported), Apr. 16, 1991; lowest recorded, 83.66 ft below land-surface datum, Aug. 19, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	81.86	JAN 07	79.70	APR 14	79.05	JUL 07	80.55
WATER YEAR 2004		HIGHEST	79.05	APR 14, 2004	LOWEST	81.86	OCT 15, 2003



BIENVILLE PARISH

LOCAL NUMBER.--Bi-144, Site ID 323505092535001.

LOCATION.--Lat 32° 35' 05", long 92° 53' 50", Hydrologic Unit 08040206, Sec. 4, T. 18N, R. 5W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 630 ft, screened 620-630 ft, casing diameter 2 in.

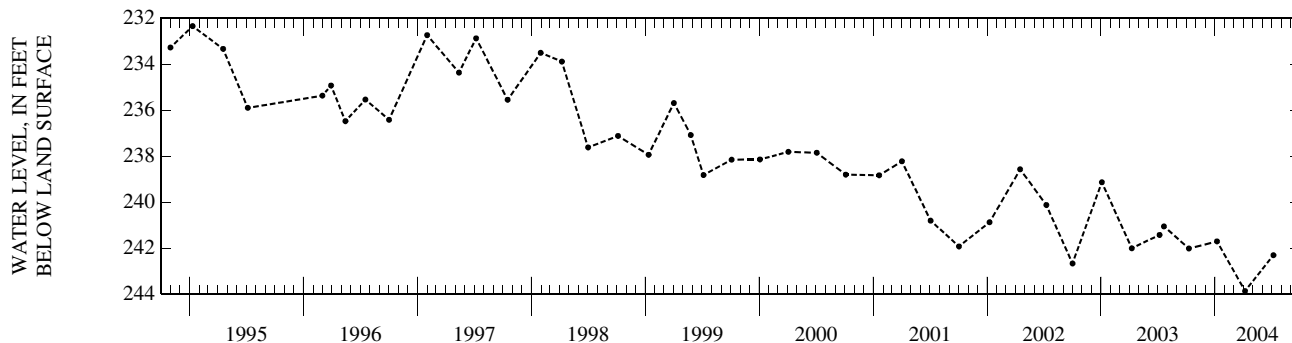
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Top of casing, 2.85 ft above land-surface datum.

PERIOD OF RECORD.--1970-73, 1975, 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 198.27 ft below land-surface datum, Sept. 1, 1970; lowest recorded, 243.86 ft below land-surface datum, Apr. 6, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	242.01	JAN 07	241.70	APR 06	243.86	JUL 06	242.30
WATER YEAR 2004		HIGHEST	241.70	JAN 07, 2004	LOWEST	243.86	APR 06, 2004



BIENVILLE PARISH—Continued

LOCAL NUMBER.--Bi-166, Site ID 322436092500501.

LOCATION.--Lat 32° 24' 36", long 92° 50' 05", Hydrologic Unit 08040303, Sec. 1, T. 16N, R. 5W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472 ft, casing diameter 2 in.

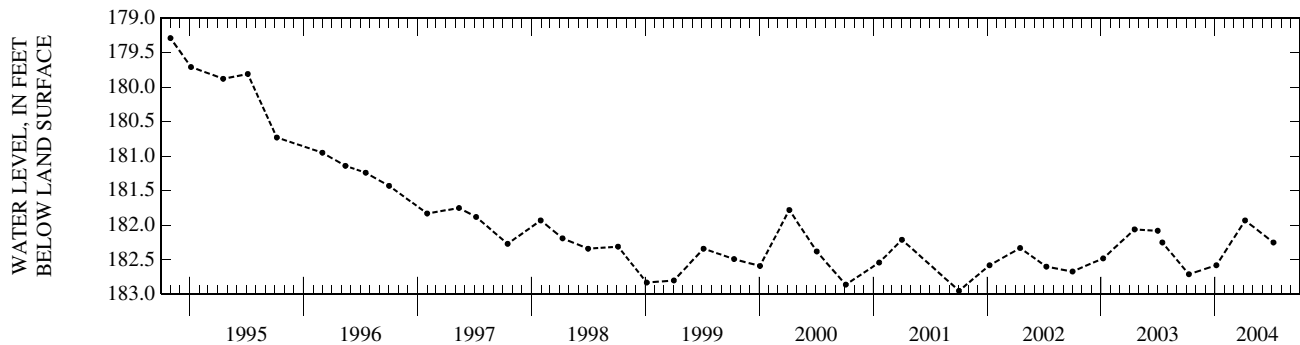
DATUM.--Elevation of land surface datum is 260 ft above NGVD of 1929. Measuring point: Top of bushing, 0.2 ft above land-surface datum.

PERIOD OF RECORD.--1975-82, 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 155.21 ft below land-surface datum, Apr. 28, 1975; lowest recorded, 182.95 ft below land-surface datum, Oct. 2, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	182.71	JAN 05	182.58	APR 06	181.93	JUL 06	182.25
WATER YEAR 2004		HIGHEST	181.93	APR 06, 2004	LOWEST	182.71	OCT 09, 2003



LOCAL NUMBER.--Bi-214, Site ID 322343093211501.

LOCATION.--Lat 32° 23' 43", long 93° 21' 15", Hydrologic Unit 11140203, Sec. 1, T. 16N, R. 10W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 159 ft, screened 149-159 ft, casing diameter 2 in.

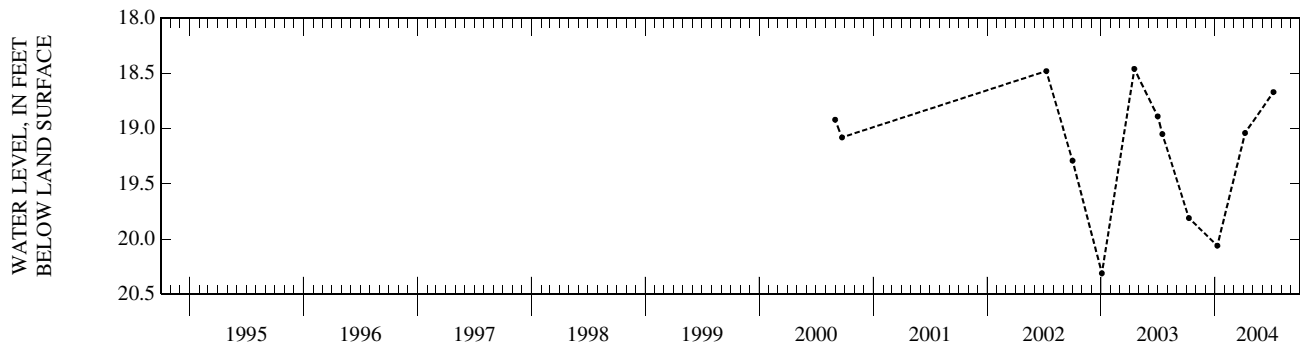
DATUM.--Elevation of land surface datum is 177 ft above NGVD of 1929. Measuring point: Marks in collar on top of casing, 4.12 ft above land-surface datum.

PERIOD OF RECORD.--1979-87, 1991, 2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.95 ft below land-surface datum, Nov. 22, 1991; lowest recorded, 22.55 ft below land-surface datum, Sept. 4, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	19.81	JAN 08	20.06	APR 06	19.04	JUL 06	18.67
WATER YEAR 2004		HIGHEST	18.67	JUL 06, 2004	LOWEST	20.06	JAN 08, 2004



GROUND-WATER LEVELS
BIENVILLE PARISH—Continued

LOCAL NUMBER.--Bi-216, Site ID 322119092572301.

LOCATION.--Lat 32° 21' 19", long 92° 57' 23", Hydrologic Unit 11140208, Sec. 23, T. 16N, R. 6W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 300 ft, screened 290-300 ft, casing diameter 2 in.

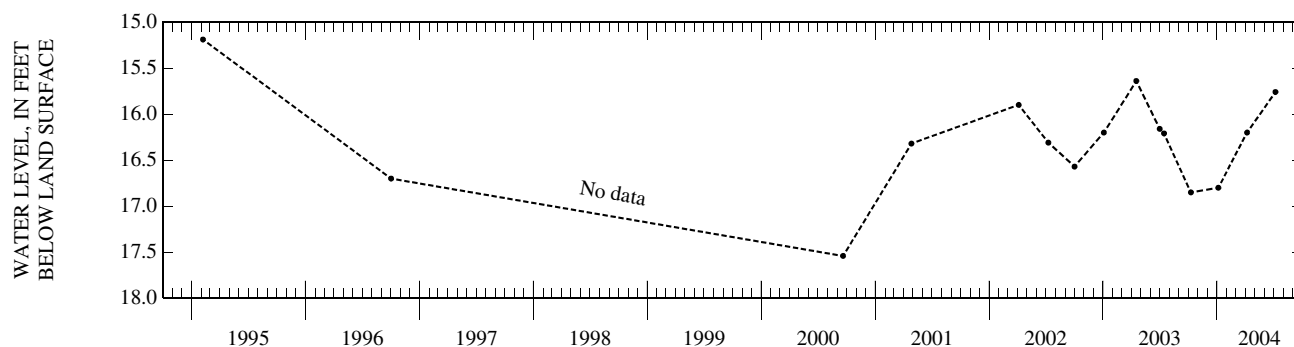
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1979-87, 1989-90, 1995-96, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.82 ft below land-surface datum, May 19, 1980; lowest recorded, 17.54 ft below land-surface datum, Sept. 19, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	16.85	JAN 05	16.80	APR 06	16.2	JUL 06	15.76
WATER YEAR 2004 HIGHEST		15.76	JUL 06, 2004	LOWEST		16.85	OCT 09, 2003



BOSSIER PARISH

LOCAL NUMBER.--Bo-265, Site ID 323601093354101.

LOCATION.--Lat 32° 36' 01", long 93° 35' 41", Hydrologic Unit 11140205, Sec. 34, T. 19N, R. 12W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 258 ft, screened 248-258 ft, casing diameter 2 in.

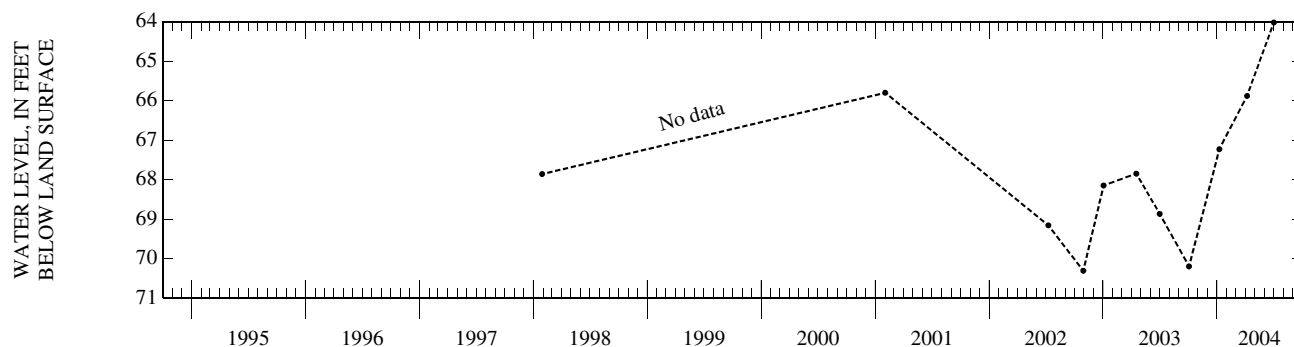
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1970-73, 1998, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 64.02 ft below land-surface datum, July 1, 2004; lowest recorded, 122.10 ft below land-surface datum, May 29, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	70.20	JAN 08	67.23	APR 06	65.88	JUL 01	64.02
WATER YEAR 2004 HIGHEST		64.02	JUL 01, 2004	LOWEST		70.20	OCT 03, 2003



BOSSIER PARISH—Continued

LOCAL NUMBER.--Bo-322, Site ID 323400093292201.

LOCATION.--Lat 32° 34'00", long 93° 29'22", Hydrologic Unit 11140203, Sec. 10, T.18N, R.11W.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 66 ft, screened 63-66 ft, casing diameter 1 1/4 in.

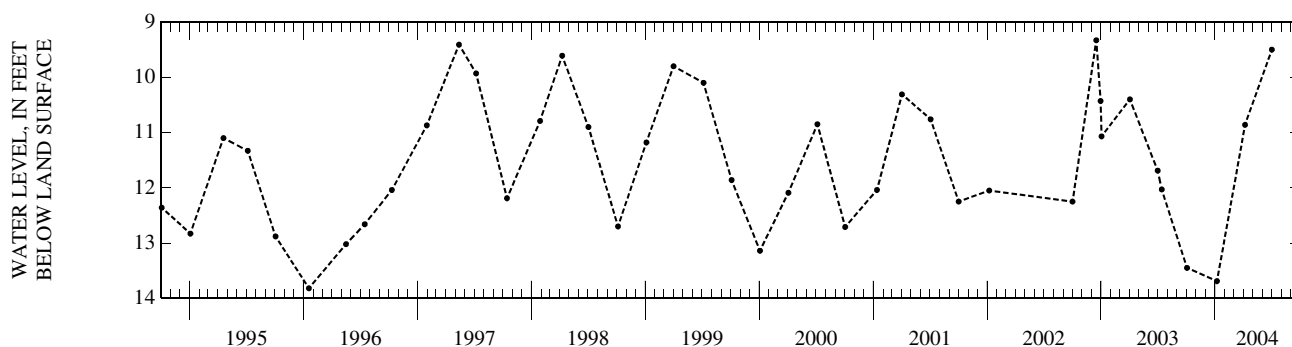
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: File marks on top of bushing, 4.1 above land-surface datum.

PERIOD OF RECORD.--1973, 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.49 ft below land-surface datum, Dec. 13, 1983; lowest recorded, 17.53 ft below land-surface datum, Nov. 2, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	13.45	JAN 07	13.69	APR 06	10.86	JUL 01	9.50
WATER YEAR 2004		HIGHEST	9.50 JUL 01, 2004	LOWEST	13.69 JAN 07, 2004		



LOCAL NUMBER.--Bo-377, Site ID 323103093414201.

LOCATION.--Lat 32° 31'03", long 93° 41'42", Hydrologic Unit 11140204, Sec.27, T.18N, R.13W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 55 ft, screened 52-55 ft, casing diameter 1.25 in.

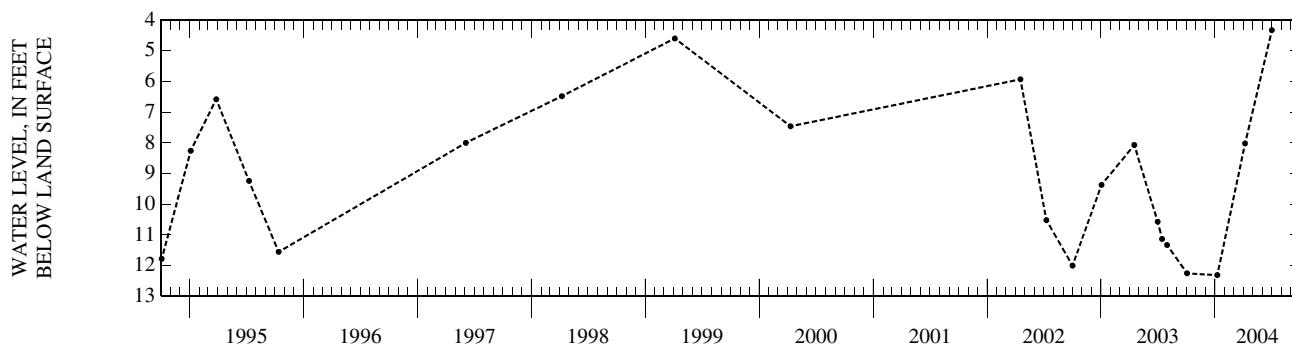
DATUM.--Elevation of land surface datum is 166.30 ft above NGVD of 1929. Measuring point: Top of 2-in. bushing, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1978-95, 1997-2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.85 ft below land-surface datum, Mar. 6, 1987; lowest recorded, 15.23 ft below land-surface datum, Nov. 2, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	12.25	JAN 08	12.31	APR 06	8.02	JUL 01	4.33
WATER YEAR 2004		HIGHEST	4.33 JUL 01, 2004	LOWEST	12.31 JAN 08, 2004		



CADDOPARISH

LOCAL NUMBER.--Cd-336, Site ID 324207093484801.

LOCATION.--Lat 32° 42' 07", long 93° 48' 48", Hydrologic Unit 11140202, Sec.28, T.20N, R.14W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 86 ft, screened 83-86 ft, casing diameter 1.25 in.

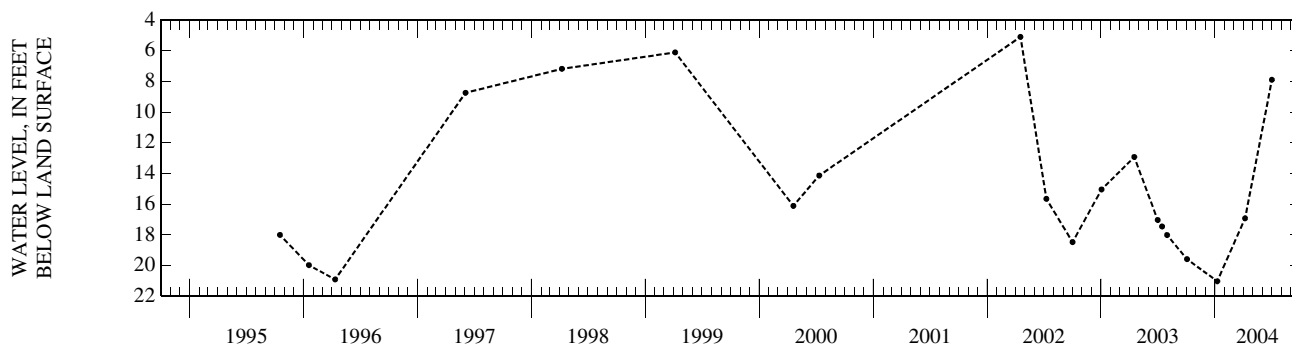
DATUM.--Elevation of land surface datum is 182.47 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1956-60, 1963-2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.4 ft below land-surface datum, Feb. 11, 1975; lowest recorded, 23.48 ft below land-surface datum, Oct. 19, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	19.58	JAN 08	21.02	APR 06	16.92	JUL 01	7.89
WATER YEAR 2004 HIGHEST		7.89	JUL 01, 2004	LOWEST		21.02	JAN 08, 2004



CALCASIEU PARISH

LOCAL NUMBER.--Cu-769, Site ID 301336093183001.

LOCATION.--Lat 30° 13' 36", long 93° 18' 30", Hydrologic Unit 08080206, Sec. 5, T.10S, R. 9W.

AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).

WELL CHARACTERISTICS.--Depth 642 ft, screened 632-642 ft, casing diameter 2 in.

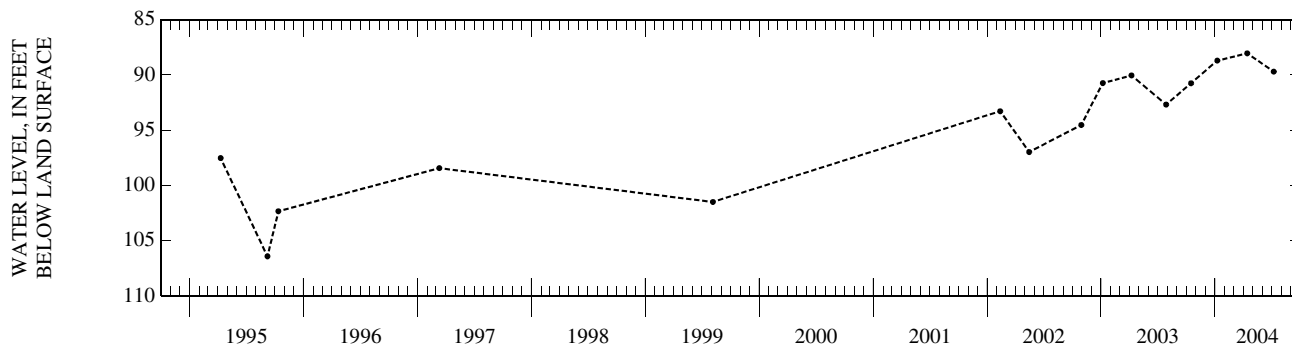
DATUM.--Elevation of land surface datum is 17.62 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1963-79, 1981-83, 1985, 1991, 1995, 1997, 1999, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 88.04 ft below land-surface datum, Apr. 13, 2004; lowest recorded, 146.44 ft below land-surface datum, July 25, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	90.75	JAN 08	88.70	APR 13	88.04	JUL 07	89.70
WATER YEAR 2004 HIGHEST		88.04	APR 13, 2004	LOWEST		90.75	OCT 16, 2003



CALCASIEU PARISH—Continued

LOCAL NUMBER.--Cu-787, Site ID 300353093210201.

LOCATION.--Lat 30° 03'53", long 93° 21'02", Hydrologic Unit 08080206, Sec. 36, T.11S, R.10W.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 734 ft, screened 729-734 ft, casing diameter 4 in.

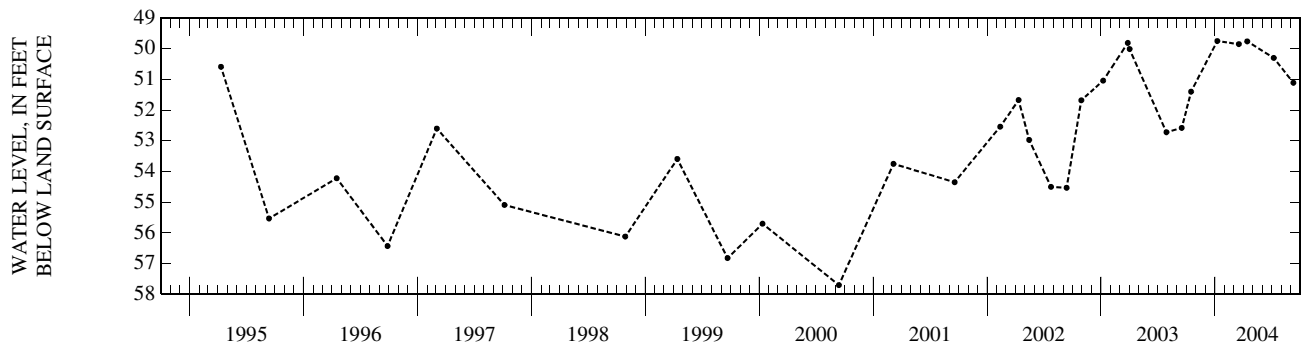
DATUM.--Elevation of land surface datum is 4.33 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1964-79, 1981-83, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.98 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 78.58 ft below land-surface datum, Aug. 2, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	51.40	JAN 08	49.75	MAR 17	49.85	APR 13	49.76	JUL 07	50.30	SEP 08	51.11
WATER YEAR 2004		HIGHEST	49.75	JAN 08, 2004	LOWEST	51.40	OCT 16, 2003				



LOCAL NUMBER.--Cu-843, Site ID 301148093193202.

LOCATION.--Lat 30° 11'48", long 93° 19'32", Hydrologic Unit 08080206, Sec. 18, T.10S, R. 9W.

AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 205 ft, screened 200-205 ft, casing diameter 2 in.

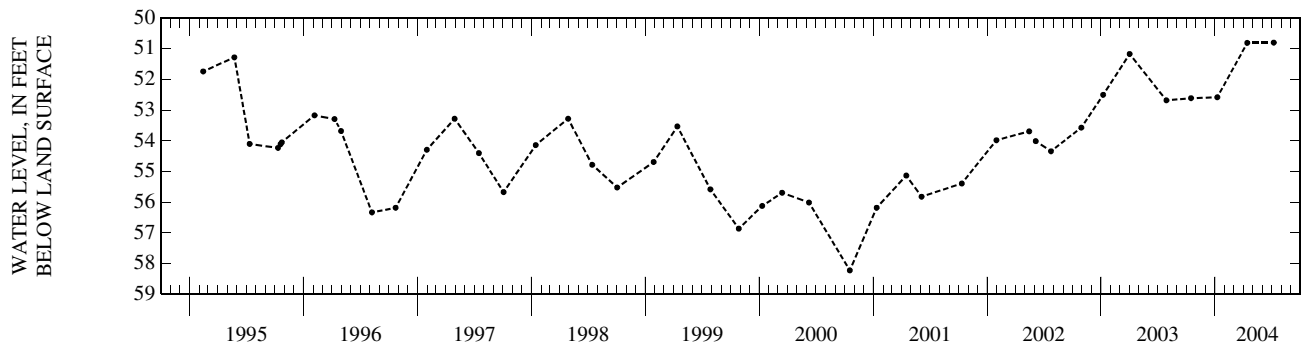
DATUM.--Elevation of land surface datum is 12 ft above NGVD of 1929. Measuring point: Lip of 2-in. casing, 0.87 ft below land-surface datum.

PERIOD OF RECORD.--1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.41 ft. below land-surface datum, Feb. 23, 1993; lowest recorded, 73.05 ft below land-surface datum, Sep. 10, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	52.61	JAN 08	52.58	APR 13	50.81	JUL 07	50.80
WATER YEAR 2004		HIGHEST	50.80	JUL 07, 2004	LOWEST	52.61	OCT 16, 2003



CALCASIEU PARISH—Continued

LOCAL NUMBER.--Cu-851, Site ID 301213093191701.

LOCATION.--Lat 30° 12'13", long 93° 19'17", Hydrologic Unit 08080206, Sec. 7, T.10S, R. 9W.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 555 ft, screened 550-555 ft, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Opening in gage house floor marked with black arrow, 1.24 ft above land-surface datum.

GAGE.--Water-stage recorder.

REMARKS.--Satellite telemetry at site. No stage recorded for period, Feb. 9, 2004 to Feb 13, 2004 due to recorder malfunction.

PERIOD OF RECORD.--1973-1983, 1990-1991, 1995 to current year.

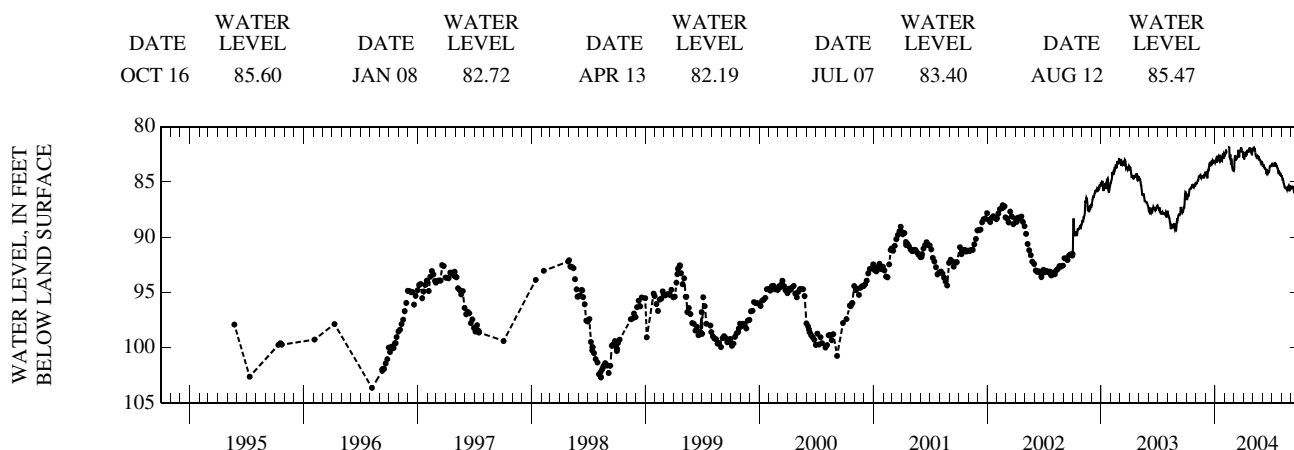
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.86 ft. below land-surface datum, Mar. 24, 2004; lowest recorded, 145.67 ft below land-surface datum, July 25, 1974.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 81.69 ft below land surface datum, Feb. 15:lowest recorded 86.91 ft below land surface datum, Sept. 30.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86.08	85.14	84.23	83.27	82.36	84.01	82.83	82.04	83.38	83.39	84.47	85.56
2	86.54	85.16	84.17	83.16	82.37	83.91	82.61	82.02	83.52	83.33	84.47	85.56
3	86.63	85.09	84.12	83.02	82.48	82.98	82.95	81.91	83.51	83.33	84.64	85.51
4	86.52	85.09	84.08	82.92	82.39	82.75	82.82	81.90	83.43	83.42	84.76	85.42
5	86.40	84.98	84.09	83.06	82.08	82.60	82.72	82.11	83.59	83.51	84.76	85.41
6	86.27	84.89	84.35	83.17	82.24	82.67	82.53	81.96	83.57	83.48	84.82	85.42
7	86.12	84.89	84.67	83.16	82.32	82.86	82.27	82.00	83.67	83.33	84.99	85.48
8	86.30	84.83	84.28	82.83	82.31	82.97	82.35	82.16	83.76	83.42	85.14	85.56
9	86.15	84.58	84.01	82.64	---	82.98	82.54	82.34	83.75	83.63	85.21	85.78
10	85.87	84.43	83.91	82.81	---	82.94	82.59	82.55	83.81	83.38	85.38	85.83
11	85.67	84.51	83.98	82.76	---	82.84	82.50	82.72	83.85	83.20	85.50	85.95
12	85.62	84.52	83.93	82.70	---	82.80	82.18	82.63	83.99	83.35	85.51	85.98
13	85.57	84.43	83.42	82.89	---	82.75	82.17	82.74	84.24	83.45	85.53	85.84
14	85.55	84.43	83.34	83.05	81.87	82.54	82.25	82.70	84.28	83.51	85.56	85.82
15	85.58	84.39	83.28	83.11	81.80	82.21	82.18	82.66	84.16	83.55	85.58	85.77
16	85.59	84.55	83.29	82.91	82.72	82.10	82.10	82.79	84.04	83.49	85.50	85.97
17	85.52	84.61	83.58	82.68	82.78	82.29	82.32	82.83	84.01	83.56	85.51	86.17
18	85.38	84.41	83.41	82.65	82.62	82.76	82.20	82.78	84.10	83.64	85.63	86.38
19	85.29	84.61	83.36	82.77	82.50	82.35	82.16	82.70	84.18	83.80	85.72	86.55
20	85.29	84.59	83.25	83.02	82.88	82.25	81.98	82.72	84.11	83.81	85.61	86.50
21	85.26	84.43	83.06	82.97	83.42	82.21	81.89	82.85	84.11	84.02	85.52	86.51
22	85.30	84.51	83.15	83.03	82.87	82.27	82.12	83.07	84.07	83.98	85.44	86.61
23	85.37	84.53	83.10	83.07	83.17	82.04	81.98	82.99	83.90	84.05	85.40	86.66
24	85.49	84.59	83.31	82.88	83.54	81.86	82.19	83.00	83.64	84.22	85.35	86.57
25	85.52	84.60	83.26	82.52	83.64	81.98	82.14	83.08	83.56	84.27	85.47	86.52
26	85.41	84.53	83.17	82.41	83.90	82.04	81.93	83.24	83.54	84.25	85.84	86.61
27	85.38	84.37	83.17	82.68	83.92	82.17	82.12	83.32	83.54	84.21	85.46	86.64
28	85.36	84.31	83.12	82.89	83.96	82.30	82.58	83.27	83.57	84.30	85.40	86.60
29	85.22	84.42	83.16	82.66	83.97	82.30	82.25	83.26	83.57	84.35	85.40	86.49
30	85.25	84.34	83.17	82.46	---	82.30	82.20	83.19	83.50	84.32	85.45	86.60
31	85.12	---	83.16	82.52	---	82.57	---	83.20	---	84.40	85.59	---
MAX	86.63	85.16	84.67	83.27	---	84.01	82.95	83.32	84.28	84.40	85.84	86.66
MIN	85.12	84.31	83.06	82.41	---	81.86	81.89	81.90	83.38	83.20	84.47	85.41

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004



CALCASIEU PARISH—Continued

LOCAL NUMBER.--Cu-958, Site ID 301944093170401.

LOCATION.--Lat 30° 19'44", long 93° 22'04", Hydrologic Unit 08080205, Sec.35, T. 8S, R.10W.

AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).

WELL CHARACTERISTICS.--Depth 707 ft, screened 702-707 ft, casing diameter 2 in.

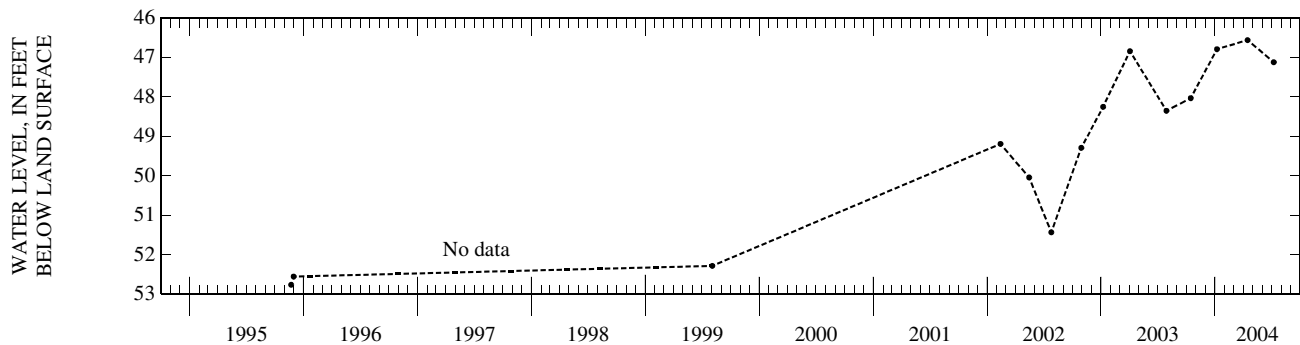
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981-83, 1985, 1995, 1999, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.56 ft below land-surface datum Apr. 14, 2004; lowest recorded, 73.68 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	48.03	JAN 07	46.79	APR 14	46.56	JUL 07	47.12
WATER YEAR 2004		HIGHEST	46.56	APR 14, 2004	LOWEST	48.03	OCT 15, 2003



LOCAL NUMBER.--Cu-959, Site ID 301031093204901.

LOCATION.--Lat 30° 10'31", long 93° 20'49", Hydrologic Unit 08080206, Sec. 24, T.10S, R.10W.

AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).

WELL CHARACTERISTICS.--Depth 733 ft, screened 727-733 ft, casing diameter 2 in.

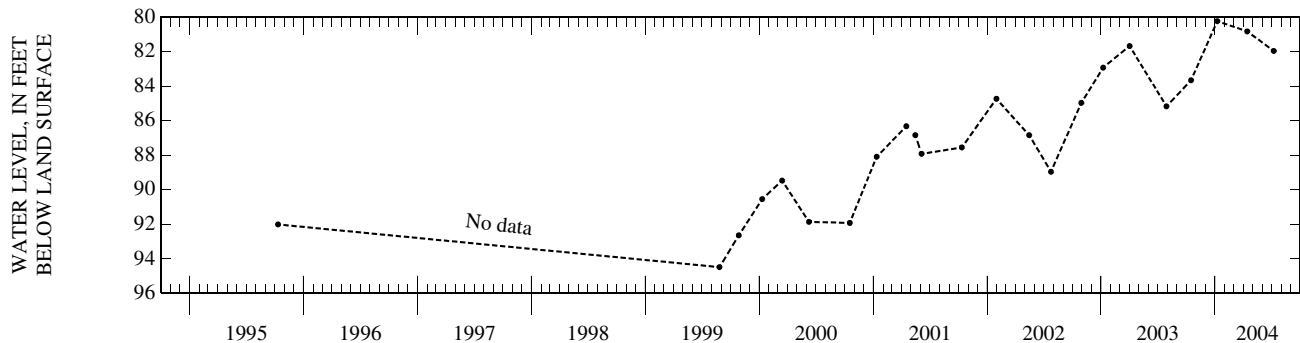
DATUM.--Elevation of land surface datum is 21 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--1974-85, 1991, 1995, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.24 ft below land-surface datum, Jan. 8, 2004; lowest recorded, 128.70 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	83.66	JAN 08	80.24	APR 13	80.83	JUL 07	81.96
WATER YEAR 2004		HIGHEST	80.24	JAN 08, 2004	LOWEST	83.66	OCT 16, 2003



CALCASIEU PARISH—Continued

LOCAL NUMBER.--Cu-977, Site ID 301944093170402.

LOCATION.--Lat 30° 19'44", long 93° 22'04", Hydrologic Unit 08080205, Sec.35, T. 8S, R.10W.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 515 ft, screened 510-515 ft, casing diameter 2 in.

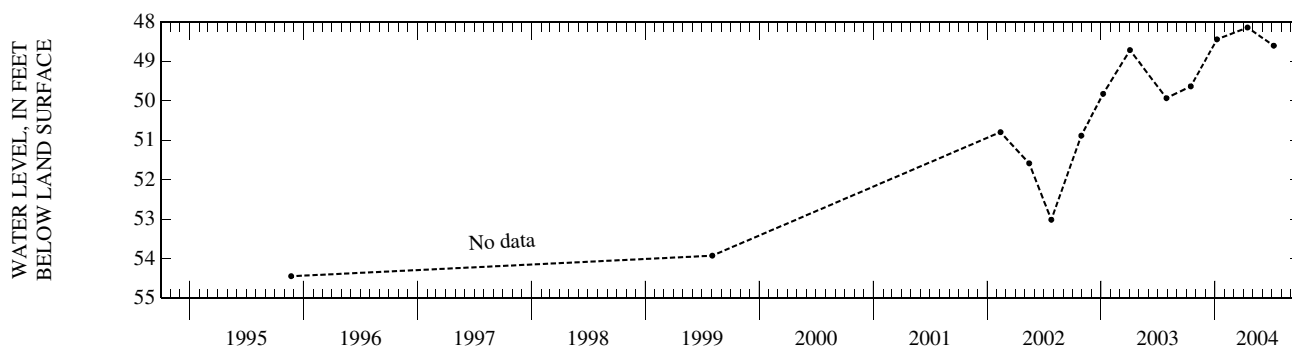
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.45 ft above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981-83, 1985, 1995, 1999, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.14 ft below land-surface datum, Apr. 14, 2004; lowest recorded, 71.87 ft below land-surface datum, Aug. 19, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	49.63	JAN 07	48.44	APR 14	48.14	JUL 07	48.60
WATER YEAR 2004		HIGHEST	48.14	APR 14, 2004	LOWEST	49.63	OCT 15, 2003



LOCAL NUMBER.--Cu-988, Site ID 301059093125101.

LOCATION.--Lat 30° 10'59", long 93° 12'51", Hydrologic Unit 08080206, Sec. 19, T.10S, R. 8W.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 523 ft, screened 518-523 ft, casing diameter 2 in.

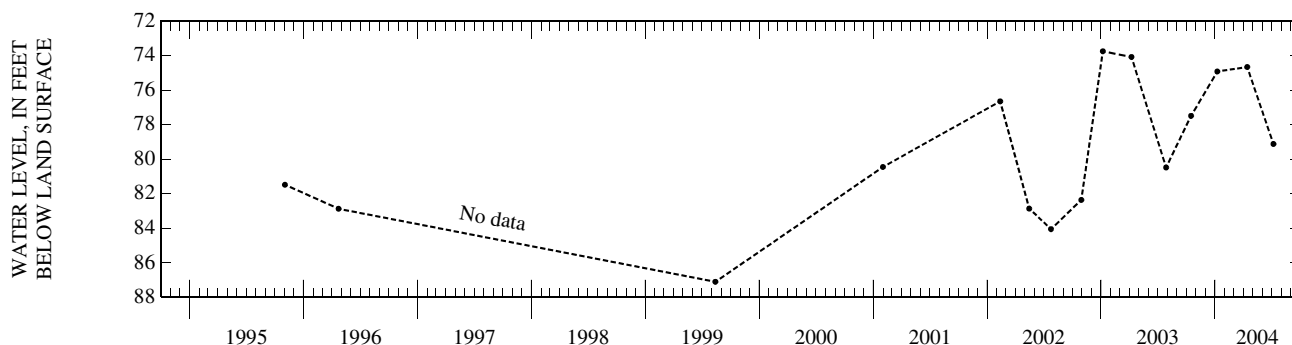
DATUM.--Elevation of land surface datum is 14 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.1 ft above land-surface datum.

PERIOD OF RECORD.--1976-83, 1985, 1991, 1995-96, 1999, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.75 ft below land-surface datum, Jan. 6, 2003; lowest recorded, 113.62 ft below land-surface datum, July 19, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	77.49	JAN 08	74.92	APR 13	74.66	JUL 06	79.12
WATER YEAR 2004		HIGHEST	74.66	APR 13, 2004	LOWEST	79.12	JUL 06, 2004



CALDWELL PARISH

LOCAL NUMBER.--Ca-86A, Site ID 320154092164602.

LOCATION.--Lat 32° 01' 54", long 92° 16' 46", Hydrologic Unit 08040302, Sec. 8, T.12N, R. 2E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 288 ft, screened 278-288 ft, casing diameter 2 in.

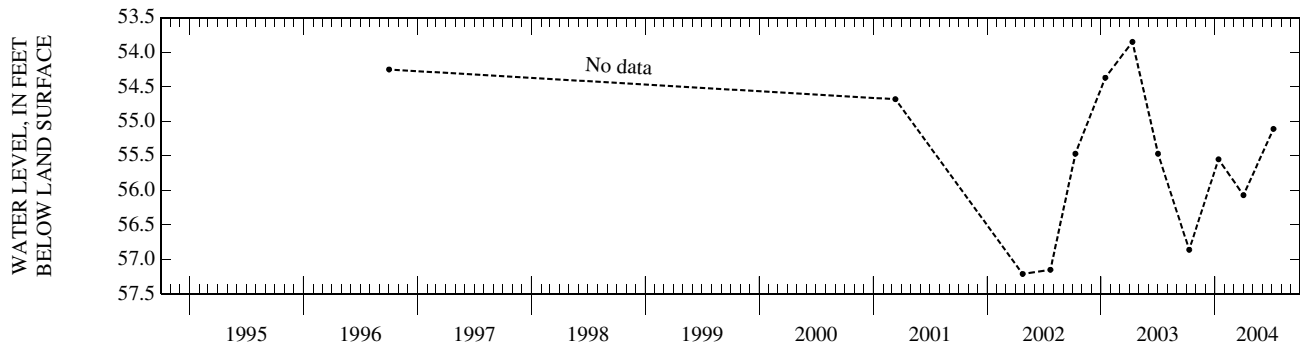
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.83 ft above land-surface datum.

PERIOD OF RECORD.--1974-87, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.45 ft below land-surface datum, Jan. 13, 1976; lowest recorded, 57.21 ft below land-surface datum, Apr. 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	56.86	JAN 12	55.55	APR 01	56.07	JUL 06	55.11
WATER YEAR 2004 HIGHEST		55.11	JUL 06, 2004 LOWEST	56.86	OCT 10, 2003		



LOCAL NUMBER.--Ca-86B, Site ID 320154092164601.

LOCATION.--Lat 32° 01' 54", long 92° 16' 46", Hydrologic Unit 08040302, Sec. 8, T.12N, R. 2E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 545 ft, screened 535-545 ft, casing diameter 2 in.

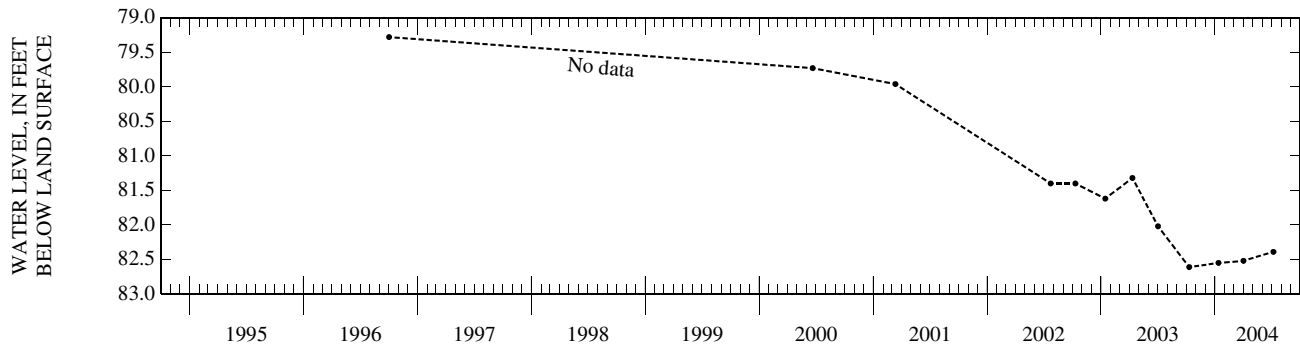
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1974-87, 1989, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 77.30 ft below land-surface datum, Mar. 13, 1979, Aug. 6, 1979; lowest recorded, 85.76 ft below land-surface datum, Dec. 10, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	82.61	JAN 12	82.55	APR 01	82.52	JUL 06	82.39
WATER YEAR 2004 HIGHEST		82.39	JUL 06, 2004 LOWEST	82.61	OCT 10, 2003		



GROUND-WATER LEVELS
CALDWELL PARISH—Continued

LOCAL NUMBER.--Ca-130, Site ID 320555092043501.

LOCATION.--Hydrologic Unit 08040207.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 260 ft, screened 240-260 ft, casing diameter 4 in.

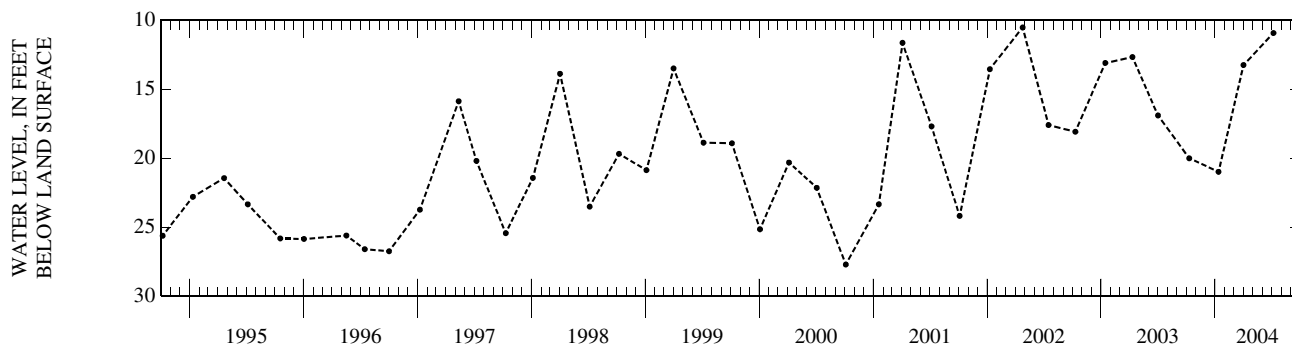
DATUM.--Elevation of land surface datum is 90 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.54 ft below land-surface datum, Apr. 24, 2002; lowest recorded, 27.70 ft below land-surface datum, Oct. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	20.01	JAN 12	20.99	APR 01	13.26	JUL 06	10.94
WATER YEAR 2004		HIGHEST	10.94 JUL 06, 2004	LOWEST	20.99 JAN 12, 2004		



CAMERON PARISH

LOCAL NUMBER.--Cn-81L, Site ID 300125092382504.

LOCATION.--Lat 30° 01' 25", long 92° 38' 25", Hydrologic Unit 08080202, Sec. 11, T. 12S, R. 3W.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 478 ft, screened 468-478 ft, casing diameter 1 in.

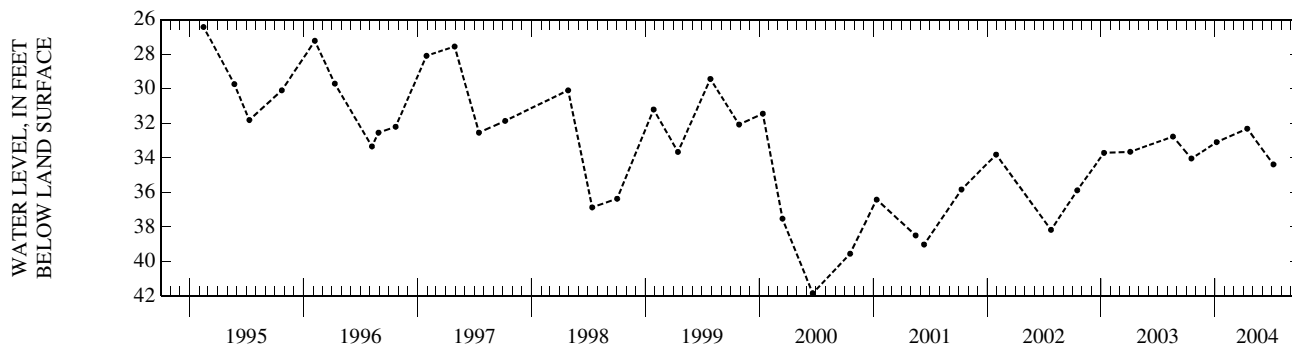
DATUM.--Elevation of land surface datum is 4.45 ft above NGVD of 1929. Measuring point: Top of 2-in. pipe, 3.6 ft above land-surface datum.

PERIOD OF RECORD.--1964-83, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.99 ft below land-surface datum, Mar. 22, 1965; lowest recorded, 41.84 ft below land-surface datum, June 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	34.04	JAN 06	33.09	APR 13	32.31	JUL 06	34.38
WATER YEAR 2004		HIGHEST	32.31 APR 13, 2004	LOWEST	34.38 JUL 06, 2004		



CAMERON PARISH—Continued

LOCAL NUMBER.--Cn-90, Site ID. 295611093044801.

LOCATION.--Lat 29° 56'28", long 93° 04'48", Hydrologic Unit 08080202, Sec. 4, T. 13S, R. 7W.

AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 396 ft, screened 386-396, casing diameter 4 in.

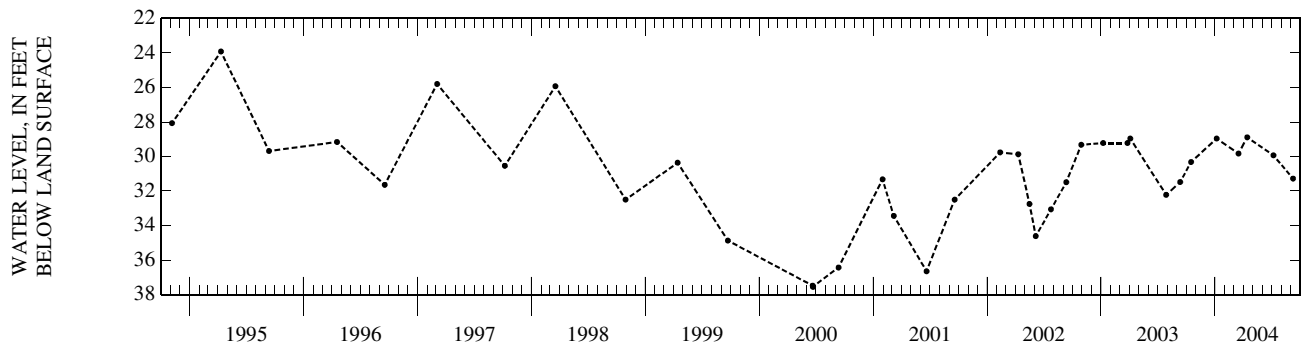
DATUM.--Elevation of land surface datum is 3.19 ft above NGVD of 1929. Measuring point: Top of 2-in. collar after removing 2-in. plug, 4.2 ft above land-surface datum.

PERIOD OF RECORD.--1964, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.40 ft below land-surface datum, Mar. 24, 1964; lowest recorded, 37.61 ft below land-surface datum, Nov. 17, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	30.32	JAN 06	28.96	MAR 16	29.83	APR 13	28.89	JUL 06	29.93	SEP 07	31.28
WATER YEAR 2004		HIGHEST	28.89	APR 13, 2004	LOWEST	31.28	SEP 07, 2004				



LOCAL NUMBER.--Cn-92, Site ID 300104093015601.

LOCATION.--Lat 30° 01'04", long 93° 01'56", Hydrologic Unit 08080202, Sec. 12, T. 12S, R. 7W.

AQUIFER.--"200-foot" sand of Lake Charles area aquifer of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 443 ft, screened 438-443 ft, casing diameter 2 in.

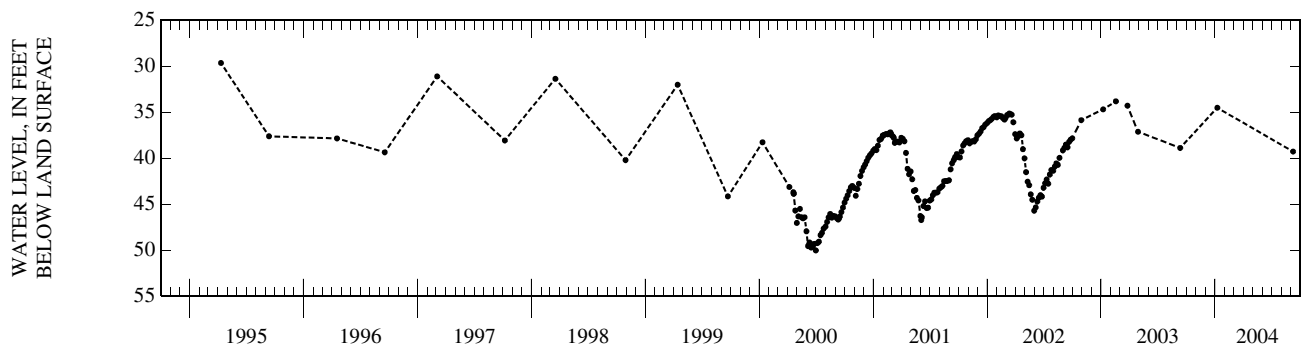
DATUM.--Elevation of land surface datum is 5.50 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1964-85, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.02 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 53.96 ft below land-surface datum, Aug. 14, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 08	34.52	SEP 07	39.28
WATER YEAR 2004		HIGHEST	34.52
		JAN 08, 2004	LOWEST
		39.28	SEP 07, 2004



CATAHOULA PARISH

LOCAL NUMBER.--Ct-347, Site ID 315007091410601.

LOCATION.--Lat 31° 50'07", long 91° 41'06", Hydrologic Unit 08040207, Sec. 42, T.10N, R. 8E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 76 ft, screened 73-76, casing diameter 2 in.

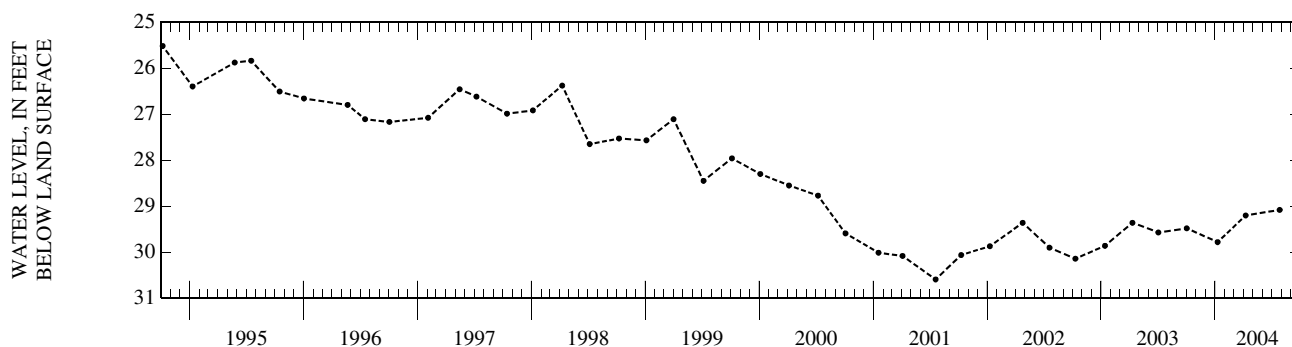
DATUM.--Elevation of land surface datum is 70 ft above NGVD of 1929. Measuring point: Top of bushing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.34 ft below land-surface datum, July 7, 1994; lowest recorded, 30.59 ft below land-surface datum, July 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	29.48	JAN 09	29.78	APR 08	29.20	JUL 26	29.08
WATER YEAR 2004		HIGHEST	29.08 JUL 26, 2004	LOWEST	29.78 JAN 09, 2004		



CLAIBORNE PARISH

LOCAL NUMBER.--CL-58, Site ID 324707093025001.

LOCATION.--Lat 32° 47'07", long 93° 02'50", Hydrologic Unit 08040206, Sec. 25, T.21N, R. 7W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 482 ft, screened 432-482, casing diameter 12.75 in.

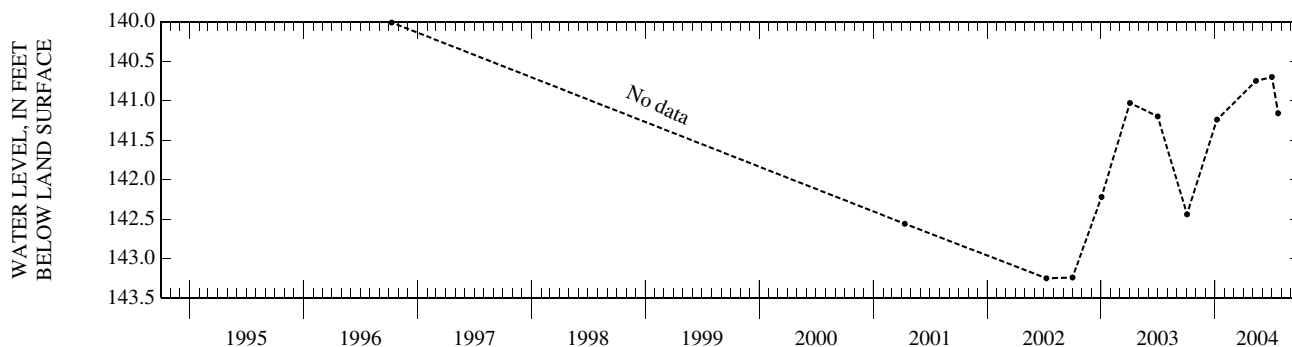
DATUM.--Elevation of land surface datum is 250 ft above NGVD of 1929. Measuring point: Top edge of 1-in. bushing on top of plate cover, 2.80 ft above land-surface datum.

PERIOD OF RECORD.--1955, 1957-87, 1989, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 95.64 ft below land-surface datum, Jan. 8, 1958; lowest recorded, 143.52 ft below land-surface datum, Sep. 22, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	142.44	JAN 07	141.24	MAY 11	140.75	JUL 01	140.70	JUL 21	141.16
WATER YEAR 2004		HIGHEST	140.70 JUL 01, 2004	LOWEST	142.44 OCT 03, 2003				



CLAIBORNE PARISH—Continued

LOCAL NUMBER.--CI-149, Site ID 330002092445901.

LOCATION.--Lat 33° 00'02", long 92° 44'59", Hydrologic Unit 08040206, Sec. 11, T.23N, R. 4W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 736 ft, screened 726-736, casing diameter 2 in.

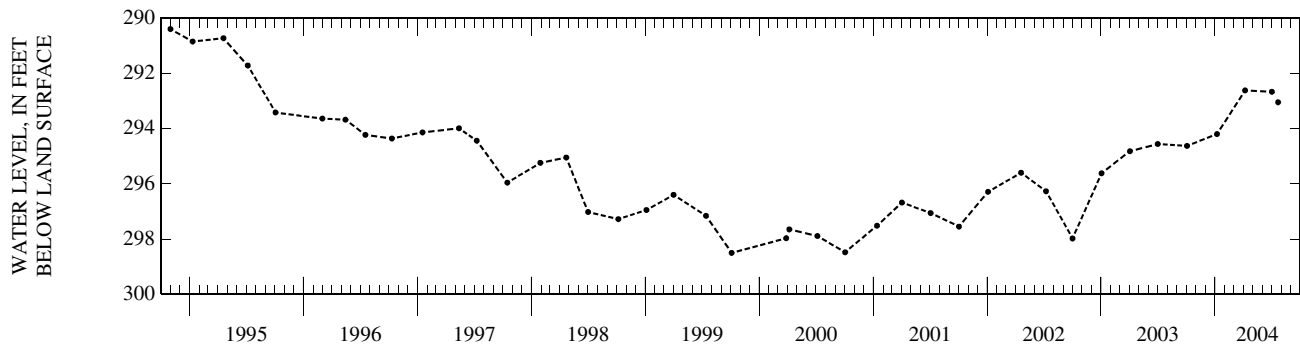
DATUM.--Elevation of land surface datum is 230 ft above NGVD of 1929. Measuring point: Top of bushing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 264.01 ft below land-surface datum, Feb. 21, 1980; lowest recorded, 298.50 ft below land-surface datum, Oct. 4, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	294.63	JAN 07	294.20	APR 06	292.62	JUL 01	292.67	JUL 21	293.05
WATER YEAR 2004		HIGHEST	292.62	APR 06, 2004	LOWEST	294.63	OCT 03, 2003		



CONCORDIA PARISH

LOCAL NUMBER.--Co-215, Site ID 312630091390001.

LOCATION.--Lat 31° 26'30", long 91° 39'00", Hydrologic Unit 08040306, Sec. 3, T. 5N, R. 8E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 121 ft, screened 118-121, casing diameter 2 in.

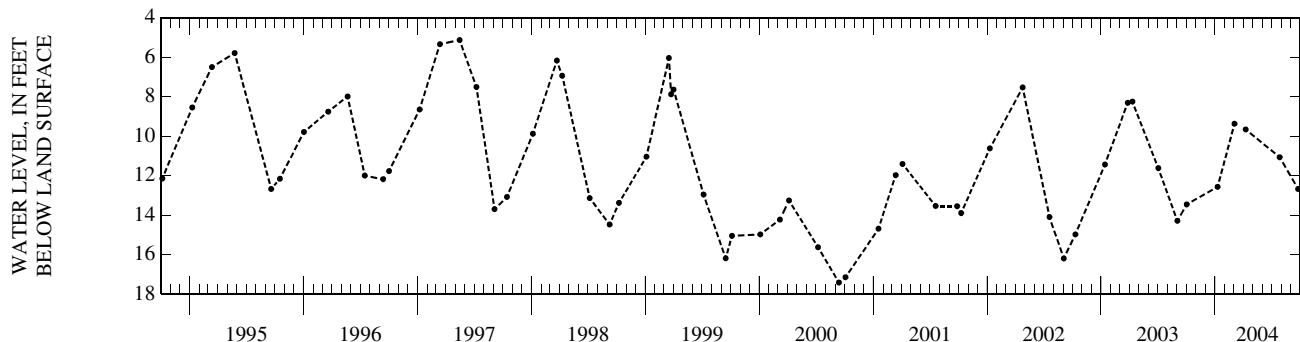
DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: File mark on top of PVC bushing, 2.61 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.13 ft below land-surface datum, May 15, 1997; lowest recorded, 17.42 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	13.81	JAN 09	12.57	MAR 03	9.37	APR 08	9.66	JUL 26	11.42	SEP 23	12.68
WATER YEAR 2004		HIGHEST	9.37	MAR 03, 2004	LOWEST	13.46	OCT 02, 2003				



DE SOTO PARISH

LOCAL NUMBER.--DS-329, Site ID 321813093470501.

LOCATION.--Hydrologic Unit 11140206.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 258 ft, screened 236-258, casing diameter 8 to 4 in.

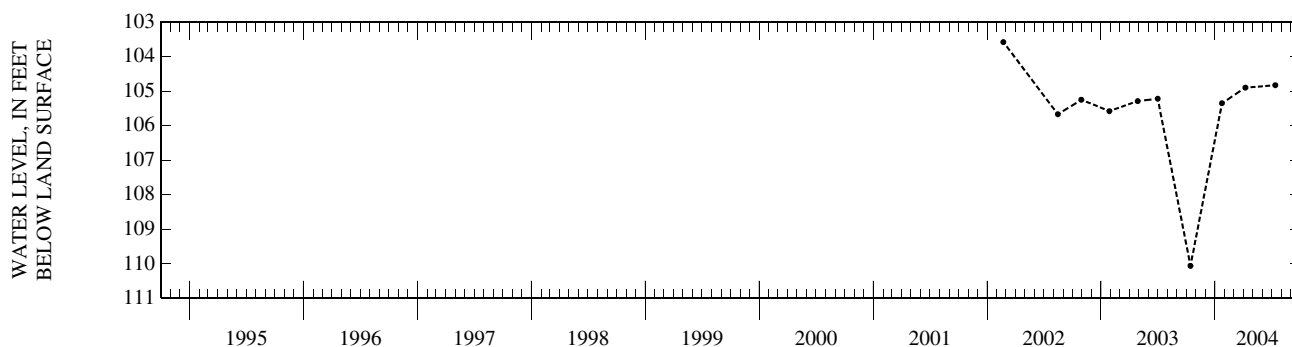
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: Top of breather pipe, 1.2 ft above land-surface datum.

PERIOD OF RECORD.-- 1959 and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.0 ft below land-surface datum (reported), Oct. 16, 1959; lowest recorded, 110.06 ft below land-surface datum, Oct. 14, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	110.06	JAN 23	105.35	APR 07	104.90	JUL 12	104.83
WATER YEAR 2004 HIGHEST 104.83 JUL 12, 2004		LOWEST 110.06 OCT 14, 2003					



LOCAL NUMBER.--DS-445, Site ID 315521093343801.

LOCATION.--Lat 31° 55' 21", long 93° 34' 38", Hydrologic Unit 12010004, Sec. 22, T. 11N, R. 12W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 140 ft, screened 130-140, casing diameter 2 in.

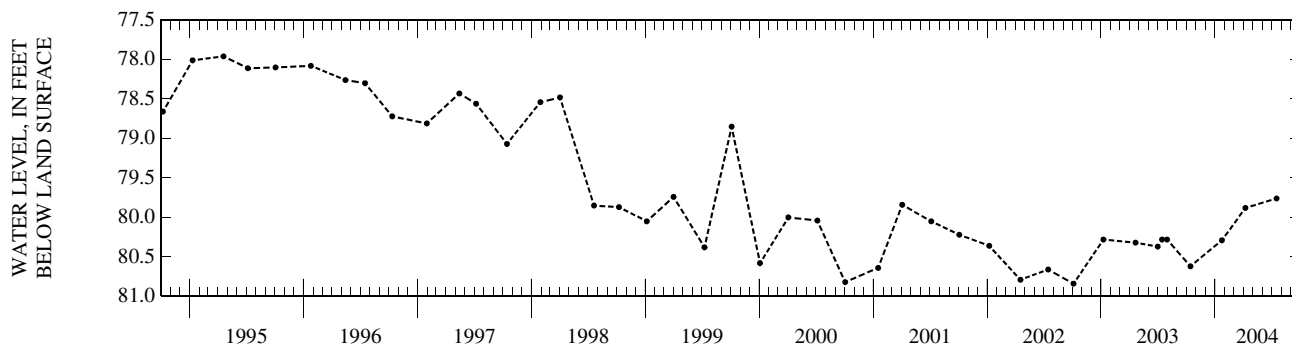
DATUM.--Elevation of land surface datum is 305 ft above NGVD of 1929. Measuring point: Top of casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1977-1987, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 77.54 ft below land-surface datum, Oct. 5, 1993; lowest recorded, 84.18 ft below land-surface datum, Dec. 10, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	80.62	JAN 23	80.29	APR 07	79.88	JUL 16	79.76
WATER YEAR 2004 HIGHEST 79.76 JUL 16, 2004		LOWEST 80.62 OCT 14, 2003					



DE SOTO PARISH—Continued

LOCAL NUMBER.--DS-517, Site ID 320153093583601.

LOCATION.--Lat 32° 01' 53", long 93° 58' 36", Hydrologic Unit 12010004, Sec. 14, T. 12N, R. 16W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 131 ft, screened 129-131, casing diameter 2 in.

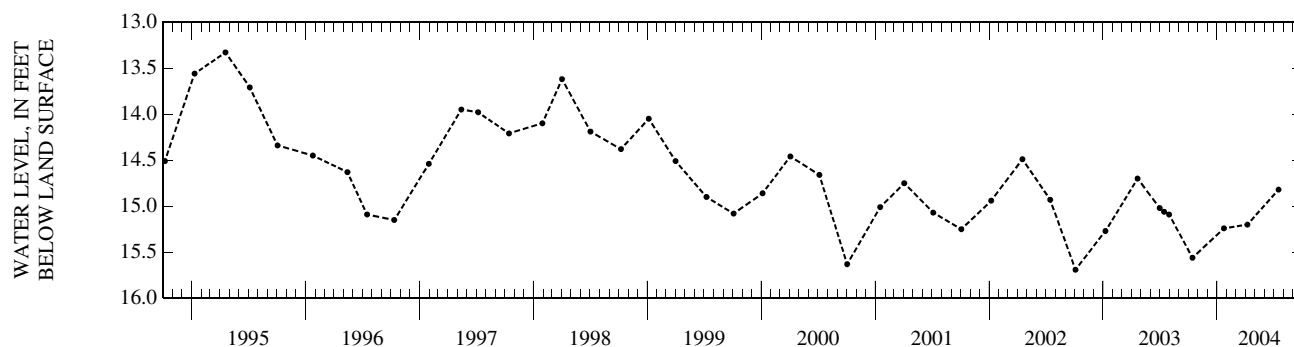
DATUM.--Elevation of land surface datum is 225 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.

PERIOD OF RECORD.--1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.33 ft below land-surface datum, Apr. 19, 1995; lowest recorded, 17.64 ft below land-surface datum, Sep. 24, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	15.56	JAN 23	15.24	APR 07	15.20	JUL 16	14.82
WATER YEAR 2004		HIGHEST	14.82 JUL 16, 2004	LOWEST	15.56	OCT 14, 2003	



EAST BATON ROUGE PARISH

LOCAL NUMBER.--EB-90, Site ID 302745091092401.

LOCATION.--Lat 30° 27' 45", long 91° 09' 24", Hydrologic Unit 08070202, Sec. 77, T. 7S, R. 1E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,120 ft, screened 2,025-2,120, casing diameter 8 to 6 to 4 in.

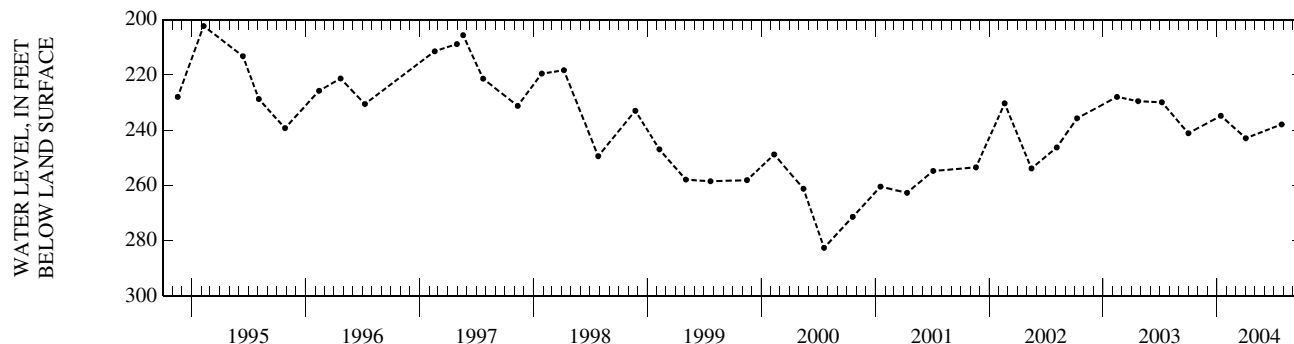
DATUM.--Elevation of land surface datum is 59.05 ft above NGVD of 1929. Measuring point: Top edge of 10-in. collar, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1943-45, 1947-55, 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.70 ft above land-surface datum, Feb. 23, 1943; lowest recorded, 292.54 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	241.09	JAN 13	234.79	APR 02	242.90	JUL 26	237.90
WATER YEAR 2004		HIGHEST	234.79 JAN 13, 2004	LOWEST	242.90	APR 02, 2004	



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-128, Site ID 302648091102301.

LOCATION.--Lat 30° 26'48", long 91° 10'23", Hydrologic Unit 08070201, Sec. 74, T. 7S, R. 1W.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 970 ft, screened 840-883 and 916-970 ft, casing diameter 6 to 4 in.

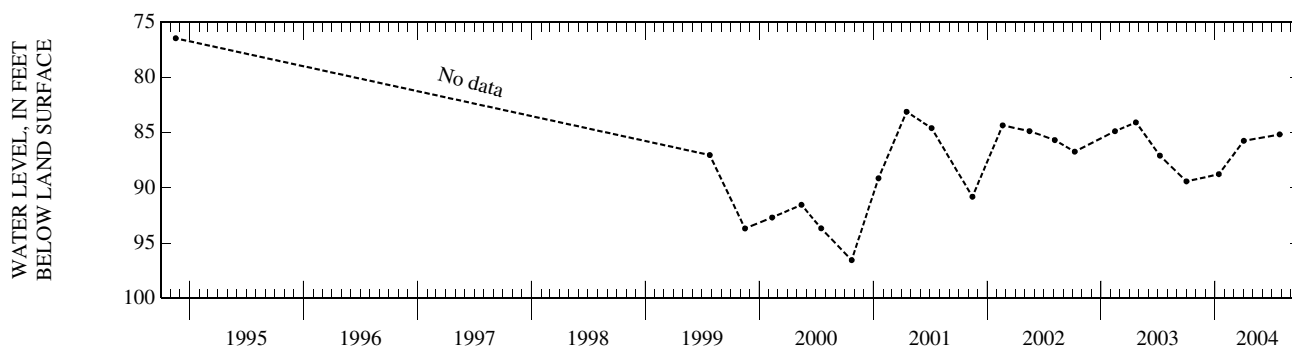
DATUM.--Elevation of land surface datum is 57.02 ft above NGVD of 1929. Measuring point: Top inside edge of 6-in. casing, at land-surface datum.

PERIOD OF RECORD.--1940-94, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.40 ft below land-surface datum, July 12, 1989; lowest recorded, 128.42 ft below land-surface datum, Sept. 9, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	89.42	JAN 13	88.77	APR 02	85.75	JUL 26	85.17
WATER YEAR 2004		HIGHEST	85.17 JUL 26, 2004	LOWEST	89.42	OCT 01, 2003	



LOCAL NUMBER.--EB-146, Site ID 302653091095701.

LOCATION.--Lat 30° 26'53", long 91° 09'57", Hydrologic Unit 08070201, Sec. 73, T. 7S, R. 1W.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,259 ft, screened 1,199-1,259 ft, casing diameter 6 to 4 in.

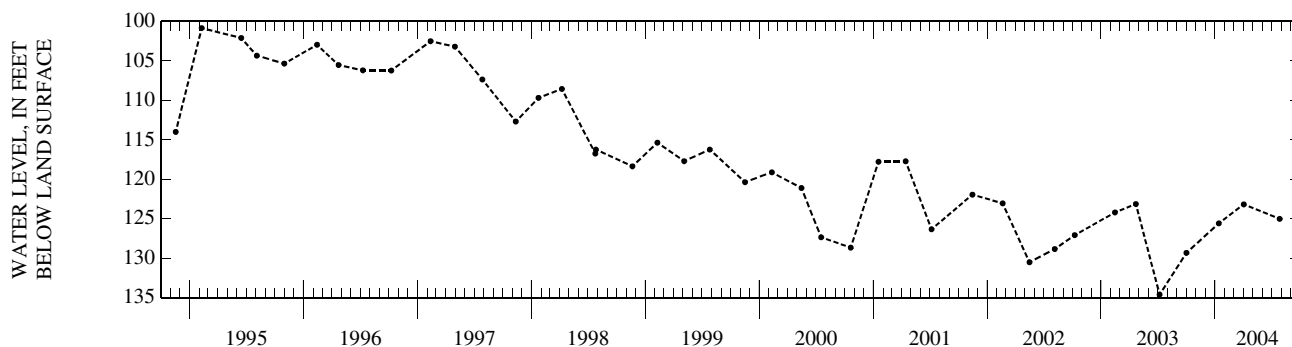
DATUM.--Elevation of land surface datum is 52 ft above NGVD of 1929. Measuring point: 3/8 in. hole in plate atop 6-in. casing, 0.45 ft above land-surface datum.

PERIOD OF RECORD.--1916, 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.00 ft above land-surface datum (reported), Mar. 25, 1916; lowest recorded, 134.61 ft below land-surface datum, July 7, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	129.33	JAN 13	125.59	APR 02	123.18	JUL 26	125.02
WATER YEAR 2004		HIGHEST	123.18 APR 02, 2004	LOWEST	129.33	OCT 01, 2003	



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-155, Site ID 302930091101501.

LOCATION.--Lat 30° 29' 30", long 91° 10' 15", Hydrologic Unit 08070202, Sec. 43, T. 6S, R. 1W.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 412 ft, screened 311-412, casing diameter 18 to 12 in.

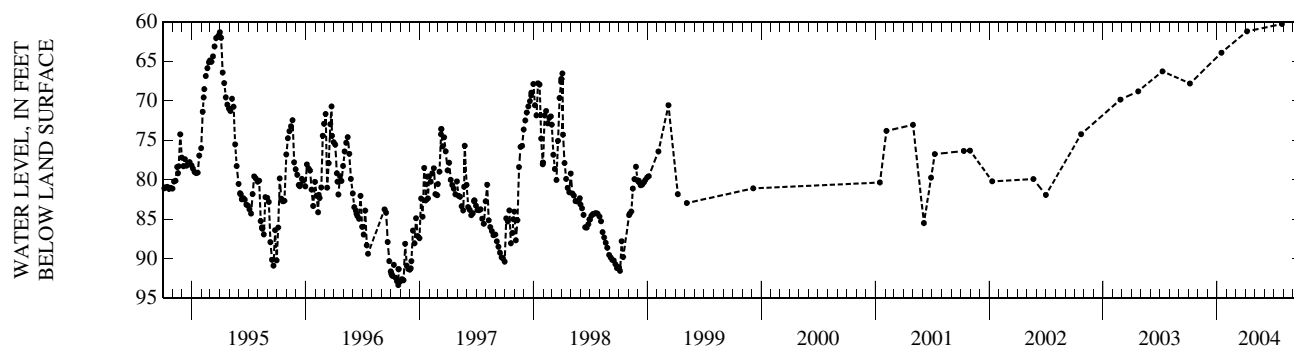
DATUM.--Elevation of land surface datum is 60.14 ft above NGVD of 1929. Measuring point: Top inside edge of casing, 0.85 ft above land-surface datum.

PERIOD OF RECORD.--1963-99, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 57.81 ft below land-surface datum, Mar. 25, 1990, May 10, 1991, May 15, 1991, May 30, 1991; lowest recorded, 185.30 ft below land-surface datum, Oct. 15, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	67.79	JAN 15	63.89	APR 06	61.17	JUL 27	60.25
WATER YEAR 2004		HIGHEST	60.25 JUL 27, 2004	LOWEST	67.79	OCT 06, 2003	



LOCAL NUMBER.--EB-168, Site ID 303001091093801.

LOCATION.--Lat 30° 30' 01", long 91° 09' 38", Hydrologic Unit 08070201, Sec. 38, T. 6S, R. 1W.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,496 ft, screened 1,416-1,496, casing diameter 8 to 6 in.

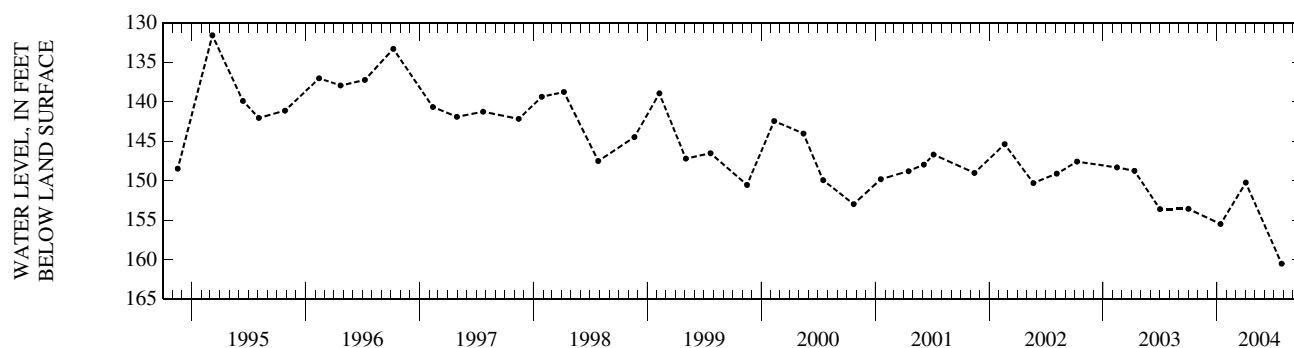
DATUM.--Elevation of land surface datum is 56 ft above NGVD of 1929. Measuring point: collar on plate atop casing, 1.95 ft above land-surface datum.

PERIOD OF RECORD.--1943, 1948, 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.00 ft above land-surface datum (reported), March 1, 1943; lowest recorded, 160.49 ft below land-surface datum, July 26, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	153.54	JAN 12	155.46	APR 02	150.21	JUL 26	160.49
WATER YEAR 2004		HIGHEST	150.21 APR 02, 2004	LOWEST	160.49	JUL 26, 2004	



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-297, Site ID 303026091113001.

LOCATION.--Lat 30° 30' 26", long 91° 11' 30", Hydrologic Unit 08070201, Sec. 37, T. 6S, R. 1W.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,940 ft, screened 1,890-1,940, casing diameter 2 in.

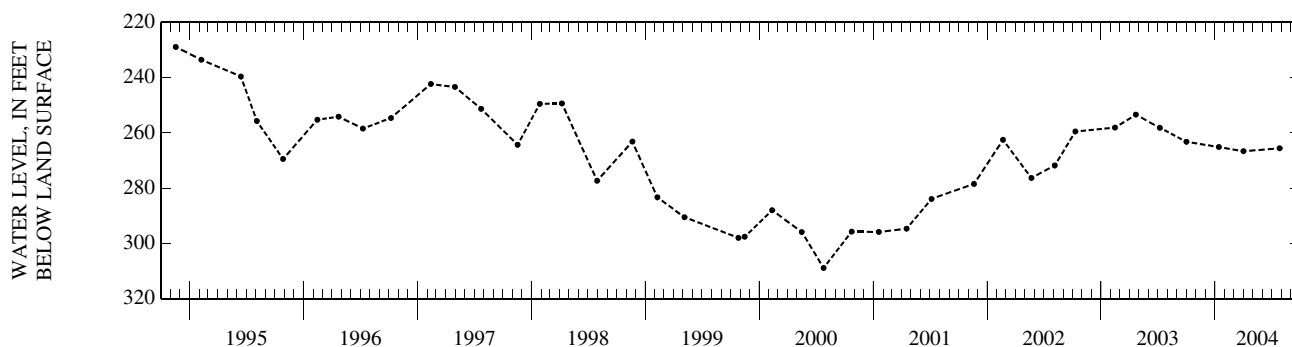
DATUM.--Elevation of land surface datum is 61 ft above NGVD of 1929. Measuring point: Top of 4-in. nipple, down 2-in. pipe, 2.2 ft above land-surface datum.

PERIOD OF RECORD.--1937, 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.00 ft above land-surface datum (reported), 1937; lowest recorded, 336.23 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	263.22	JAN 13	265.11	APR 01	266.63	JUL 26	265.58
WATER YEAR 2004 HIGHEST 263.22		OCT 01, 2003		LOWEST 266.63		APR 01, 2004	



LOCAL NUMBER.--EB-304, Site ID 303440090592702.

LOCATION.--Lat 30° 34' 40", long 90° 59' 27", Hydrologic Unit 08070202, Sec. 49, T. 5S, R. 2E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,725 ft, screened 1,685-1,725, casing diameter 6 in.

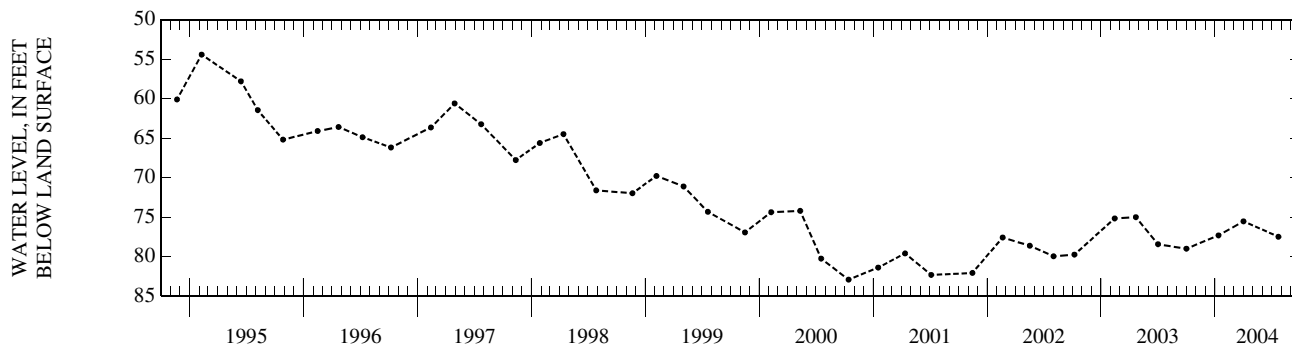
DATUM.--Elevation of land surface datum is 67 ft above NGVD of 1929. Measuring point: Top of 2-in. coupling welded on top of casing, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1941, 1943-46, 1949-51, 1954-70, 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.00 ft above land-surface datum (reported), Dec. 19, 1941; lowest recorded, 82.93 ft below land-surface datum, Oct. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	79.01	JAN 12	77.32	APR 01	75.54	JUL 22	77.50
WATER YEAR 2004 HIGHEST 75.54		APR 01, 2004		LOWEST 79.01		OCT 01, 2003	



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-322, Site ID 303441091074201.

LOCATION.--Lat 30° 34'41", long 91° 07'42", Hydrologic Unit 08070202, Sec. 29, T. 5S, R. 1E.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 1,971 ft, screened 1,931-1,971, casing diameter 2 1/2 in.

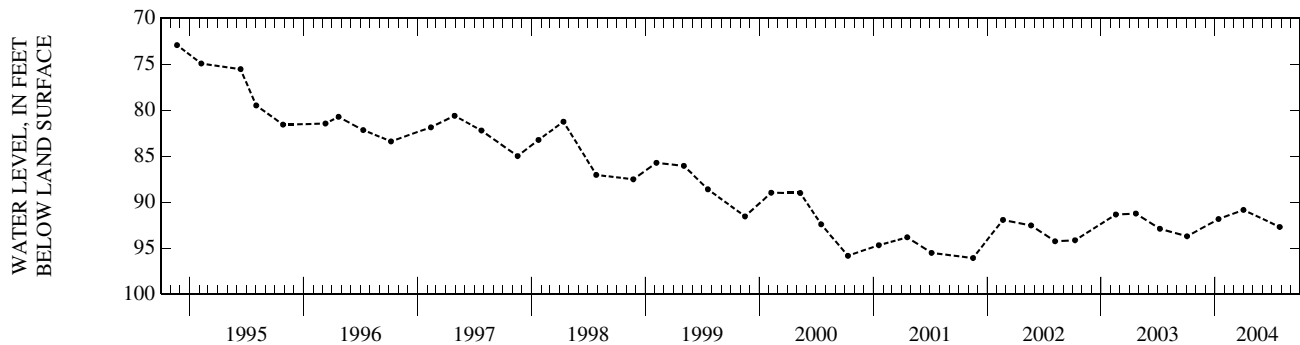
DATUM.--Elevation of land surface datum is 68 ft above NGVD of 1929. Measuring point: Top edge of 2 1/2 in. casing, 0.25 ft above land-surface datum.

PERIOD OF RECORD.--1942-51, 1959, 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.00 ft above land-surface datum (reported), Dec. 6, 1942; lowest recorded, 96.06 ft below land-surface datum, Nov. 16, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	93.70	JAN 12	91.83	APR 01	90.84	JUL 26	92.69
WATER YEAR 2004		HIGHEST	90.84	APR 01, 2004	LOWEST	93.70	OCT 03, 2003



LOCAL NUMBER.--EB-327, Site ID 302820091072401.

LOCATION.--Lat 30° 28'20", long 91° 07'24", Hydrologic Unit 08070202, Sec. 73, T. 7S, R. 1E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,236 ft, screened 1,186-1,236, casing diameter 2 in.

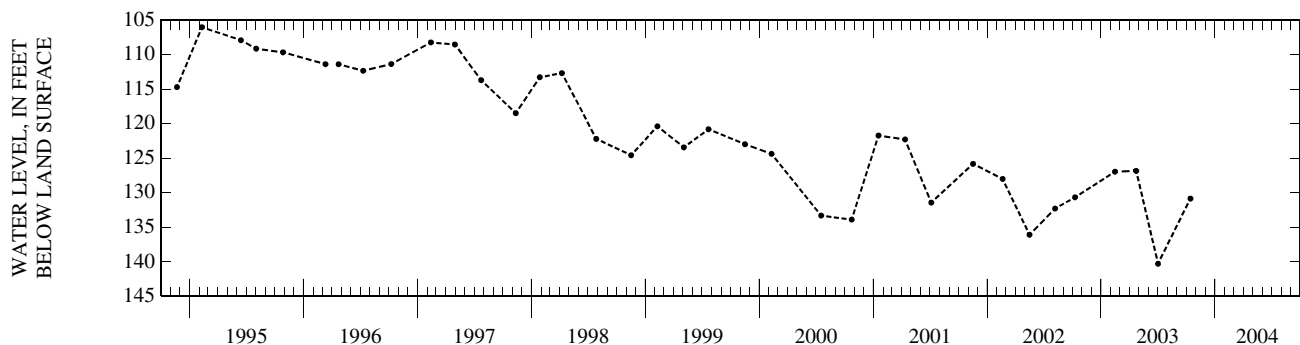
DATUM.--Elevation of land surface datum is 55 ft above NGVD of 1929. Measuring point: Top of 2-in. casing extension, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--1972-88, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.10 ft below land-surface datum, Feb. 7, 1974; lowest recorded, 140.28 ft below land-surface datum, July 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL
OCT 14	130.85



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-367, Site ID 30293009111301.

LOCATION.--Lat 30° 29' 30", long 91° 11' 13", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

OWNER.--Gulf States Utilities Co.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,061 ft, screened 1,961-2,061, casing diameter 12 to 8 in.

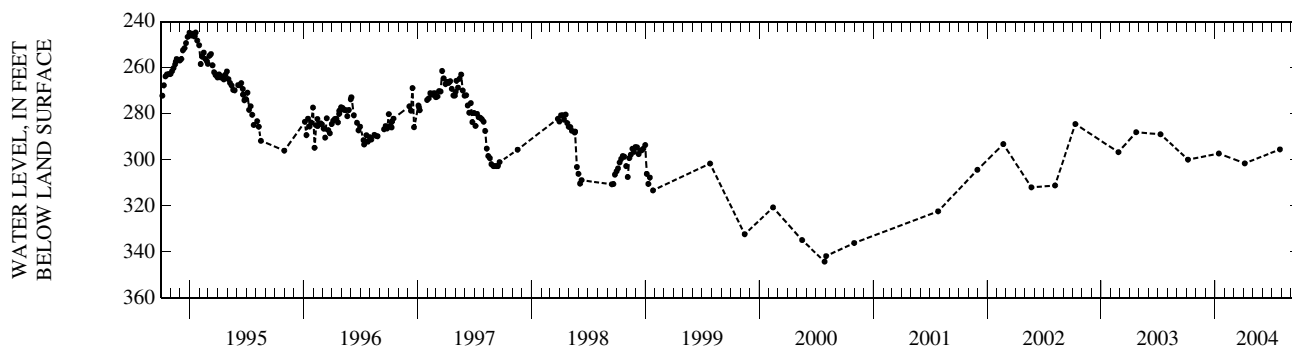
DATUM.--Elevation of land surface datum is 64.4 ft above NGVD of 1929. Measuring point: Top edge of 12-in. casing, at land-surface datum.

PERIOD OF RECORD.--1942, 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.00 ft below land-surface datum (reported), June 16, 1942; lowest recorded, 372.20 ft below land-surface datum, Aug. 17, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	299.92	JAN 13	297.26	APR 05	301.54	JUL 27	295.47
WATER YEAR 2004		HIGHEST	295.47	JUL 27, 2004	LOWEST	301.54	APR 05, 2004



LOCAL NUMBER.--EB-392, Site ID 302844091033601.

LOCATION.--Hydrologic Unit 08070201.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,464 ft, screened 1,389-1,464, casing diameter 8 to 6 in.

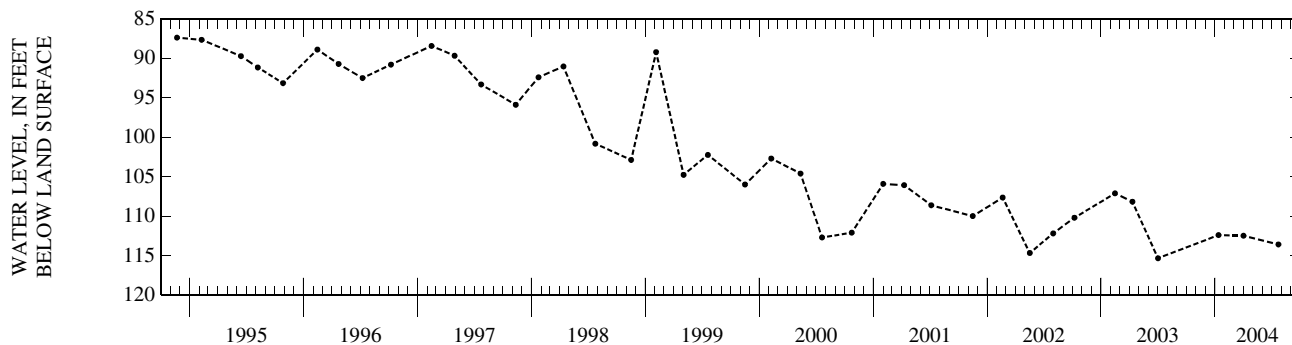
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Lower edge of collar on north side of well casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1942, 1973, 1977-78, 1981, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.75 ft above land-surface datum (reported), Sep. 6, 1942; lowest recorded, 115.31 ft below land-surface datum, July 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 12	112.37	APR 01	112.45	JUL 22	113.55
WATER YEAR 2004		HIGHEST 112.37	JAN 12, 2004	LOWEST 113.55	JUL 22, 2004



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-468, Site ID 303408091075001.

LOCATION.--Lat 30° 34'08", long 91° 07'50", Hydrologic Unit 08070202, Sec. 53, T. 5S, R. 1E.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,407 ft, screened 2,319-2,407, casing diameter 4 in.

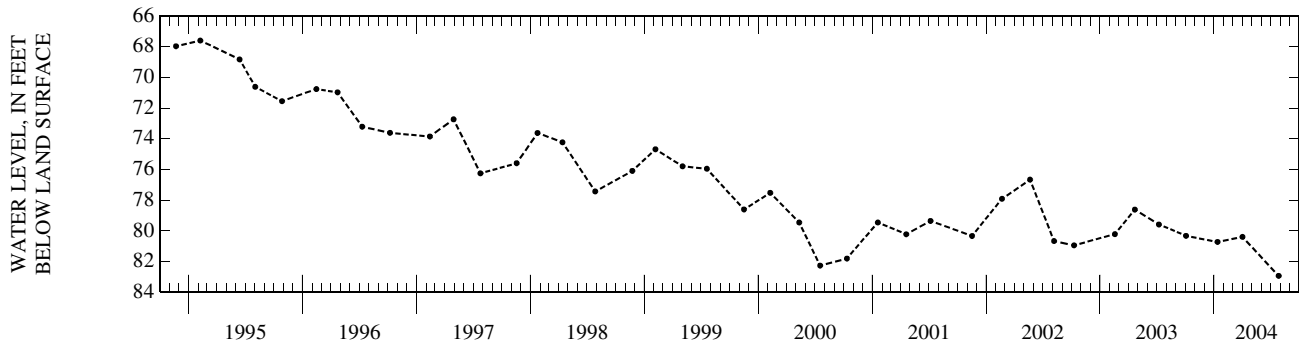
DATUM.--Elevation of land surface datum is 73 ft above NGVD of 1929. Measuring point: 3/4-in. hole in sanitary seal, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--1948-51, 1953-67, 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 71.60 ft above land-surface datum, Feb. 27, 1948; lowest recorded, 82.93 ft below land-surface datum, July 26, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	80.32	JAN 12	80.72	APR 01	80.39	JUL 26	82.93
WATER YEAR 2004 HIGHEST 80.32 OCT 03, 2003		LOWEST 82.93 JUL 26, 2004					



LOCAL NUMBER.--EB-581, Site ID 303440090592703.

LOCATION.--Lat 30° 34'40", long 90° 59'27", Hydrologic Unit 08070202, Sec. 49, T. 5S, R. 2E.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,590 ft, screened 2,540-2,590, casing diameter 8 to 6 in.

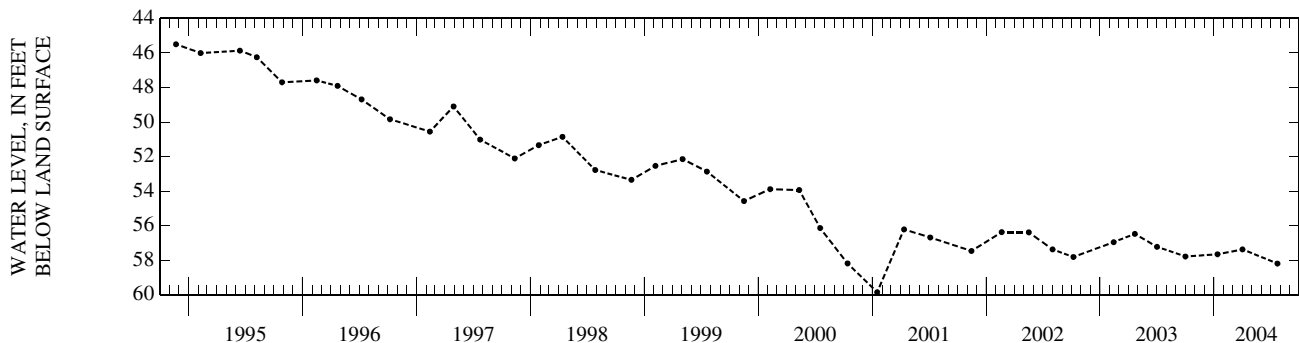
DATUM.--Elevation of land surface datum is 67 ft above NGVD of 1929. Measuring point: Top of 1-in. pipe on side of 8-in. casing, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.40 ft above land-surface datum, May 25, 1956; lowest recorded, 59.86 ft below land-surface datum, Jan. 16, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	57.79	JAN 12	57.66	APR 01	57.38	JUL 22	58.20
WATER YEAR 2004 HIGHEST 57.38 APR 01, 2004		LOWEST 58.20 JUL 22, 2004					



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-685, Site ID 303350091100901.

LOCATION.--Lat 30° 33' 50", long 91° 10' 09", Hydrologic Unit 08070202, Sec. 53, T. 5S, R. 1W.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,640 ft, screened 1,580-1,640, casing diameter 6 to 3 in.

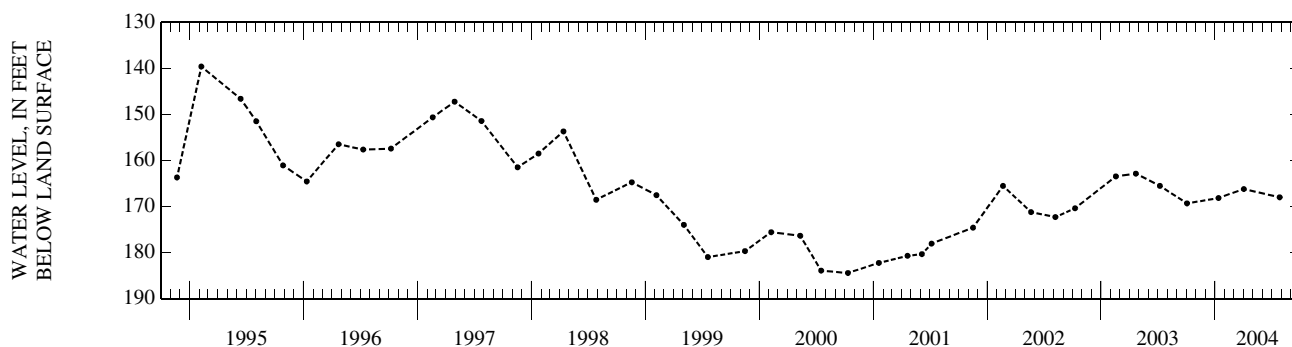
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Hole in center of plug at top of 6-in. casing, 1.73 ft above land-surface datum.

PERIOD OF RECORD.--1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.95 ft below land-surface datum (reported), Apr. 30, 1959; lowest recorded, 184.43 ft below land-surface datum, Oct. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	169.31	JAN 12	168.16	APR 02	166.20	JUL 26	167.99
WATER YEAR 2004		HIGHEST	166.20	APR 02, 2004	LOWEST	169.31	OCT 03, 2003



LOCAL NUMBER.--EB-778, Site ID 302509091082701.

LOCATION.--Lat 30° 25' 09", long 91° 08' 27", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,586 ft, screened 2,581-2,586 ft, casing diameter 4 to 2 1/2 in.

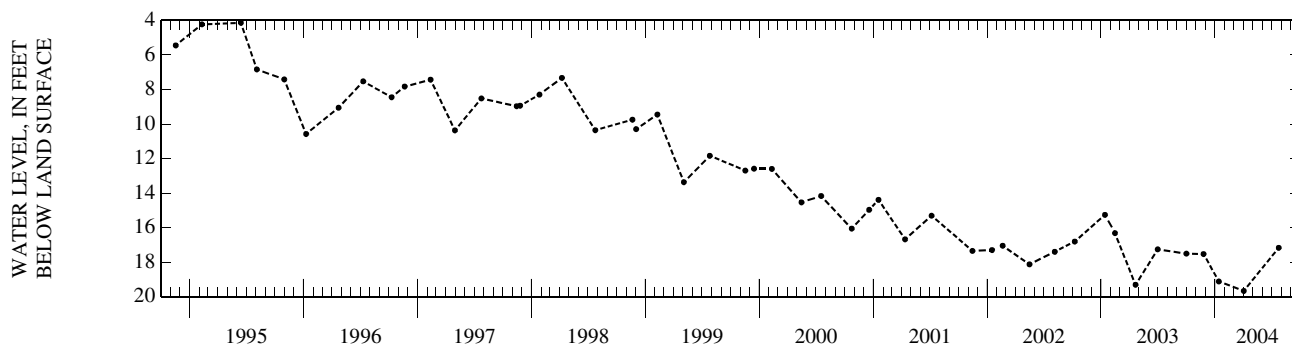
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top edge of 4-in. collar, 0.25 ft below land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.10 ft above land-surface datum, Mar. 16, 1965; lowest recorded, 19.67 ft below land-surface datum, Apr. 2, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	17.51	NOV 25	17.53	JAN 13	19.12	APR 02	19.67	JUL 23	17.17
WATER YEAR 2004		HIGHEST	17.17	JUL 23, 2004	LOWEST	19.67	APR 02, 2004		



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-780A, Site ID 302509091082702.

LOCATION.--Lat 30° 25'09", long 91° 08'27", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,622 ft, screened 1,617-1,622 ft, casing diameter 4 in.

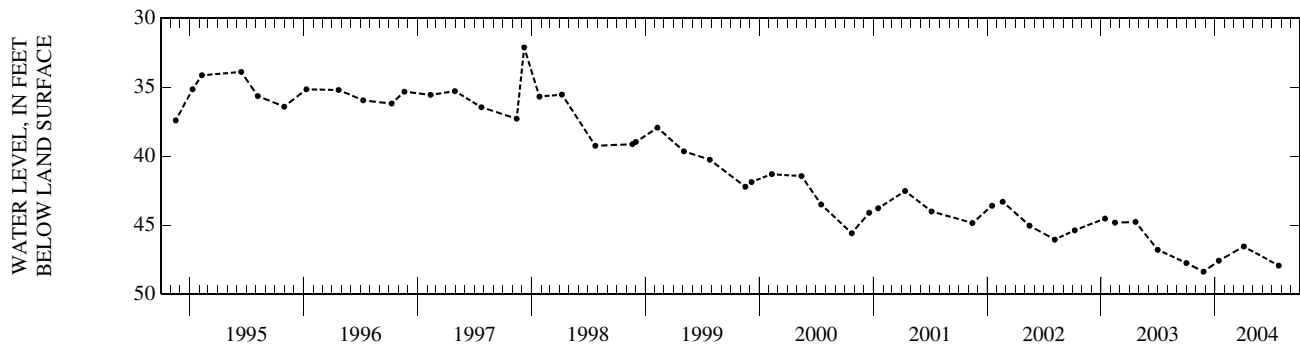
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 4 in. collar, 0.14 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.26 ft above land-surface datum, Jan. 12, 1966; lowest recorded, 48.36 ft below land-surface datum, Nov. 25, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	47.74	NOV 25	48.36	JAN 13	47.57	APR 02	46.54	JUL 23	47.92
WATER YEAR 2004 HIGHEST 46.54 APR 02, 2004 LOWEST 48.36 NOV 25, 2003									



LOCAL NUMBER.--EB-782A, Site ID 302535091090402.

LOCATION.--Lat 30° 25'35", long 91° 09'04", Hydrologic Unit 08070202, Sec. 94, T. 7S, R. 1E.

AQUIFER.--"1,000-foot" sand of Baton Rouge area of Pliocene age (12110BR).

WELL CHARACTERISTICS.--Depth 1,189 ft, screened 1,184-1,189 ft, casing diameter 4 in.

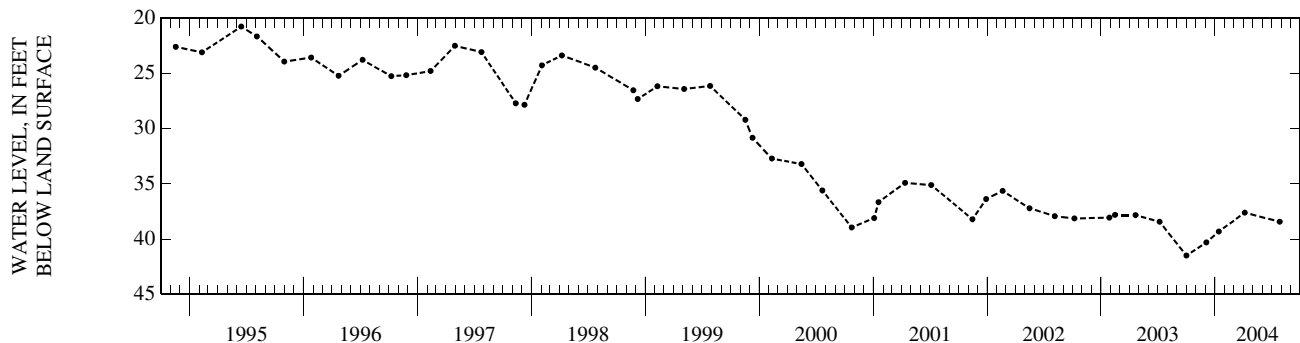
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.37 below land-surface datum, Jan. 14, 1994; lowest recorded, 41.49 ft below land-surface datum, Oct. 1, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	41.49	DEC 04	40.30	JAN 13	39.32	APR 05	37.61	JUL 26	38.43
WATER YEAR 2004 HIGHEST 37.61 APR 05, 2004 LOWEST 41.49 OCT 01, 2003									



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-783A, Site ID 30250209113601.

LOCATION.--Lat 30° 25'02", long 91° 11'36", Hydrologic Unit 08070202, Sec. 54, T. 7S, R. 1W.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,179 ft, screened 2,174-2,179 ft, casing diameter 4 in.

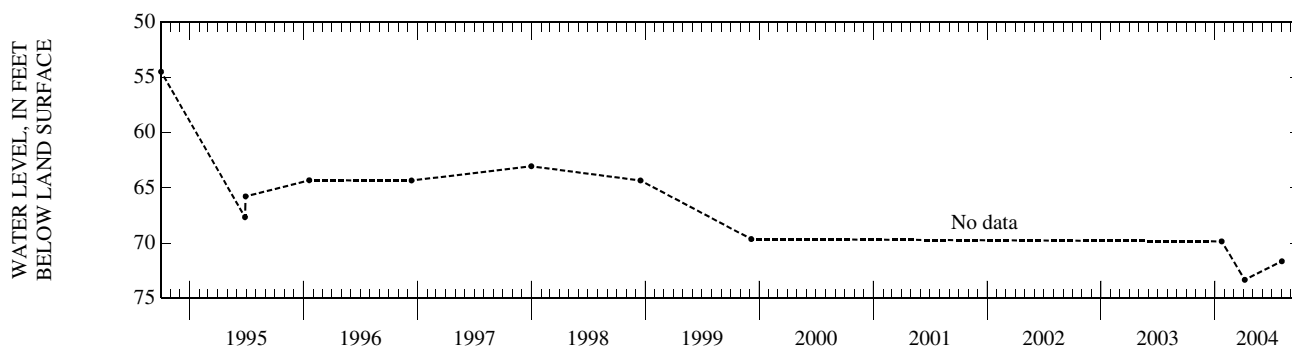
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Top edge of 4-in. collar, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-99, and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.20 above land-surface datum, Mar. 1, 1966; lowest recorded, 73.33 ft below land-surface datum, Apr. 5, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	69.85	APR 05	73.33	AUG 02	71.65
WATER YEAR 2004 HIGHEST 69.85 JAN 22, 2004 LOWEST 73.33 APR 05, 2004					



LOCAL NUMBER.--EB-789A, Site ID 302511091070401.

LOCATION.--Lat 30° 25'11", long 91° 07'04", Hydrologic Unit 08070202, Sec. 93, T. 7S, R. 1E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 711 ft, screened 707-711, casing diameter 4 in.

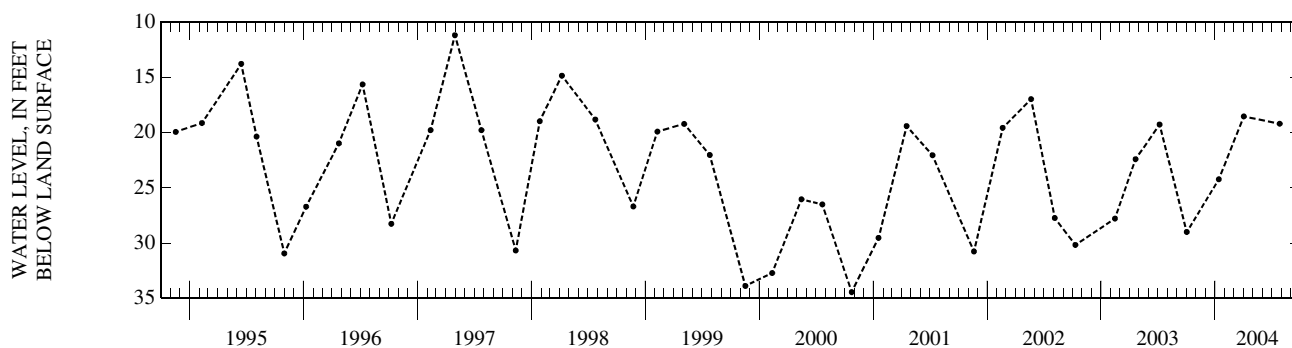
DATUM.--Elevation of land surface datum is 37 ft above NGVD of 1929. Measuring point: Edge of bolt hole in sanitary seal, 0.61 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.50 ft below land-surface datum, May. 17, 1979; lowest recorded, 34.44 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	29.00	JAN 13	24.23	APR 02	18.54	JUL 26	19.20
WATER YEAR 2004 HIGHEST 18.54 APR 02, 2004 LOWEST 29.00 OCT 02, 2003							



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-794, Site ID 302559091110801.

LOCATION.--Lat 30° 25' 59", long 91° 11' 08", Hydrologic Unit 08070202, Sec. 52, T. 7S, R. 1W.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,709 ft, screened 2,705-2,709 ft, casing diameter 4 to 2 1/2 in.

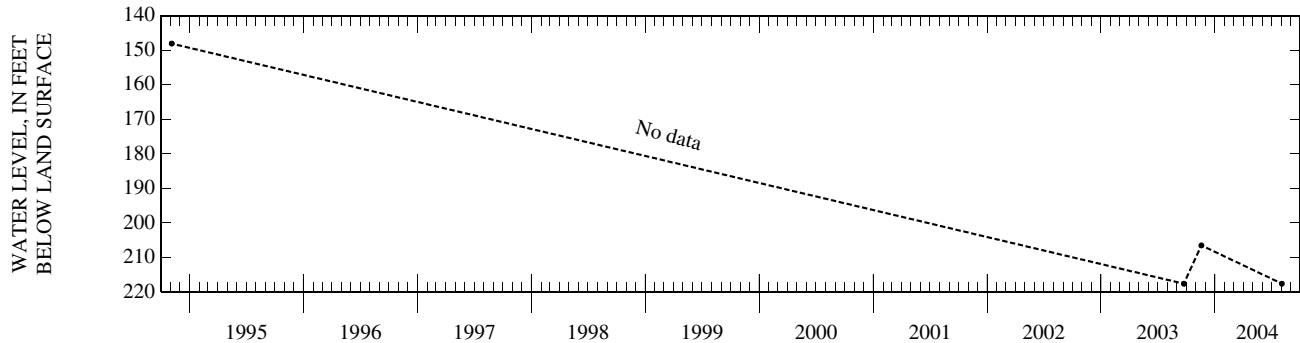
DATUM.--Elevation of land surface datum is 50.18 ft above NGVD of 1929. Measuring point: Top of 3/4-in. airline, 5.3 ft above land-surface datum.

PERIOD OF RECORD.--1965-88, 1990-94, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 113.28 ft below land-surface datum, July 27, 1965; lowest recorded, 217.61 ft below land-surface datum, Sep. 23, 2003 and Aug. 2, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 18	206.52	AUG 02	217.61
WATER YEAR 2004	HIGHEST 206.52 NOV 18, 2003	LOWEST 217.61	AUG 02, 2004



LOCAL NUMBER.--EB-804A, Site ID 302428091035001.

LOCATION.--Lat 30° 24' 28", long 91° 03' 50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,950 ft, screened 1,946-1,950 ft, casing diameter 4 in.

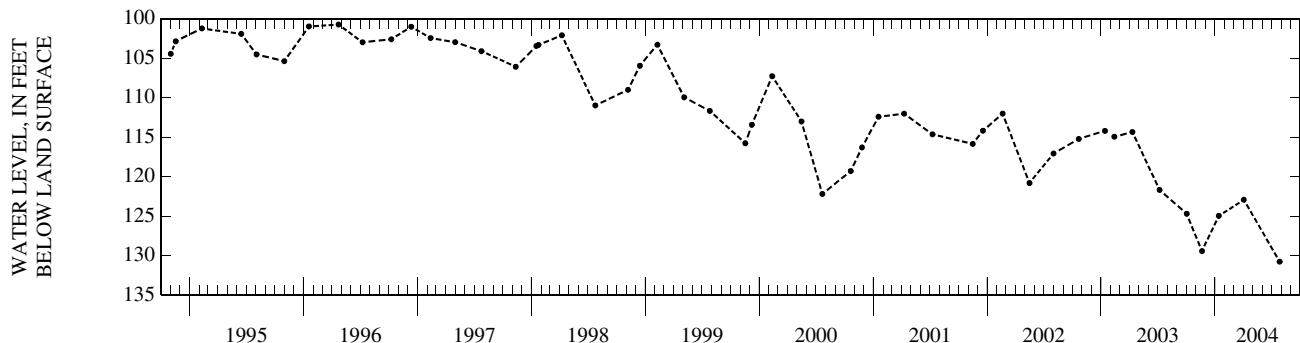
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.57 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.34 ft below land-surface datum, June 9, 1967; lowest recorded, 130.78 ft below land-surface datum, July 26, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	124.71	NOV 20	129.44	JAN 13	124.97	APR 02	122.94	JUL 26	130.78
WATER YEAR 2004	HIGHEST 122.94 APR 02, 2004	LOWEST 130.78	JUL 26, 2004						



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-804B, Site ID 302428091035002.

LOCATION.--Lat 30° 24' 28", long 91° 03' 50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,762 ft, screened 2,758-2,762 ft, casing diameter 4 to 2 1/2 in.

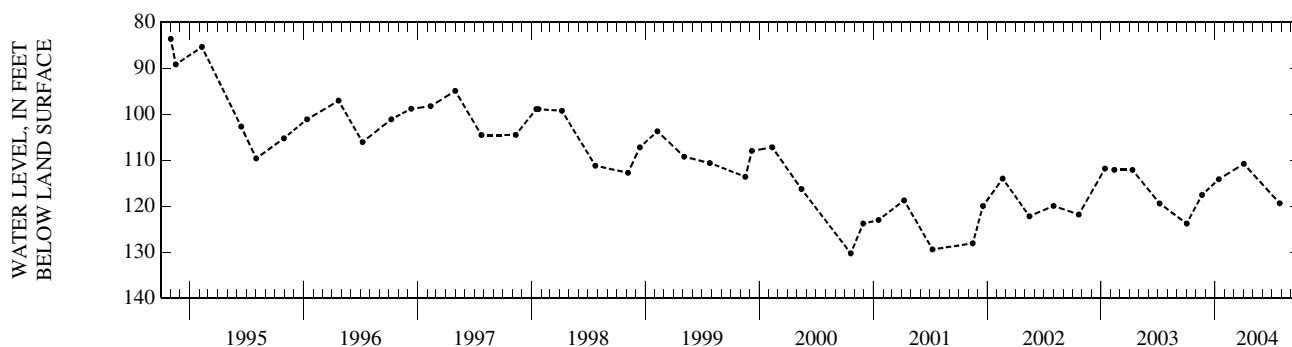
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.37 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.45 ft below land-surface datum, May 6, 1966, May 18, 1966; lowest recorded, 130.24 ft below land-surface datum, Oct. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	123.77	NOV 20	117.55	JAN 13	114.13	APR 02	110.79	JUL 26	119.36
WATER YEAR 2004 HIGHEST 110.79 APR 02, 2004 LOWEST 123.77 OCT 02, 2003									



LOCAL NUMBER.--EB-805, Site ID 302428091035003.

LOCATION.--Lat 30° 24' 28", long 91° 03' 50", Hydrologic Unit 08070202, Sec. 70, T. 7S, R. 1E.

AQUIFER.--"1,000-foot" sand of Baton Rouge area of Pliocene age (12110BR).

WELL CHARACTERISTICS.--Depth 1,072 ft, screened 1,068-1,072, casing diameter 4 to 2 1/2 in.

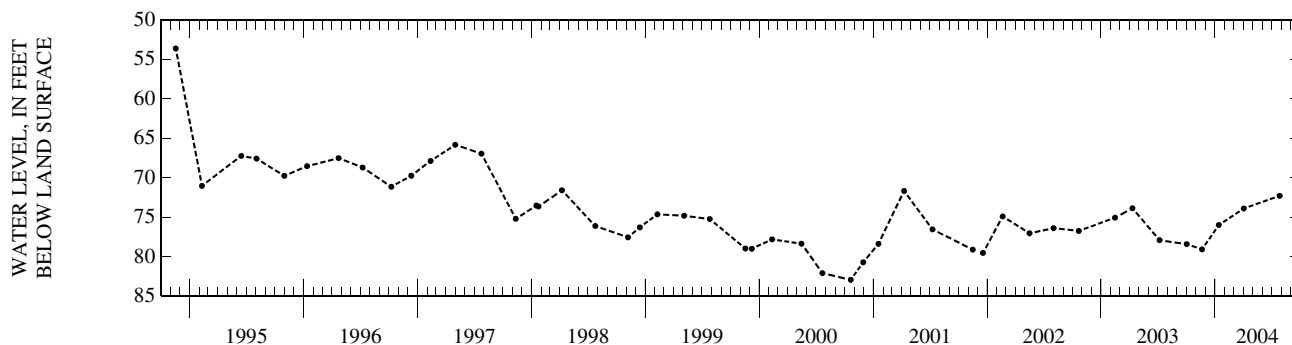
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Top of 1/2 in. hole in cap, 1.25 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.04 ft below land-surface datum, June 9, 1967; lowest recorded, 82.91 ft below land-surface datum, Oct. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	78.39	NOV 20	79.05	JAN 13	75.96	APR 02	73.87	JUL 26	72.27
WATER YEAR 2004 HIGHEST 72.27 JUL 26, 2004 LOWEST 79.05 NOV 20, 2003									



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-806B, Site ID 302702091103902.

LOCATION.--Lat 30° 27'02", long 91° 10'39", Hydrologic Unit 08070201, Sec. 72, T. 7S, R. 1W.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,579 ft, screened 2,575-2,579, casing diameter 4 to 2 1/2 in.

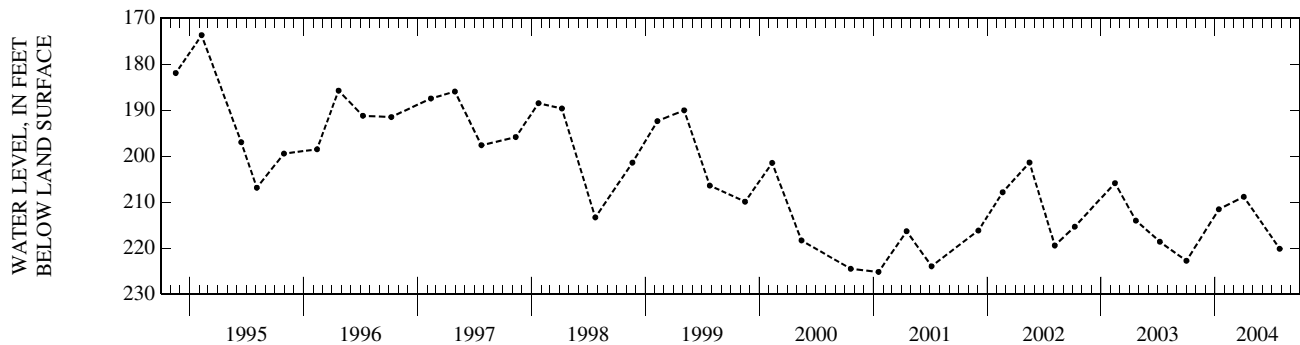
DATUM.--Elevation of land surface datum is 46.5 ft above NGVD of 1929. Measuring point: Top edge of 1 1/2 in. nipple, 1.83 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 119.03 ft below land-surface datum, May 19, 1966; lowest recorded, 225.14 ft below land-surface datum, Jan. 17, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	222.72	JAN 13	211.53	APR 02	208.83	JUL 26	220.12
WATER YEAR 2004		HIGHEST	208.83	APR 02, 2004	LOWEST	222.72	OCT 01, 2003



LOCAL NUMBER.--EB-824, Site ID 302553091092001.

LOCATION.--Lat 30° 25'53", long 91° 09'20", Hydrologic Unit 08070202, Sec. 96, T. 7S, R. 1E.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 581 ft, screened 575-581 ft, casing diameter 2 in.

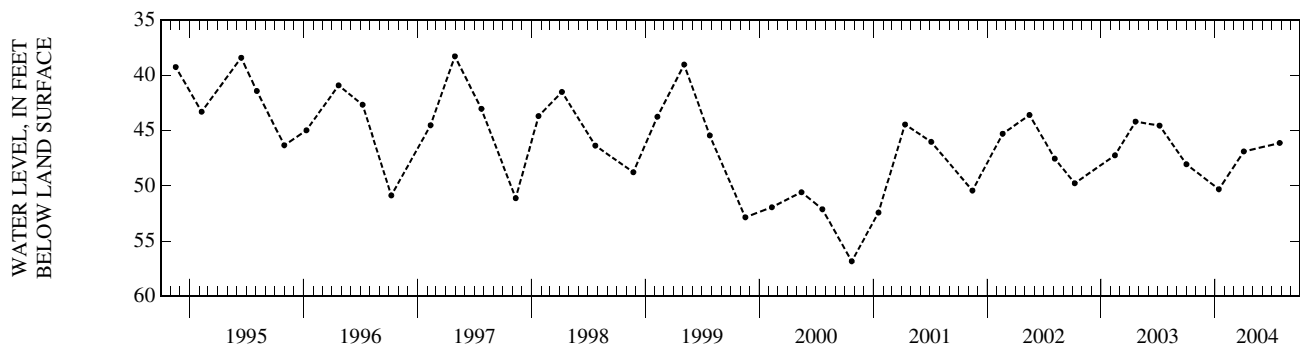
DATUM.--Elevation of land surface datum is 33.56 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.84 ft below land-surface datum, July 10, 1990; lowest recorded, 90.29 ft below land-surface datum, Oct. 23, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	48.05	JAN 13	50.31	APR 02	46.89	JUL 26	46.12
WATER YEAR 2004		HIGHEST	46.12	JUL 26, 2004	LOWEST	50.31	JAN 13, 2004



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-825, Site ID 302553091092002.

LOCATION.--Lat 30° 25' 53", long 91° 09' 20", Hydrologic Unit 08070202, Sec. 96, T. 7S, R. 1E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 475 ft, screened 469-475 ft, casing diameter 2 in.

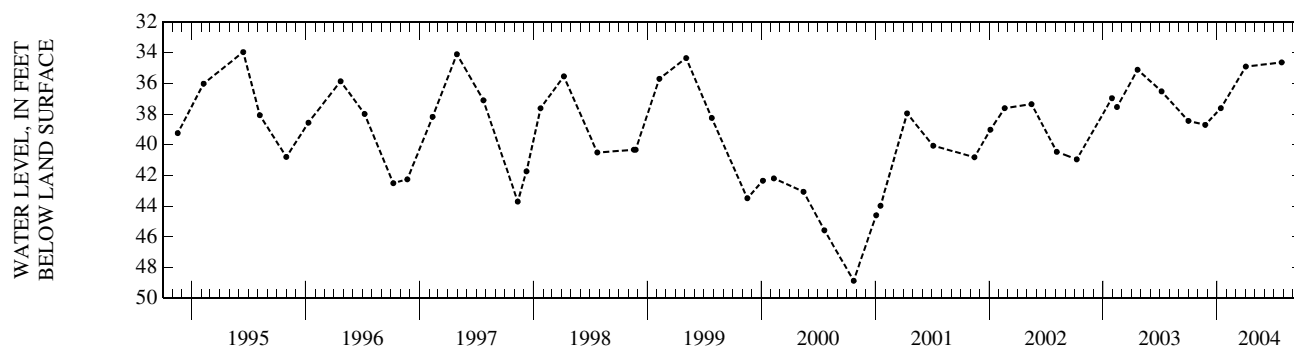
DATUM.--Elevation of land surface datum is 33.57 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.21 ft below land-surface datum, May 9, 1990; lowest recorded, 63.45 ft below land-surface datum, Nov. 8, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	38.44	NOV 24	38.70	JAN 13	37.61	APR 02	34.90	JUL 26	34.63
WATER YEAR 2004 HIGHEST		34.63	JUL 26, 2004	LOWEST		38.70	NOV 24, 2003		



LOCAL NUMBER.--EB-827, Site ID 303356091095301.

LOCATION.--Lat 30° 33' 56", long 91° 09' 53", Hydrologic Unit 08070202, Sec. 54, T. 5S, R. 1W.

OWNER.--Louisiana Water Resources Research Institute.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 370 ft, screened 364-370 ft, casing diameter 2 in.

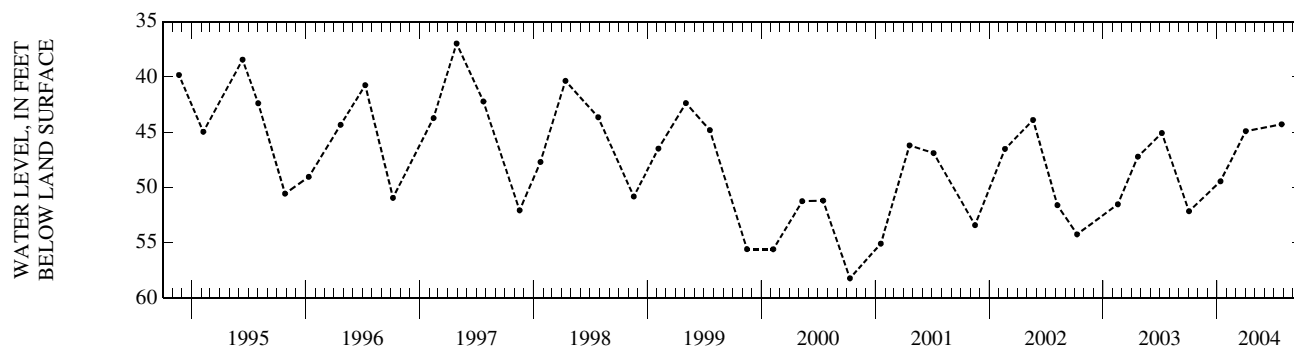
DATUM.--Elevation of land surface datum is 63.96 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1967-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.97 ft below land-surface datum, Apr. 29, 1997; lowest recorded, 68.13 ft below land-surface datum, Nov. 1, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	52.15	JAN 12	49.44	APR 02	44.90	JUL 26	44.28
WATER YEAR 2004 HIGHEST		44.28	JUL 26, 2004	LOWEST		52.15	OCT 03, 2003



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-840, Site ID 303903091164901.

LOCATION.--Lat 30° 39'03", long 91° 16'49", Hydrologic Unit 08070201, Sec. 37, T. 4S, R. 2W.

OWNER.--Georgia-Pacific Corp.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 785 ft, screened 655-785 ft, casing diameter 16 to 12 in.

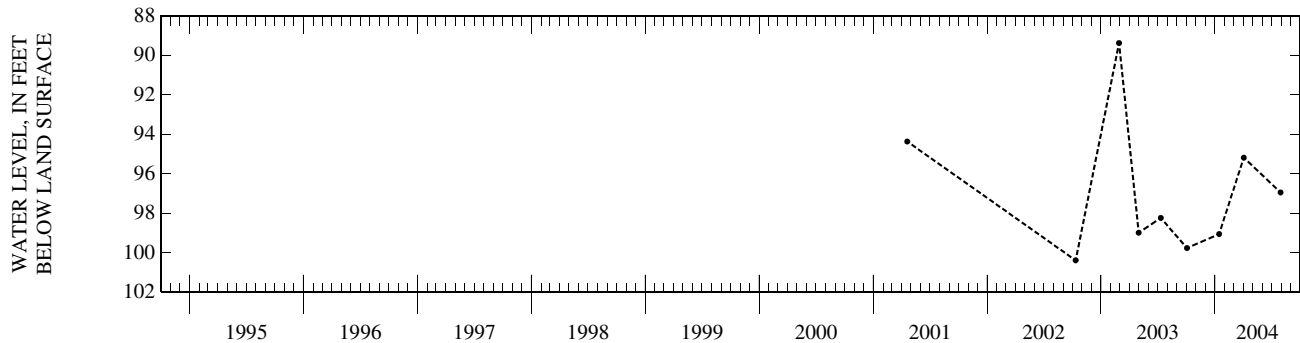
DATUM.--Elevation of land surface datum is 95.0 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe over center of casing, 2.65 ft above land-surface datum.

PERIOD OF RECORD.--1967, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 68.00 ft below land-surface datum (reported), Dec. 6, 1967; lowest recorded, 100.38 ft below land-surface datum, Oct. 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	99.76	JAN 14	99.05	APR 02	95.18	JUL 29	96.94
WATER YEAR 2004 HIGHEST		95.18	APR 02, 2004	LOWEST		99.76	OCT 03, 2003



LOCAL NUMBER.--EB-849, Site ID 303912091150801.

LOCATION.--Lat 30° 39'12", long 91° 15'08", Hydrologic Unit 08070201, Sec. 31, T. 4S, R. 1W.

AQUIFER.--"1,500 and 1,700 foot" sands of Baton Rouge area of Pliocene age (12116BR).

WELL CHARACTERISTICS.--Depth 1,380 ft, screened 1,250-1,270 and 1,350-1,380 ft, casing diameter 6 in.

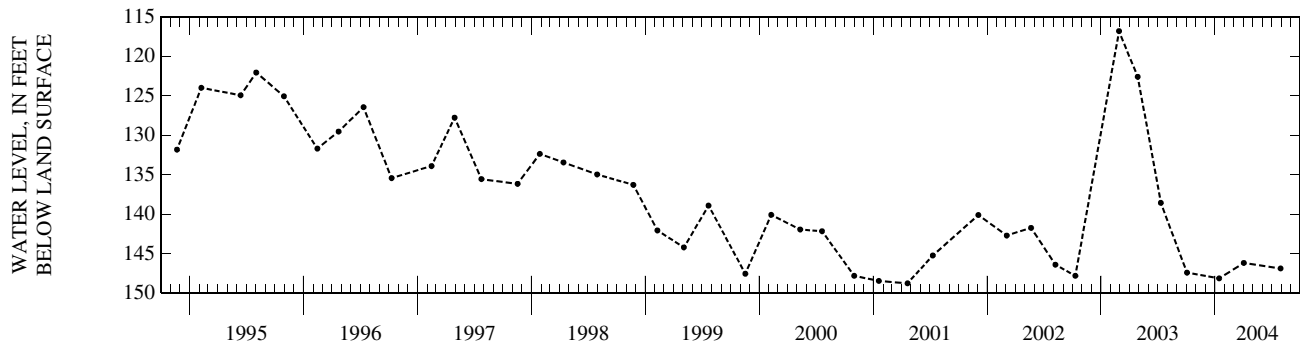
DATUM.--Elevation of land surface datum is 91 ft above NGVD of 1929. Measuring point: Top of 6-in. casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1966, 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.79 ft below land-surface datum, Feb. 22, 1966; lowest recorded, 148.73 ft below land-surface datum, Apr. 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	147.38	JAN 14	148.10	APR 02	146.15	JUL 29	146.85
WATER YEAR 2004 HIGHEST		146.15	APR 02, 2004	LOWEST		148.10	JAN 14, 2004



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-870, Site ID 302729091100601.

LOCATION.--Lat 30° 27' 29", long 91° 10' 06", Hydrologic Unit 08070201, Sec. 44, T. 7S, R. 1W.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 692 ft, screened 687-692 ft, casing diameter 2 in.

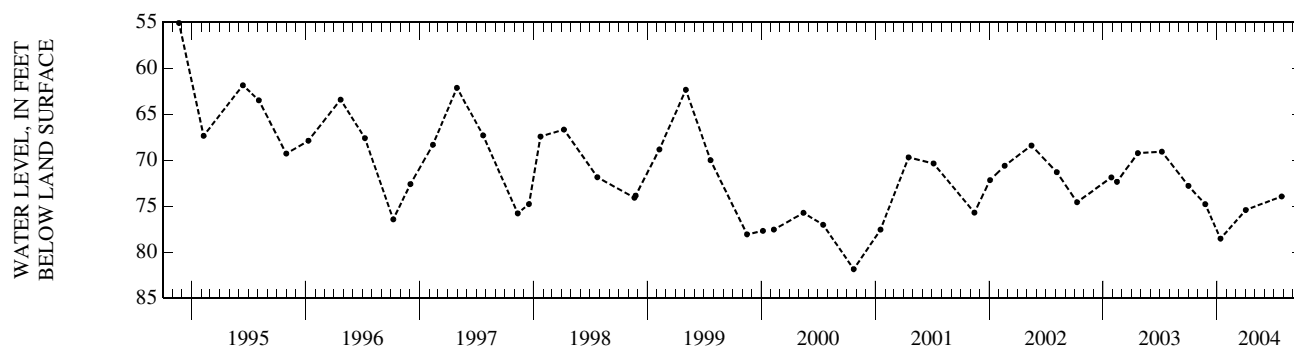
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, at land-surface datum.

PERIOD OF RECORD.--1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.33 ft below land-surface datum, July 10, 1990; lowest recorded, 142.48 ft below land-surface datum, Oct. 5, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	72.79	NOV 24	74.78	JAN 12	78.52	APR 02	75.41	JUL 26	73.94
WATER YEAR 2004 HIGHEST 72.79 OCT 01, 2003		LOWEST 78.52 JAN 12, 2004							



LOCAL NUMBER.--EB-896, Site ID 303905090583301.

LOCATION.--Lat 30° 39' 05", long 90° 58' 33", Hydrologic Unit 08070202, Sec. 51, T. 4S, R. 2E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73 ft, casing diameter 1 1/4 in.

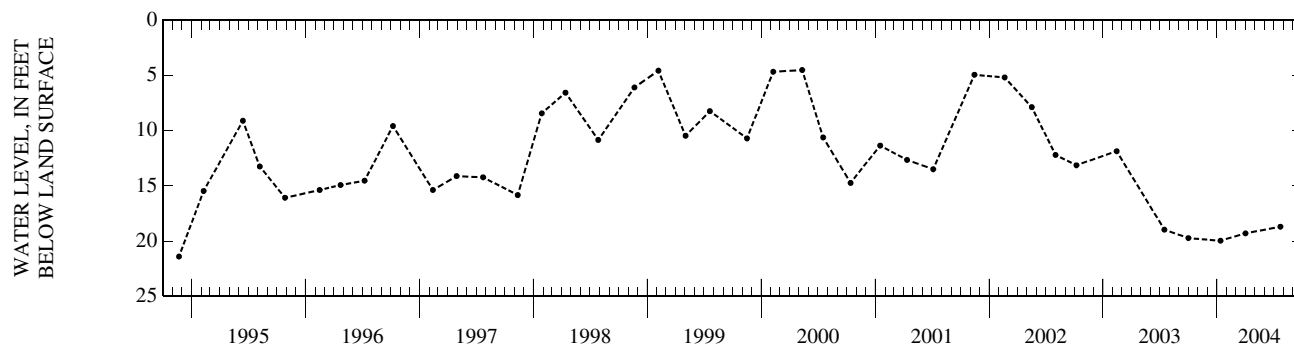
DATUM.--Elevation of land surface datum is 82 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, at land-surface datum.

PERIOD OF RECORD.--1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.52 ft below land-surface datum, May 11, 2000; lowest recorded, 21.40 ft below land-surface datum, Nov 21, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	19.73	JAN 12	19.97	APR 01	19.30	JUL 22	18.70
WATER YEAR 2004 HIGHEST 18.70 JUL 22, 2004		LOWEST 19.97 JAN 12, 2004					



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-917, Site ID 302614091083001.

LOCATION.--Lat 30° 26'14", long 91° 08'30", Hydrologic Unit 08070202, Sec. 95, T. 7S, R. 1E.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,736 ft, screened 1,731-1,736 ft, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 46.56 ft above NGVD of 1929. Measuring point: Top of 3/4-in. casing, 1.9 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site.

REMARKS.--No stage recorded for periods, Nov. 6-10, Jan. 3-7, Jan. 13-15, July 24-27, July 29-Aug. 3, Aug. 7-8, Aug. 11-20, Aug. 24-Sep. 6, Sep. 10-23, Sep. 25-30. Water levels below lowest recorded level.

PERIOD OF RECORD.--1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 116.98 ft below land-surface datum, Apr. 10, 1978; lowest recorded, 167.90 ft below land-surface datum, Aug. 16, 2004.

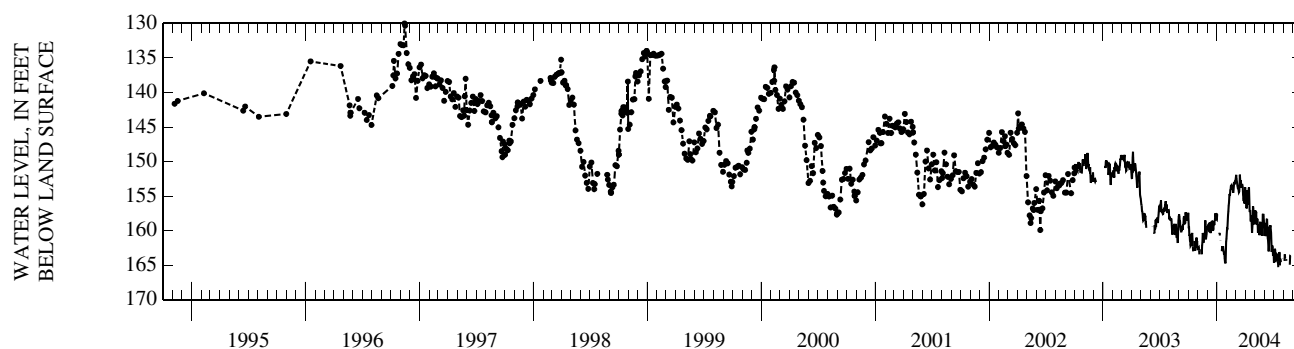
EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 151.10 ft below land-surface datum, Mar. 2; lowest recorded, 167.90 ft below land-surface datum, Aug. 16, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	158.60	162.44	159.78	157.66	160.47	152.31	155.33	158.93	158.87	164.65	---	---
2	159.66	162.43	159.43	157.66	159.68	151.94	155.41	157.06	159.24	164.34	---	---
3	159.42	162.38	159.33	---	159.72	152.50	155.55	157.24	160.73	163.43	---	---
4	160.60	162.84	159.77	---	158.82	152.87	156.78	157.66	160.42	162.63	164.40	---
5	160.59	163.44	159.01	---	157.75	153.19	156.71	157.27	160.80	162.89	163.42	---
6	161.43	---	159.93	---	157.22	153.53	155.34	159.12	159.87	164.37	164.01	---
7	161.58	---	159.90	---	156.41	153.80	154.19	158.75	159.75	164.38	---	164.70
8	162.18	---	158.84	160.49	155.97	153.95	156.29	158.95	158.38	164.24	---	164.44
9	162.09	---	159.17	160.34	155.12	153.82	155.91	158.27	158.30	163.76	164.13	164.72
10	161.83	---	159.53	160.70	154.69	154.14	155.02	158.99	159.84	163.42	164.37	---
11	160.75	162.69	160.36	---	154.91	154.47	154.00	160.29	161.07	163.46	---	---
12	160.58	163.00	159.77	161.44	154.21	154.37	153.76	159.41	161.39	163.59	---	---
13	160.34	163.43	159.10	---	154.06	153.43	155.77	159.24	162.06	164.27	---	---
14	161.45	162.11	158.73	---	153.54	151.90	157.16	159.05	163.00	164.52	---	---
15	162.29	161.71	158.70	---	153.51	152.75	157.16	160.39	162.33	165.29	---	---
16	163.00	160.35	160.06	162.97	153.43	153.26	157.05	160.66	160.12	---	---	---
17	---	160.51	159.00	162.45	153.72	152.73	158.31	159.92	159.44	164.48	---	---
18	---	161.76	159.36	162.28	153.67	153.49	158.67	158.83	159.81	163.13	---	---
19	161.52	161.10	159.97	162.49	154.05	153.80	158.08	158.75	159.45	163.22	---	---
20	161.77	160.84	159.69	162.25	153.75	153.51	157.81	160.66	159.23	165.01	---	---
21	162.63	160.82	158.96	162.82	154.37	153.24	158.94	160.36	159.84	164.18	164.95	---
22	162.94	160.81	158.87	163.03	154.52	153.50	160.31	159.68	160.28	164.21	163.68	---
23	162.42	160.12	159.20	163.48	154.00	153.73	159.53	159.11	161.62	164.57	163.69	---
24	162.11	158.53	158.66	163.25	153.36	154.79	158.72	158.97	163.10	---	---	164.53
25	162.51	160.88	158.51	164.01	153.16	155.36	156.46	160.76	162.32	---	---	---
26	161.50	161.26	157.74	164.54	153.17	155.72	156.76	157.71	162.17	---	---	---
27	161.01	160.82	157.49	164.74	152.92	155.14	159.10	157.73	162.39	---	---	---
28	161.82	160.51	157.86	164.54	152.93	155.88	158.78	157.57	163.63	164.00	---	---
29	161.52	159.76	158.25	162.53	152.70	156.08	158.14	157.95	163.16	---	---	---
30	162.85	159.38	158.39	161.64	---	155.02	158.67	158.58	163.27	---	---	---
31	---	---	158.43	161.16	---	153.72	---	159.61	---	---	---	---
MAX	---	---	160.36	---	160.47	156.08	160.31	160.76	163.63	---	---	---
MIN	---	---	157.49	---	152.70	151.90	153.76	157.06	158.30	---	---	---

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	160.14	JAN 07	160.21	JUL 26	166.71	AUG 17	167.57	AUG 23	164.19
NOV 10	162.92	15	162.56	27	165.23	18	167.06	27	166.04
19	161.87	APR 05	157.69	AUG 16	167.90	20	167.05	30	166.55



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-933, Site ID 302955091060601.

LOCATION.--Lat 30° 29'55", long 91° 06'06", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 603 ft, screened 592-603 ft, casing diameter 2 in.

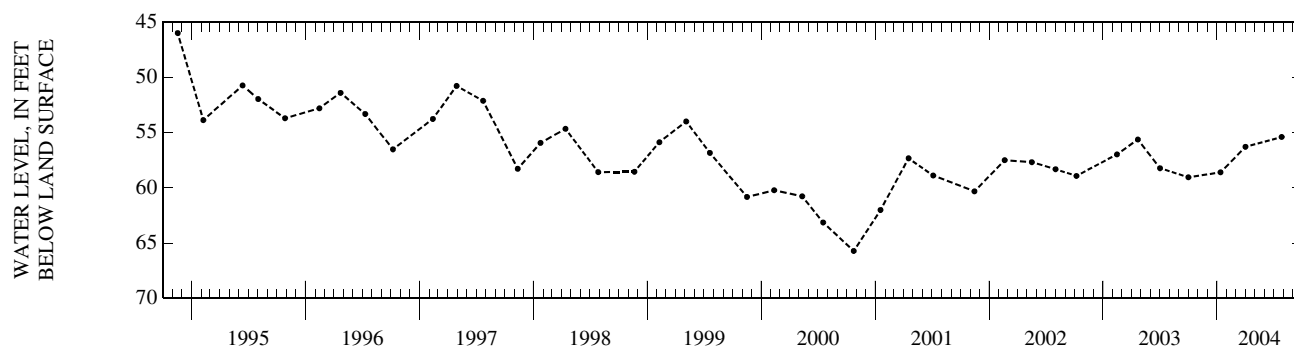
DATUM.--Elevation of land surface datum is 51 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 1.30 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.67 ft below land-surface datum, July 11, 1991; lowest recorded, 67.84 ft below land-surface datum, Nov. 18, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	59.05	JAN 12	58.60	APR 01	56.29	JUL 26	55.40
WATER YEAR 2004		HIGHEST	55.40	JUL 26, 2004	LOWEST	59.05	OCT 01, 2003



LOCAL NUMBER.--EB-934, Site ID 302955091060501.

LOCATION.--Lat 30° 29'55", long 91° 06'05", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 385 ft, screened 372-385 ft, casing diameter 2 in.

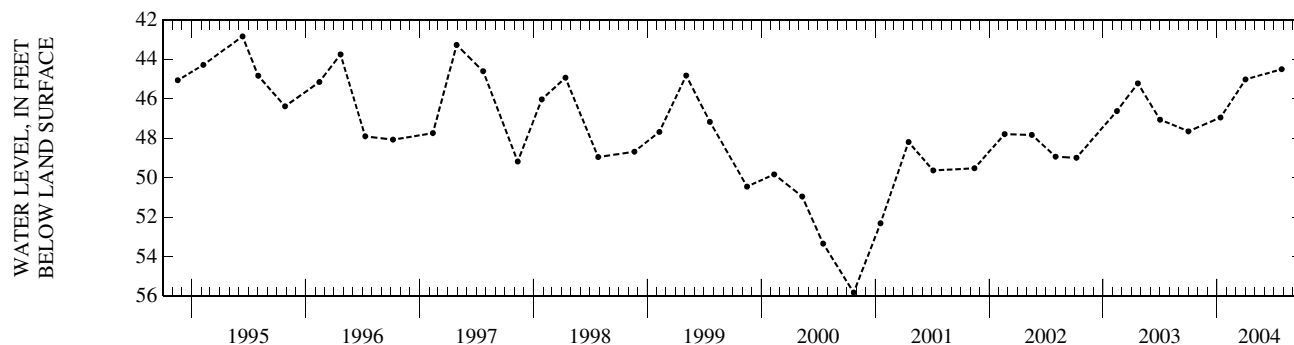
DATUM.--Elevation of land surface datum is 51 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 1.10 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.55 ft below land-surface datum, July 11, 1991; lowest recorded, 55.98 ft below land-surface datum, Nov. 18, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	47.64	JAN 12	46.94	APR 01	45.01	JUL 26	44.49
WATER YEAR 2004		HIGHEST	44.49	JUL 26, 2004	LOWEST	47.64	OCT 01, 2003



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-944, Site ID 302932091101901.

LOCATION.--Lat 30° 29' 32", long 91° 10' 19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,792 ft, screened 2,782-2,792 ft, casing diameter 4 and 2 in.

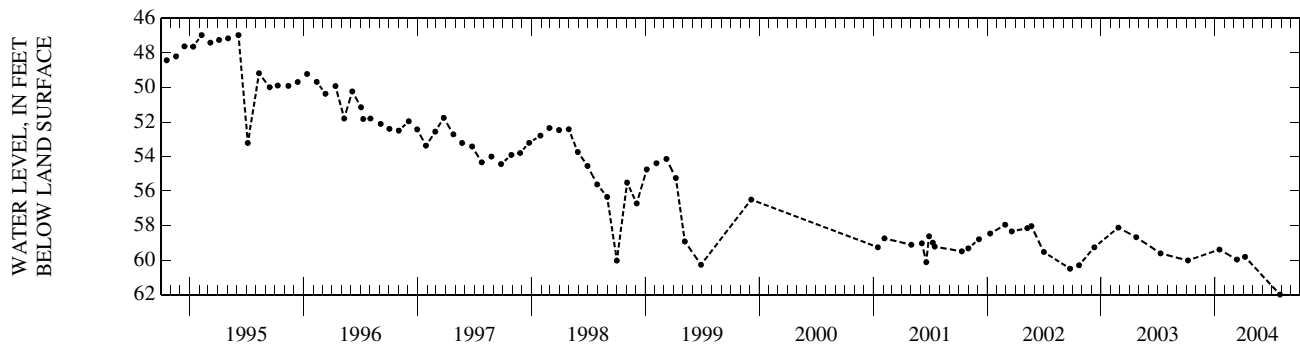
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Far right edge of side opening of 2-in. tee on well, 1.63 ft above land-surface datum.

PERIOD OF RECORD.--1975-99, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.53 ft below land-surface datum, Feb. 4, 1975; lowest recorded, 62.00 ft below land-surface datum, July 27, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	60.02	JAN 15	59.39	MAR 11	59.97	APR 06	59.81	JUL 27	62.00
WATER YEAR 2004		HIGHEST	59.39 JAN 15, 2004	LOWEST	62.00 JUL 27, 2004				



LOCAL NUMBER.--EB-945, Site ID 302932091101902.

LOCATION.--Lat 30° 29' 32", long 91° 10' 19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 654 ft, screened 644-654, casing diameter 4 and 2 in.

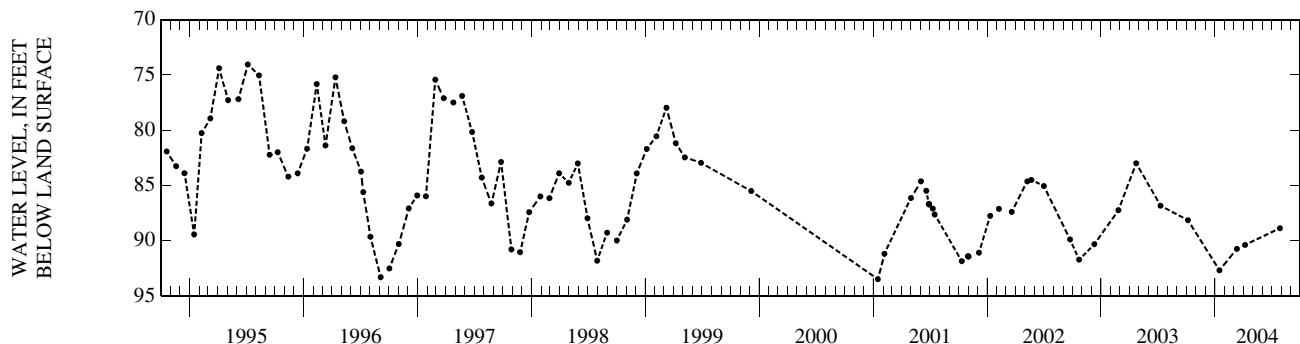
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Far right edge of side opening of 2-in. tee on well casing liner, 2.27 ft above land-surface datum.

PERIOD OF RECORD.--1975-99, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.09 ft below land-surface datum, July 9, 1990; lowest recorded, 158.05 ft below land-surface datum, Aug. 26, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	88.14	JAN 15	92.68	MAR 11	90.74	APR 06	90.38	JUL 27	88.87
WATER YEAR 2004		HIGHEST	88.14 OCT 06, 2003	LOWEST	92.68 JAN 15, 2004				



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-946, Site ID 302932091101903.

LOCATION.--Lat 30° 29' 32", long 91° 10' 19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,234 ft, screened 1,224-1,234 ft, casing diameter 4 and 2 in.

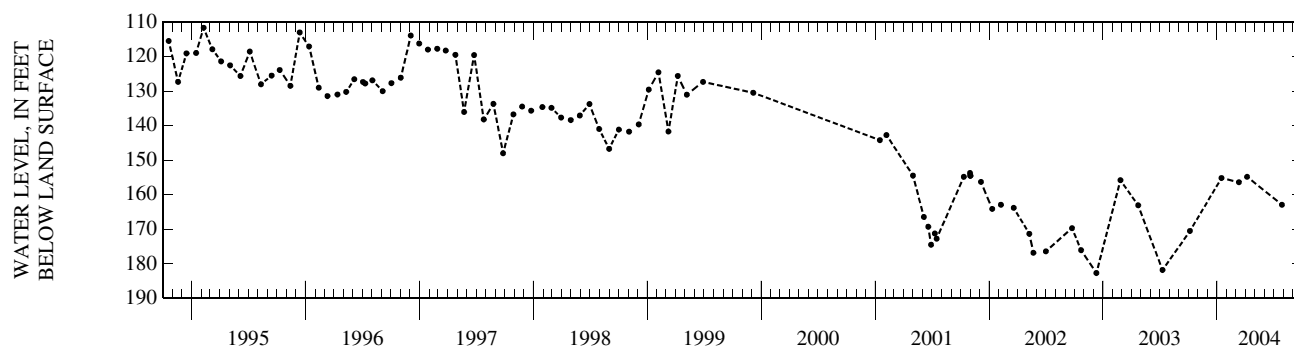
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Right-center edge of 2-in. tee, 2.02 ft above land-surface datum.

PERIOD OF RECORD.--1975-99, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 97.73 ft below land-surface datum, June 2, 1992; lowest recorded, 193.08 ft below land-surface datum, Oct. 2, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	170.50	JAN 15	155.17	MAR 11	156.39	APR 06	154.81	JUL 27	162.92
WATER YEAR 2004 HIGHEST 154.81 APR 06, 2004 LOWEST 170.50 OCT 06, 2003									



LOCAL NUMBER.--EB-996, Site ID 303149091093301.

LOCATION.--Hydrologic Unit 08070202.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,374 ft, screened 1,274-1374, casing diameter 10 to 6 in.

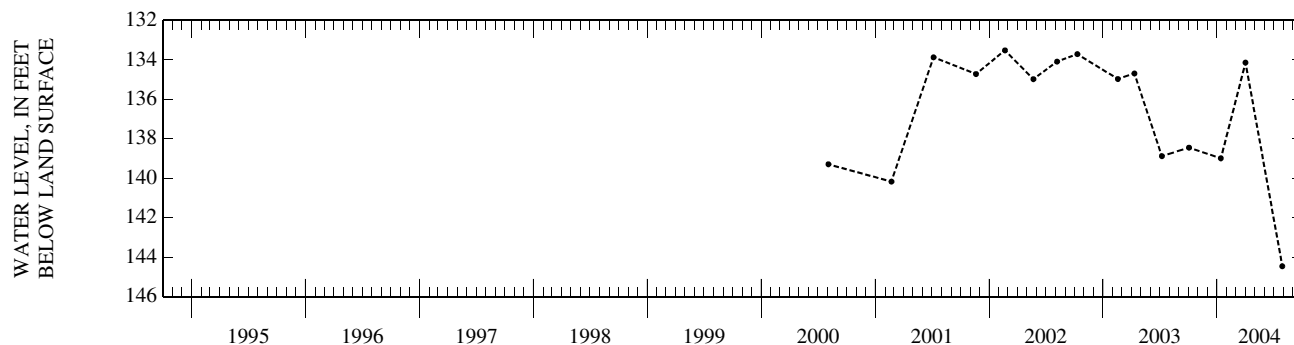
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: 1-in. hole on east side of well casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1968, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.00 ft below land-surface datum (reported), Dec. 7, 1968; lowest recorded, 144.46 ft below land-surface datum, July 28, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	138.45	JAN 13	138.99	APR 01	134.14	JUL 28	144.46
WATER YEAR 2004 HIGHEST 134.14 APR 01, 2004 LOWEST 144.46 JUL 28, 2004							



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1000, Site ID 303251091115001.

LOCATION.--Lat 30° 32' 51", long 91° 11' 50", Hydrologic Unit 08070202, Sec. 69, T. 6S, R. 1W.

AQUIFER.--"2,800-foot sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,926 ft, screened 2,916-2,926 ft, casing diameter 2 1/2 in.

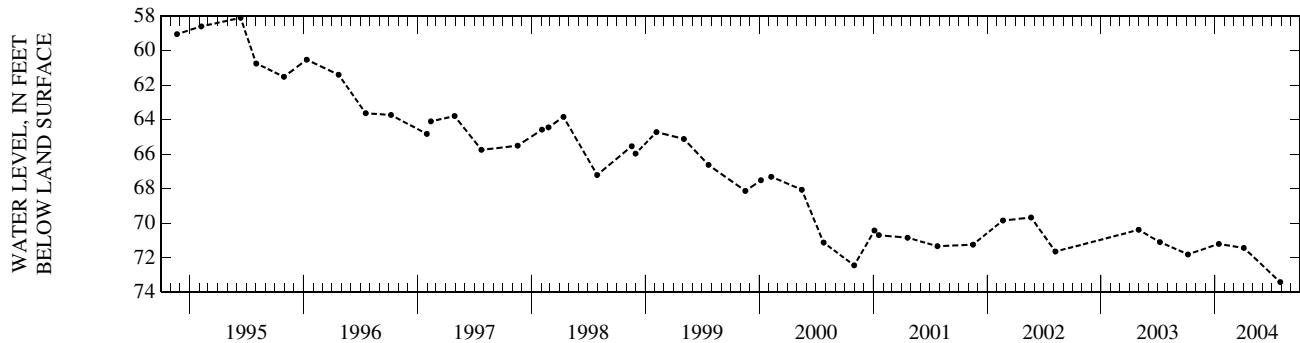
DATUM.--Elevation of land surface datum is 68 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.15 ft below land-surface datum, Apr. 22, 1985; lowest recorded, 73.41 ft below land-surface datum, July 28, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	71.81	JAN 13	71.20	APR 02	71.43	JUL 28	73.41
WATER YEAR 2004		HIGHEST	71.20 JAN 13, 2004	LOWEST	73.41 JUL 28, 2004		



LOCAL NUMBER.--EB-1019, Site ID 302919091020501.

LOCATION.--Lat 30° 29' 19", long 91° 02' 05", Hydrologic Unit 08070202, Sec. 52, T. 6S, R. 2E.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 700 ft, screened 690-700 ft, casing diameter 2 in.

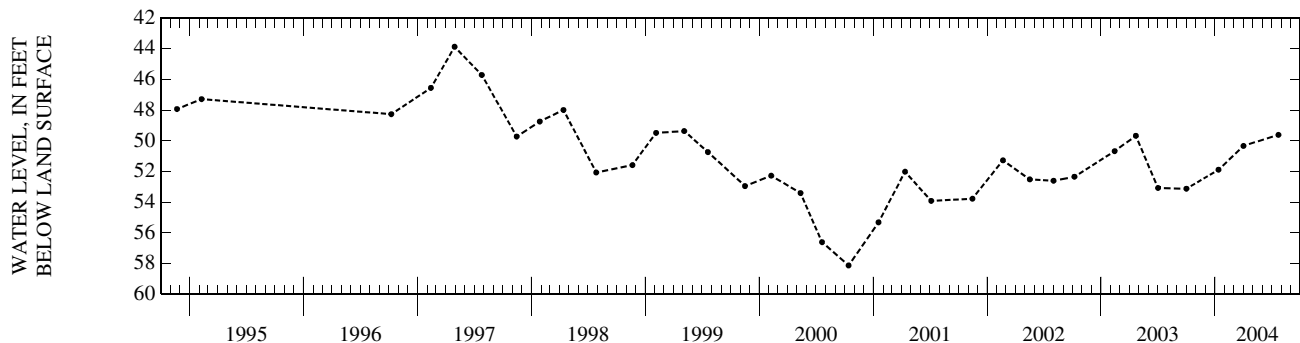
DATUM.--Elevation of land surface datum is 49 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, at land-surface datum.

PERIOD OF RECORD.--1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.70 ft below land-surface datum, Apr. 12, 1983; lowest recorded, 58.12 ft below land-surface datum, Oct. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	53.12	JAN 12	51.88	APR 01	50.33	JUL 22	49.61
WATER YEAR 2004		HIGHEST	49.61 JUL 22, 2004	LOWEST	53.12 OCT 01, 2003		



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1028, Site ID 302605091100901.

LOCATION.--Lat 30° 26'05", long 91° 10'09", Hydrologic Unit 08070202, Sec. 53, T. 7S, R. 1W.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,238 ft, screened 2,223-2,238 ft, casing diameter 2 1/2 in.

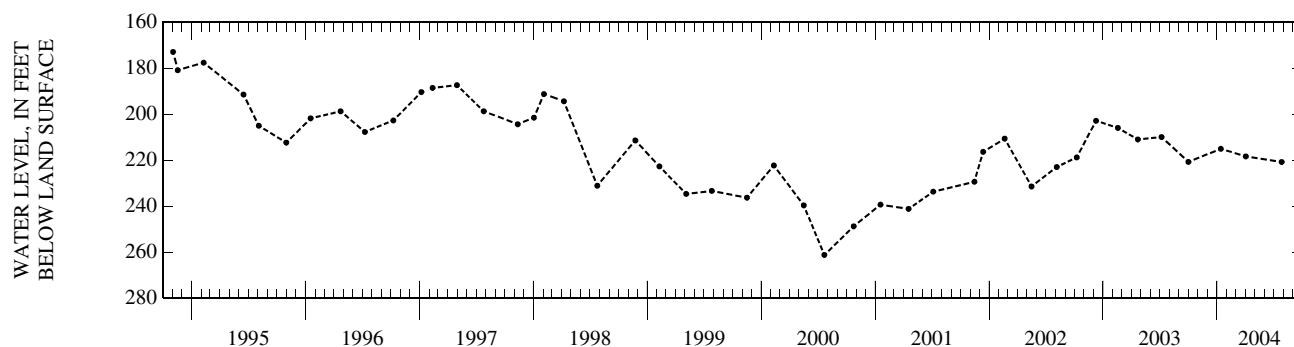
DATUM.--Elevation of land surface datum is 40 ft above NGVD of 1929. Measuring point: Top edge of 1-in. airline, 0.30 ft below land-surface datum.

PERIOD OF RECORD.--1981-88, 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 172.99 ft below land-surface datum, Nov. 2, 1994; lowest recorded, 261.17 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	220.77	JAN 13	215.08	APR 02	218.38	JUL 26	220.79
WATER YEAR 2004		HIGHEST	215.08 JAN 13, 2004	LOWEST	220.79 JUL 26, 2004		



LOCAL NUMBER.--EB-1234, Site ID 303853091165801.

LOCATION.--Lat 30° 38'53", long 91° 16'58", Hydrologic Unit 08070201, Sec. 39, T. 5S, R. 2W.

AQUIFER.--"400 and 600-foot" sands of Baton Rouge area of Pleistocene age (11205BR).

WELL CHARACTERISTICS.--Depth 250 ft, screened 210-250 ft, casing diameter 4 in.

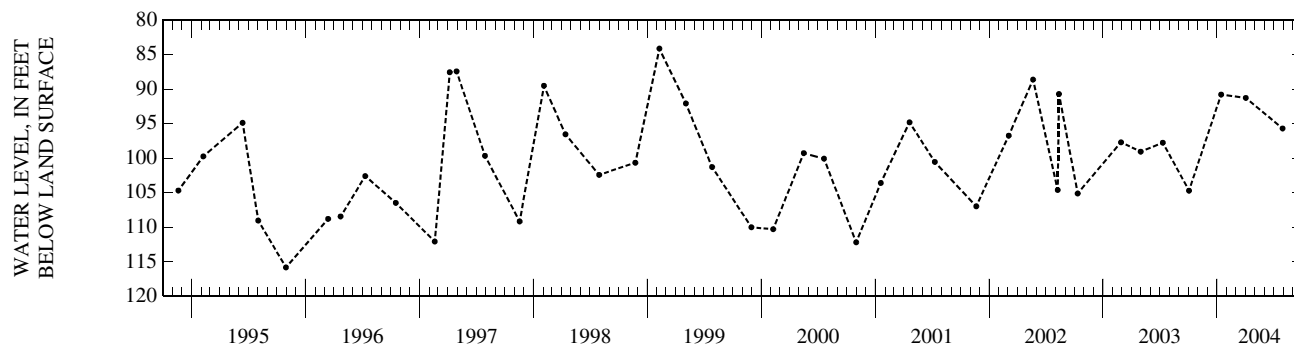
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1990, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.63 ft below land-surface datum, Apr. 29, 1994; lowest recorded, 115.82 ft below land-surface datum, Oct. 30, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	104.71	JAN 14	90.79	APR 02	91.27	JUL 29	95.70
WATER YEAR 2004		HIGHEST	90.79 JAN 14, 2004	LOWEST	104.71 OCT 03, 2003		



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1264, Site ID 302543091015001.

LOCATION.--Lat 30° 25'43", long 91° 01'50", Hydrologic Unit 08070202, Sec. 20, T. 7S, R. 2E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 498 ft, screened 488-498 ft, casing diameter 2 in.

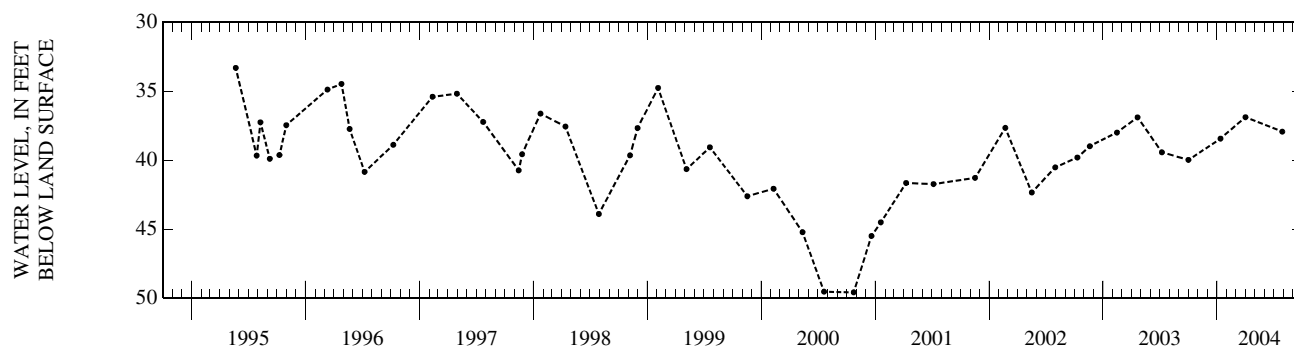
DATUM.--Elevation of land surface datum is 38 ft above NGVD of 1929. Measuring point: Top of 2-in. collar, at land-surface datum.

PERIOD OF RECORD.--1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.32 ft below land-surface datum (reported), May 22, 1995; lowest recorded, 49.57 ft below land-surface datum, Oct. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	39.98	JAN 12	38.44	APR 01	36.89	JUL 28	37.94
WATER YEAR 2004		HIGHEST	36.89	APR 01, 2004	LOWEST	39.98	OCT 01, 2003



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1274, Site ID 302642091083401.

LOCATION.--Lat 30° 26'42", long 91° 08'34", Hydrologic Unit 08070202, Sec. 81, T. 7S, R. 1E.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 855 ft, screened 835-855 ft, casing diameter 6 to 4 in.

DATUM.--Elevation of land surface datum is 44 ft above NGVD of 1929. Measuring point: Hole in gage house floor, 4.3 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site.

REMARKS.--No stage recorded for the period, Oct. 2-6, due to recorder malfunction.

PERIOD OF RECORD.--1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.93 ft below land-surface datum, Feb. 19, 1997; lowest recorded, 99.44 ft below land-surface datum, Sep. 8, 2000.

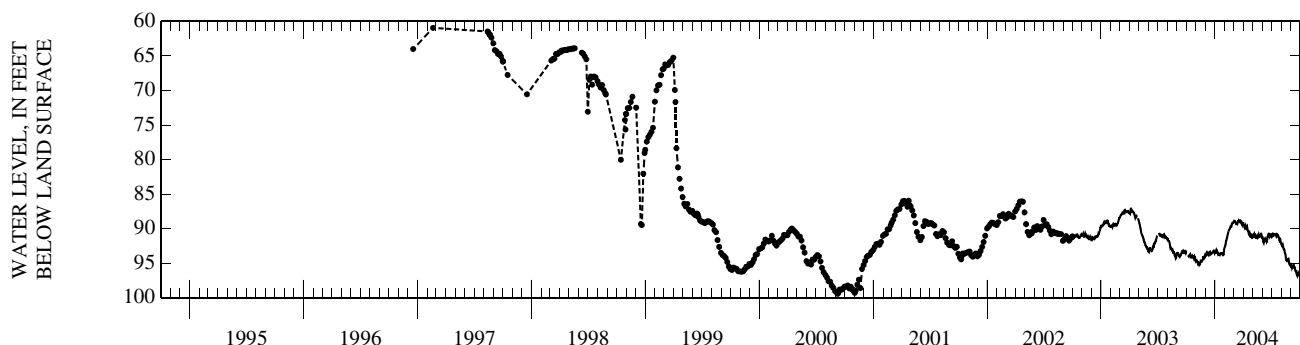
EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 88.75 ft below land-surface datum, Mar. 2; lowest recorded, 96.96 ft below land-surface datum, Sep. 29.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.50	94.65	93.89	93.44	92.67	88.98	89.33	91.27	91.28	91.14	92.31	95.45
2	---	94.65	93.80	93.36	92.49	88.87	89.45	90.94	91.45	91.08	92.36	95.47
3	---	94.61	93.68	93.30	92.43	88.90	89.53	90.87	91.86	90.89	92.68	95.60
4	---	94.70	93.70	93.22	92.19	88.91	89.81	90.90	91.91	90.73	92.51	95.75
5	---	94.82	93.57	93.08	91.81	88.99	89.89	90.80	92.03	90.75	92.41	95.65
6	---	94.91	93.76	93.15	91.72	89.10	89.74	91.08	91.82	90.98	92.59	95.44
7	93.88	95.14	93.70	93.48	91.55	89.23	89.61	91.06	91.74	90.97	92.89	95.32
8	94.03	95.28	93.46	93.54	91.38	89.30	89.92	91.10	91.46	90.97	92.97	95.26
9	94.07	95.28	93.46	93.51	91.11	89.26	89.99	91.02	91.40	90.89	92.98	95.27
10	93.92	95.27	93.59	93.63	90.89	89.32	89.89	91.18	91.51	90.82	93.08	95.51
11	93.79	95.00	93.74	93.77	90.75	89.36	89.71	91.43	91.70	90.78	93.41	95.63
12	93.73	95.03	93.63	93.71	90.56	89.39	89.64	91.22	91.73	90.77	93.54	95.61
13	93.67	95.19	93.47	93.77	90.43	89.26	89.97	91.19	91.77	90.86	93.64	95.78
14	93.86	95.04	93.42	93.76	90.21	88.94	90.23	91.11	91.94	90.89	94.00	96.10
15	93.99	94.82	93.37	93.79	90.14	88.96	90.30	91.32	91.85	91.02	94.26	96.15
16	94.17	94.61	93.66	93.83	90.09	88.96	90.37	91.37	91.47	91.15	94.50	96.15
17	94.18	94.63	93.55	93.68	90.04	88.83	90.59	91.27	91.19	91.07	94.53	96.32
18	94.29	94.80	93.56	93.60	89.93	88.92	90.70	91.00	91.14	90.81	94.59	96.54
19	93.94	94.79	93.67	93.66	89.79	89.00	90.63	90.89	90.97	90.87	94.84	96.70
20	93.89	94.71	93.62	93.62	89.65	88.93	90.57	91.17	90.78	91.21	94.68	96.80
21	94.02	94.59	93.52	93.66	89.69	88.85	90.80	91.17	90.74	91.09	94.57	96.54
22	94.11	94.53	93.50	93.65	89.68	88.84	91.13	91.03	90.74	91.12	94.40	96.47
23	94.13	94.34	93.49	93.69	89.50	88.89	91.20	90.96	90.88	91.23	94.36	96.50
24	94.17	94.01	93.47	93.58	89.30	89.08	91.19	90.93	91.10	91.53	94.61	96.37
25	94.32	94.26	93.47	93.61	89.19	89.25	90.90	91.26	90.95	91.74	94.97	96.48
26	94.15	94.30	93.31	93.69	89.18	89.31	90.87	90.82	90.86	91.78	95.16	96.57
27	94.01	94.12	93.21	93.80	89.20	89.22	91.25	90.72	90.84	91.67	95.15	96.82
28	94.13	94.14	93.18	93.77	89.16	89.36	91.31	90.73	91.05	91.62	95.14	96.86
29	94.27	93.98	93.26	93.35	89.06	89.45	91.26	90.86	90.98	91.87	95.27	96.70
30	94.61	93.83	93.40	93.04	---	89.31	91.28	91.02	90.94	91.98	95.40	96.67
31	94.75	---	93.56	92.88	---	89.08	---	91.31	---	92.19	95.30	---
MAX	---	95.28	93.89	93.83	92.67	89.45	91.31	91.43	92.03	92.19	95.40	96.86
MIN	---	93.83	93.18	92.88	89.06	88.83	89.33	90.72	90.74	90.73	92.31	95.26

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	93.74	OCT 06	93.94	JAN 15	93.82	APR 05	90.06	JUL 27	91.82	AUG 30	95.56



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1278, Site ID 302501091052601.

LOCATION.--Lat 30° 25'01", long 91° 05'26", Hydrologic Unit 08070202, Sec. 39, T. 7S, R. 1E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 547 ft, screened 537-547 ft, casing diameter 2 in.

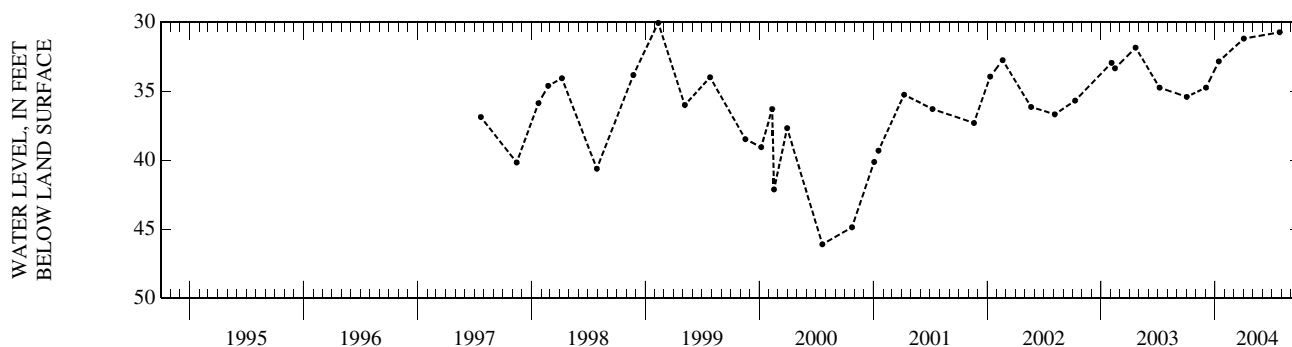
DATUM.--Elevation of land surface datum is 31 ft above NGVD of 1929. Measuring point: Top of 2-in. aluminum pipe, 3.17 ft above land-surface datum.

PERIOD OF RECORD.--1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.06 ft below land-surface datum, Feb. 11, 1999; lowest recorded, 46.09 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	35.42	DEC 03	34.75	JAN 13	32.85	APR 02	31.20	JUL 26	30.74
WATER YEAR 2004 HIGHEST 30.74 JUL 26, 2004 LOWEST 35.42 OCT 02, 2003									



EAST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--EB-1293, Site ID 302636091083802.

LOCATION.--Lat 30° 26'36", long 91° 08'38", Hydrologic Unit 08070202, Sec. 81, T. 7S, R. 1E.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,754 ft, screened 780-800, 825-865, and 1,620-1,744 ft, casing diameter 18 to 10 in.

DATUM.--Elevation of land surface datum is 45 ft above NGVD of 1929. Measuring point: Hole in 2 1/2-in. cap after removing 3/4-in. nipple from marked cap, 4.82 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site. REMARKS.--No stage recorded for the period, Nov. 7-9, due to recorder malfunction.

PERIOD OF RECORD.--1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 115.15 ft below land-surface datum, Apr. 14, 2000; lowest recorded, 134.00 ft below land-surface datum (reported), Oct. 13, 1998.

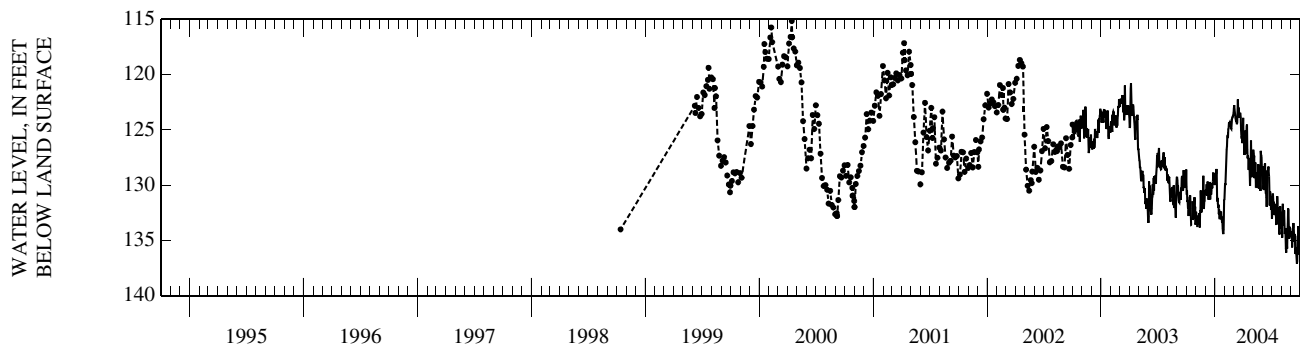
EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 121.63 ft below land-surface datum, Mar. 2, 14; lowest recorded, 137.34 ft below land-surface datum, Sept. 20.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130.15	132.41	130.81	129.09	130.67	123.06	125.87	128.81	128.30	133.04	133.26	134.50
2	130.87	133.13	130.68	129.10	129.82	122.75	125.61	126.79	129.01	132.50	133.48	134.75
3	130.48	132.76	130.42	129.14	130.01	123.12	126.15	127.16	130.30	131.29	134.76	134.93
4	131.53	133.42	130.70	129.04	128.91	123.38	127.27	127.68	130.10	130.76	132.38	135.63
5	131.38	133.78	129.92	128.53	128.00	123.66	126.68	127.33	130.44	131.36	131.69	134.88
6	132.05	133.37	130.96	129.15	127.42	123.91	125.61	129.36	129.82	132.71	132.72	133.96
7	132.09	---	130.77	131.03	126.78	124.10	125.07	128.29	129.40	132.51	133.68	133.86
8	132.79	---	129.68	131.47	126.45	124.15	127.13	128.80	128.16	132.35	133.21	133.43
9	132.28	---	130.18	131.15	125.58	124.09	126.19	127.95	128.04	132.07	132.28	133.84
10	132.21	133.59	130.50	131.66	125.52	124.32	125.49	129.24	129.93	131.75	133.14	134.58
11	131.14	132.56	131.32	132.02	125.76	124.49	124.68	130.22	130.66	131.80	134.42	135.13
12	131.06	133.21	130.48	131.76	124.97	124.39	124.52	128.83	130.65	132.00	134.03	134.41
13	130.93	133.83	130.12	132.63	124.88	123.42	126.78	128.94	131.15	132.69	133.90	135.05
14	132.07	132.33	129.72	132.21	124.41	122.24	127.59	128.87	131.96	132.78	135.17	136.24
15	132.94	132.33	129.91	132.94	124.43	123.29	127.34	130.24	131.23	133.51	135.73	135.90
16	133.61	130.49	131.29	133.08	124.37	123.57	127.58	130.16	128.67	133.58	136.11	135.67
17	133.60	131.25	129.92	132.39	124.73	122.99	128.62	129.19	128.71	132.31	135.46	136.15
18	---	132.47	130.50	132.58	124.41	123.69	128.59	128.11	128.94	131.01	135.29	136.67
19	131.44	132.03	130.85	132.68	124.67	123.91	127.70	128.32	128.57	131.69	135.75	137.10
20	132.08	131.91	130.51	132.40	124.23	123.65	127.73	130.31	128.31	133.44	134.08	136.88
21	133.13	131.72	129.82	132.99	124.86	123.45	128.97	129.40	128.90	132.04	133.51	134.64
22	133.08	131.58	130.04	132.98	124.91	123.58	130.06	129.11	129.20	132.42	132.11	134.62
23	132.99	130.85	130.28	133.39	124.46	123.89	128.86	128.65	130.48	132.72	132.21	134.66
24	132.21	129.15	129.83	133.21	124.02	125.04	128.57	128.76	131.84	134.08	133.68	133.71
25	132.84	132.16	129.66	133.92	123.89	125.50	125.97	130.53	130.58	134.46	134.84	134.69
26	131.71	132.05	128.92	134.27	123.86	125.79	127.01	126.89	130.73	133.54	134.58	135.10
27	131.09	131.45	128.87	134.43	123.72	125.17	129.29	127.30	131.07	133.24	133.78	136.29
28	132.47	131.41	129.41	134.02	123.68	125.98	128.30	127.25	132.20	131.92	133.89	135.92
29	131.95	130.56	129.52	132.10	123.47	126.21	128.03	127.52	131.83	133.74	134.62	134.53
30	133.58	130.46	130.00	131.40	---	124.81	128.86	128.57	131.70	132.87	134.44	134.97
31	133.45	---	129.82	131.31	---	123.91	---	129.00	---	133.90	134.19	---
MAX	---	---	131.32	134.43	130.67	126.21	130.06	130.53	132.20	134.46	136.11	137.10
MIN	---	---	128.87	128.53	123.47	122.24	124.52	126.79	128.04	130.76	131.69	133.43

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	131.61	NOV 10	132.56	JAN 15	133.22	APR 05	128.13	JUL 27	133.69	AUG 30	134.38



EAST CARROLL PARISH

LOCAL NUMBER.--EC-55, Site ID 324040091110801.

LOCATION.--Lat 32° 40' 40", long 91° 11' 08", Hydrologic Unit 08050003, Sec. 38, T.20N, R.12E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 114 ft, screened 74-114 ft, casing diameter 12 in.

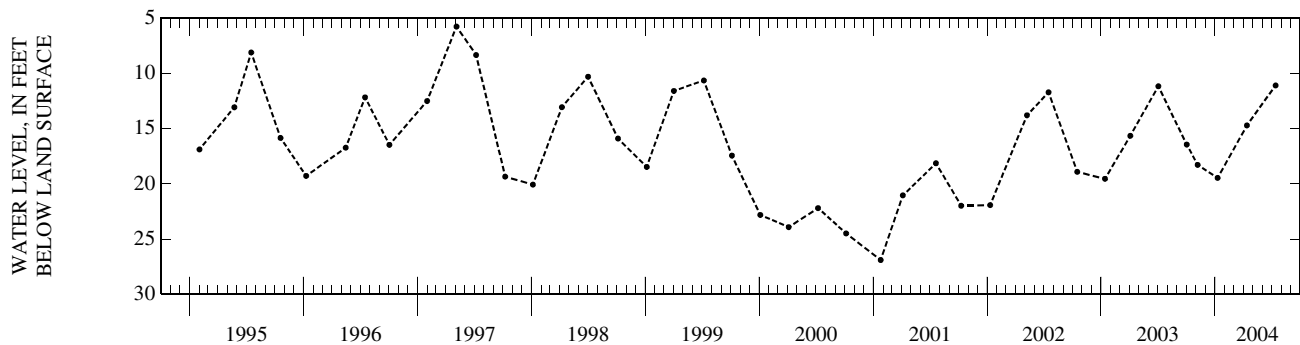
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: Hole in center of well cap, 0.05 ft below land-surface datum.

PERIOD OF RECORD.--1955, 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.26 ft below land-surface datum, May 16, 1973; lowest recorded, 29.63 ft below land-surface datum, June 22, 1964.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	16.45	NOV 06	18.29	JAN 09	19.47	APR 12	14.72	JUL 13	11.10
WATER YEAR 2004		HIGHEST	11.10 JUL 13, 2004	LOWEST	19.47 JAN 09, 2004				



LOCAL NUMBER.--EC-89, Site ID 325100091132401.

LOCATION.--Lat 32° 51' 00", long 91° 13' 24", Hydrologic Unit 08050003, Sec. 41, T.22N, R.12E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 335 ft, screened 330-335 ft, casing diameter 4 to 2 in.

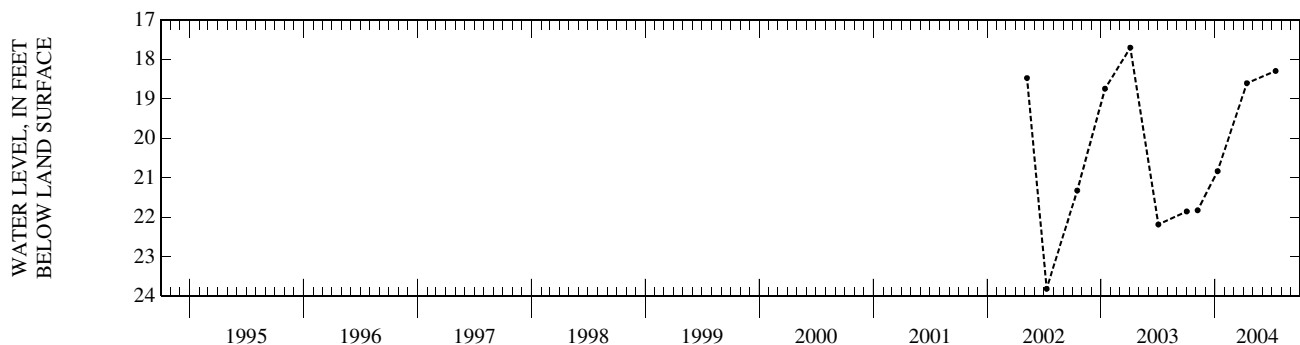
DATUM.--Elevation of land surface datum is 106.05 ft above NGVD of 1929. Measuring point: Edge of 4-in. pipe, at land-surface datum.

PERIOD OF RECORD.--1955-87, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.53 ft below land-surface datum, May 14, 1958; lowest recorded, 23.81 ft below land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	21.85	NOV 06	21.82	JAN 09	20.83	APR 12	18.60	JUL 13	18.29
WATER YEAR 2004		HIGHEST	18.29 JUL 13, 2004	LOWEST	21.85 OCT 02, 2003				



EAST CARROLL PARISH—Continued

LOCAL NUMBER.--EC-90, Site ID 325100091132402.

LOCATION.--Lat 32° 51' 00", long 91° 13' 24", Hydrologic Unit 08050003, Sec. 41, T.22N, R.12E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 88 ft, screened 83-88 ft, casing diameter 2 in.

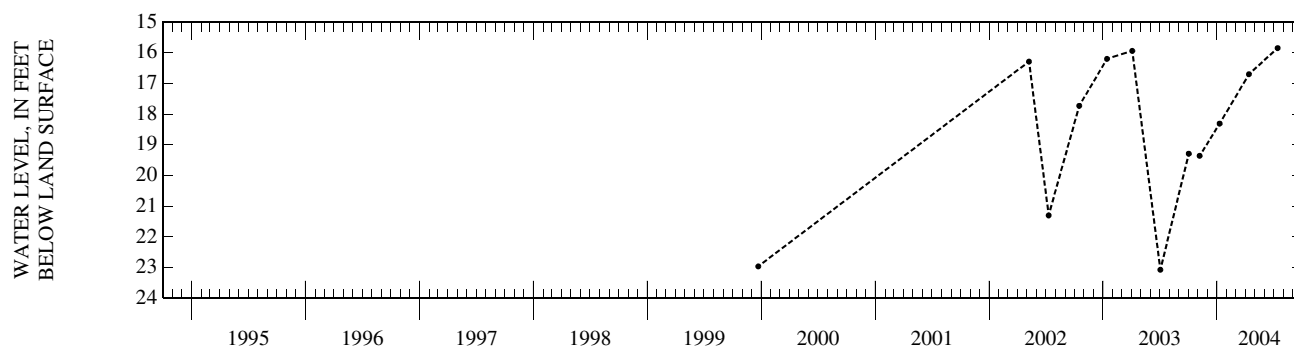
DATUM.--Elevation of land surface datum is 106.05 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--1955-87, 1999, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.31 ft below land-surface datum, Mar. 22, 1973; lowest recorded, 24.50 ft below land-surface datum, Sep. 10, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	19.29	NOV 06	19.36	JAN 09	18.31	APR 12	16.70	JUL 13	15.85
WATER YEAR 2004 HIGHEST		15.85	JUL 13, 2004 LOWEST		19.36	NOV 06, 2003			



EAST FELICIANA PARISH

LOCAL NUMBER.--EF-61 Site ID 305144091010901.

LOCATION.--Hydrologic Unit 08070202.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 305 ft, screened interval unknown, casing diameter 6 in.

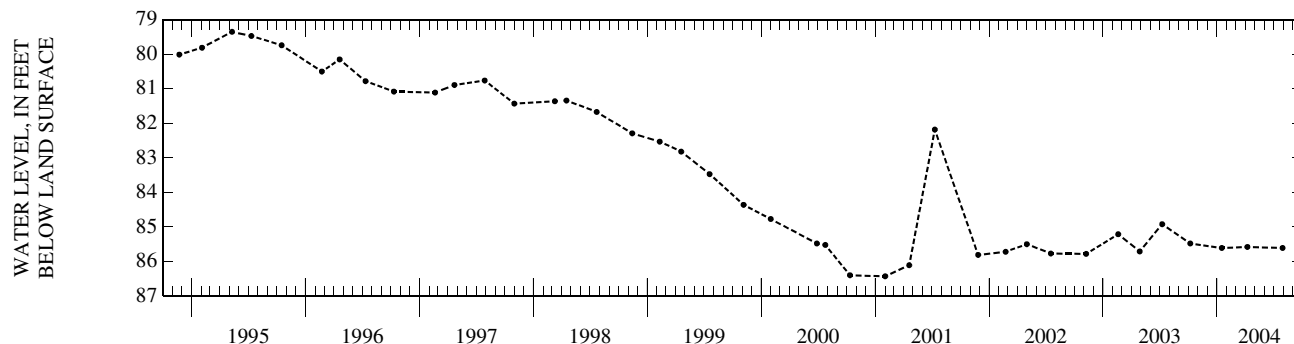
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top edge of 1/2-in. hole in cover, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.76 ft below land-surface datum, May 16, 1961; lowest recorded, 88.69 ft below land-surface datum, Sep. 15, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	85.48	JAN 16	85.61	APR 07	85.58	JUL 29	85.61
WATER YEAR 2004 HIGHEST		85.48	OCT 07, 2003 LOWEST		85.61	JAN 16, 2004 JUL 29, 2004	



EAST FELICIANA PARISH—Continued

LOCAL NUMBER.--EF-185, Site ID 304959091093001.

LOCATION.--Lat 30° 49' 59", long 91° 09' 30", Hydrologic Unit 08070201, Sec. 45, T. 2S, R. 1E.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 1,514 ft, screened 1,469-1,514 ft, casing diameter 14 to 12 to 10 in.

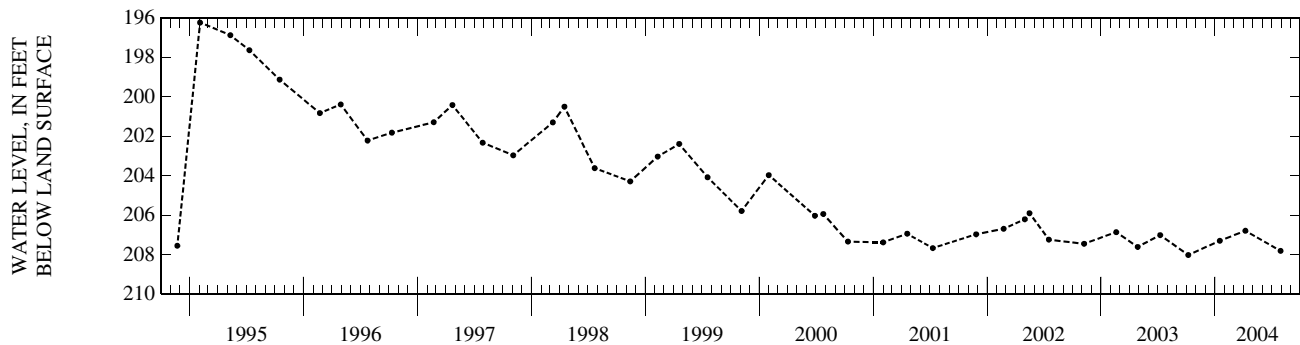
DATUM.--Elevation of land surface datum is 228 ft above NGVD of 1929. Measuring point: Lower edge of 1-in. access pipe, 1.48 ft above land-surface datum.

PERIOD OF RECORD.--1961-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 118.54 ft below land-surface datum, May 16, 1961; lowest recorded, 216.95 ft below land-surface datum, Feb. 19, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	208.01	JAN 16	207.29	APR 07	206.78	JUL 29	207.80
WATER YEAR 2004		HIGHEST	206.78	APR 07, 2004	LOWEST	208.01	OCT 07, 2003



LOCAL NUMBER.--EF-223 Site ID 304309091083201.

LOCATION.--Hydrologic Unit 08070202.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,000 ft, screened 1,935-2,000 ft, casing diameter 10 to 6 in.

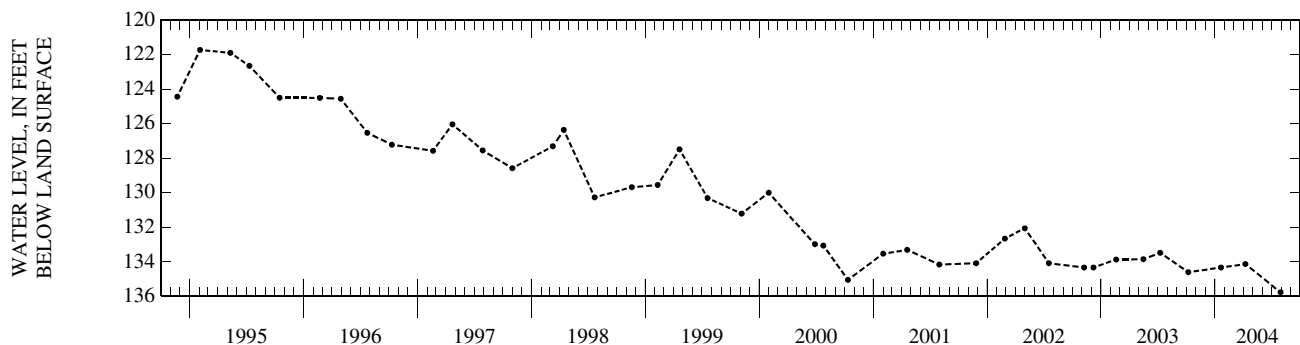
DATUM.--Elevation of land surface datum is 135 ft above NGVD of 1929. Measuring point: Top of galvanized tee, 2.63 ft above land-surface datum.

PERIOD OF RECORD.--1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.19 ft below land-surface datum, Aug. 6, 1964; lowest recorded, 141.72 ft below land-surface datum, Feb. 11, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	134.60	JAN 20	134.33	APR 07	134.13	JUL 29	135.77
WATER YEAR 2004		HIGHEST	134.13	APR 07, 2004	LOWEST	135.77	JUL 29, 2004



EVANGELINE PARISH

LOCAL NUMBER.--Ev-229, Site ID 304120092263001.

LOCATION.--Lat 30° 41' 20", long 92° 26' 30", Hydrologic Unit 08080201, Sec. 25, T. 4S, R. 1W.

AQUIFER.--Chicot aquifer, undifferentiated of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 231 ft, screened 149-231 ft, casing diameter 18 to 12 in.

DATUM.--Elevation of land surface datum is 65.66 ft above NGVD of 1929. Measuring point: Hole in floor, marked with black ink, 1.8 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site.

REMARKS.--No stage recorded for Oct. 18, due to recorder malfunction.

PERIOD OF RECORD.--1948 to current year.

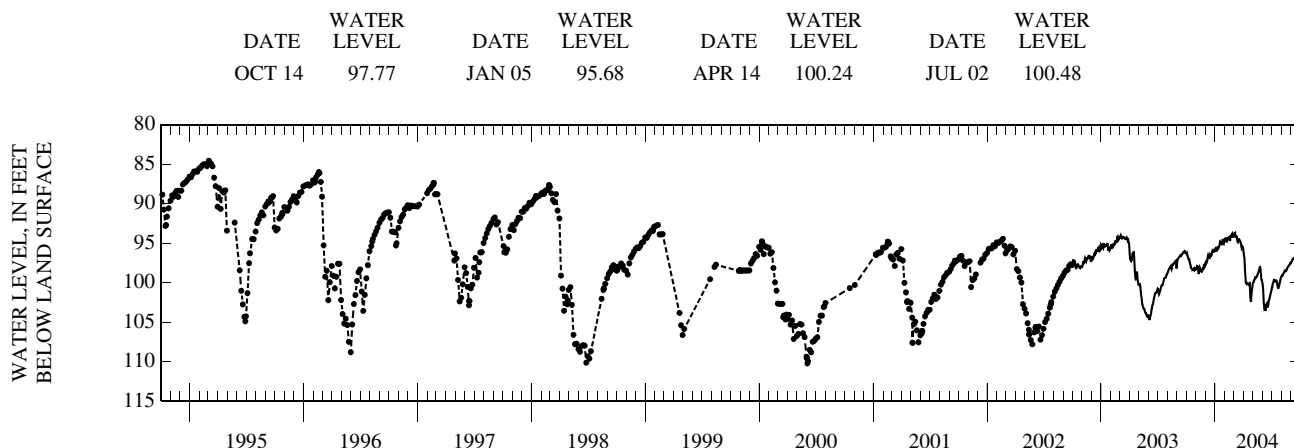
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.52 ft below land-surface datum, Apr. 18, 1951; lowest recorded, 110.24 ft below land-surface datum, June 3, 2000.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 93.60 ft below land-surface datum, Mar. 4; lowest recorded, 103.71 ft below land-surface datum, June 10.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96.30	98.35	97.77	95.90	94.49	93.89	96.03	100.07	100.13	100.65	99.26	97.45
2	96.34	98.25	97.65	95.75	94.60	93.97	96.39	100.04	100.44	100.45	99.12	97.34
3	96.30	98.08	97.32	95.63	94.78	93.94	96.67	99.96	100.92	100.23	99.10	97.28
4	96.47	97.90	97.26	95.50	94.55	93.76	96.89	99.78	101.70	100.11	99.12	97.26
5	96.65	97.92	97.32	95.67	94.32	93.70	97.68	99.70	102.61	100.05	99.02	97.14
6	96.78	97.99	97.35	95.96	94.57	94.19	98.65	99.66	102.98	99.94	98.92	96.99
7	96.91	98.04	97.13	95.93	94.80	94.16	99.14	99.56	103.36	99.75	98.82	96.95
8	97.05	98.43	96.86	95.59	94.81	94.24	99.85	99.41	103.31	99.65	98.77	96.97
9	97.10	98.91	96.63	95.58	94.59	94.05	100.15	99.33	103.14	99.67	98.73	96.98
10	97.07	98.33	96.72	95.72	94.49	94.16	99.99	99.34	103.61	99.75	98.61	96.98
11	97.28	98.15	96.79	95.71	94.29	94.25	100.14	99.39	103.01	99.80	98.47	96.91
12	97.54	98.07	96.67	95.62	94.44	94.54	100.08	99.35	102.87	99.85	98.48	96.83
13	97.63	98.29	96.48	95.53	94.47	94.85	100.19	99.30	102.85	99.84	98.56	96.73
14	97.78	98.40	96.61	95.35	94.16	94.89	100.20	99.21	102.74	99.79	98.57	96.63
15	98.10	98.37	96.45	95.24	94.29	94.68	100.20	99.12	102.67	99.72	98.55	96.47
16	98.13	98.53	96.47	95.10	94.47	94.54	100.24	99.00	102.87	99.77	98.50	96.39
17	98.08	98.55	96.64	94.79	94.56	94.50	100.28	98.89	103.06	99.93	98.39	96.50
18	---	98.35	96.53	94.82	94.58	94.52	100.25	98.78	103.07	100.24	98.26	96.53
19	98.20	98.62	96.57	95.08	94.21	94.70	100.27	98.65	102.92	100.44	98.21	96.50
20	98.40	98.59	96.53	95.15	94.01	94.70	100.07	98.59	102.69	100.59	98.14	96.46
21	98.39	98.43	96.44	95.17	94.18	94.73	100.05	98.44	102.36	100.68	98.07	96.48
22	98.26	98.26	96.18	95.16	94.16	94.85	100.80	98.21	102.17	100.68	97.98	96.47
23	98.24	98.11	96.03	95.10	93.95	94.99	101.84	98.06	102.09	100.54	97.90	96.40
24	98.35	98.31	96.13	94.80	93.82	95.10	102.27	98.05	101.88	100.39	97.86	96.42
25	98.43	98.04	96.15	94.50	93.78	95.41	102.45	98.23	101.69	100.23	97.83	96.39
26	98.48	97.78	96.13	94.59	94.04	95.68	101.70	98.70	101.52	100.07	97.77	96.29
27	98.35	97.67	95.99	94.98	94.20	95.62	101.34	99.10	101.36	99.92	97.72	96.22
28	98.19	98.03	95.84	95.04	94.17	95.54	100.95	99.52	101.21	99.73	97.59	96.24
29	98.22	97.95	95.83	94.75	93.95	95.59	100.61	99.71	101.02	99.52	97.47	96.21
30	98.26	97.74	96.01	94.59	---	95.58	100.33	99.73	100.83	99.38	97.48	96.18
31	98.35	---	95.97	94.56	---	95.75	---	99.91	---	99.31	97.51	---
MAX	---	98.91	97.77	95.96	94.81	95.75	102.45	100.07	103.61	100.68	99.26	97.45
MIN	---	97.67	95.83	94.50	93.78	93.70	96.03	98.05	100.13	99.31	97.47	96.18

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004



EVANGELINE PARISH—Continued

LOCAL NUMBER.--Ev-425, Site ID 303251092321401.

LOCATION.--Hydrologic Unit 08080201.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 738 ft, screened 667-738 ft, casing diameter 12 3/4 in.

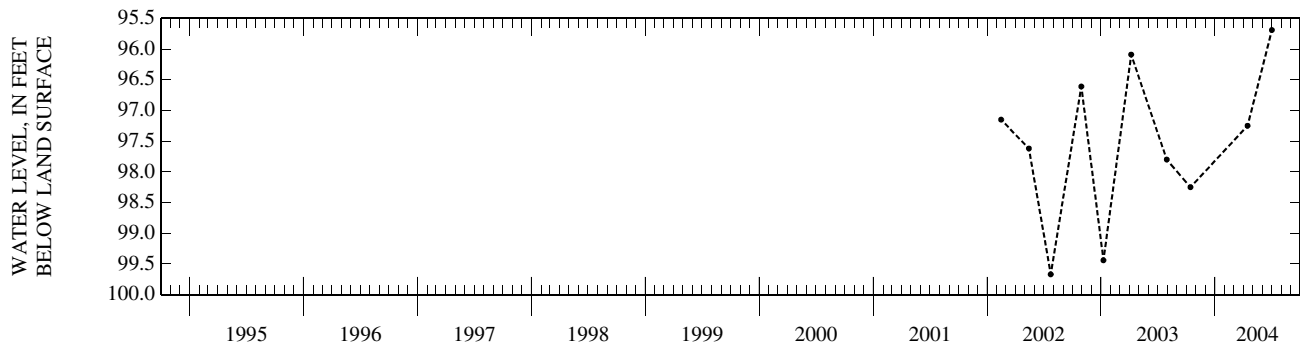
DATUM.--Elevation of land surface datum is 41.0 ft above NGVD of 1929. Measuring point: Access pipe on north side of well, 1.95 ft above land-surface datum.

PERIOD OF RECORD.--1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.4 ft below land-surface datum (reported), Oct. 16, 1991; lowest recorded, 99.67 ft below land-surface datum, July 23, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	98.25	APR 14	97.25	JUL 01	95.69
WATER YEAR 2004 HIGHEST 95.69 JUL 01, 2004 LOWEST 98.25 OCT 14, 2003					



LOCAL NUMBER.--Ev-474 Site ID 303257092321501.

LOCATION.--Hydrologic Unit 08080201.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 750 ft, screened 689-750 ft, casing diameter 12 in.

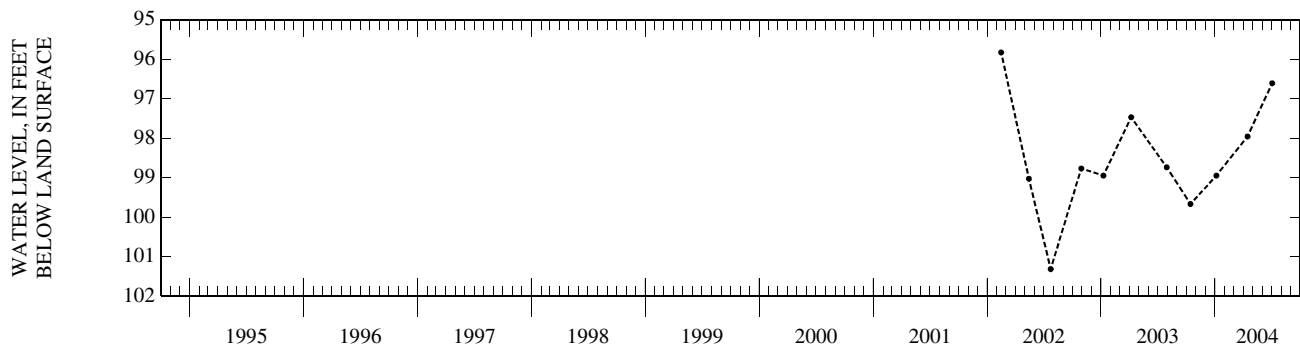
DATUM.--Elevation of land surface datum is 40.0 ft above NGVD of 1929. Measuring point: Bottom lip of access pipe on west side, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.20 ft below land-surface datum, Apr. 24, 1991; lowest recorded, 101.32 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	99.67	JAN 05	98.95	APR 14	97.96	JUL 02	96.61
WATER YEAR 2004 HIGHEST 96.61 JUL 02, 2004 LOWEST 99.67 OCT 14, 2003							



GROUND-WATER LEVELS
EVANGELINE PARISH—Continued

LOCAL NUMBER.--Ev-500, Site ID 305130092263601.

LOCATION.--Lat 30° 51'30", long 92° 26'36", Hydrologic Unit 08080201, Sec. 26, T.2S, R.1W.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 120 ft, screened 114-120 ft, casing diameter 4 in.

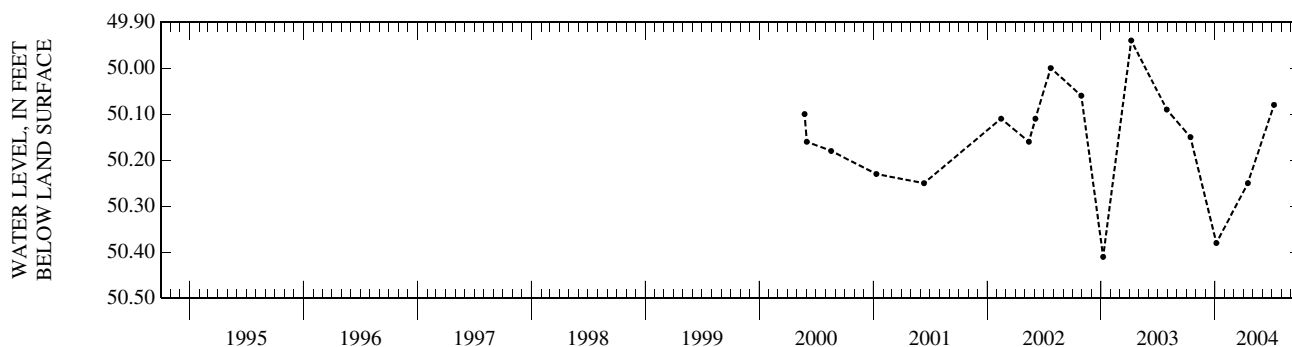
DATUM.--Elevation of land surface datum is 117.52 ft above NGVD of 1929. Measuring point: Lip of 4-in. casing, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--1953-72, 1974-79, 1981, 1983, 1985, 1991, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.18 ft below land-surface datum, Oct. 31, 1953; lowest recorded, 50.41 ft below land-surface datum, Jan. 7, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	50.15	JAN 05	50.38	APR 15	50.25	JUL 08	50.08
WATER YEAR 2004		HIGHEST	50.08	JUL 08, 2004	LOWEST	50.38	JAN 05, 2004



LOCAL NUMBER.--Ev-691, Site ID 305049092164102.

LOCATION.--Hydrologic Unit 08080201.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 375 ft, screened 365-375 ft, casing diameter 2 in.

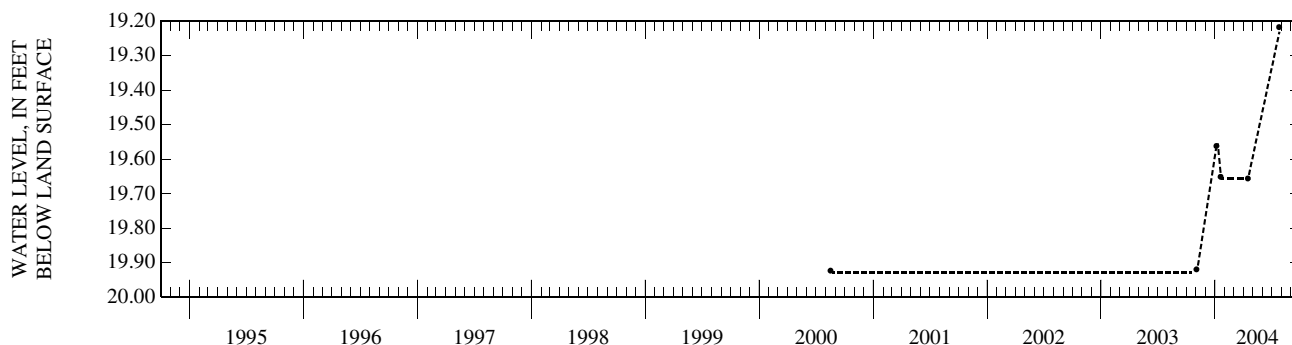
DATUM.--Elevation of land surface datum is 50.0 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1967-69, 1972-79, 1981-1983, 1985, 1991, 2000, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.65 ft below land-surface datum, Mar. 3, 1976; lowest recorded, 19.90 ft below land-surface datum, Aug. 16, 2000, Oct. 14, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	19.90	JAN 05	19.51	JAN 08	19.58	APR 15	19.58	JUL 08	19.19
WATER YEAR 2004		HIGHEST	19.19	JUL 08, 2004	LOWEST	19.90	OCT 14, 2003		



FRANKLIN PARISH

LOCAL NUMBER.--Fr-721, Site ID 320958091425501.

LOCATION.--Lat 32° 09'58", long 91° 42'55", Hydrologic Unit 08050001, Sec. 25, T.14N, R. 7E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 77 ft, screened 72-77 ft, casing diameter 4 in.

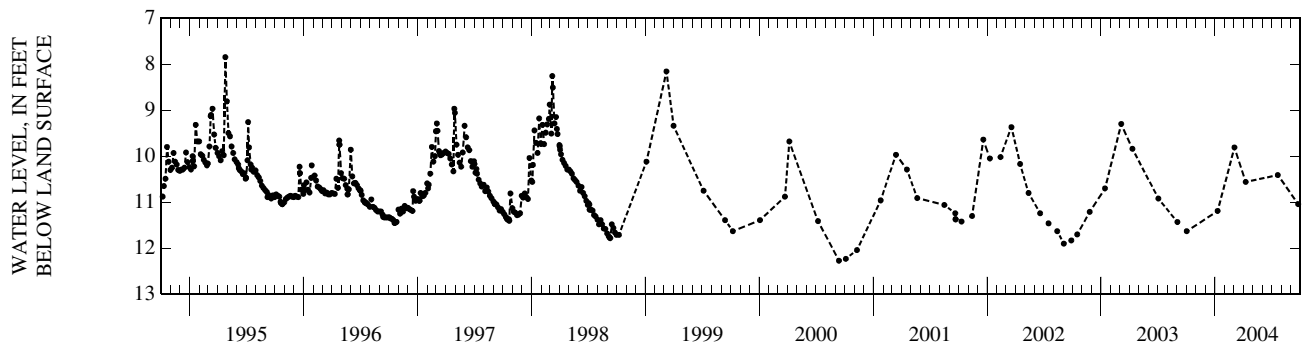
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.16 ft below land-surface datum, May 9, 1991; lowest recorded, 12.27 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	11.63	JAN 09	11.19	MAR 03	9.81	APR 08	10.56	JUL 20	10.41	SEP 23	11.04
WATER YEAR 2004		HIGHEST	9.81	MAR 03, 2004	LOWEST	11.63	OCT 02, 2003				



LOCAL NUMBER.--Fr-1092, Site ID 315716091493001.

LOCATION.--Lat 31° 57'16", long 91° 49'30", Hydrologic Unit 08050001, Sec. 11, T.11N, R. 6E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 80 ft, screened 60-80 ft, casing diameter 10 in.

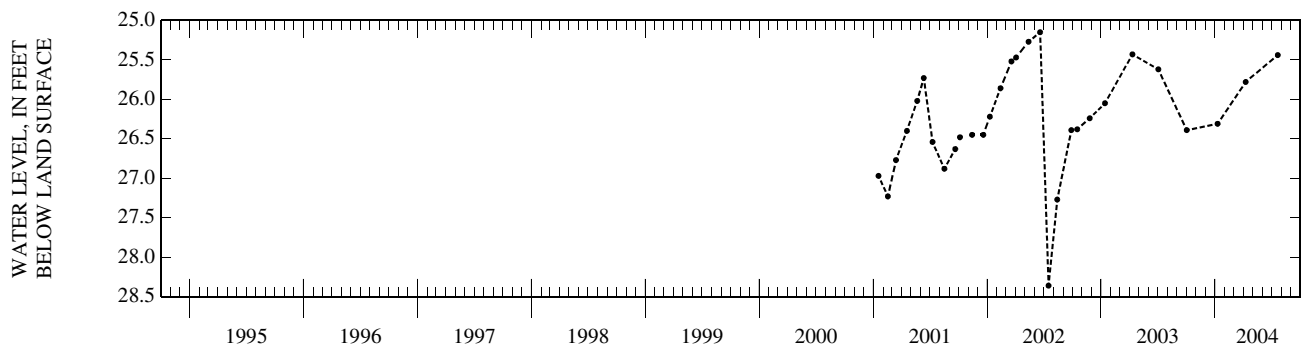
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Hole in top of metal plate, where wires enter well, on northwest side of well, 0.10 ft above land-surface datum.

PERIOD OF RECORD.--1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.00 ft below land-surface datum (reported), June 12, 1992; lowest recorded, 28.36 ft below land-surface datum, July 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	26.39	JAN 09	26.31	APR 08	25.78	JUL 20	25.44
WATER YEAR 2004		HIGHEST	25.44	JUL 20, 2004	LOWEST	26.39	OCT 02, 2003



GRANT PARISH

LOCAL NUMBER.--G-127B, Site ID 312703092224801.

LOCATION.--Lat 31° 27'03", long 92° 22'48", Hydrologic Unit 08040304, Sec. 32, T. 6N, R. 1E.

AQUIFER.--Williana-Bentley aquifer of Pleistocene age (112WLBN).

WELL CHARACTERISTICS.--Depth 97 ft, screened 93-97 ft, casing diameter 1 1/4 in.

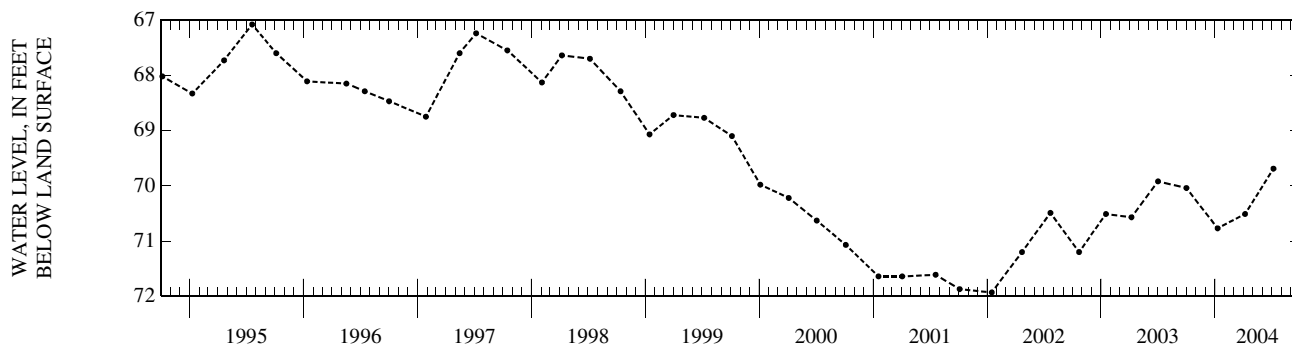
DATUM.--Elevation of land surface datum is 231.36 ft above NGVD of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.31 ft below land-surface datum, July 23, 1980; lowest recorded, 72.43 ft below land-surface datum, Jan. 25, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	70.04	JAN 09	70.77	APR 06	70.51	JUL 06	69.69
WATER YEAR 2004		HIGHEST	69.69 JUL 06, 2004	LOWEST	70.77 JAN 09, 2004		



LOCAL NUMBER.--G-410, Site ID 313100092300403.

LOCATION.--Hydrologic Unit 11140207.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 160 ft, screened 148-160 ft, casing diameter 10 3/4 to 6 5/8 in.

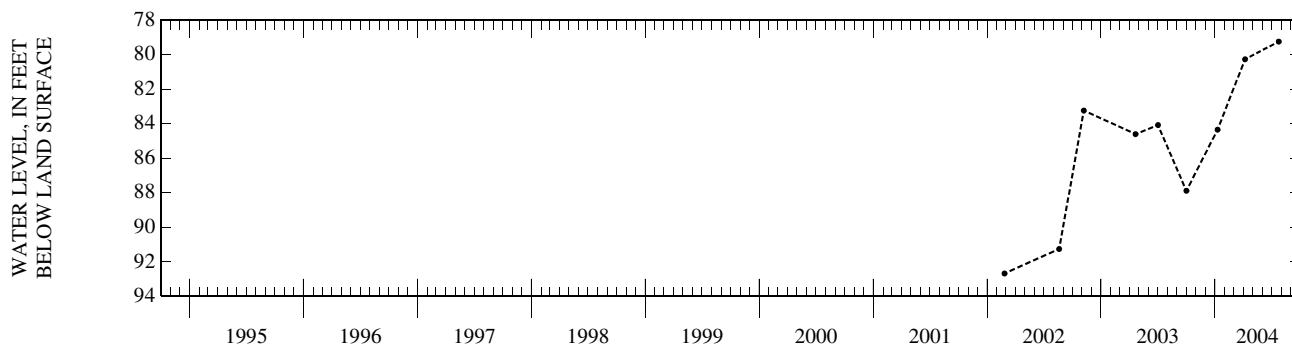
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: Top edge of vent pipe, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1981, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 62.00 ft below land-surface datum, June 30, 1981; lowest recorded, 92.68 ft below land-surface datum, Feb. 25, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	87.89	JAN 09	84.35	APR 06	80.27	JUL 23	79.25
WATER YEAR 2004		HIGHEST	79.25 JUL 23, 2004	LOWEST	87.89 OCT 01, 2003		



GRANT PARISH—Continued

LOCAL NUMBER.--G-448, Site ID 313234092435601.

LOCATION.--Lat 31° 32' 34", long 92° 43' 56", Hydrologic Unit 11140207, Sec. 36, T. 7N, R. 4W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 74 ft, screened 71-74 ft, casing diameter 1 1/4 in.

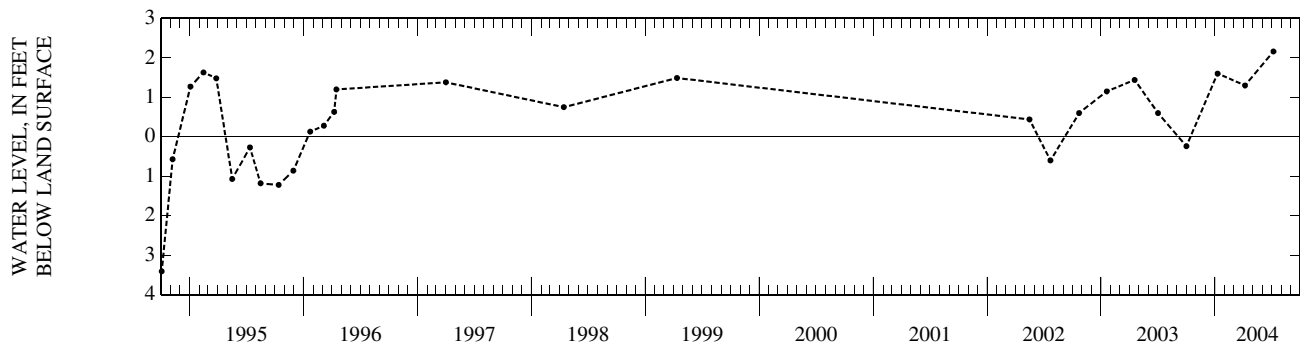
DATUM.--Elevation of land surface datum is 90 ft above NGVD of 1929. Measuring point: Top of bushing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1988-99, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.60 ft above land-surface datum, July 6, 2004; lowest recorded, 19.87 ft below land-surface datum, Oct. 25, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	.24	JAN 09	+1.60	APR 06	+1.30	JUL 06	+2.16
WATER YEAR 2004 HIGHEST +2.16		JUL 06, 2004 LOWEST .24		OCT 01, 2003			



LOCAL NUMBER.--G-461, Site ID 312842092275403.

LOCATION.--Hydrologic Unit 08040304.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 190 ft, screened 135-190 ft, casing diameter 12 to 8 in.

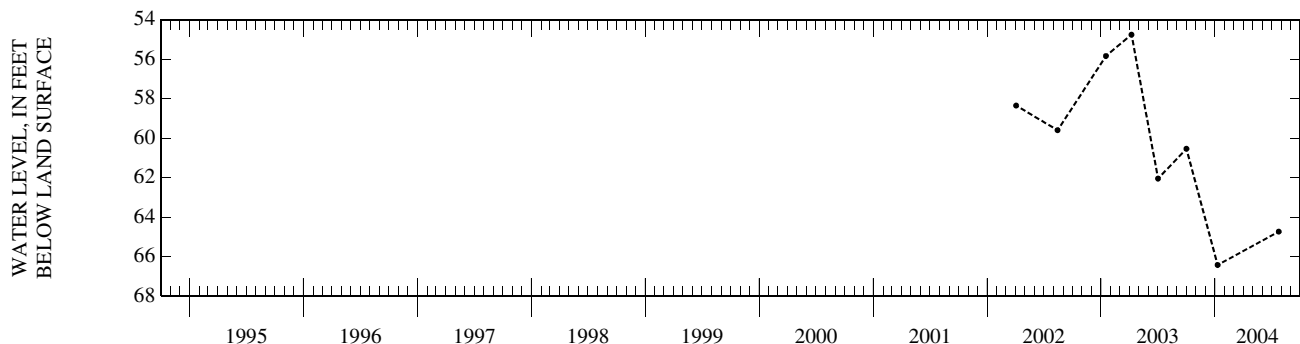
DATUM.--Elevation of land surface datum is 200 ft above NGVD of 1929. Measuring point: Bottom of lip of 2-in. coupling on east side of casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.0 ft above land-surface datum (reported), Aug. 13, 1991; lowest recorded, 66.43 ft below land-surface datum, Jan. 9, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	60.54	JAN 09	66.43	JUL 23	64.74
WATER YEAR 2004 HIGHEST 60.54		OCT 01, 2003 LOWEST 66.43		JAN 09, 2004	



IBERIA PARISH

LOCAL NUMBER.--I-93, Site ID 300035091443301.

LOCATION.--Lat 30° 00'35", long 91° 44'33", Hydrologic Unit 08080102, Sec. 5, T. 12S, R. 7E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 585 ft, screened 580-585 ft, casing diameter 2 in.

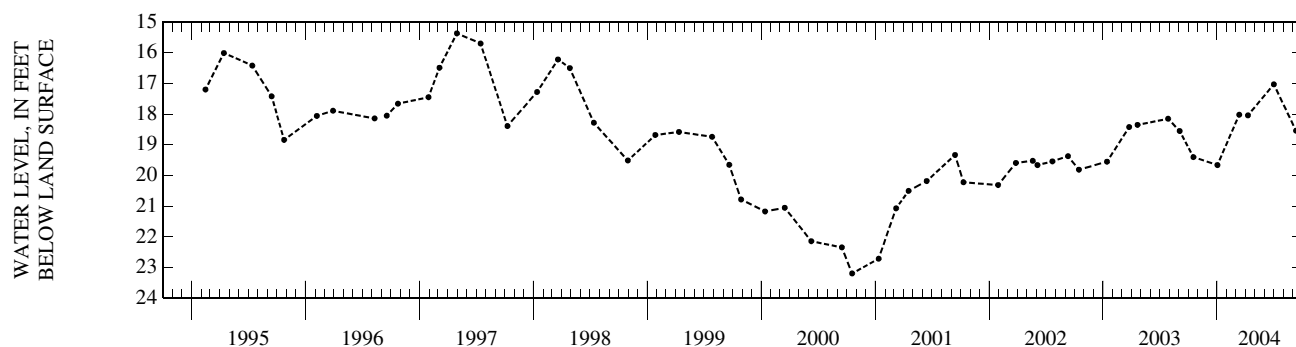
DATUM.--Elevation of land surface datum is 18.53 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-83, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.55 ft below land-surface datum, Dec. 7, 1993; lowest recorded, 23.19 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	19.40	JAN 02	19.66	MAR 12	18.02	APR 09	18.04	JUL 01	17.03	SEP 10	18.54
WATER YEAR 2004		HIGHEST	17.03 JUL 01, 2004	LOWEST	19.66 JAN 02, 2004						



IBERVILLE PARISH

LOCAL NUMBER.--Ib-106, Site ID 301227091101301.

LOCATION.--Lat 30° 12'27", long 91° 10'13", Hydrologic Unit 08070300, Sec. 37, T.10S, R.13E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 608 ft, screened 588-608 ft, casing diameter 3 in.

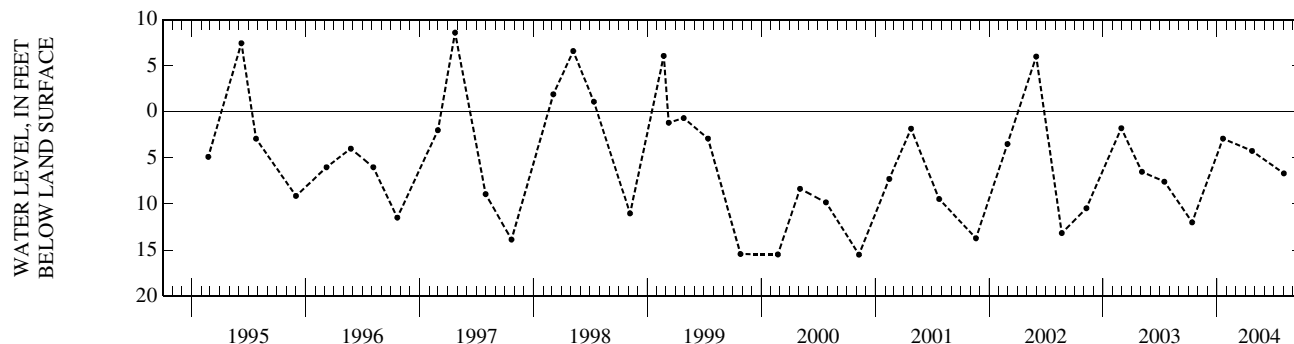
DATUM.--Elevation of land surface datum is 18.94 ft above NGVD of 1929. Measuring point: Top edge of 1/2-in. valve, at land-surface datum.

PERIOD OF RECORD.--1956-60, 1964, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.6 ft above land-surface datum, Apr. 24, 1997; lowest recorded, 15.51 ft below land-surface datum, Nov. 9, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	12.00	JAN 20	2.91	APR 22	4.25	AUG 02	6.69
WATER YEAR 2004		HIGHEST	2.91 JAN 20, 2004	LOWEST	12.00 OCT 13, 2003		



JACKSON PARISH

LOCAL NUMBER.--Ja-49, Site ID 321709092452401.

LOCATION.--Lat 32° 17'09", long 92° 45'24", Hydrologic Unit 08040303, Sec. 15, T.15N, R. 4W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 570 ft, screened 542-570 ft, casing diameter 12 to 8 in.

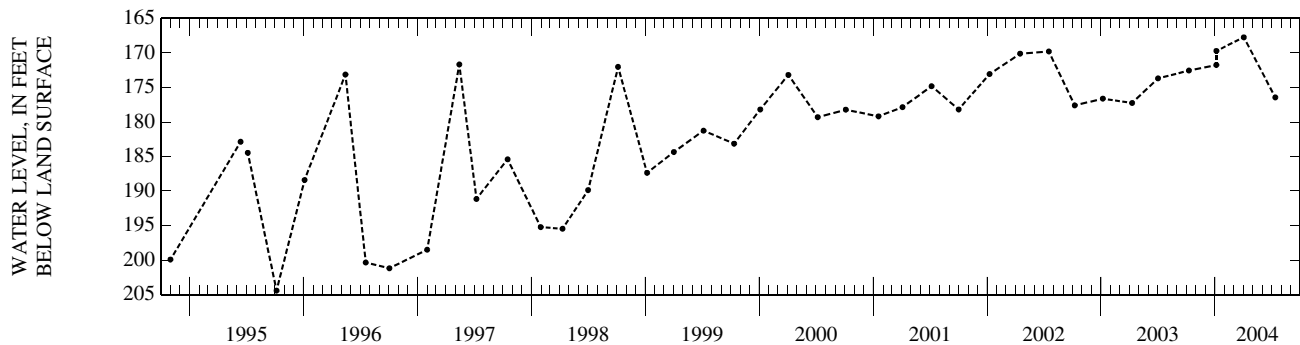
DATUM.--Elevation of land surface datum is 160.0 ft above NGVD of 1929. Measuring point: File mark on north side of top of casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 114.16 ft below land-surface datum, Jan. 2, 1961; lowest recorded, 204.42 ft below land-surface datum, Oct. 6, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	172.55	JAN 05	171.75	JAN 05	169.72	APR 02	167.75	JUL 12	176.45
WATER YEAR 2004		HIGHEST	167.75	APR 02, 2004	LOWEST	176.45	JUL 12, 2004		



LOCAL NUMBER.--Ja-147, Site ID 322357092341701.

LOCATION.--Lat 32° 23'57", long 92° 34'17", Hydrologic Unit 08040302, Sec. 4, T.16N, R. 2W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 703 ft, screened 693-703 ft, casing diameter 2 in.

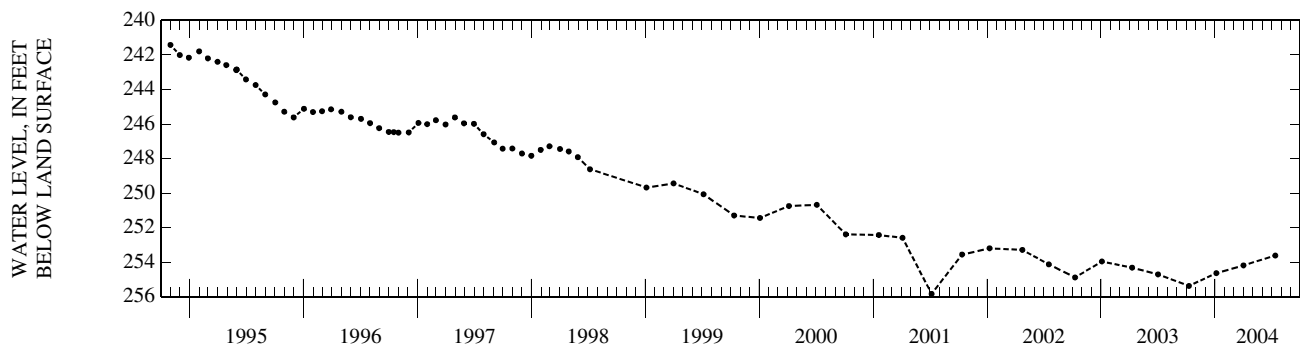
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: File mark on top of bushing, 3.18 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 209.06 ft below land-surface datum, May 14, 1975; lowest recorded, 255.84 ft below land-surface datum, July 6, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	255.38	JAN 05	254.64	APR 01	254.19	JUL 12	253.62
WATER YEAR 2004		HIGHEST	253.62	JUL 12, 2004	LOWEST	255.38	OCT 09, 2003



JACKSON PARISH—Continued

LOCAL NUMBER.--Ja-148, Site ID 321338092345801.

LOCATION.--Lat 32° 13'38", long 92° 34'58", Hydrologic Unit 08040303, Sec. 4, T.14N, R. 2W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 578 ft, screened 568-578 ft, casing diameter 2 in.

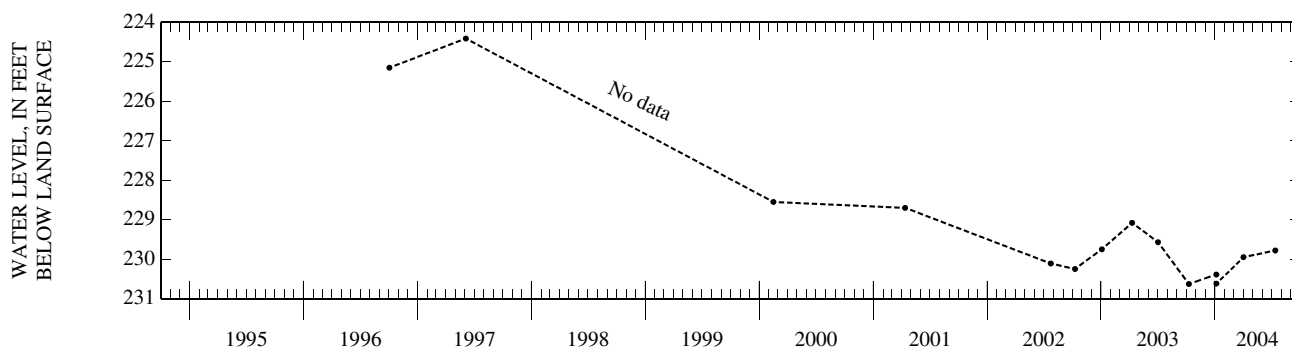
DATUM.--Elevation of land surface datum is 245 ft above NGVD of 1929. Measuring point: Two file marks on east side of top of bell reducer, 3.3 ft above land-surface datum.

PERIOD OF RECORD.--1975-87, 1989-90, 1993, 1996-97, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 206.58 ft below land-surface datum, Apr. 7, 1976; lowest recorded, 230.63 ft below land-surface datum, Oct. 9, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	230.63	JAN 05	230.39	JAN 05	230.62	APR 01	229.95	JUL 12	229.78
WATER YEAR 2004		HIGHEST	229.78	JUL 12, 2004	LOWEST	230.63	OCT 09, 2003		



LOCAL NUMBER.--Ja-149, Site ID 322433092412101.

LOCATION.--Lat 32° 24'33", long 92° 41'21", Hydrologic Unit 08040303, Sec. 4, T.16N, R. 3W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 478 ft, screened 468-478 ft, casing diameter 2 in.

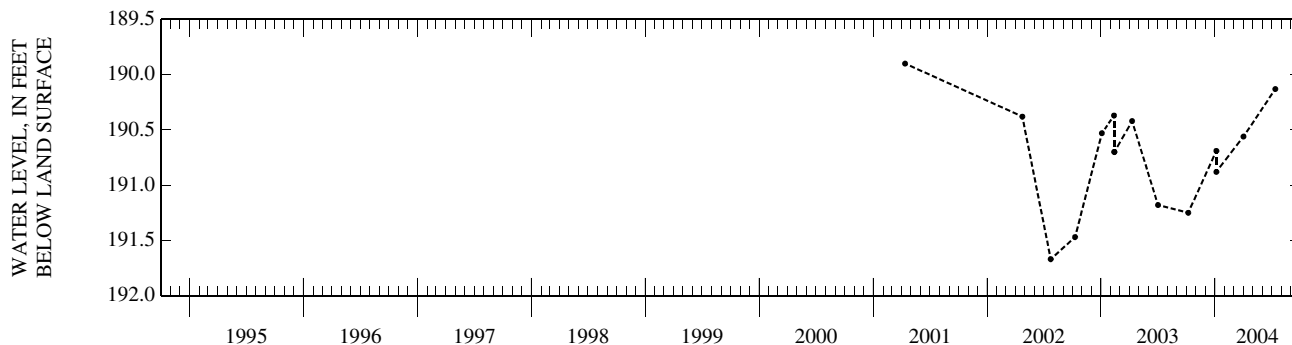
DATUM.--Elevation of land surface datum is 195 ft above NGVD of 1929. Measuring point: Top of casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1975-87, 1989-90, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 154.78 ft below land-surface datum, May 13, 1975; lowest recorded, 191.67 ft below land-surface datum, July 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	191.25	JAN 05	190.69	JAN 05	190.88	APR 01	190.56	JUL 12	190.13
WATER YEAR 2004		HIGHEST	190.13	JUL 12, 2004	LOWEST	191.25	OCT 07, 2003		



JEFFERSON PARISH

LOCAL NUMBER.--Jf-156, Site ID 295739090094601.

LOCATION.--Lat 29° 57'39", long 90° 09'46", Hydrologic Unit 08090203, Sec. 46, T.12S, R.10E.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 780 ft, screened 660-780 ft, casing diameter 6 to 4 in.

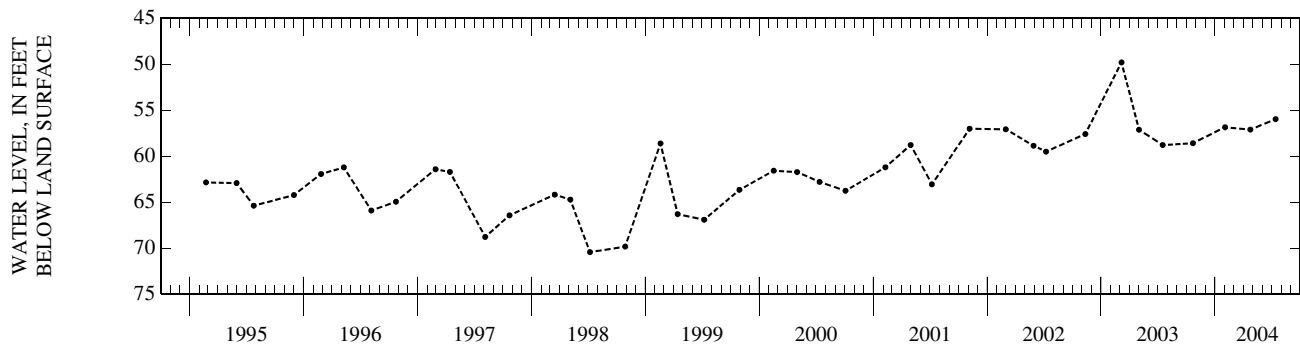
DATUM.--Elevation of land surface datum is 9 ft above NGVD of 1929. Measuring point: Top of 4-in. plastic lining, 2.05 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 49.82 ft below land-surface datum, Mar. 7, 2003; lowest recorded, 94.34 ft below land-surface datum, Nov. 11, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	58.59	FEB 02	56.86	APR 23	57.12	JUL 13	55.98
WATER YEAR 2004		HIGHEST	55.98	JUL 13, 2004	LOWEST	58.59	OCT 22, 2003



LOCAL NUMBER.--Jf-178, Site ID 300222090144601.

LOCATION.--Lat 30° 02'22", long 90° 14'46", Hydrologic Unit 08090203, Sec. 37, T.12S, R. 9E.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 700 ft, screened 660-700 ft, casing diameter 12 to 6 to 4 in.

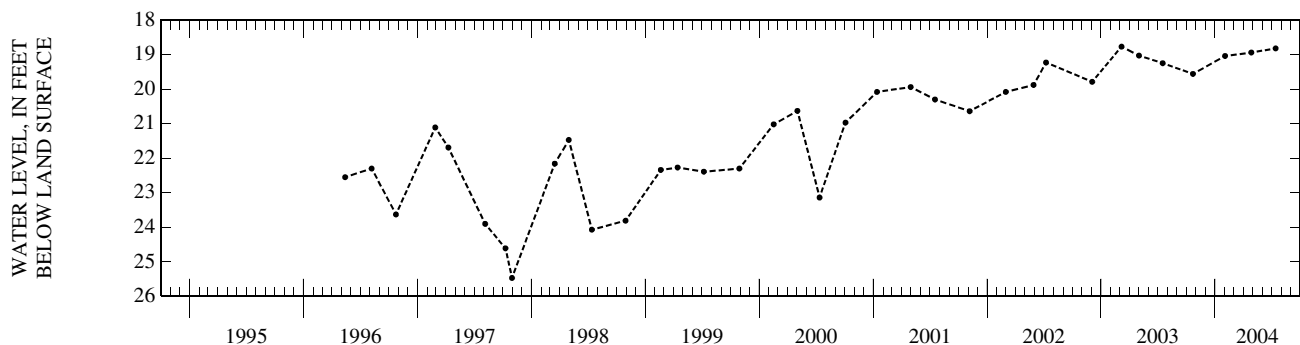
DATUM.--Elevation of land surface datum is at NGVD of 1929. Measuring point: Top of 1/2-in. pvc pipe in sanitary seal, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1984, 1987, 1993, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 18.77 ft below land-surface datum, Mar. 7, 2003; lowest recorded, 35.00 ft below land-surface datum (reported), May 31, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	19.56	FEB 02	19.04	APR 26	18.94	JUL 13	18.82
WATER YEAR 2004		HIGHEST	18.82	JUL 13, 2004	LOWEST	19.56	OCT 22, 2003



GROUND-WATER LEVELS

JEFFERSON PARISH—Continued

LOCAL NUMBER.--Jf-186, Site ID 300223090144601.

LOCATION.--Lat 30° 02'23", long 90° 14'46", Hydrologic Unit 08090203, Sec. 37, T. 12S, R. 9E.

AQUIFER.--Norco aquifer of Pleistocene age (112NORC).

WELL CHARACTERISTICS.--Depth 325 ft, screened 315-325 ft, casing diameter 4 to 2 in.

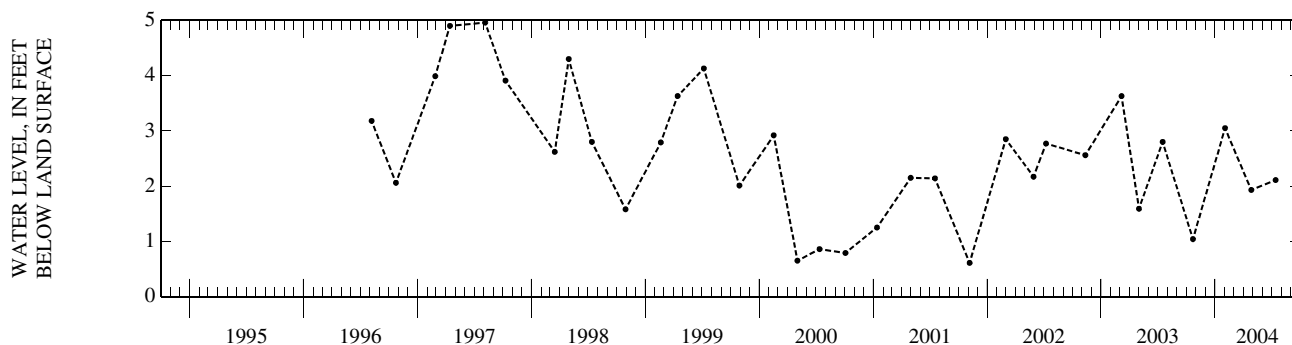
DATUM.--Elevation of land surface datum is 5 ft below NGVD of 1929. Measuring point: Top of 2-in. casing, 6.1 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.96 ft above land-surface datum, Aug. 5, 1997; lowest recorded, 1.44 ft below land-surface datum, Jan. 20, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	+1.04	FEB 02	+3.05	APR 26	+1.93	JUL 13	+2.11
WATER YEAR 2004		HIGHEST	+3.05 FEB 02, 2004	LOWEST	+1.04	OCT 22, 2003	



JEFFERSON DAVIS PARISH

LOCAL NUMBER.--JD-9, Site ID 301355092463001.

LOCATION.--Lat 30° 13'55", long 92° 46'30", Hydrologic Unit 08080202, Sec. 34, T. 9S, R. 4W.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 318 ft, screened 238-318 ft, casing diameter 12 in.

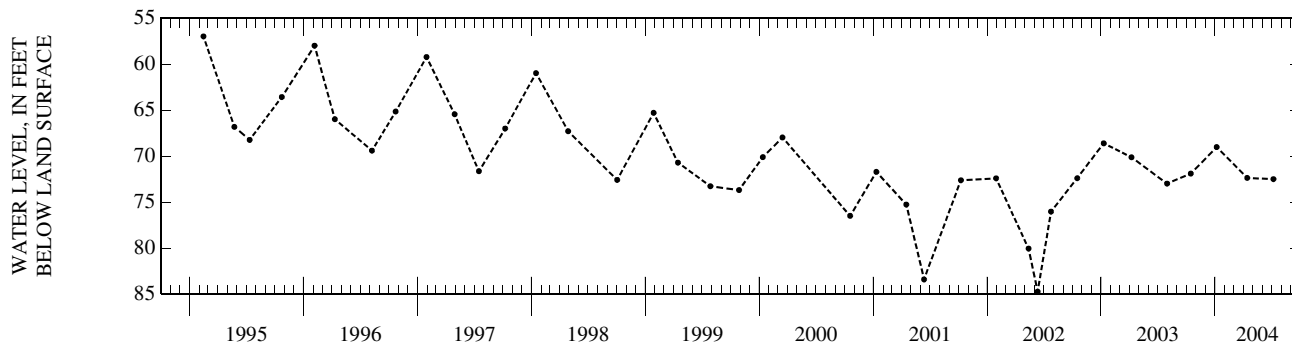
DATUM.--Elevation of land surface datum is 24.10 ft above NGVD of 1929. Measuring point: Lower edge of discharge pipe, 4.55 ft above land-surface datum.

PERIOD OF RECORD.--1938 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.52 ft below land-surface datum, Mar. 29, 1943; lowest recorded, 95.00 ft below land-surface datum, July 21, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	71.89	JAN 06	69.01	APR 13	72.36	JUL 06	72.49
WATER YEAR 2004		HIGHEST	69.01 JAN 06, 2004	LOWEST	72.49	JUL 06, 2004	



JEFFERSON DAVIS PARISH—Continued

LOCAL NUMBER.--JD-406, Site ID 302852092415001.

LOCATION.--Hydrologic Unit 08080201.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 450 ft, screened 410-450 ft, casing diameter 8 in.

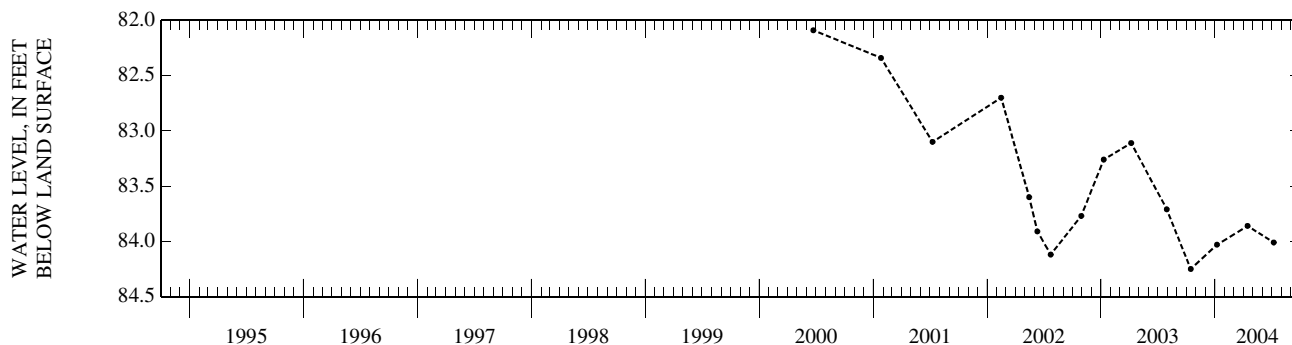
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Lower edge of 4-in. discharge line on north side of well, 3.1 ft above land-surface datum.

PERIOD OF RECORD.--1950, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 55.00 ft below land-surface datum (reported), Feb. 24, 1950; lowest recorded, 84.25 ft below land-surface datum, Oct. 15, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	84.25	JAN 07	84.03	APR 14	83.86	JUL 07	84.01
WATER YEAR 2004 HIGHEST		83.86	APR 14, 2004 LOWEST		84.25	OCT 15, 2003	



JEFFERSON DAVIS PARISH—Continued

LOCAL NUMBER.--JD-485A, Site ID 301300092584503.

LOCATION.--Lat 30° 13'00", long 92° 58'45", Hydrologic Unit 08080203, Sec. 4, T.10S, R. 6W.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 290 ft, screened 270-290 ft, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 21.36 ft above NGVD of 1929. Measuring point: South side of round cutaway over well, 3.0 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site.

PERIOD OF RECORD.--1977 to current year.

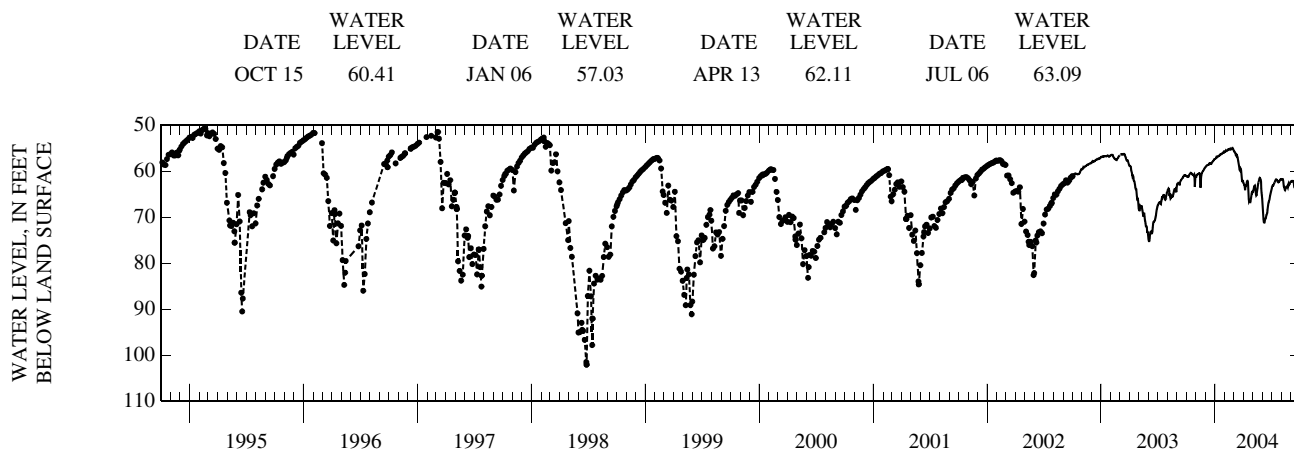
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.91 ft below land-surface datum, Apr. 7, 1992; lowest recorded, 107.41 ft below land-surface datum, July 19, 1980.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 54.96 ft below land-surface datum, Feb. 25; lowest recorded, 71.22 ft below land-surface datum, June 6.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61.08	61.39	59.15	57.35	55.80	55.58	62.51	64.51	67.14	63.62	61.83	62.26
2	61.13	61.06	59.07	57.28	55.77	55.72	62.67	64.31	68.30	63.37	61.79	62.22
3	61.19	60.85	58.95	57.21	55.77	55.76	62.92	64.04	69.43	63.16	61.73	62.19
4	61.22	60.76	58.86	57.12	55.71	55.87	62.98	63.65	70.44	63.14	61.73	62.16
5	61.25	60.72	58.80	56.96	55.54	55.97	63.46	63.38	71.05	63.13	61.74	62.13
6	61.22	60.70	58.76	57.02	55.58	56.12	64.14	63.20	71.16	63.08	61.99	62.13
7	61.13	60.68	58.73	57.00	55.62	56.53	63.46	63.15	71.17	62.94	62.69	62.23
8	61.14	60.63	58.70	56.89	55.62	56.65	63.18	63.40	70.87	62.76	63.29	62.23
9	61.03	60.60	58.66	56.84	55.57	56.40	63.13	63.92	70.49	62.60	63.39	62.40
10	60.80	60.53	58.65	56.84	55.50	56.39	62.99	64.42	70.34	62.47	63.65	63.07
11	60.69	60.45	58.63	56.82	55.31	56.51	62.62	64.99	70.27	62.29	64.03	62.93
12	60.59	60.45	58.57	56.78	55.31	56.70	62.24	65.29	69.96	62.10	64.15	62.47
13	60.49	60.51	58.40	56.74	55.34	56.95	62.13	65.18	69.60	61.92	63.98	62.32
14	60.41	61.75	58.35	56.68	55.26	57.37	62.17	64.60	69.47	61.82	63.76	62.47
15	60.39	63.61	58.27	56.62	55.25	57.80	62.37	64.14	69.28	61.86	63.55	62.83
16	60.41	63.42	58.26	56.55	55.25	58.19	63.50	63.68	68.95	61.90	63.48	63.25
17	60.47	61.40	58.34	56.39	55.24	58.63	65.05	63.15	68.47	61.93	63.46	64.35
18	60.54	60.87	58.39	56.33	55.23	59.04	66.04	62.73	67.94	62.10	63.49	64.99
19	60.61	60.64	58.44	56.37	55.18	59.51	66.69	62.44	67.42	62.18	63.45	65.14
20	60.74	60.43	58.40	56.36	55.29	59.84	66.52	62.19	66.95	62.17	63.31	65.01
21	60.84	60.23	58.28	56.31	55.29	59.95	66.57	61.92	66.65	62.24	63.48	65.02
22	60.85	60.08	58.15	56.27	55.21	59.75	66.66	61.66	66.57	62.43	63.04	64.16
23	60.86	59.96	58.01	56.26	55.10	59.50	66.71	61.45	66.31	62.40	62.83	63.76
24	60.90	59.89	57.94	56.17	55.03	59.70	66.33	61.51	65.87	62.27	63.12	63.53
25	60.85	59.78	57.86	56.05	54.97	60.45	65.92	61.70	65.41	62.22	63.00	63.34
26	60.75	59.64	57.78	56.02	55.01	61.25	65.42	61.89	65.06	62.13	62.80	63.17
27	61.46	59.47	57.69	56.05	55.11	62.14	64.92	62.37	64.76	61.98	62.77	63.02
28	63.45	59.41	57.61	56.04	55.23	62.22	64.54	63.71	64.46	61.85	62.62	62.87
29	62.20	59.32	57.47	55.97	55.40	62.19	64.49	64.71	64.16	61.78	62.41	62.71
30	60.81	59.22	57.45	55.80	---	62.15	64.67	65.30	63.88	61.80	62.29	62.61
31	61.17	---	57.41	55.83	---	62.28	---	66.01	---	61.82	62.26	---
MAX	63.45	63.61	59.15	57.35	55.80	62.28	66.71	66.01	71.17	63.62	64.15	65.14
MIN	60.39	59.22	57.41	55.80	54.97	55.58	62.13	61.45	63.88	61.78	61.73	62.13

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004



JEFFERSON DAVIS PARISH—Continued

LOCAL NUMBER.--JD-773, Site ID 301356092462701.

LOCATION.--Lat 30° 13'56", long 92° 46'27", Hydrologic Unit 08080202, Sec. 34, T. 9S, R. 4W.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).

WELL CHARACTERISTICS.--Depth 666 ft, screened 656-666 ft, casing diameter 4 to 2 in.

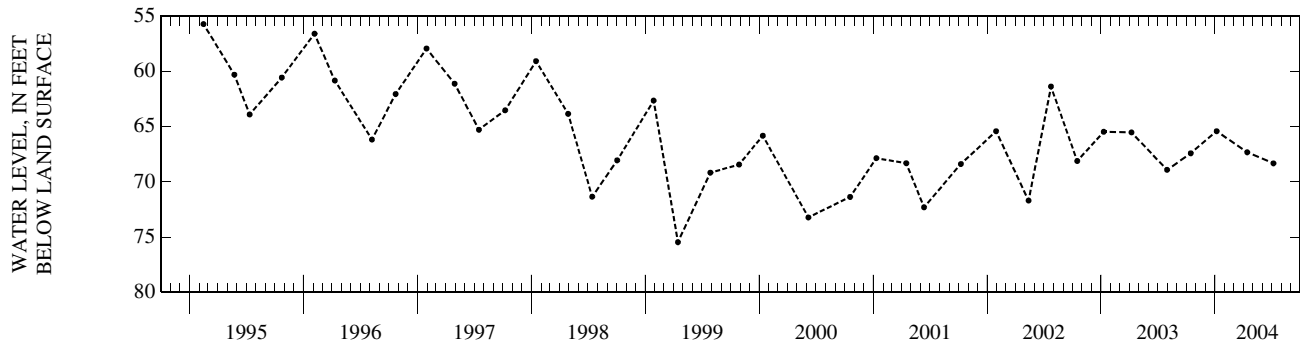
DATUM.--Elevation of land surface datum is 22 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.42 ft below land-surface datum, Apr. 4, 1990; lowest recorded, 75.47 ft below land-surface datum, Apr. 15, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	67.42	JAN 06	65.42	APR 13	67.33	JUL 06	68.33
WATER YEAR 2004		HIGHEST	65.42 JAN 06, 2004	LOWEST	68.33 JUL 06, 2004		



LAFAYETTE PARISH

LOCAL NUMBER.--Lf-662, Site ID 301426092000601.

LOCATION.--Lat 30° 14'26", long 92° 00'06", Hydrologic Unit 08080103, Sec.100, T. 9S, R. 5E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 152 ft, screened 146-152 ft, casing diameter 2 in.

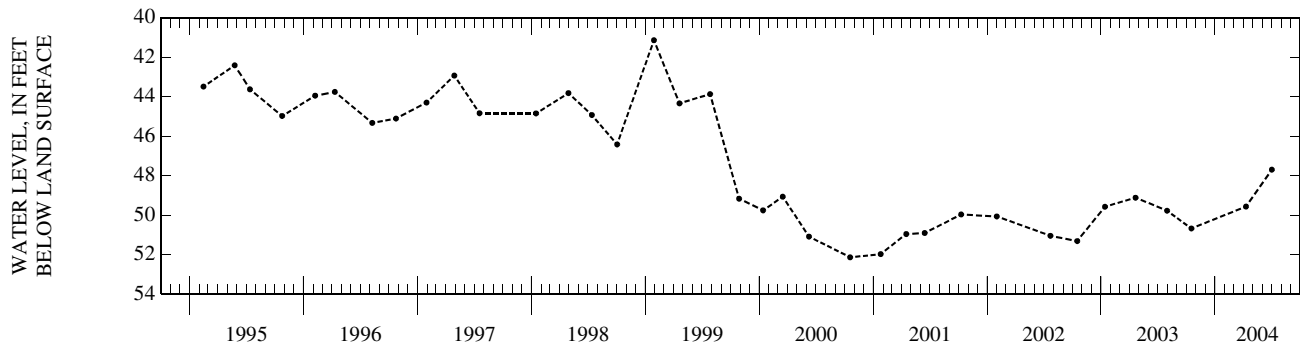
DATUM.--Elevation of land surface datum is 40.37 ft above NGVD of 1929. Measuring point: Top of 1-in. galvanized coupling, at land-surface datum.

PERIOD OF RECORD.--1981-85, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.14 ft below land-surface datum, Jan. 28, 1999; lowest recorded, 52.14 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	50.68	APR 09	49.57	JUL 01	47.70
WATER YEAR 2004		HIGHEST	47.70 JUL 01, 2004	LOWEST	50.68 OCT 17, 2003



LA SALLE PARISH

LOCAL NUMBER.--La-124, Site ID 313438092093303.

LOCATION.--Hydrologic Unit 08040304.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 365 ft, screened 315-365 ft, casing diameter 8 to 4 in.

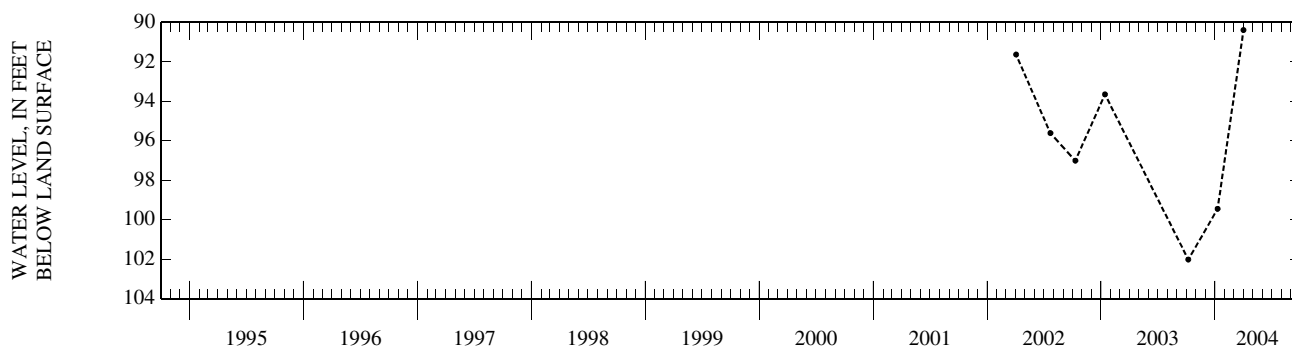
DATUM.--Elevation of land surface datum is 161 ft above NGVD of 1929. Measuring point: Edge of 1/2-in. plug hole in plate on top of casing, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--1971, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.51 ft below land-surface datum, Aug. 3, 1971; lowest recorded, 102.02 ft below land-surface datum, Oct. 7, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	102.02	JAN 09	99.45	APR 01	90.39
WATER YEAR 2004 HIGHEST 90.39 APR 01, 2004 LOWEST 102.02 OCT 07, 2003					



LOCAL NUMBER.--La-172, Site ID 314405092092001.

LOCATION.--Lat 31° 44'05", long 92° 09'20", Hydrologic Unit 08040304, Sec. 27, T. 9N, R. 3E.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 97 ft, screened 94-97 ft, casing diameter 1 1/4 in.

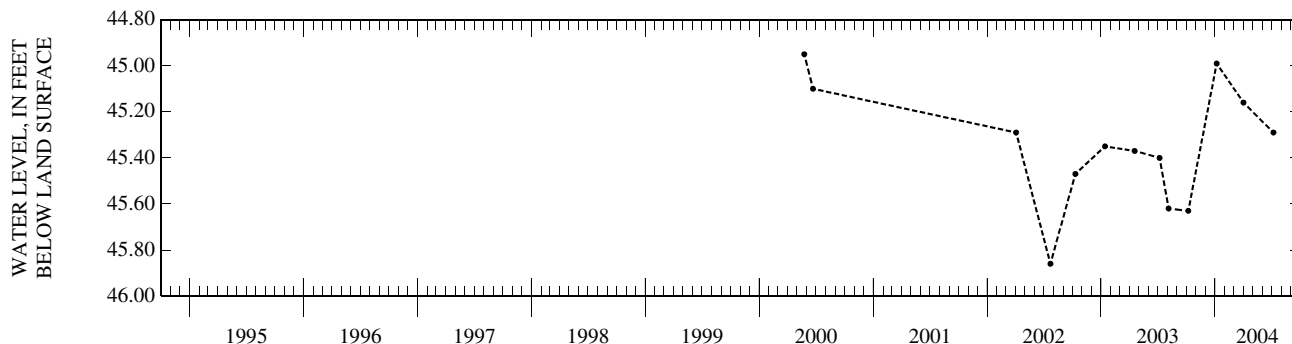
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Two file marks in top of bell reducer, 4.15 ft above land-surface datum.

PERIOD OF RECORD.-- 1971, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.95 ft below land-surface datum, May 24, 2000; lowest recorded, 45.98 ft below land-surface datum, Feb. 5, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	45.63	JAN 06	44.99	APR 01	45.16	JUL 06	45.29
WATER YEAR 2004 HIGHEST 44.99 JAN 06, 2004 LOWEST 45.63 OCT 07, 2003							



LA SALLE PARISH—Continued

LOCAL NUMBER.--La-254A, Site ID 315444092122801.

LOCATION.--Hydrologic Unit 08040302.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 510 ft, screened 450-510 ft, casing diameter 10 to 6 in.

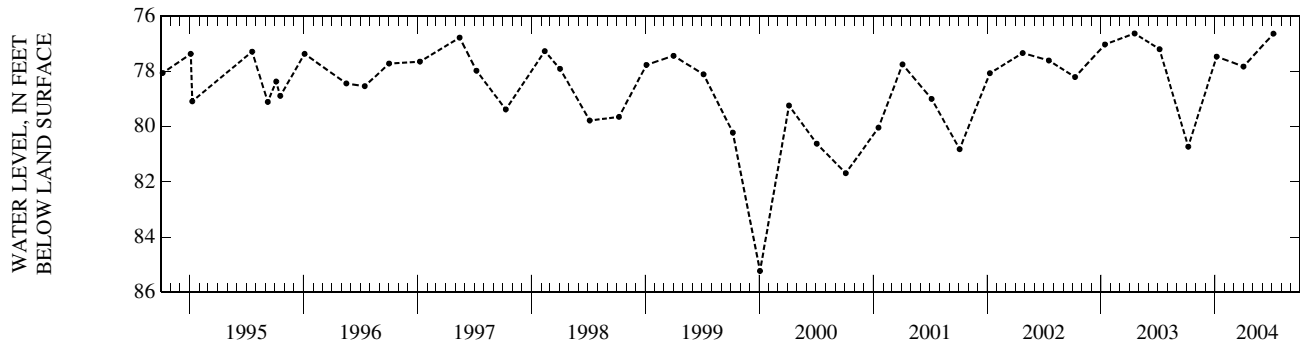
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 74.00 ft below land-surface datum, Apr. 12, 1993; lowest recorded, 85.23 ft below land-surface datum, Jan. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	80.73	JAN 06	77.47	APR 01	77.83	JUL 06	76.64
WATER YEAR 2004 HIGHEST 76.64		JUL 06, 2004		LOWEST 80.73		OCT 07, 2003	



LINCOLN PARISH

LOCAL NUMBER.--L-26, Site ID 324141092390501.

LOCATION.--Hydrologic Unit 08040206.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 686 ft, screened 633-686 ft, casing diameter 10 to 6 in.

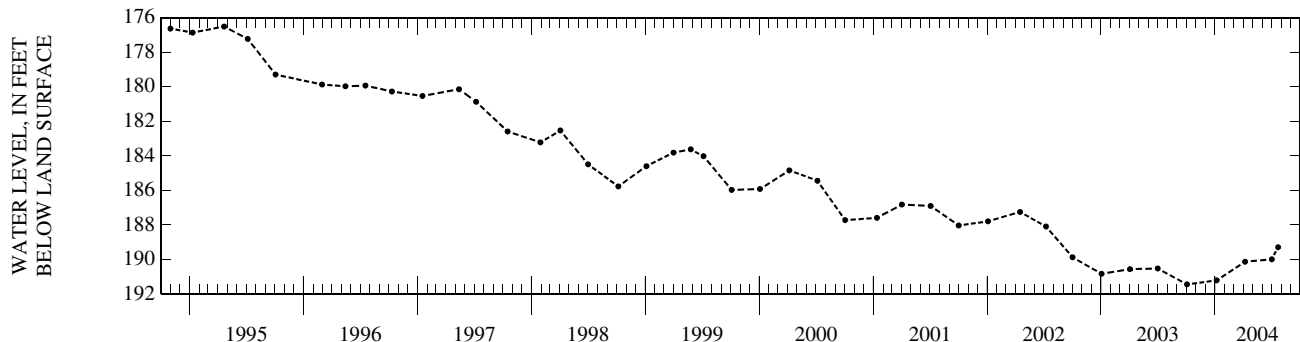
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Top of 3/4-in. hole in plate, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1950, 1962, 1967-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 95.20 ft below land-surface datum (reported), Apr. 1, 1950; lowest recorded, 191.44 ft below land-surface datum, Oct. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	191.44	JAN 06	191.21	APR 06	190.13	JUL 01	189.99	JUL 21	189.29
WATER YEAR 2004 HIGHEST 189.29		JUL 21, 2004		LOWEST 191.44		OCT 03, 2003			



GROUND-WATER LEVELS
LINCOLN PARISH—Continued

LOCAL NUMBER.--L-68, Site ID 323458092275101.

LOCATION.--Lat 32° 34' 58", long 92° 27' 51", Hydrologic Unit 08040206, Sec. 3, T.18N, R. 1W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 770 ft, screened 760-770 ft, casing diameter 2 in.

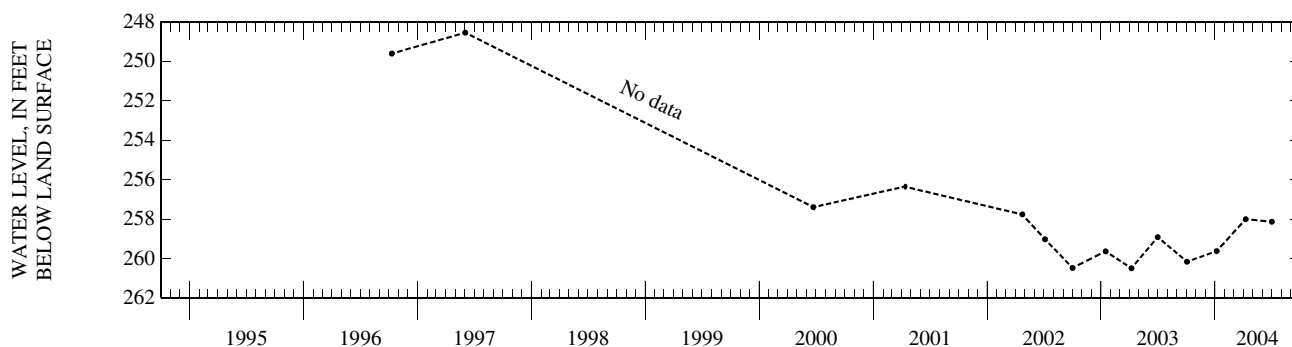
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Top of bushing, 5.06 ft above land-surface datum.

PERIOD OF RECORD.--1968-71, 1973-87, 1989, 1991, 1993, 1996-97, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded. 185.04 ft below land-surface datum, Mar. 2, 1970; lowest recorded, 260.48 ft below land-surface datum, Apr. 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	260.15	JAN 06	259.61	APR 08	257.99	JUL 01	258.12
WATER YEAR 2004		HIGHEST	257.99	APR 08, 2004	LOWEST	260.15	OCT 03, 2003



LOCAL NUMBER.--L-113, Site ID 323013092482001.

LOCATION.--Lat 32° 30' 13", long 92° 48' 20", Hydrologic Unit 08040303, Sec. 32, T.18N, R. 4W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 750 ft, screened 740-750 ft, casing diameter 4 to 2 in.

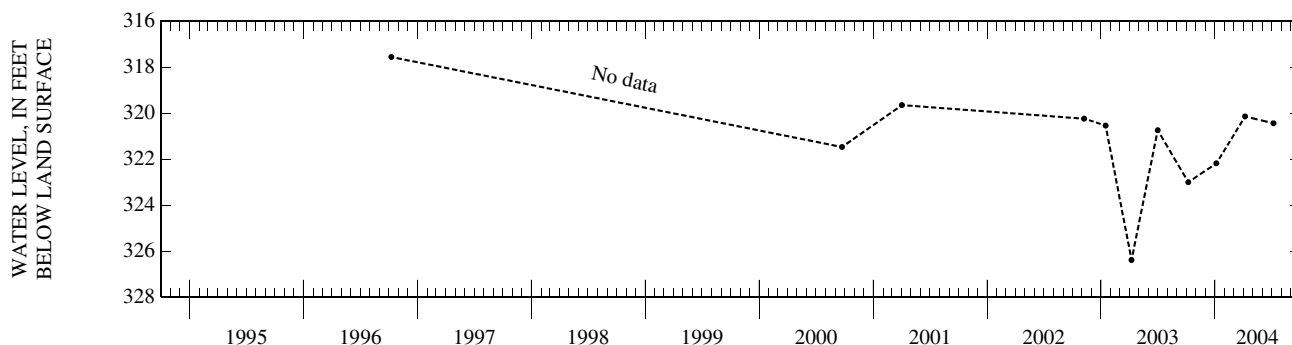
DATUM.--Elevation of land surface datum is 355 ft above NGVD of 1929. Measuring point: Top of hole in cap over casing, 1.64 ft above land-surface datum.

PERIOD OF RECORD.--1969-87, 1989, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded. 266.50 ft below land-surface datum, Aug. 11, 1969; lowest recorded, 326.38 ft below land-surface datum, Apr. 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	323.00	JAN 05	322.18	APR 06	320.14	JUL 06	320.44
WATER YEAR 2004		HIGHEST	320.14	APR 06, 2004	LOWEST	323.00	OCT 07, 2003



LIVINGSTON PARISH

LOCAL NUMBER.--Li-52, Site ID 303034090380301.

LOCATION.--Lat 30° 30'34", long 90° 38'03", Hydrologic Unit 08070203, Sec. 20, T. 6S, R. 6E.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,865 ft, screened 1,825-1,865 ft, casing diameter 4 in.

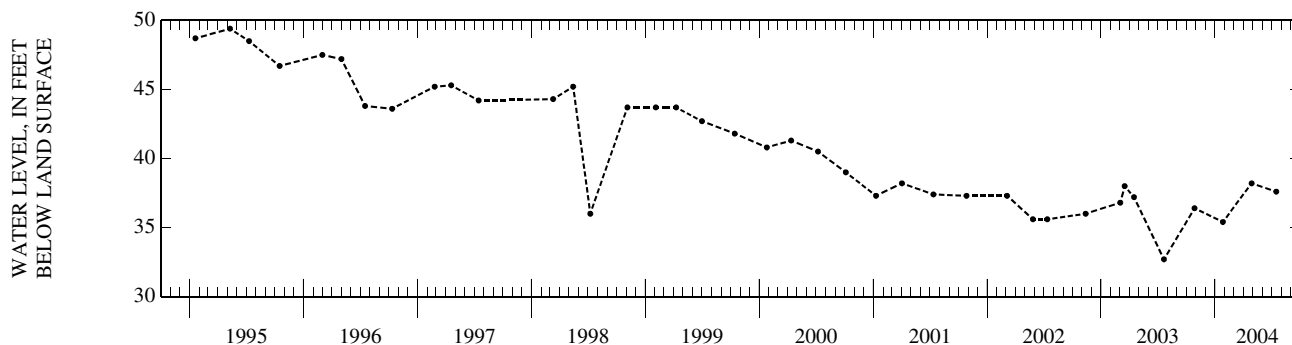
DATUM.--Elevation of land surface datum is 46 ft above NGVD of 1929. Measuring point: Center line of 3/4-in tee, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--1949 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 116.20 ft above land-surface datum, Nov. 30, 1950; lowest recorded, 32.7 ft above land-surface datum, July 21, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	+36.4	JAN 26	+35.4	APR 27	+38.2	JUL 15	+37.6
WATER YEAR 2004		HIGHEST	+38.2	APR 27, 2004	LOWEST	+35.4	JAN 26, 2004



LOCAL NUMBER.--Li-113, Site ID 302956090504601.

LOCATION.--Lat 30° 29'56", long 90° 50'46", Hydrologic Unit 08070202, Sec. 30, T. 6S, R. 4E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,300 ft, screened interval unknown, casing diameter 3 in.

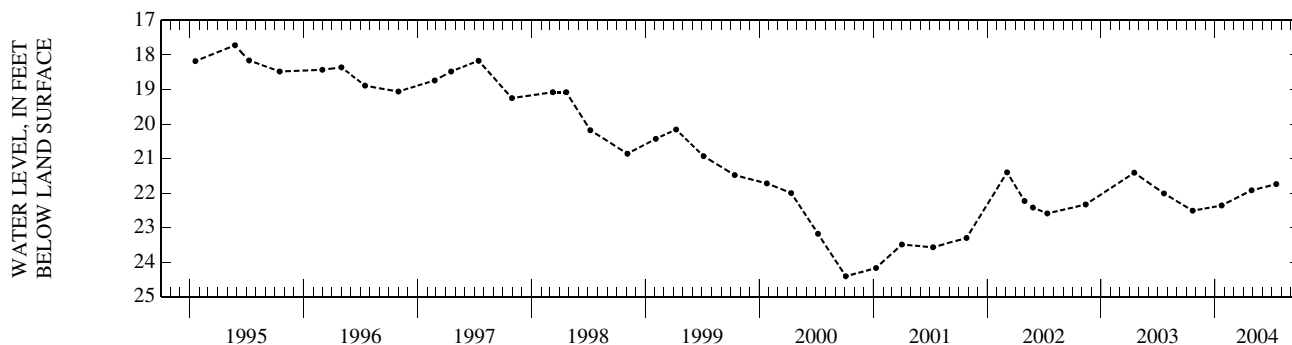
DATUM.--Elevation of land surface datum is 48 ft above NGVD of 1929. Measuring point: Top of collar above valve, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.98 ft below land-surface datum, Apr. 14, 1967; lowest recorded, 24.41 ft below land-surface datum, Oct. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	22.51	JAN 22	22.36	APR 27	21.92	JUL 15	21.74
WATER YEAR 2004		HIGHEST	21.74	JUL 15, 2004	LOWEST	22.51	OCT 21, 2003



LIVINGSTON PARISH—Continued

LOCAL NUMBER.--Li-122, Site ID 302450090355601.

LOCATION.--Lat 30° 24' 50", long 90° 35' 56", Hydrologic Unit 08070203, Sec. 45, T. 7S, R. 6E.

AQUIFER.--"400-foot" sand of Baton rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500 ft, casing diameter 1 1/2 in.

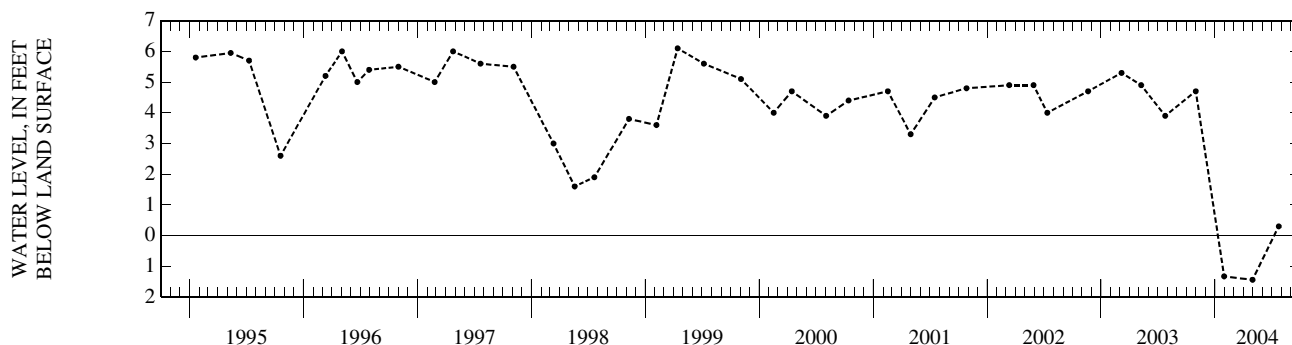
DATUM.--Elevation of land surface datum is 11 ft above NGVD of 1929. Measuring point: Top of 3/4-in. casing, remove nipple, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1966, 1984, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.40 ft above land-surface datum, July 15, 1966; lowest recorded, 1.44 ft above land-surface datum, Apr. 30, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	+4.7	JAN 30	1.33	APR 30	1.44	JUL 23	+30
WATER YEAR 2004 HIGHEST +4.7		OCT 31, 2003 LOWEST 1.44		APR 30, 2004			



LOCAL NUMBER.--Li-169, Site ID 303747090374801.

LOCATION.--Lat 30° 37' 47", long 90° 37' 48", Hydrologic Unit 08070204, Sec. 39, T. 5S, R. 6E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 260 ft, screened 245-260 ft, casing diameter 4 in.

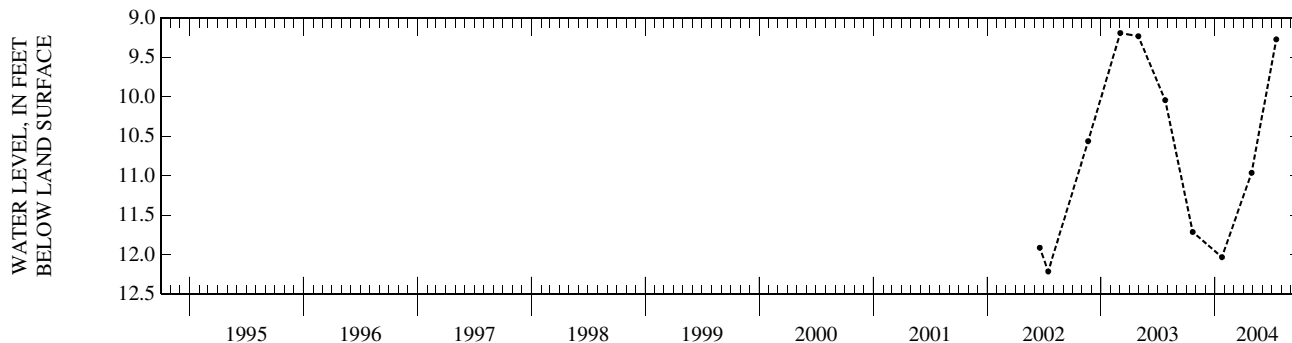
DATUM.--Elevation of land surface datum is 85 ft above NGVD of 1929. Measuring point: Top of 3/4-in. nipple on tee on air vent, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1973, 1983-84, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.14 ft below land-surface datum, Mar. 28, 1991; lowest recorded, 12.21 ft below land-surface datum, July 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	11.71	JAN 23	12.03	APR 27	10.96	JUL 15	9.27
WATER YEAR 2004 HIGHEST 9.27		JUL 15, 2004 LOWEST 12.03		JAN 23, 2004			



LIVINGSTON PARISH—Continued

LOCAL NUMBER.--Li-185, Site ID 302724090565801.

LOCATION.--Hydrologic Unit 08070202

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,611 ft, screened 2,531-2,611 ft, casing diameter 14 to 12 to 8 in.

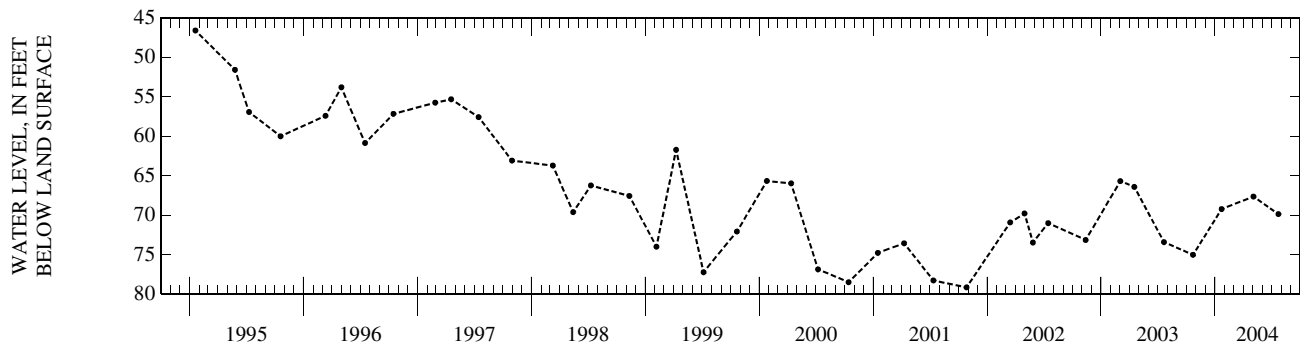
DATUM.--Elevation of land surface datum is 37 ft above NGVD of 1929. Measuring point: Bottom lip of vent elbow, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--1979, 1983, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.14 ft below land-surface datum, Feb. 3, 1989; lowest recorded, 79.12 ft below land-surface datum, Oct. 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	75.00	JAN 22	69.20	MAY 03	67.62	JUL 22	69.84
WATER YEAR 2004		HIGHEST	67.62 MAY 03, 2004	LOWEST	75.00	OCT 22, 2003	



LOCAL NUMBER.--Li-209, Site ID 303247090544601.

LOCATION.--Lat 30° 32'47", long 90° 54'46", Hydrologic Unit 08070202, Sec. 9, T. 6S, R. 3E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 305 ft, screened interval 290-305 ft, casing diameter 4 to 2 in.

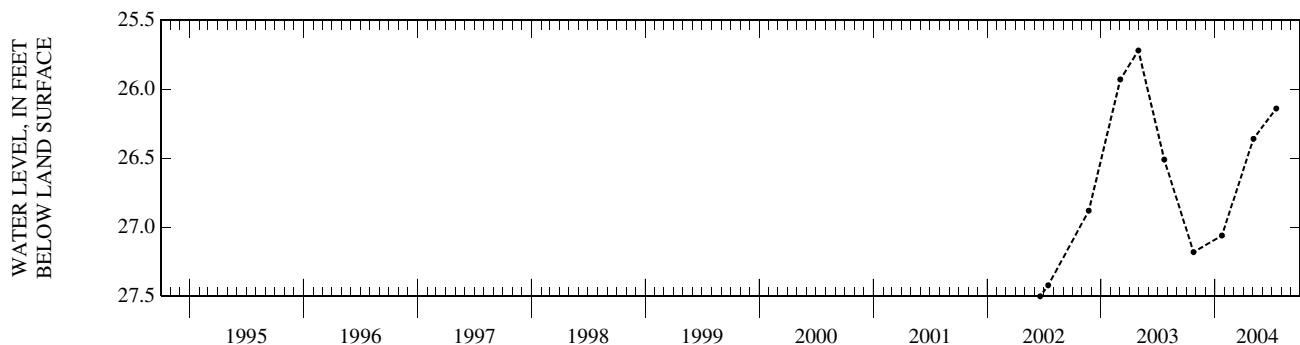
DATUM.--Elevation of land surface datum is 59 ft above NGVD of 1929. Measuring point: Top in sanitary seal, 0.9 ft below land-surface datum.

PERIOD OF RECORD.--1984, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.66 ft below land-surface datum, May 16, 1984; lowest recorded, 27.50 ft below land-surface datum, June 19, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	27.18	JAN 23	27.06	MAY 03	26.36	JUL 15	26.14
WATER YEAR 2004		HIGHEST	26.14 JUL 15, 2004	LOWEST	27.18	OCT 24, 2003	



MADISON PARISH

LOCAL NUMBER.--Ma-64, Site ID 322614091122001.

LOCATION.--Lat 32° 26' 14", long 91° 12' 20", Hydrologic Unit 08050003, Sec. 23, T.17N, R.12E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 117 ft, screened 112-117 ft, casing diameter 1 1/4 in.

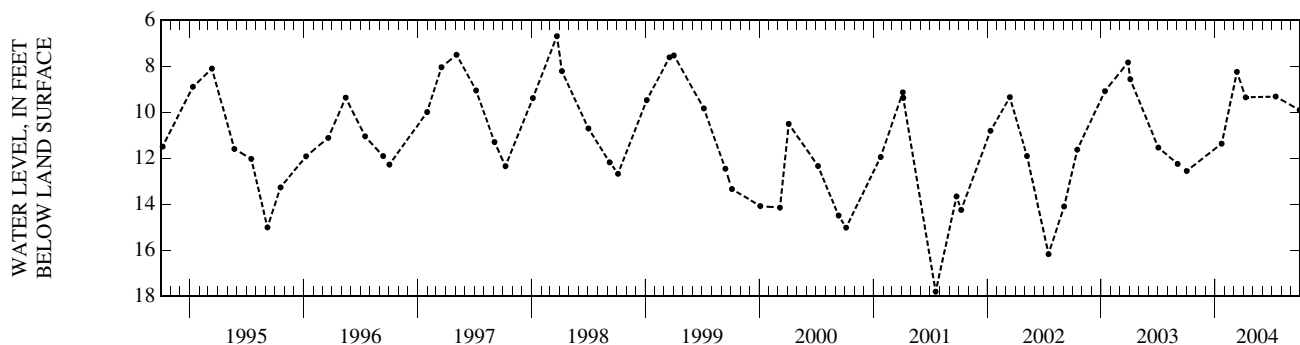
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--1975, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.40 ft below land-surface datum, Apr. 23, 1991; lowest recorded, 17.80 ft below land-surface datum, July 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	12.56	JAN 22	11.37	MAR 11	8.25	APR 08	9.36	JUL 13	9.32	SEP 28	9.91
WATER YEAR 2004		HIGHEST	8.25	MAR 11, 2004	LOWEST	12.56	OCT 02, 2003				



MOREHOUSE PARISH

LOCAL NUMBER.--Mo-5, Site ID 324626091543901.

LOCATION.--Lat 32° 46' 26", long 91° 54' 39", Hydrologic Unit 08050001, Sec. 25, T.21N, R. 5E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 860 ft, screened interval unknown, casing diameter 10 in.

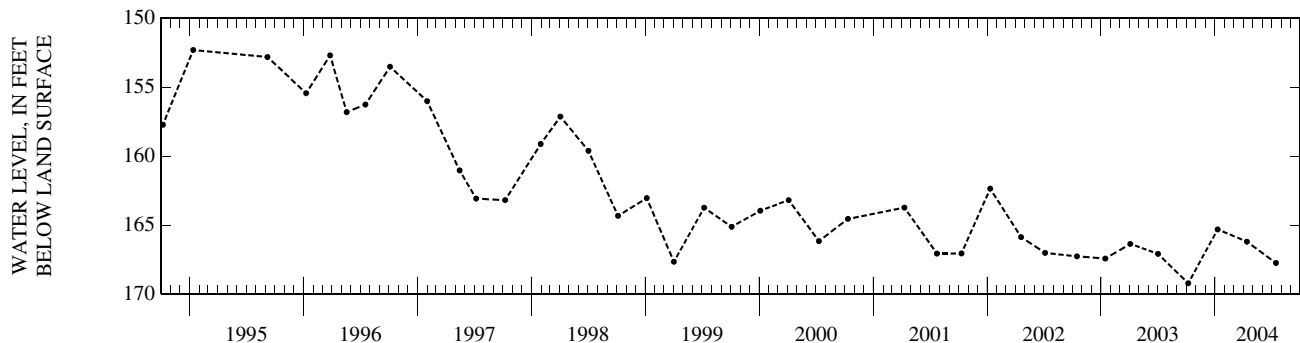
DATUM.--Elevation of land surface datum is 117.44 ft above NGVD of 1929. Measuring point: Top of nipple on metal cover plate, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 143.59 ft below land-surface datum, June 6, 1989; lowest recorded, 204.74 ft below land-surface datum, June 3, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	169.20	JAN 09	165.30	APR 12	166.19	JUL 14	167.73
WATER YEAR 2004		HIGHEST	165.30	JAN 09, 2004	LOWEST	169.20	OCT 07, 2003



MOREHOUSE PARISH—Continued

LOCAL NUMBER.--Mo-67, Site ID 323806091530401.

LOCATION.--Lat 32° 38' 06", long 91° 53' 04", Hydrologic Unit 08050001, Sec. 17, T.19N, R. 6E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 81 ft, screened 71-81 ft, casing diameter 3 in.

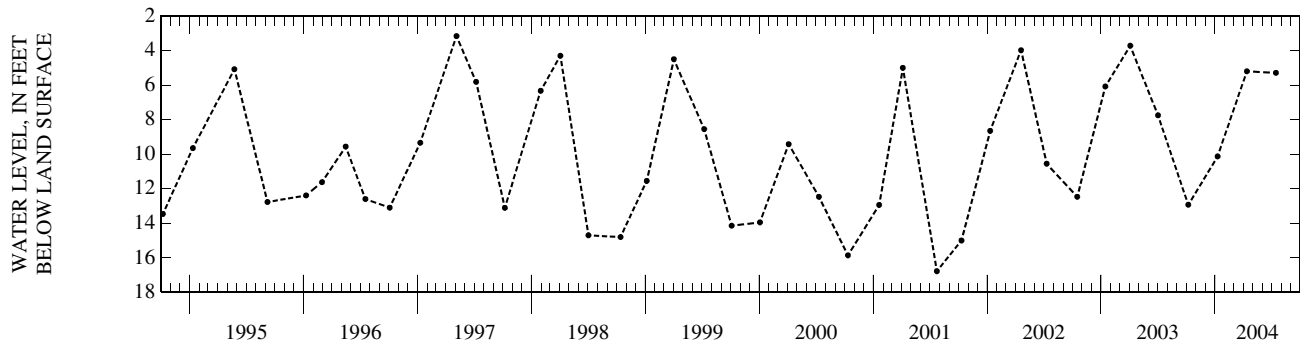
DATUM.--Elevation of land surface datum is 73.51 ft above NGVD of 1929. Measuring point: Top of casing, 7.9 ft above land-surface datum.

PERIOD OF RECORD.--1953-77, 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.59 ft below land-surface datum, Dec. 19, 1961; lowest recorded, 23.88 ft below land-surface datum, Sep. 1, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	12.93	JAN 09	10.13	APR 12	5.20	JUL 14	5.29
WATER YEAR 2004		HIGHEST	5.20	APR 12, 2004	LOWEST	12.93	OCT 07, 2003



LOCAL NUMBER.--Mo-343, Site ID 324753091471202.

LOCATION.--Lat 32° 47' 53", long 91° 47' 12", Hydrologic Unit 08050001, Sec. 19, T.21N, R. 7E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 176 ft, screened 166-176 ft, casing diameter 2 in.

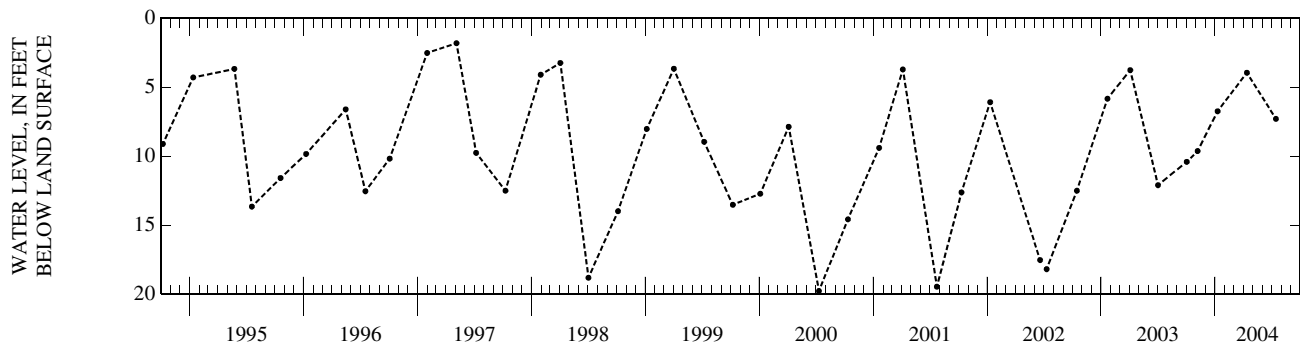
DATUM.--Elevation of land surface datum is 88.41 ft above NGVD of 1929. Measuring point: Top of bushing, 3.72 ft above land-surface datum.

PERIOD OF RECORD.--1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft below land-surface datum, May 13, 1975; lowest recorded, 19.76 ft below land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	10.41	NOV 06	9.63	JAN 09	6.75	APR 12	3.96
WATER YEAR 2004		HIGHEST	3.96	APR 12, 2004	LOWEST	10.41	OCT 02, 2003



GROUND-WATER LEVELS
MOREHOUSE PARISH—Continued

LOCAL NUMBER.--Mo-657, Site ID 324647091543806.

LOCATION.--Hydrologic Unit 08050001.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 97 ft, screened 57-97 ft, casing diameter 6 in.

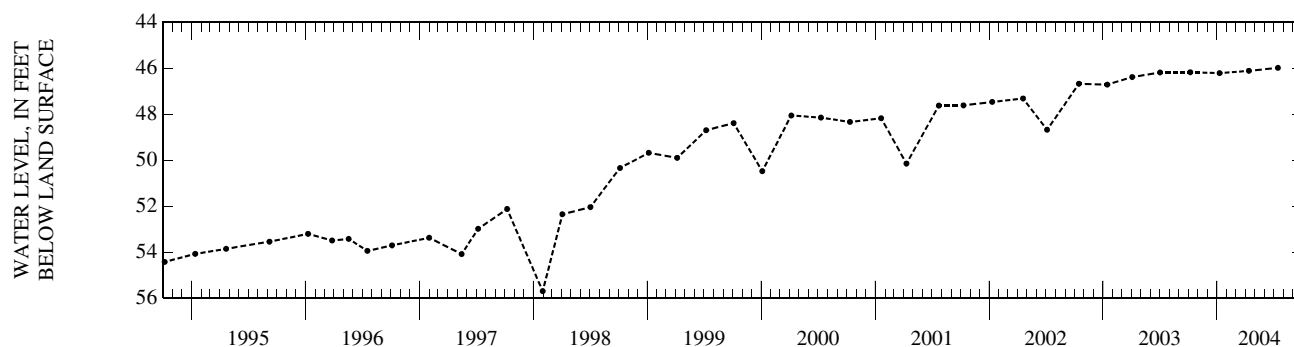
DATUM.--Elevation of land surface datum is 126.64 ft above NGVD of 1929. Measuring point: Top of casing, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.59 ft below land-surface datum, July 14, 2004; lowest recorded, 60.00 ft below land-surface datum (reported), June 7, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	46.18	JAN 09	46.22	APR 12	46.12	JUL 14	45.99
WATER YEAR 2004		HIGHEST	45.99 JUL 14, 2004	LOWEST	46.22 JAN 09, 2004		



LOCAL NUMBER.--Mo-708, Site ID 325356091344801.

LOCATION.--Lat 32° 53' 56", long 91° 34' 48", Hydrologic Unit 08050001, Sec. 18, T.22S, R. 9E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 276 ft, screened 246-256 and 266-276 ft, casing diameter 3 in.

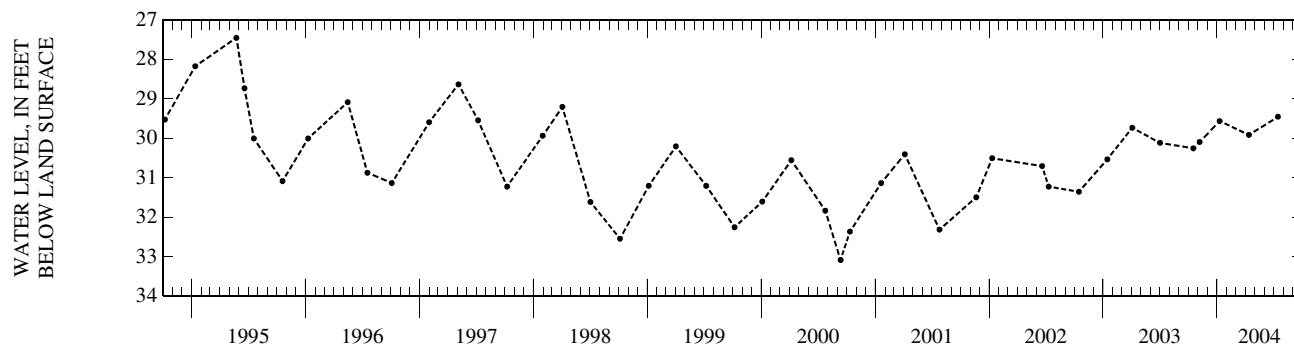
DATUM.--Elevation of land surface datum is 96 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.28 ft below land-surface datum, Apr. 5, 1993; lowest recorded, 33.08 ft below land-surface datum, Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	30.25	NOV 06	30.09	JAN 09	29.56	APR 12	29.91
WATER YEAR 2004		HIGHEST	29.45 JUL 14, 2004	LOWEST	30.25 OCT 17, 2003		



MOREHOUSE PARISH—Continued

LOCAL NUMBER.--Mo-842, Site ID 325359091344802.

LOCATION.--Lat 32° 53' 59", long 91° 34' 48", Hydrologic Unit 08050001, Sec. 18, T.22N, R. 9E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 90 ft, screened 88-90 ft, casing diameter 2 in.

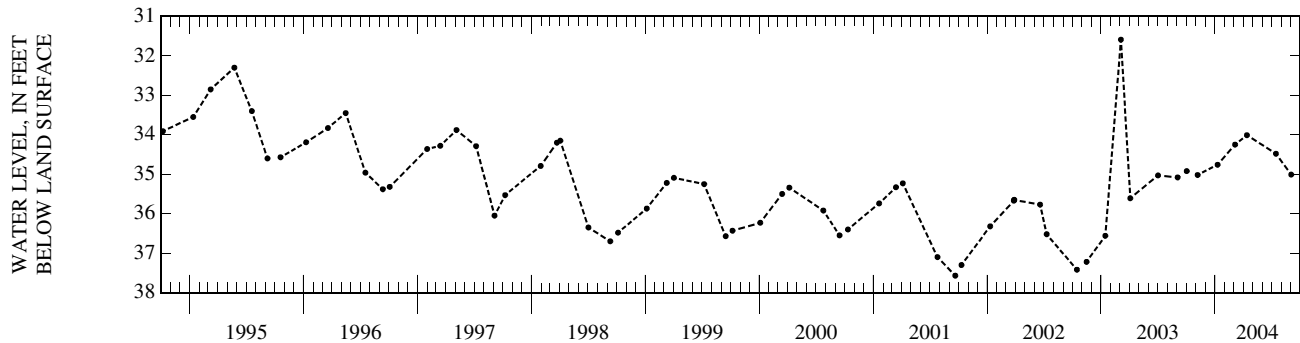
DATUM.--Elevation of land surface datum is 96 ft above NGVD of 1929. Measuring point: Top of bushing, 1.33 below land-surface datum.

PERIOD OF RECORD.--1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.49 ft below land-surface datum, July 1, 1992; lowest recorded, 37.57 ft below land-surface datum, Sep. 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	33.59	JAN 09	34.76	APR 12	34.01	SEP 01	35.01
NOV 06	33.69	MAR 05	34.25	JUL 14	34.48		
WATER YEAR 2004 HIGHEST 33.59 OCT 02, 2003		LOWEST 35.01 SEP 01, 2004					



NATCHITOCHES PARISH

LOCAL NUMBER.--Na-9, Site ID 312934093114801.

LOCATION.--Hydrologic Unit 11140207.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 1,300 ft, screened 1,200-1,300 ft, casing diameter 4 in.

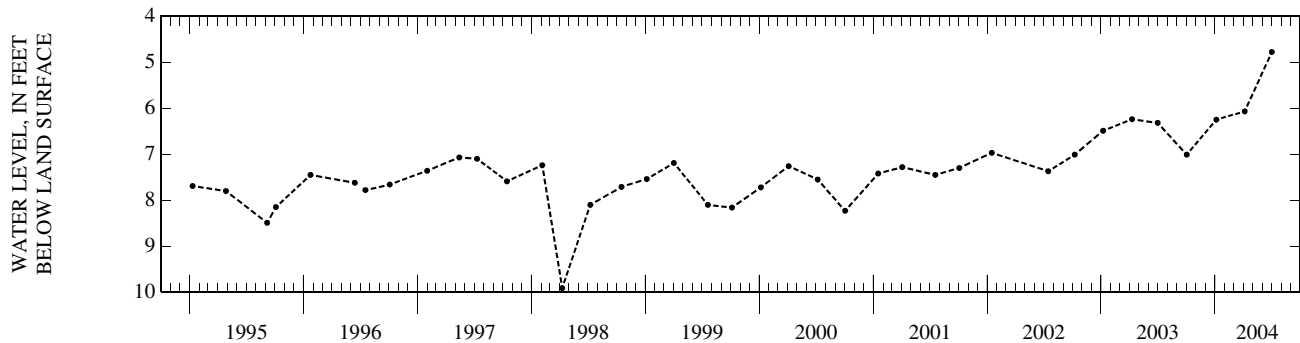
DATUM.--Elevation of land surface datum is 185 ft above NGVD of 1929. Measuring point: Top of sanitary seal, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.78 ft below land-surface datum, July 1, 2004; lowest recorded, 40.00 ft below land-surface datum (reported), Jan. 1, 1936.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	7.01	JAN 05	6.25	APR 05	6.07	JUL 01	4.78
WATER YEAR 2004 HIGHEST 4.78 JUL 01, 2004		LOWEST 7.01 OCT 02, 2003					



NATCHITOCHES PARISH—Continued

LOCAL NUMBER.--Na-474, Site ID 314542093043701.

LOCATION.--Lat 31° 45' 42", long 93° 04' 37", Hydrologic Unit 11140204, Sec. 49, T. 9N, R. 7W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73 ft, casing diameter 1 1/4 in.

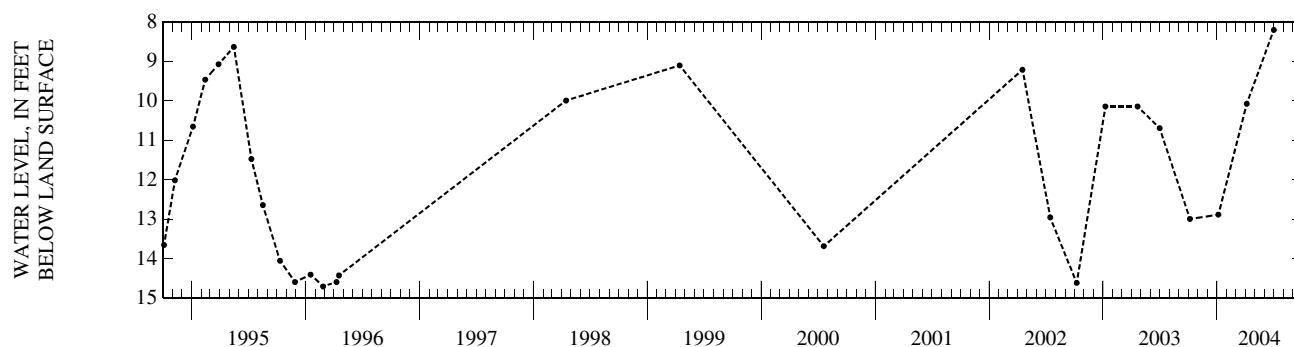
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1978-96, 1998-2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.75 ft below land-surface datum, July 19, 1989; lowest recorded, 18.57 ft below land-surface datum, Nov. 4, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	12.99	JAN 05	12.88	APR 05	10.07	JUL 01	8.20
WATER YEAR 2004 HIGHEST		8.20	JUL 01, 2004	LOWEST		12.99	OCT 06, 2003



LOCAL NUMBER.--Na-479, Site ID 320116093044902.

LOCATION.--Lat 32° 01' 16", long 93° 04' 49", Hydrologic Unit 11140209, Sec. 15, T. 12N, R. 7W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 106 ft, screened 103-106 ft, casing diameter 1 1/4 in.

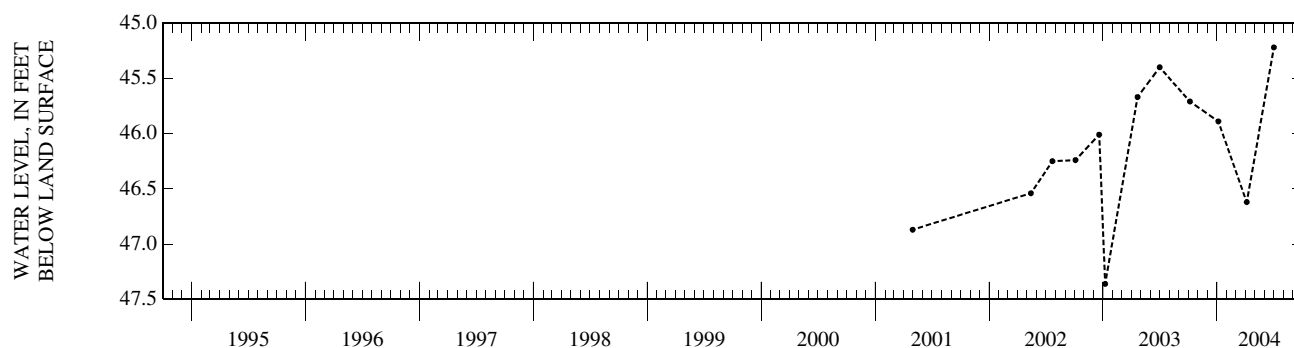
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: File marks in bushing, at land-surface datum.

PERIOD OF RECORD.--1980-87, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.22 ft below land-surface datum, July 1, 2004; lowest recorded, 59.49 ft below land-surface datum, Sep. 4, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	45.71	JAN 05	45.89	APR 05	46.62	JUL 01	45.22
WATER YEAR 2004 HIGHEST		45.22	JUL 01, 2004	LOWEST		46.62	APR 05, 2004



NATCHITOCHES PARISH—Continued

LOCAL NUMBER.--Na-487, Site ID 314141093192102.

LOCATION.--Hydrologic Unit 11140206.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 445 ft, screened 405-445 ft, casing diameter 8 in.

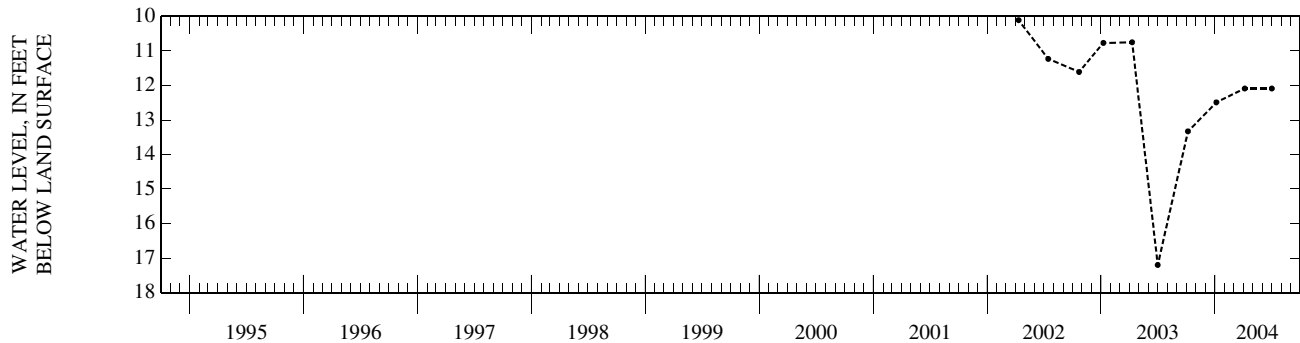
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Lowest point on inside of top of 1-in. coupling, 2.35 ft above land-surface datum.

PERIOD OF RECORD.--2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.11 ft below land-surface datum, Apr. 11, 2002; lowest recorded, 17.20 ft below land-surface datum, July 1, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	13.33	JAN 05	12.49	APR 05	12.09	JUL 01	12.09
WATER YEAR 2004 HIGHEST		12.09	APR 05, 2004	JUL 01, 2004	LOWEST	13.33	OCT 06, 2003



LOCAL NUMBER.--Na-526, Site ID 312637093052602.

LOCATION.--Hydrologic Unit 11140207.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 85 ft, screened 75-85 ft, casing diameter 6 to 4 in.

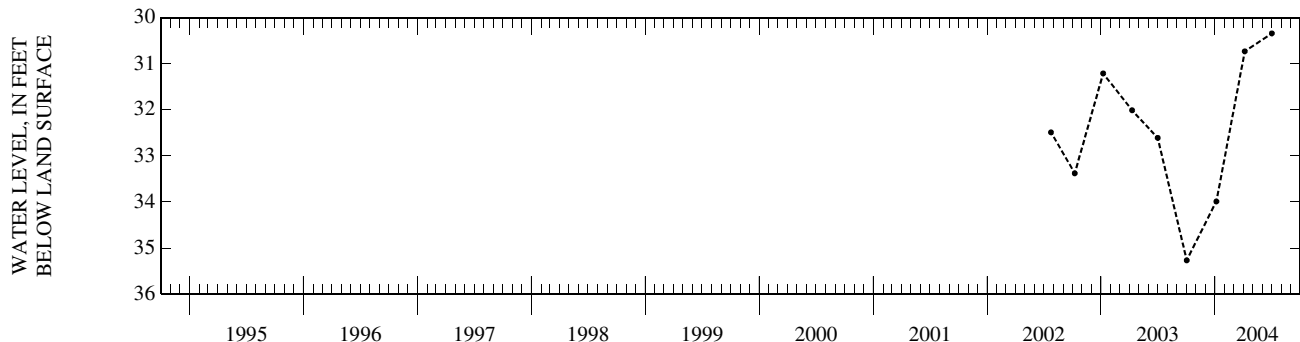
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Remove bolt on north-east corner of pump base, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--1986, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.0 ft below land-surface datum (reported), Aug. 4, 1986; lowest recorded, 35.27 ft below land-surface datum, Oct. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	35.27	JAN 05	33.99	APR 05	30.73	JUL 01	30.34
WATER YEAR 2004 HIGHEST		30.34	JUL 01, 2004	LOWEST	35.27	OCT 02, 2003	



ORLEANS PARISH

LOCAL NUMBER.--Or-42, Site ID 295652090020101.

LOCATION.--Lat 29° 56'52", long 90° 02'01", Hydrologic Unit 08090203, Sec. 16, T.13S, R.12E.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 775 ft, screened 664-775 ft, casing diameter 8 in.

DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Notch in wooden platform over well casing, 1.0 ft above land-surface datum.

INSTRUMENTATION.--Water-stage recorder. Satellite telemetry at site.

PERIOD OF RECORD.--1942, 1949 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.07 ft below land-surface datum, May 25, 1942; lowest recorded, 140.48 ft below land-surface datum, Sep. 20, 1968.

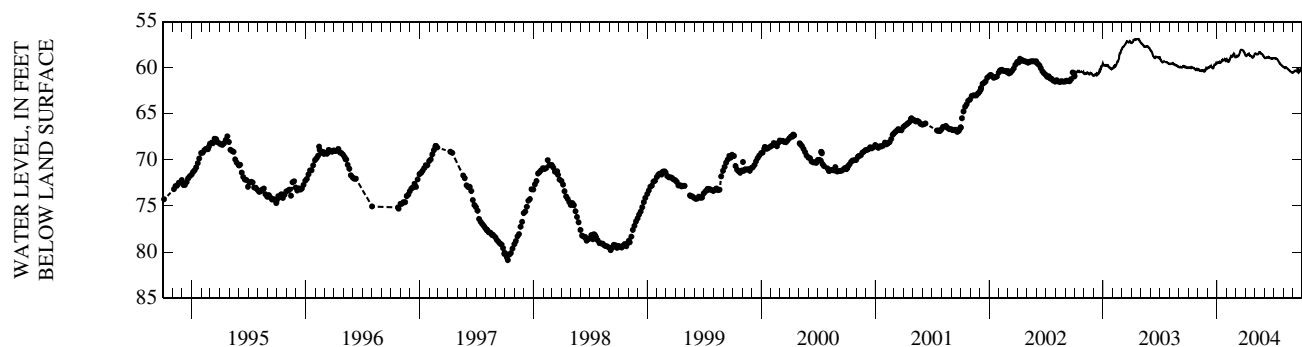
EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 57.99 ft below land-surface datum, Mar. 18; lowest recorded, 60.64 ft below land-surface datum, Aug. 28, 29.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59.99	60.20	60.10	59.53	59.07	58.82	58.62	58.48	58.90	58.96	59.88	60.51
2	59.97	60.24	60.08	59.48	59.17	58.85	58.68	58.46	58.94	58.95	59.90	60.48
3	59.96	60.24	59.97	59.42	59.32	58.85	58.70	58.49	58.95	58.94	59.93	60.43
4	59.96	60.17	59.92	59.36	59.32	58.78	58.71	58.49	58.95	58.96	60.00	60.39
5	60.00	60.21	59.92	59.36	59.19	58.71	58.71	58.48	58.92	59.00	60.04	60.36
6	60.01	60.30	59.96	59.43	59.17	58.73	58.69	58.50	58.90	59.02	60.04	60.34
7	60.01	60.33	59.97	59.44	59.24	58.77	58.57	58.52	58.88	59.01	60.01	60.35
8	60.04	60.33	59.93	59.42	59.29	58.75	58.57	58.54	58.88	58.99	59.94	60.35
9	60.04	60.34	59.83	59.37	59.24	58.70	58.59	58.55	58.87	59.00	59.94	60.32
10	59.90	60.31	59.84	59.43	59.17	58.69	58.59	58.56	58.86	59.03	59.97	60.35
11	59.91	60.32	59.91	59.46	59.04	58.66	58.49	58.55	58.87	59.05	60.00	60.35
12	59.93	60.31	59.91	59.45	58.95	58.58	58.47	58.53	58.88	59.10	60.04	60.35
13	59.96	60.34	59.82	59.41	58.91	58.48	58.60	58.45	58.89	59.13	60.09	60.38
14	59.99	60.31	59.90	59.36	58.76	58.37	58.66	58.43	58.83	59.18	60.13	60.34
15	60.01	60.33	59.94	59.34	58.80	58.22	58.66	58.30	58.84	59.23	60.15	59.93
16	60.03	60.32	59.94	59.31	58.81	58.11	58.67	58.29	58.90	59.30	60.18	60.08
17	60.04	60.32	60.05	59.14	58.79	58.07	58.71	58.30	58.94	59.37	60.20	60.51
18	60.02	60.19	60.04	59.10	58.78	58.04	58.74	58.31	58.94	59.41	60.22	60.54
19	60.03	60.39	60.07	59.20	58.71	58.05	58.76	58.41	58.94	59.47	60.25	60.48
20	60.08	60.42	60.03	59.21	58.64	58.04	58.78	58.46	58.93	59.53	60.30	60.42
21	60.13	60.40	59.96	59.21	58.66	58.06	58.77	58.49	58.94	59.56	60.36	60.36
22	60.16	60.37	59.84	59.20	58.64	58.08	58.82	58.49	58.98	59.61	60.38	60.28
23	60.17	60.27	59.70	59.19	58.54	58.09	58.89	58.50	59.04	59.64	60.39	60.22
24	60.20	60.30	59.71	59.13	58.47	58.12	58.91	58.53	59.03	59.69	60.42	60.31
25	60.23	60.22	59.68	59.06	58.51	58.15	58.85	58.55	58.98	59.73	60.46	60.32
26	60.20	60.16	59.68	59.08	58.67	58.21	58.78	58.59	58.97	59.74	60.49	60.32
27	60.16	60.00	59.62	59.18	58.77	58.26	58.79	58.64	58.99	59.77	60.51	60.34
28	60.11	60.04	59.56	59.24	58.84	58.32	58.75	58.72	58.99	59.81	60.52	60.42
29	60.16	60.09	59.48	59.21	58.83	58.40	58.68	58.78	58.97	59.83	60.52	60.43
30	60.18	60.09	59.55	59.14	---	58.47	58.55	58.79	58.96	59.88	60.52	60.45
31	60.23	---	59.54	59.12	---	58.57	---	58.84	---	59.88	60.52	---
MAX	60.23	60.42	60.10	59.53	59.32	58.85	58.91	58.84	59.04	59.88	60.52	60.54
MIN	59.90	60.00	59.48	59.06	58.47	58.04	58.47	58.29	58.83	58.94	59.88	59.93

MEASURED WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	60.12	OCT 29	60.18	FEB 06	59.21	APR 26	58.81	MAY 04	58.50	JUL 15	59.17



ORLEANS PARISH—Continued

LOCAL NUMBER.--Or-175, Site ID 300525089464001.

LOCATION.--Lat 30° 05'25", long 89° 46'40", Hydrologic Unit 08090203, Sec. 38, T.11S, R.14E.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 449 ft, screened 439-449 ft, casing diameter 2 in.

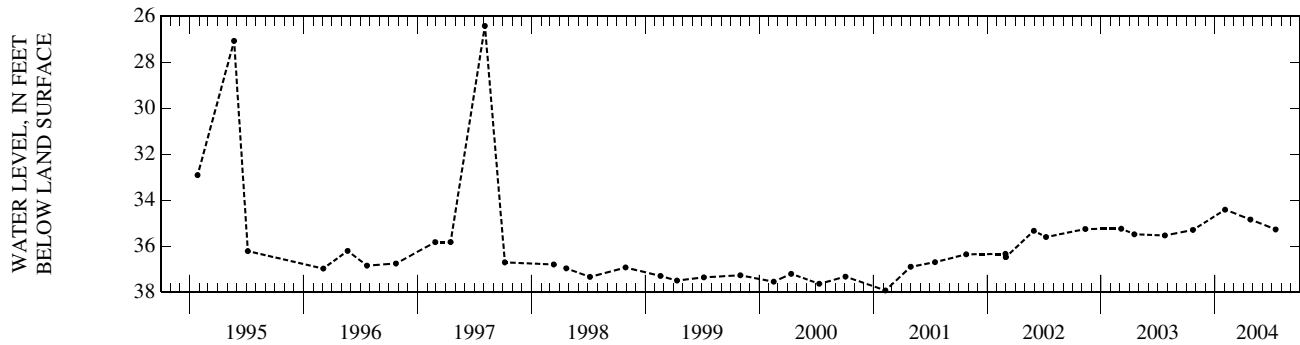
DATUM.--Elevation of land surface datum is 10 ft above NGVD of 1929. Measuring point: Top of 2-in. pipe, 1.67 ft above land-surface datum.

PERIOD OF RECORD.--1963, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.84 ft below land-surface datum, Sep. 19, 1963; lowest recorded, 38.72 ft below land-surface datum, July 1, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	35.29	FEB 02	34.41	APR 23	34.84	JUL 13	35.27
WATER YEAR 2004		HIGHEST	34.41 FEB 02, 2004	LOWEST	35.29 OCT 22, 2003		



LOCAL NUMBER.--Or-179, Site ID 300959089441901.

LOCATION.--Lat 30° 09'59", long 89° 44'19", Hydrologic Unit 08090203, Sec. 19, T.10S, R.15E.

AQUIFER.--Abita aquifer of Pliocene age (120ABIT).

WELL CHARACTERISTICS.--Depth 2,434 ft, screened 2,429-2,434 ft, casing diameter 2 1/2 in.

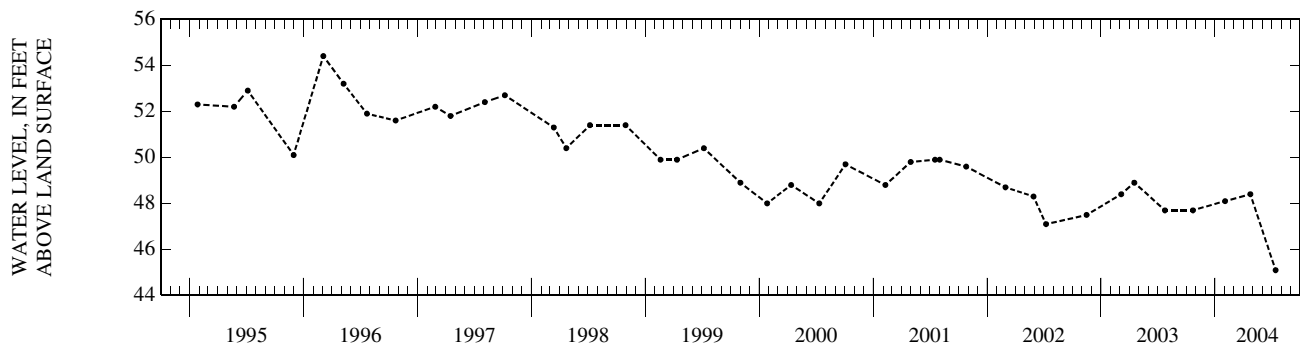
DATUM.--Elevation of land surface datum is 4 ft above NGVD of 1929. Measuring point: Center line of end of discharge pipe, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 107.2 ft above land-surface datum, Nov. 10, 1965; lowest recorded, 45.1 ft above land-surface datum, July 13, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	+47.7	FEB 02	+48.1	APR 23	+48.4	JUL 13	+45.1
WATER YEAR 2004		HIGHEST	+48.4 APR 23, 2004	LOWEST	+45.1 JUL 13, 2004		



GROUND-WATER LEVELS
ORLEANS PARISH—Continued

LOCAL NUMBER.--Or-206, Site ID 300027090013201.

LOCATION.--Lat 30° 00' 27", long 90° 01' 32", Hydrologic Unit 08090203, Sec. 38, T.12S, R.12E.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 647 ft, screened 557-647 ft, casing diameter 18 to 12 in.

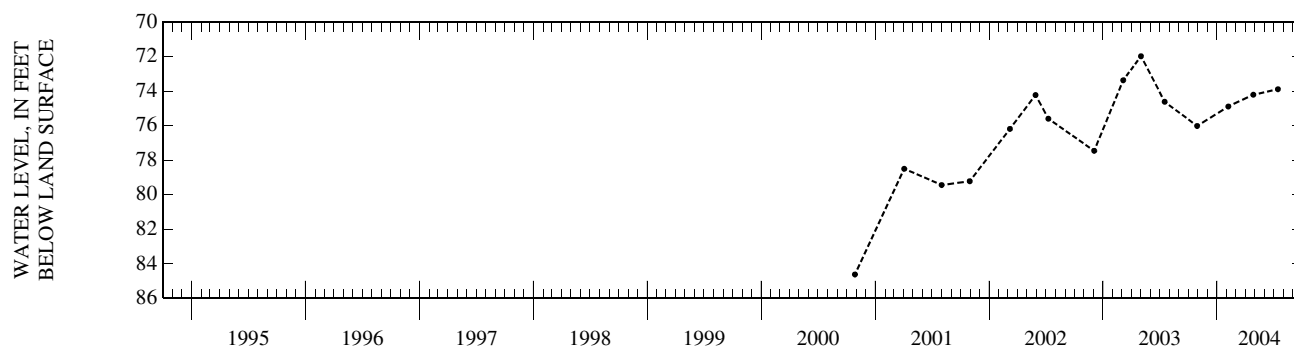
DATUM.--Elevation of land surface datum is 4 ft below NGVD of 1929. Measuring point: Top edge of 3/4-in. coupling, 2.87 ft above land-surface datum.

PERIOD OF RECORD.--1972, 1982, 1987, 1993, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 71.98 ft below land-surface datum, May 2, 2003; lowest recorded, 174.00 ft below land-surface datum (reported), Oct. 30, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	76.02	FEB 06	74.89	APR 26	74.21	JUL 14	73.89
WATER YEAR 2004 HIGHEST		73.89	JUL 14, 2004	LOWEST		76.02	OCT 29, 2003



OUACHITA PARISH

LOCAL NUMBER.--Ou-80, Site ID 322843092084401.

LOCATION.--Lat 32° 28' 43", long 92° 08' 44", Hydrologic Unit 08040207, Sec. 10, T.17N, R. 3E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 721 ft, screened 607-721 ft, casing diameter 16 to 10 in.

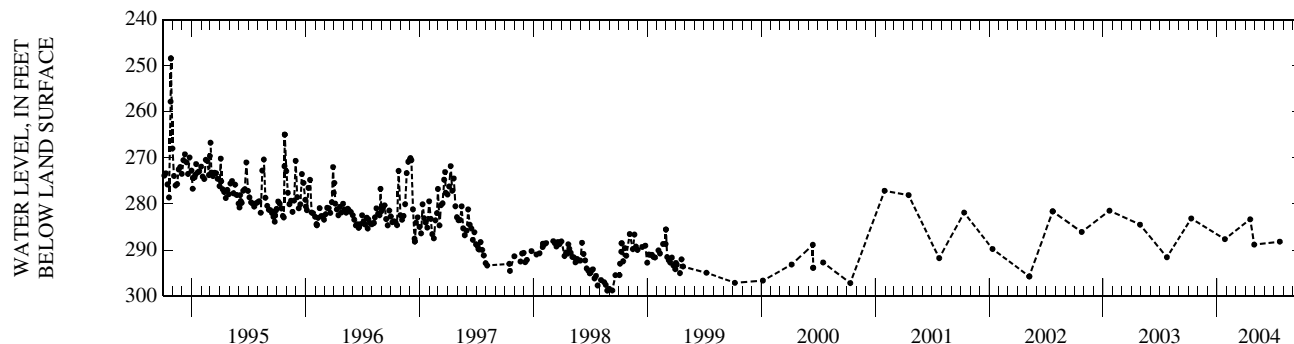
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 4.50 ft above land-surface datum.

PERIOD OF RECORD.--1956, 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 194.60 ft below land-surface datum (reported), May 3, 1956; lowest recorded, 298.83 ft below land-surface datum, Aug. 25, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	283.15	JAN 26	287.66	APR 16	283.34	APR 29	288.83	JUL 20	288.20
WATER YEAR 2004 HIGHEST		283.15	OCT 10, 2003	LOWEST		288.20	JUL 20, 2004		



OUACHITA PARISH—Continued

LOCAL NUMBER.--Ou-151, Site ID 323136091592801.

LOCATION.--Lat 32° 31' 31", long 91° 59' 30", Hydrologic Unit 08050001, Sec.19, T.18N, R. 5E.

AQUIFER.--Mississippi River Alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 68 ft, screened 58-68 ft, casing diameter 3 in.

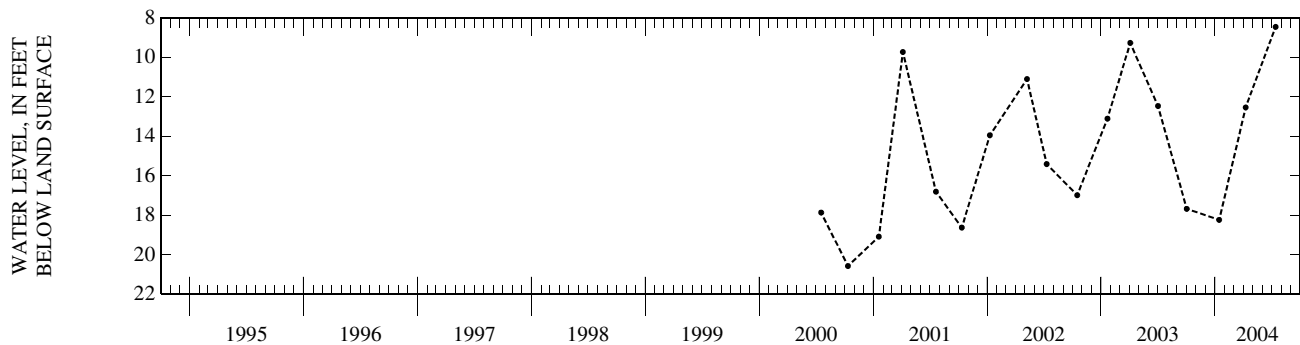
DATUM.--Elevation of land surface datum is 72.42 ft above NGVD of 1929. Measuring point: Top of 3x2-in. reducer, 4.8 ft above land-surface datum.

PERIOD OF RECORD.--1953-87, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.77 ft below land-surface datum, Mar. 19, 1975; lowest recorded, 23.63 ft below land-surface datum, Sep. 22, 1954.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	17.67	JAN 14	18.23	APR 08	12.53	JUL 13	8.45
WATER YEAR 2004 HIGHEST		8.45	JUL 13, 2004	LOWEST		18.23	JAN 14, 2004



LOCAL NUMBER.--Ou-401A, Site ID 322422092020701.

LOCATION.--Lat 32° 24' 22", long 92° 02' 07", Hydrologic Unit 08050001, Sec. 2, T.16N, R. 4E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 397 ft, screened 389-397 ft, casing diameter 2 in.

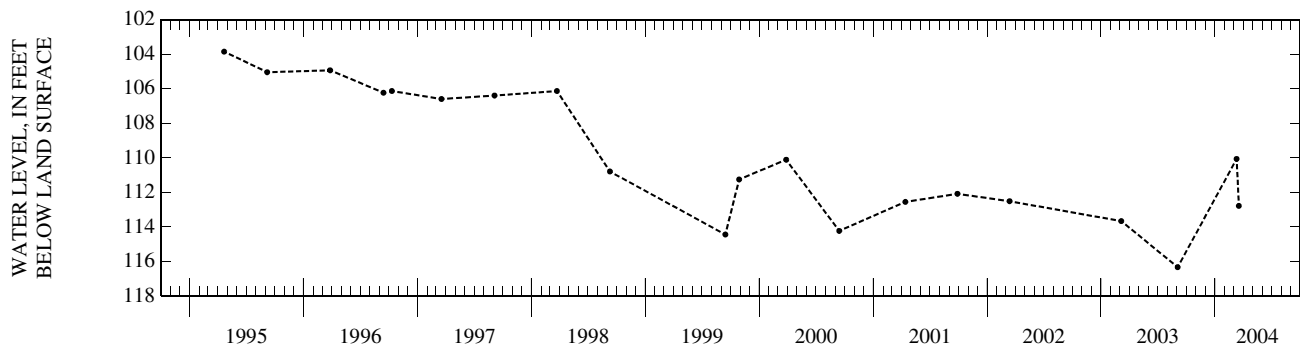
DATUM.--Elevation of land surface datum is 62.28 ft above NGVD of 1929. Measuring point: Top of casing, 3.89 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.11 ft below land-surface datum, Apr. 27, 1967; lowest recorded, 116.23 ft below land-surface datum, Sep. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 10	110.06	MAR 17	112.78
WATER YEAR 2004 HIGHEST		110.06	MAR 10, 2004
LOWEST		112.78	MAR 17, 2004



GROUND-WATER LEVELS
OUACHITA PARISH—Continued

LOCAL NUMBER.--Ou-444, Site ID 323100092165802.

LOCATION.--Lat 32° 31'00", long 92° 16'58", Hydrologic Unit 08040207, Sec. 29, T. 18N, R. 2E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 670 ft, screened 660-670 ft, casing diameter 2 in.

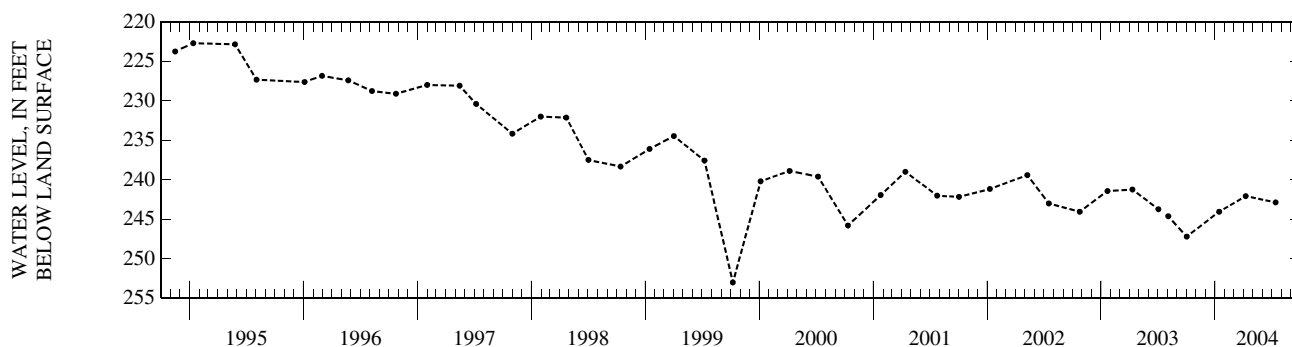
DATUM.--Elevation of land surface datum is 118 ft above NGVD of 1929. Measuring point: Top of casing, 3.6 ft above land-surface datum.

PERIOD OF RECORD.--1969-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 171.15 ft below land-surface datum, Aug. 20, 1969; lowest recorded, 252.99 ft below land-surface datum, Oct. 8, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	247.19	JAN 14	244.04	APR 08	242.05	JUL 13	242.85
WATER YEAR 2004		HIGHEST	242.05	APR 08, 2004	LOWEST	247.19	OCT 02, 2003



POINTE COUPEE PARISH

LOCAL NUMBER.--PC-39, Site ID 304939091422101.

LOCATION.--Lat 30° 49'39", long 91° 42'21", Hydrologic Unit 08080101, Sec. 13, T. 3S, R. 7E.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 460 ft, screened interval unknown, casing diameter 2 in.

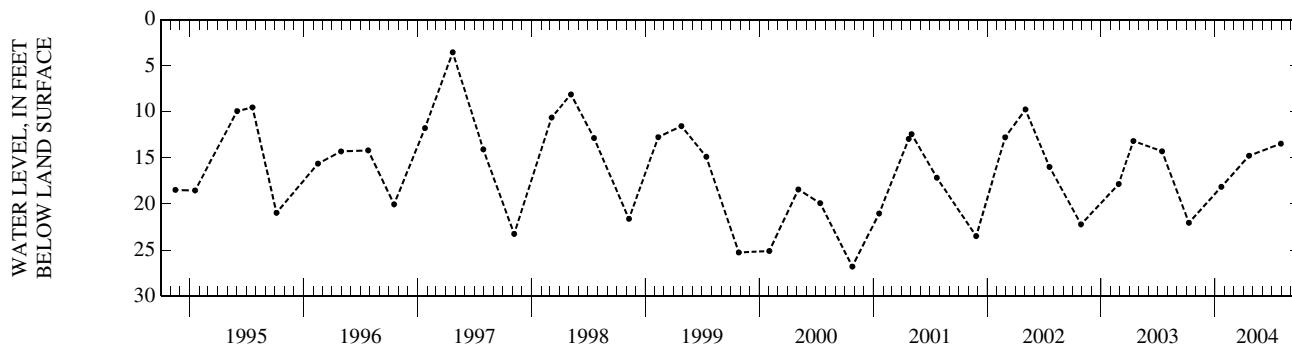
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top of bell reducer at casing, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1951, 1961, 1963-64, 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.19 ft above land-surface datum, May 23, 1973; lowest recorded, 26.81 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	22.05	JAN 21	18.15	APR 19	14.77	JUL 30	13.46
WATER YEAR 2004		HIGHEST	13.46	JUL 30, 2004	LOWEST	22.05	OCT 09, 2003



POINTE COUPEE PARISH—Continued

LOCAL NUMBER.--PC-66, Site ID 303556091234001.

LOCATION.--Lat 30° 35'56", long 91° 23'40", Hydrologic Unit 08070300, Sec. 48, T. 5S, R.11E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,530 ft, screened 1,490-1,530 ft, casing diameter 4 in.

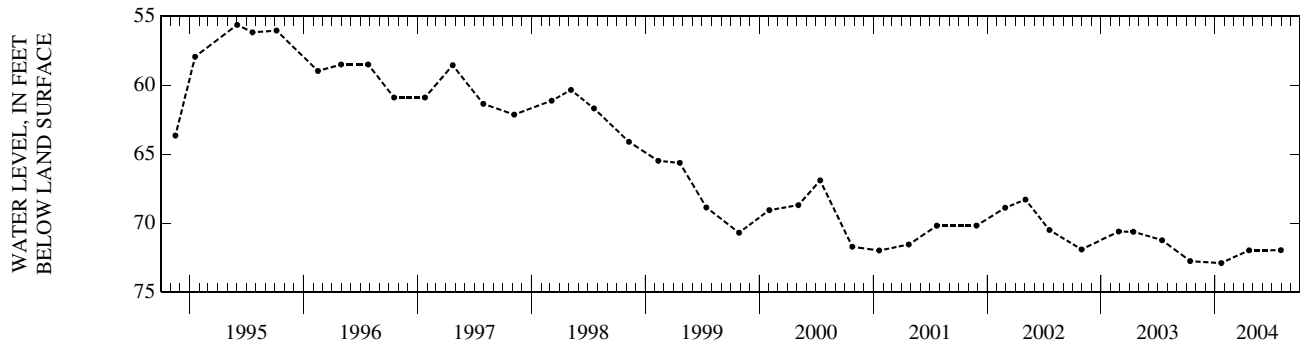
DATUM.--Elevation of land surface datum is 33 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 2.12 ft above land-surface datum.

PERIOD OF RECORD.--1961-63, 1964-71, 1988, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.10 ft above land-surface datum, Feb. 2, 1961; lowest recorded, 72.88 ft below land-surface datum, Jan. 21, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	72.74	JAN 21	72.88	APR 19	71.96	JUL 30	71.95
WATER YEAR 2004		HIGHEST	71.95 JUL 30, 2004	LOWEST	72.88	JAN 21, 2004	



LOCAL NUMBER.--PC-70, Site ID 303402091325501.

LOCATION.--Hydrologic Unit 08070300.

AQUIFER.--"2,400-foot" sand of Baton rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,294 ft, screened 2,259-2,294 ft, casing diameter 4 in.

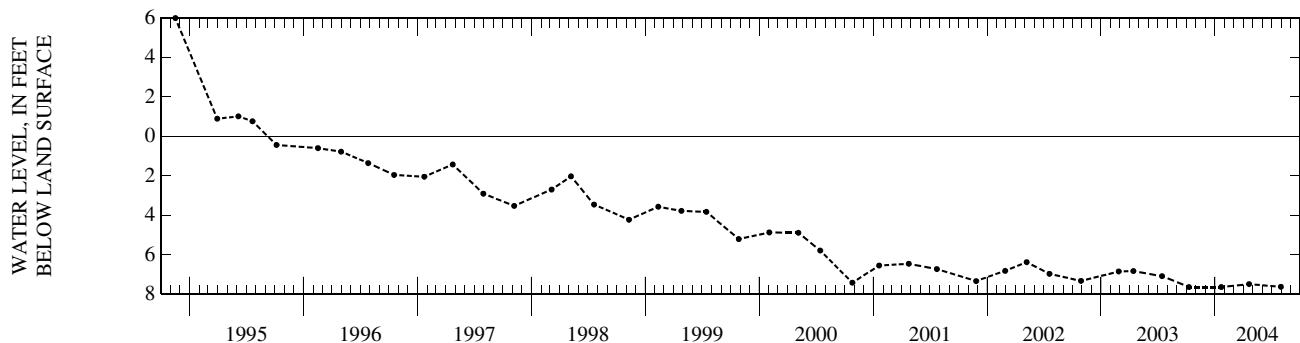
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Edge of 3/4-in. hole on top of tee, 1.25 ft above land-surface datum.

PERIOD OF RECORD.--1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.90 ft above land-surface datum (reported), May 5, 1960; lowest recorded, 7.63 ft below land-surface datum, Oct. 9, 2003 and Jan. 21, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	7.63	JAN 21	7.63	APR 19	7.48	JUL 30	7.62
WATER YEAR 2004		HIGHEST	7.48 APR 19, 2004	LOWEST	7.63	OCT 09, 2003 JAN 21, 2004	



POINTE COUPEE PARISH—Continued

LOCAL NUMBER.--PC-138, Site ID 303357091330401.

LOCATION.--Lat 30° 33' 57", long 91° 33' 04", Hydrologic Unit 08070300, Sec. 16, T. 6S, R. 9E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,637 ft, screened 1,617-1,637 ft, casing diameter 2 1/2 in.

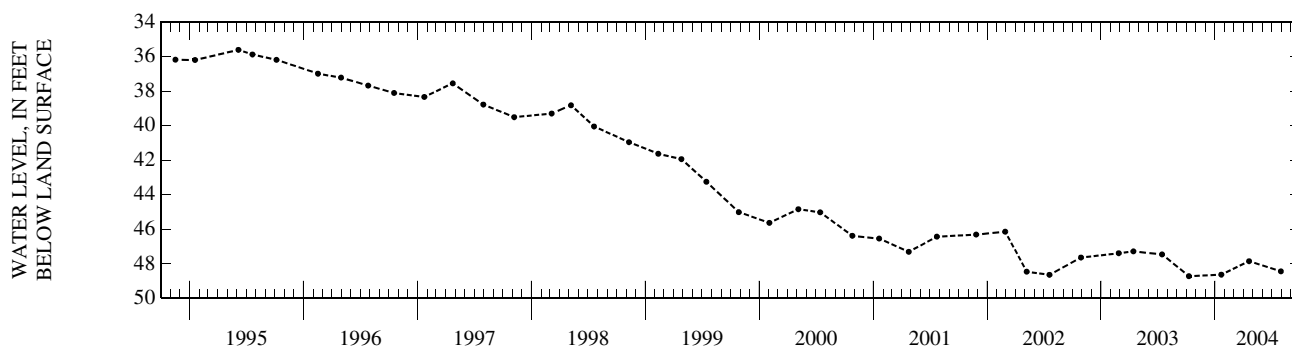
DATUM.--Elevation of land surface datum is 27 ft above NGVD of 1929. Measuring point: Top of 3-in. coupling, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--1960, 1972-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.30 ft above land-surface datum, Apr. 1, 1960; lowest recorded, 48.72 ft below land-surface datum, Oct. 9, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	48.72	JAN 21	48.63	APR 19	47.85	JUL 30	48.44
WATER YEAR 2004		HIGHEST	47.85	APR 19, 2004	LOWEST	48.72	OCT 09, 2003



LOCAL NUMBER.--PC-143, Site ID 305023091393901.

LOCATION.--Lat 30° 50' 21", long 91° 39' 37", Hydrologic Unit 08080101, Sec. 37, T. 3S, R. 8E.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 1,228 ft, screened 1,218-1,228 ft, casing diameter 2 in.

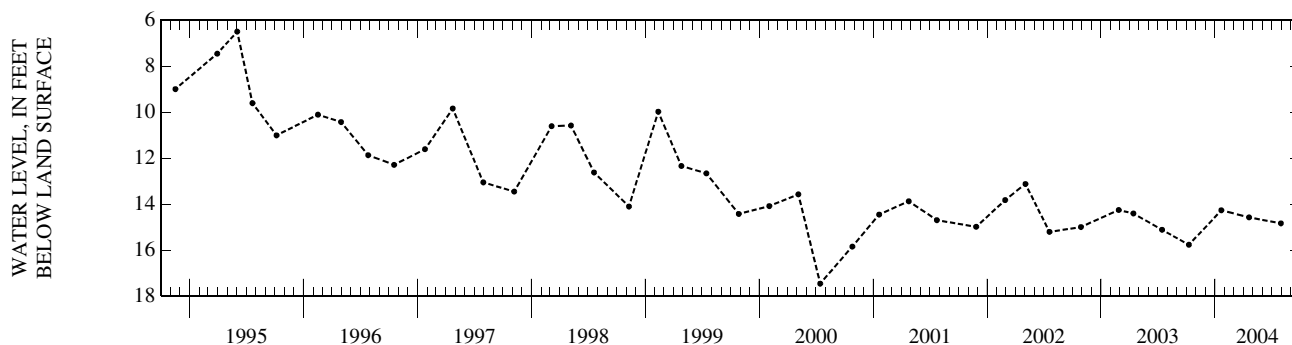
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top of well casing, 1.55 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 18.60 ft above land-surface datum, Apr. 17, 1968; lowest recorded, 17.45 ft below land-surface datum, July 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	15.76	JAN 21	14.26	APR 19	14.57	JUL 30	14.83
WATER YEAR 2004		HIGHEST	14.26	JAN 21, 2004	LOWEST	15.76	OCT 09, 2003



POINTE COUPEE PARISH—Continued

LOCAL NUMBER.--PC-144, Site ID 305023091393902.

LOCATION.--Lat 30° 50'21", long 91° 39'37", Hydrologic Unit 08080101, Sec. 37, T. 3S, R. 8E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 835 ft, screened 825-835 ft, casing diameter 2 in.

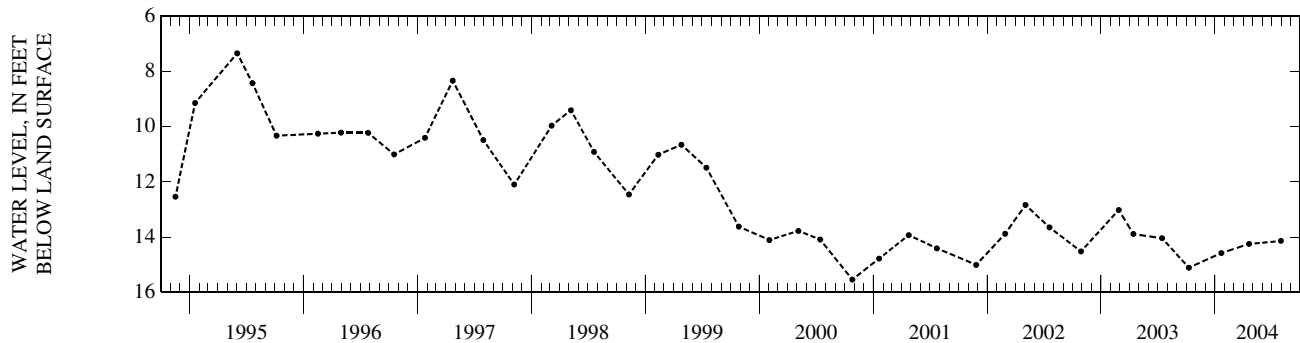
DATUM.--Elevation of land surface datum is 41 ft above NGVD of 1929. Measuring point: Top edge of well casing, 2.1 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.20 ft above land-surface datum, Apr. 17, 1968; lowest recorded, 15.54 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	15.11	JAN 21	14.58	APR 19	14.25	JUL 30	14.14
WATER YEAR 2004		HIGHEST	14.14 JUL 30, 2004	LOWEST	15.11	OCT 09, 2003	



LOCAL NUMBER.--PC-155, Site ID 303250091365001.

LOCATION.--Lat 30° 32'50", long 91° 36'50", Hydrologic Unit 08070300, Sec. 31, T. 6S, R. 8E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 990 ft, screened 970-990 ft, casing diameter 4 to 2 1/2 in.

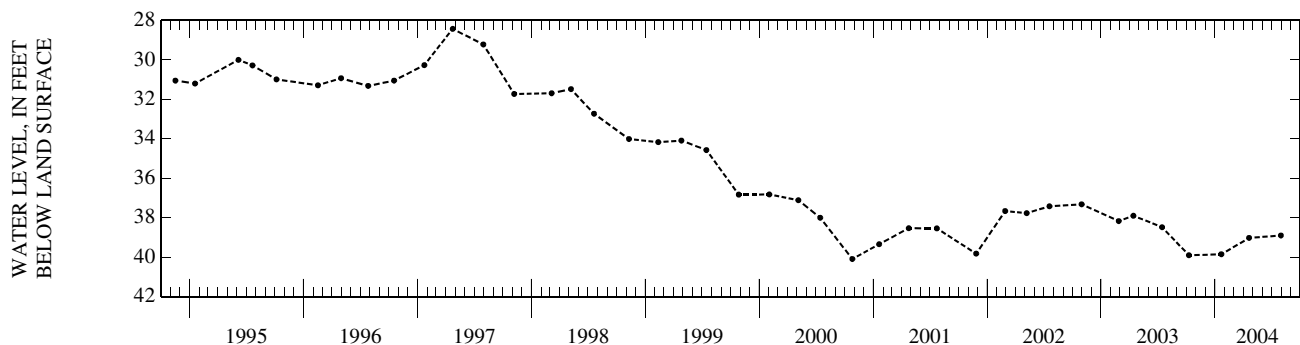
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Hole on west side of sanitary seal, remove yellow bolt, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.20 ft below land-surface datum, Aug. 8, 1975; lowest recorded, 40.09 ft below land-surface datum, Oct. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	39.90	JAN 21	39.85	APR 19	39.02	JUL 30	38.90
WATER YEAR 2004		HIGHEST	38.90 JUL 30, 2004	LOWEST	39.90	OCT 09, 2003	



POINTE COUPEE PARISH—Continued

LOCAL NUMBER.--PC-325, Site ID 303544091232501.

LOCATION.--Lat 30° 35'44", long 91° 23'25", Hydrologic Unit 08070300, Sec. 48, T. 5S, R.11E.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,252 ft, screened 1,211-1,252 ft, casing diameter 24 to 12 in.

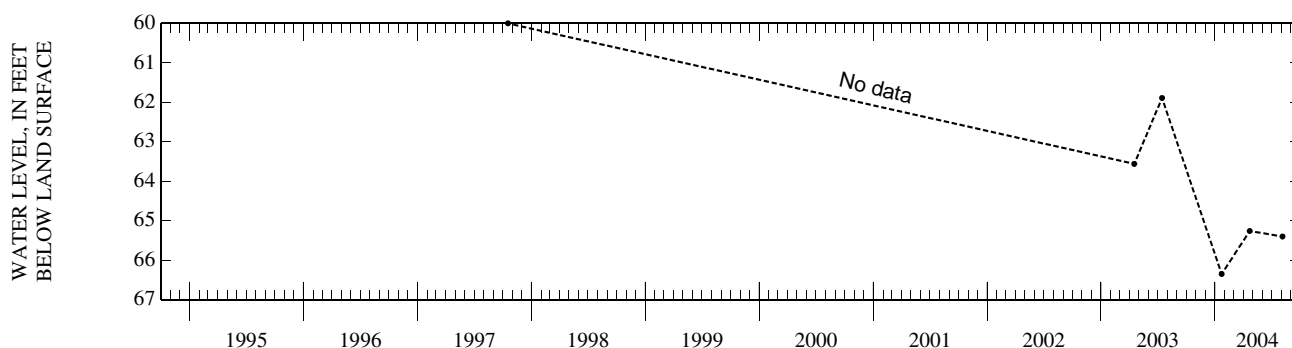
DATUM.--Elevation of land surface datum is 30 ft above NGVD of 1929. Measuring point: 2-in. breather pipe on west side of pump with elbow and breather head removed, 3.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.00 ft below land-surface datum (reported), Oct. 17, 1997; lowest recorded, 66.35 ft below land-surface datum, Jan. 22, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	66.35	APR 21	65.26	AUG 04	65.40
WATER YEAR 2004 HIGHEST 65.26 APR 21, 2004 LOWEST 66.35 JAN 22, 2004					



RAPIDES PARISH

LOCAL NUMBER.--R-18, Site ID 311727092270901.

LOCATION.--Lat 31° 17'27", long 92° 27'09", Hydrologic Unit 08080102, Sec. 7, T. 4N, R. 1W.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 406 ft, screened interval unknown, casing diameter 12 in.

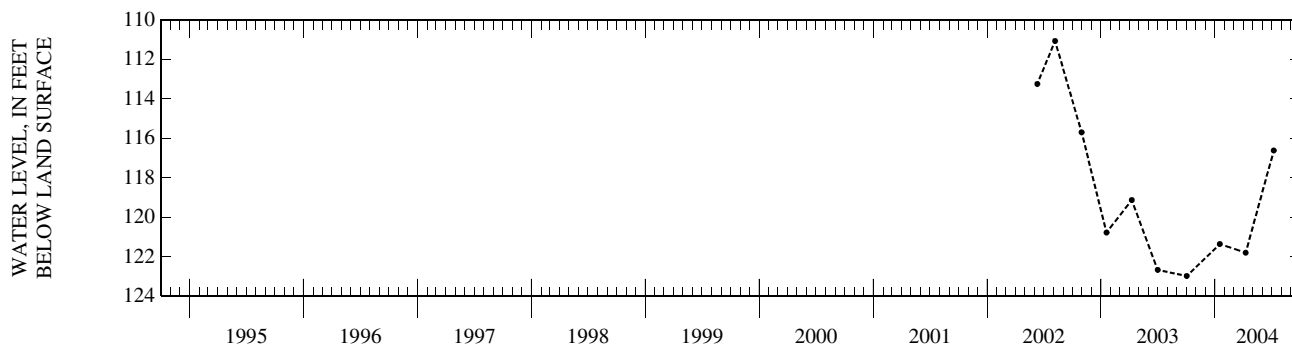
DATUM.--Elevation of land surface datum is 78.53 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. nipple on welded plate, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1939, 1954-87, 1989, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 69.73 ft below land-surface datum, Apr. 29, 1960; lowest recorded, 179.75 ft below land-surface datum, Oct. 21, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	122.97	JAN 16	121.35	APR 08	121.79	JUL 07	116.61
WATER YEAR 2004 HIGHEST 116.61 JUL 07, 2004 LOWEST 122.97 OCT 02, 2003							



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-425, Site ID 312026092322101.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 462 ft, screened 390-462 ft, casing diameter 12 to 8 in.

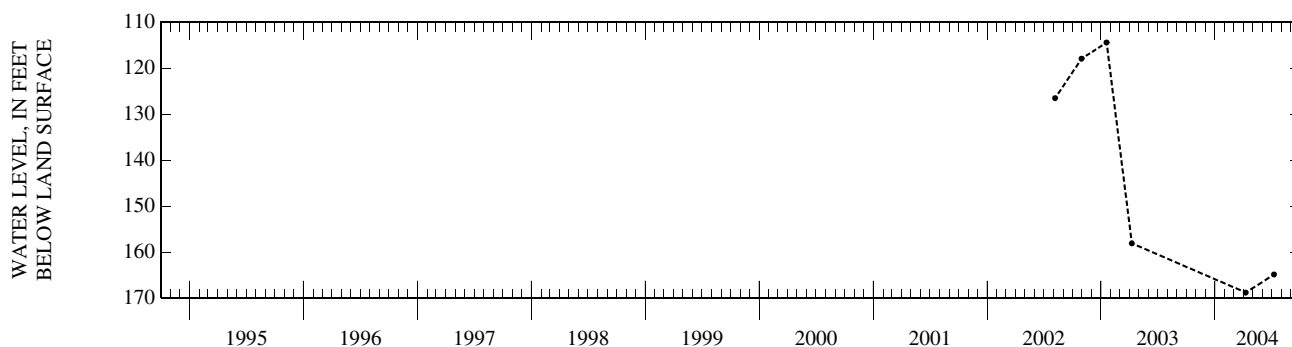
DATUM.--Elevation of land surface datum is 80.60 ft above NGVD of 1929. Measuring point: Bottom lip of 2-in. nipple on north side of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1972-77, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 114.45 ft below land-surface datum, Jan. 18, 2003; lowest recorded, 264.90 ft below land-surface datum, July 28, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 08	168.75	JUL 08	164.82
WATER YEAR 2004 HIGHEST 164.82 JUL 08, 2004 LOWEST 168.75 APR 08, 2004			



LOCAL NUMBER.--R-612, Site ID 312028092304801.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 577 ft, screened 537-577 ft, casing diameter 16 to 10 in.

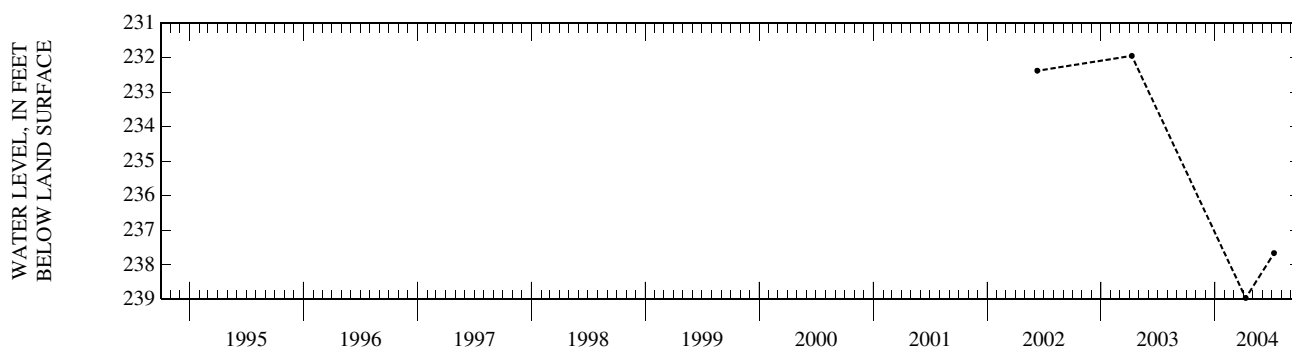
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of 2-in. nipple in plate on top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1956, 1962, 1975-77, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.50 ft below land-surface datum (reported), June 15, 1956; lowest recorded, 238.96 ft below land-surface datum, Apr. 8, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 08	238.96	JUL 08	237.66
WATER YEAR 2004 HIGHEST 237.66 JUL 08, 2004 LOWEST 238.96 APR 08, 2004			



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-723, Site ID 311836092262701.

LOCATION.--Lat 31° 18'36", long 92° 26'27", Hydrologic Unit 08080102, Sec. 7, T. 4N, R. 1W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73 ft, casing diameter 1 1/4 in.

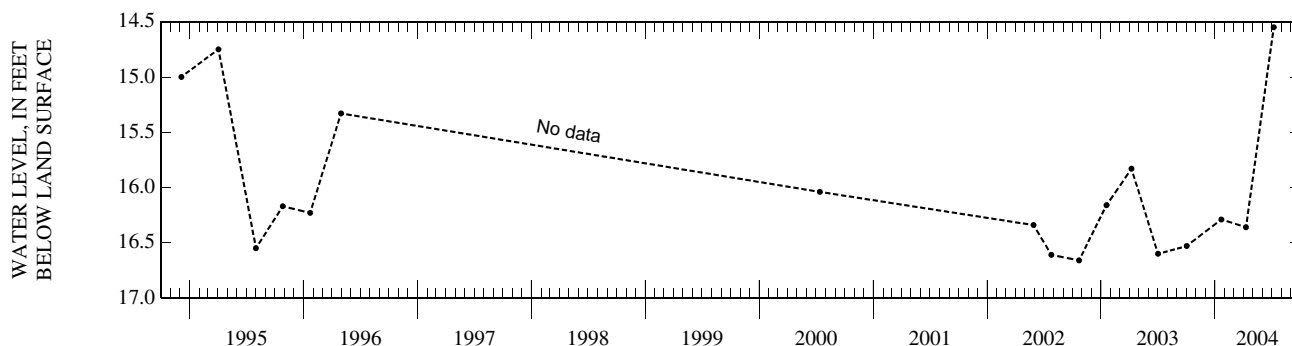
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: File marks on top of 1 1/4-in. casing, 3.95 ft above land-surface datum.

PERIOD OF RECORD.--1958-96, 2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.13 ft above land-surface datum, May 12, 1958; lowest recorded, 39.02 ft below land-surface datum, Oct. 23, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	16.53	JAN 21	16.29	APR 09	16.36	JUL 07	14.55
WATER YEAR 2004 HIGHEST		14.55	JUL 07, 2004	LOWEST		16.53	OCT 02, 2003



LOCAL NUMBER.--R-847, Site ID 310740092380201.

LOCATION.--Lat 31° 07'40", long 92° 38'02", Hydrologic Unit 08080102, Sec. 24, T. 2N, R. 3W.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 105 ft, screened 95-105 ft, casing diameter 4 to 2 in.

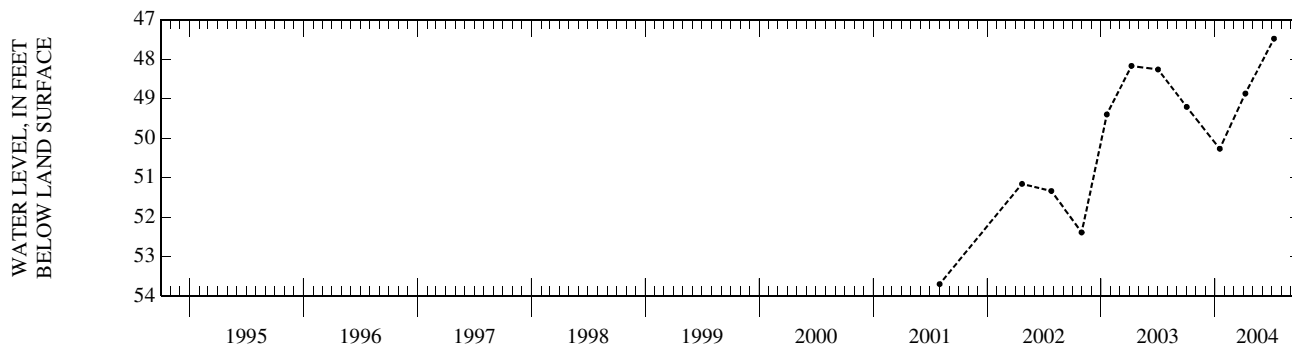
DATUM.--Elevation of land surface datum is 192.90 ft above NGVD of 1929. Measuring point: File marks on top of bushing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1966-87, 1990, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.57 ft below land-surface datum, May 15, 1968, May 20, 1968; lowest recorded, 61.25 ft below land-surface datum, Apr. 9, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	49.21	JAN 16	50.27	APR 07	48.87	JUL 08	47.48
WATER YEAR 2004 HIGHEST		47.48	JUL 08, 2004	LOWEST		50.27	JAN 16, 2004



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-849, Site ID 310612092355301.

LOCATION.--Lat 31° 06' 12", long 92° 35' 53", Hydrologic Unit 08080102, Sec. 32, T. 2N, R. 2W.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 105 ft, screened 95-105 ft, casing diameter 4 to 1 1/2 in.

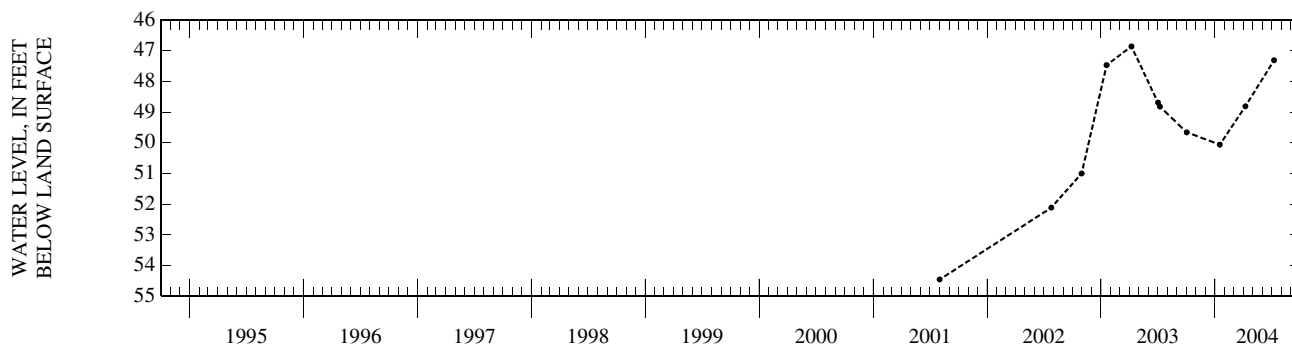
DATUM.--Elevation of land surface datum is 193.09 ft above NGVD of 1929. Measuring point: File marks on top of bushing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1966-87, 1990, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 42.10 ft above land-surface datum, May 10, 1968; lowest recorded, 56.14 ft below land-surface datum, Nov. 10, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	49.66	JAN 16	50.06	APR 07	48.81	JUL 08	47.31
WATER YEAR 2004		HIGHEST	47.31 JUL 08, 2004	LOWEST	50.06 JAN 16, 2004		



LOCAL NUMBER.--R-851, Site ID 310928092421401.

LOCATION.--Lat 31° 09' 28", long 92° 42' 14", Hydrologic Unit 08080102, Sec. 8, T. 2N, R. 3W.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 131 ft, screened 128-131 ft, casing diameter 1 1/4 in.

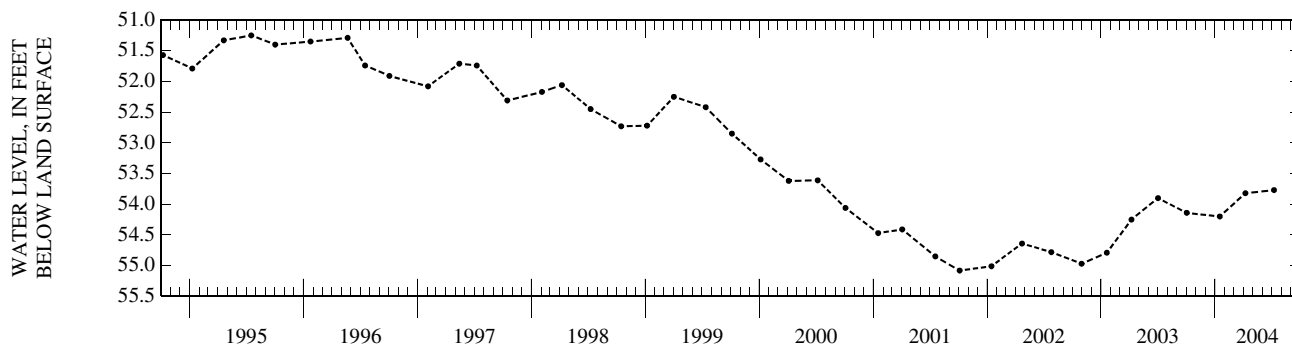
DATUM.--Elevation of land surface datum is 220.55 ft above NGVD of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1966-86, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.44 ft below land-surface datum, July 9, 1993; lowest recorded, 56.79 ft below land-surface datum, Apr. 6, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	54.14	JAN 16	54.20	APR 07	53.82	JUL 08	53.77
WATER YEAR 2004		HIGHEST	53.77 JUL 08, 2004	LOWEST	54.20 JAN 16, 2004		



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-875, Site 311537092263701.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 504 ft, screened 423-473 and 494-504 ft, casing diameter 12 to 8 in.

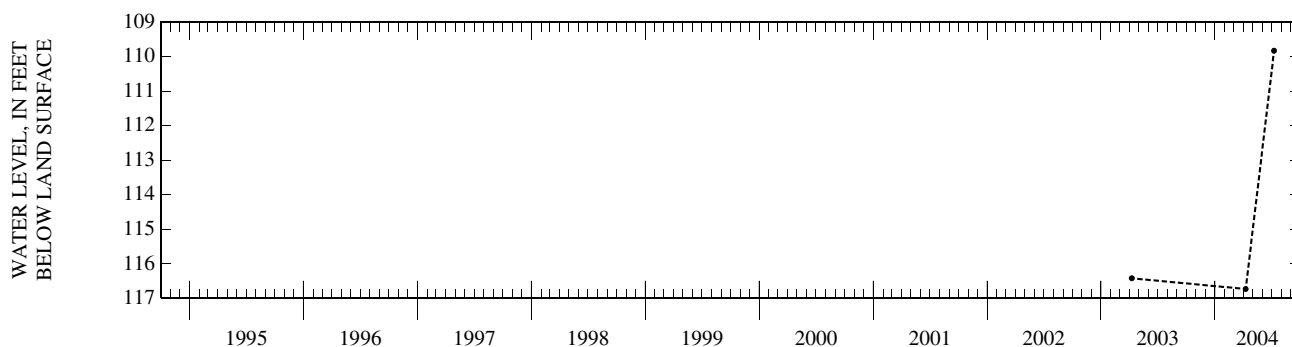
DATUM.--Elevation of land surface datum is 82 ft above NGVD of 1929. Measuring point: Top of 1 1/2-in. pipe on west side of well, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--1967, 1972-73, 1975-77, 1989, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 82.30 above land-surface datum, Nov. 13, 1989; lowest recorded, 123.72 ft below land-surface datum, Jan. 28, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 08	116.73	JUL 08	109.83
WATER YEAR 2004 HIGHEST 109.83 JUL 08, 2004 LOWEST 116.73 APR 08, 2004			



LOCAL NUMBER.--R-879, Site ID 312409092520901.

LOCATION.--Lat 31° 24'09", long 92° 52'09", Hydrologic Unit 08080203, Sec. 22, T. 5N, R. 5W.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 810 ft, screened 800-810 ft, casing diameter 2 in.

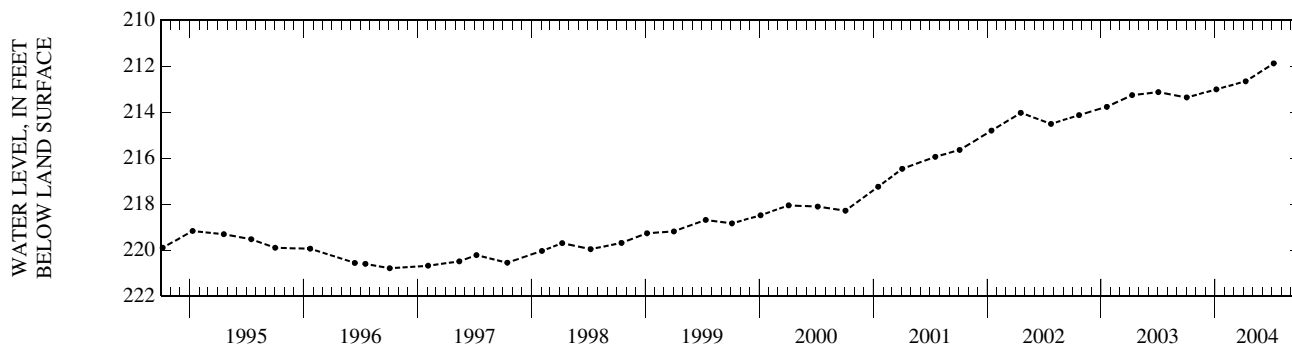
DATUM.--Elevation of land surface datum is 300 ft above NGVD of 1929. Measuring point: Top of casing, 3.9 ft above land-surface datum.

PERIOD OF RECORD.--1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 209.43 ft below land-surface datum, Apr. 8, 1969; lowest recorded, 220.78 ft below land-surface datum, Oct. 3, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	213.36	JAN 05	213.01	APR 08	212.66	JUL 07	211.88
WATER YEAR 2004 HIGHEST 211.88 JUL 07, 2004 LOWEST 213.36 OCT 02, 2003							



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-906, Site ID 310810092364301.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 135 ft, screened 109-135 ft, casing diameter 18 to 12 in.

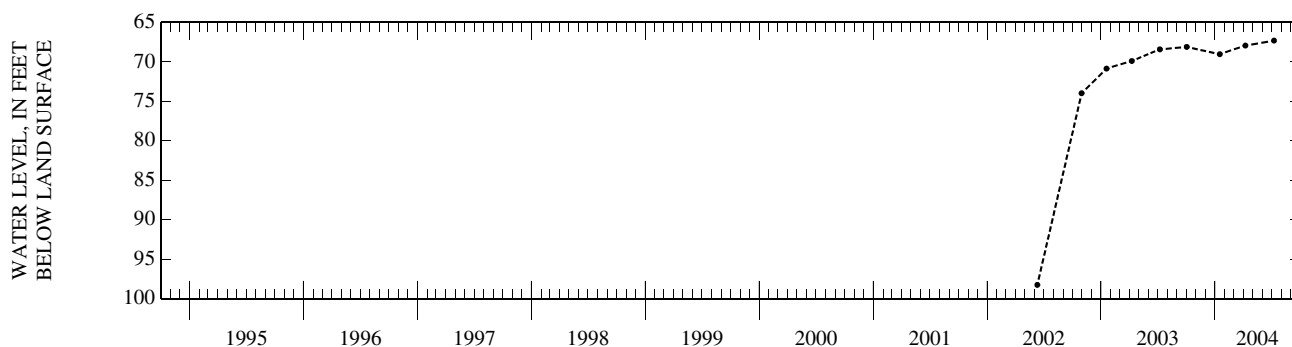
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Bottom edge of 1 1/2-in. breather pipe on south side of well, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1967-80, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.92 ft below land-surface datum, Apr. 26, 1968; lowest recorded, 108.61 ft below land-surface datum, Jan. 18, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	68.11	JAN 16	69.03	APR 07	67.94	JUL 08	67.31
WATER YEAR 2004 HIGHEST		67.31	JUL 08, 2004	LOWEST		69.03	JAN 16, 2004



LOCAL NUMBER.--R-930, Site ID 310609092355703.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 225 ft, screened 183-225 ft, casing diameter 18 to 12 in.

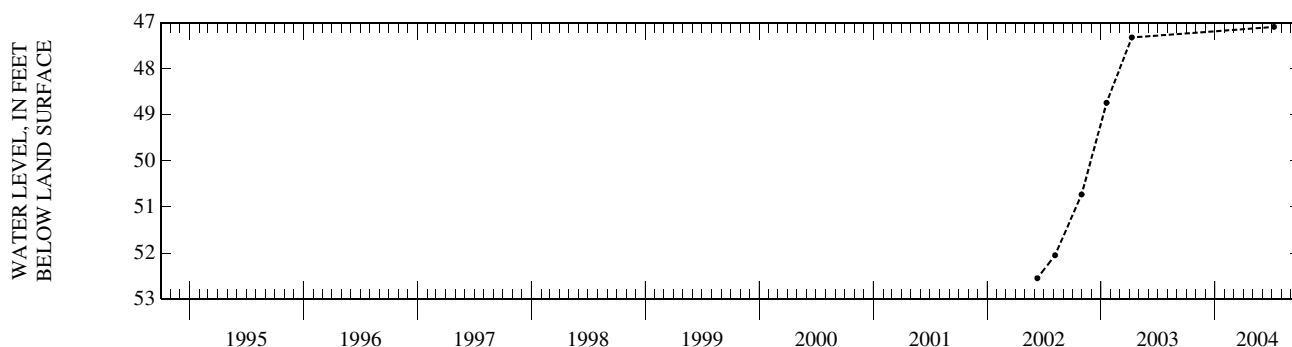
DATUM.--Elevation of land surface datum is 195 ft above NGVD of 1929. Measuring point: Bottom edge of 1 1/2-in. pipe on south side of well, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1967-80, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.84 ft above land-surface datum, June 18, 1975; lowest recorded, 138.54 ft below land-surface datum, Feb. 21, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL
JUL 08	47.09



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1035, Site ID 310806092351801.

LOCATION.--Lat 31° 08' 06", long 92° 35' 18", Hydrologic Unit 08080102, Sec. 20, T. 2N, R. 2W.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 127 ft, screened 124-127 ft, casing diameter 1 1/4 in.

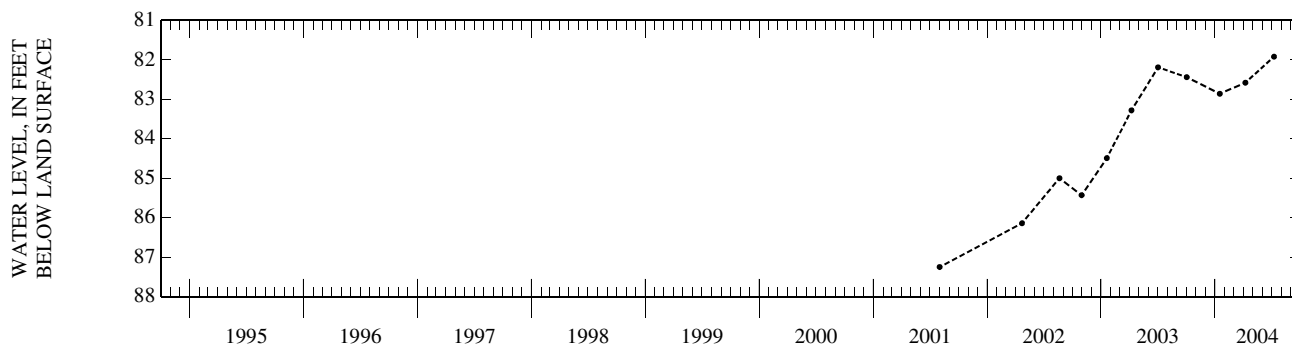
DATUM.--Elevation of land surface datum is 230 ft above NGVD of 1929. Measuring point: File marks on top of 1 1/4-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1973-87, 1990, 1992, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.63 ft below land-surface datum, Nov. 10, 1977 ; lowest recorded, 87.25 ft below land-surface datum, Aug. 1, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	82.44	JAN 16	82.86	APR 07	82.58	JUL 08	81.92
WATER YEAR 2004 HIGHEST		81.92	JUL 08, 2004	LOWEST		82.86	JAN 16, 2004



LOCAL NUMBER.--R-1056, Site ID 311159092441001.

LOCATION.--Lat 31° 11' 59", long 92° 44' 10", Hydrologic Unit 08080102, Sec. 36, T. 3N, R. 4W.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,555 ft, screened 1,545-1,555 ft, casing diameter 2 in.

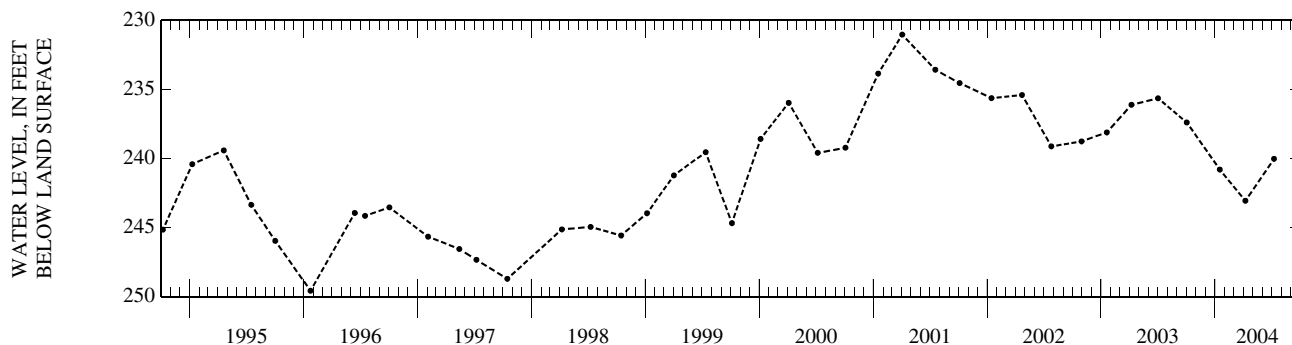
DATUM.--Elevation of land surface datum is 240 ft above NGVD of 1929. Measuring point: Top of bushing, 0.55 ft below land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 157.97 ft below land-surface datum, May 9, 1977; lowest recorded, 249.57 ft below land-surface datum, Jan. 23, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	237.39	JAN 16	240.80	APR 07	243.06	JUL 08	240.02
WATER YEAR 2004 HIGHEST		237.39	OCT 02, 2003	LOWEST		243.06	APR 07, 2004



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1085B, Site ID 310541092293601.

LOCATION.--Lat 31° 05'41", long 92° 29'36", Hydrologic Unit 08080102, Sec. 5, T. 1N, R. 1W.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500 ft, casing diameter 2 in.

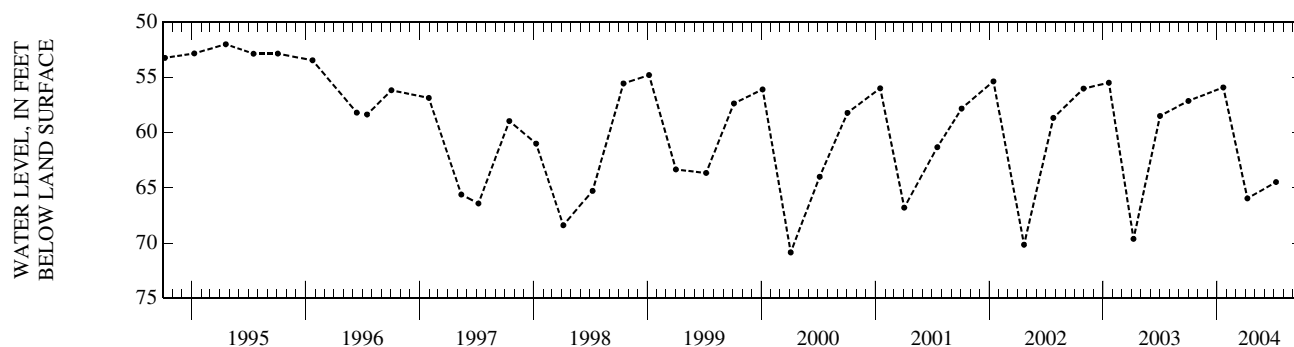
DATUM.--Elevation of land surface datum is 100 ft above NGVD of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--1975-84, 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.60 ft below land-surface datum, May 20, 1975; lowest recorded, 70.85 ft below land-surface datum, Apr. 4, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	57.14	JAN 21	55.92	APR 07	65.96	JUL 08	64.48
WATER YEAR 2004		HIGHEST	55.92 JAN 21, 2004	LOWEST		65.96	APR 07, 2004



LOCAL NUMBER.--R-1193, Site ID 310824092490003.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 571 ft, screened 551-571 ft, casing diameter 6 to 3 in.

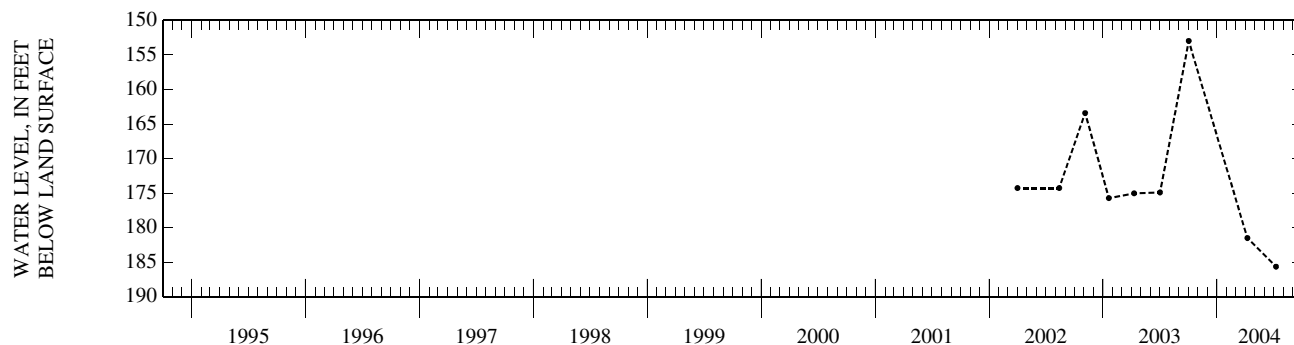
DATUM.--Elevation of land surface datum is 207 ft above NGVD of 1929. Measuring point: 3/4-in. hole in top plate covering casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1980, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 90.00 ft below land-surface datum, June 21, 1980; lowest recorded, 185.66 ft below land-surface datum, July 8, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	
OCT 02	152.97	APR 07	181.51	JUL 08	185.66	
WATER YEAR 2004		HIGHEST	152.97 OCT 02, 2003	LOWEST		185.66 JUL 08, 2004



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1203, Site ID 311612092270606.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 990 ft, screened 937-990 ft, casing diameter 12 3/4 to 8 5/8 in.

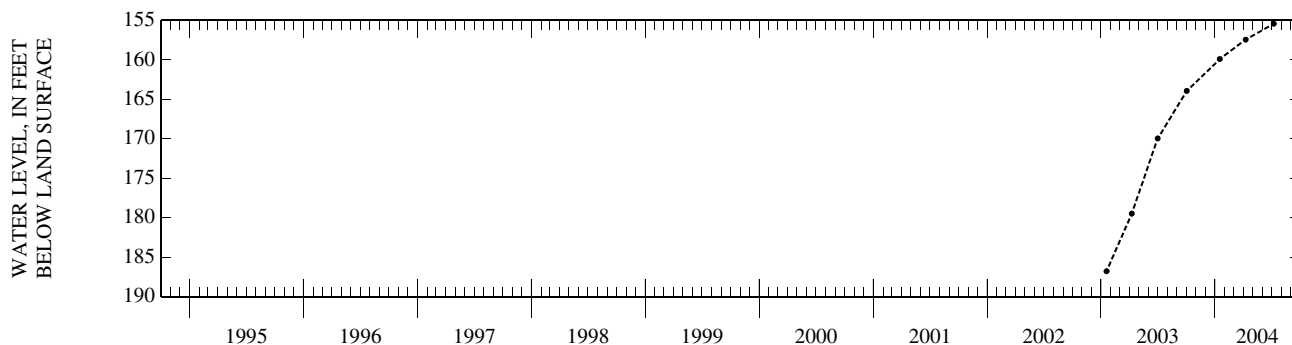
DATUM.--Elevation of land surface datum is 75 ft above NGVD of 1929. Measuring point: Collar on top of plate covering casing, 2.35 ft above land-surface datum.

PERIOD OF RECORD.--1982, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 152.00 ft below land-surface datum (reported), Mar. 17, 1982; lowest recorded, 186.78 ft below land-surface datum, Jan. 18, 2003

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	163.94	JAN 16	159.90	APR 08	157.44	JUL 07	155.43
WATER YEAR 2004 HIGHEST 155.43		JUL 07, 2004		LOWEST 163.94		OCT 02, 2003	



LOCAL NUMBER.--R-1207, Site ID 310007092431601.

LOCATION.--Lat 31° 00'07", long 92° 43'16", Hydrologic Unit 08080203, Sec. 1, T. 1S, R. 4W.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 2,772 ft, screened 2,752-2,772 ft, casing diameter 4 to 2 in.

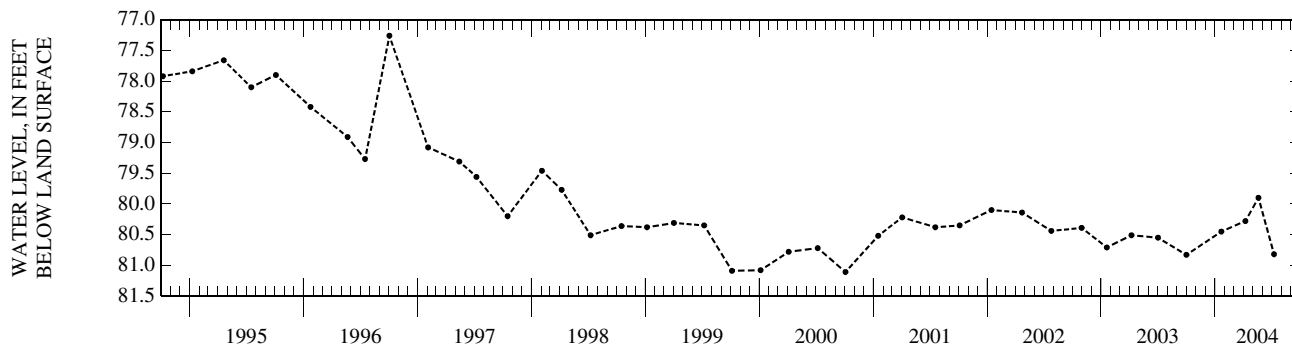
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Bottom of recorder shelter, marked in blue paint, 4.7 ft above land-surface datum.

PERIOD OF RECORD.--1981-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.10 ft below land-surface datum (reported), Dec. 1, 1981; lowest recorded, 81.11 ft below land-surface datum, Oct. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	80.83	JAN 21	80.45	APR 07	80.28	MAY 19	79.90	JUL 08	80.82
WATER YEAR 2004		HIGHEST	79.90	MAY 19, 2004	LOWEST	80.83	OCT 01, 2003		



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1208, Site ID 310007092431602.

LOCATION.--Lat 31° 00'07", long 92° 43'16", Hydrologic Unit 08080203, Sec. 1, T. 1S, R. 4W.

AQUIFER.--Chicot aquifer of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 117 ft, screened 92-117 ft, casing diameter 4 in.

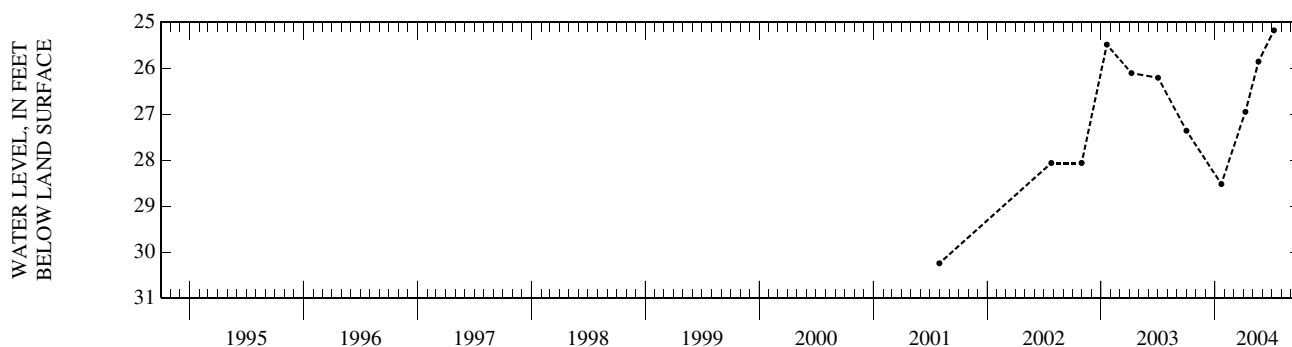
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: File marks on top of casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1981-87, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.18 ft below land-surface datum, July 8, 2004; lowest recorded, 32.41 ft below land-surface datum, Nov. 26, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	27.36	JAN 21	28.52	APR 07	26.95	MAY 19	25.86	JUL 08	25.18
WATER YEAR 2004 HIGHEST 25.18 JUL 08, 2004 LOWEST 28.52 JAN 21, 2004									



LOCAL NUMBER.--R-1299, Site ID 312450092285301.

LOCATION.--Hydrologic Unit 11140207.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 1,060 ft, screened 985-1,015 and 1,040-1,060 ft, casing diameter 12 to 8 in.

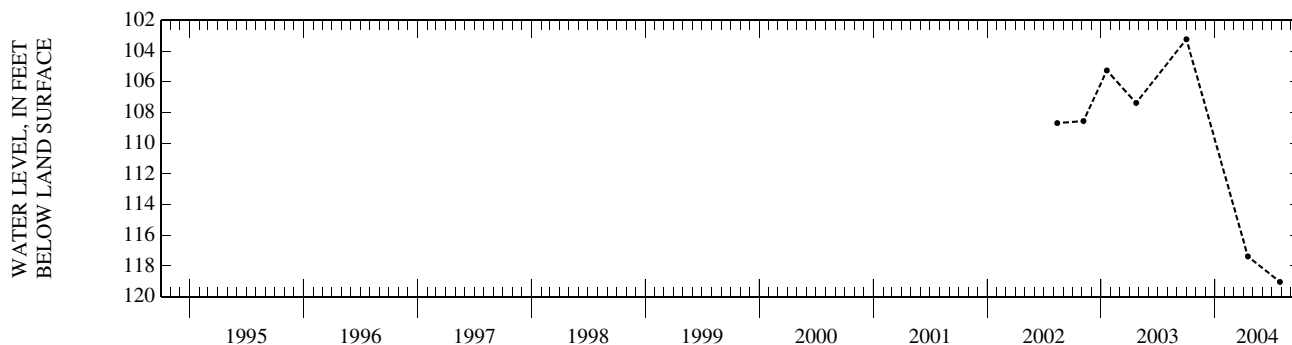
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of breather pipe on south side of well, 2.1 ft above land-surface datum.

PERIOD OF RECORD.--1986, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 84.00 ft below land-surface datum (reported), Jan. 14, 1986; lowest recorded, 119.04 ft below land-surface datum, July 27, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	103.23	APR 15	117.38	JUL 27	119.04
WATER YEAR 2004 HIGHEST 103.23 OCT 01, 2003 LOWEST 117.38 APR 15, 2004					



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1307, Site ID 312038092192601.

LOCATION.--Hydrologic Unit 08040301.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 803 ft, screened 768-803 ft, casing diameter 20 to 12 3/4 to 8 5/8 in.

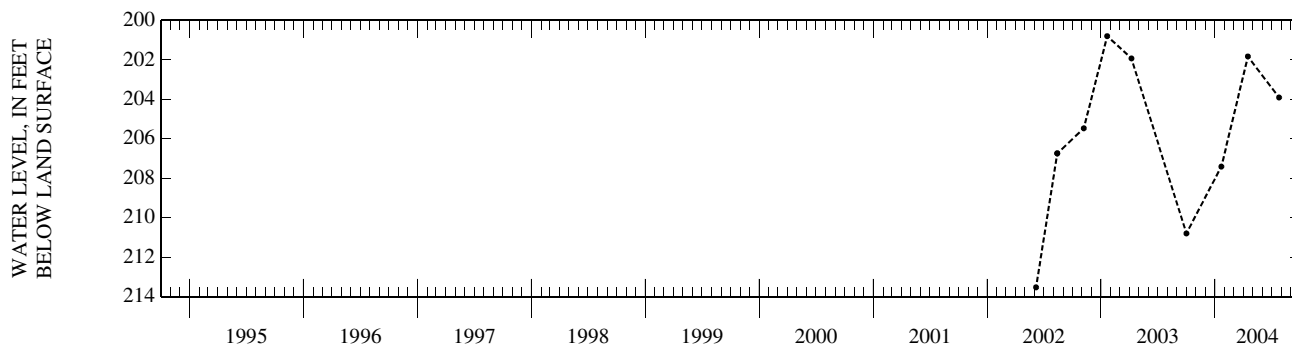
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Bottom edge of access pipe on north side of well, 1.45 ft above land-surface datum.

PERIOD OF RECORD.--1986, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 180.00 ft below land-surface datum (reported), Aug. 11, 1986; lowest recorded, 213.53 ft below land-surface datum, June 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	210.80	JAN 21	207.41	APR 15	201.83	JUL 24	203.91
WATER YEAR 2004		HIGHEST	201.83 JAN 21, 2004	LOWEST	210.80	OCT 01, 2003	



LOCAL NUMBER.--R-1310, Site ID 312030092534701.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 535 ft, screened 505-535 ft, casing diameter 8 5/8 to 6 in.

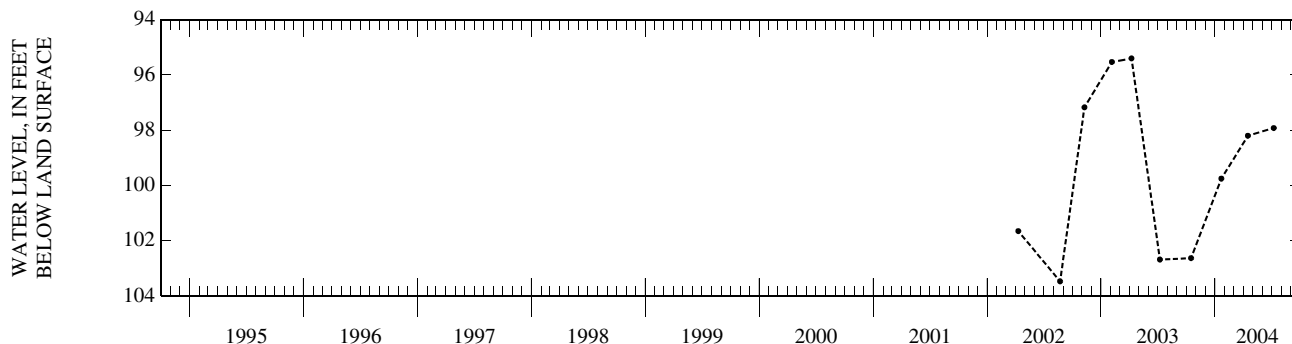
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of 2-in. access pipe on west side under pump, 1.42 ft above land-surface datum.

PERIOD OF RECORD.--1987, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.00 ft below land-surface datum (reported), Apr. 2, 1987; lowest recorded, 103.47 ft below land-surface datum, Aug. 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	102.63	JAN 21	99.75	APR 15	98.20	JUL 07	97.92
WATER YEAR 2004		HIGHEST	97.92 JUL 07, 2004	LOWEST	102.63	OCT 16, 2003	



RAPIDES PARISH—Continued

LOCAL NUMBER.--R-1431, Site ID 310814092364401.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 528 ft, screened 460-524 ft, casing diameter 14 in.

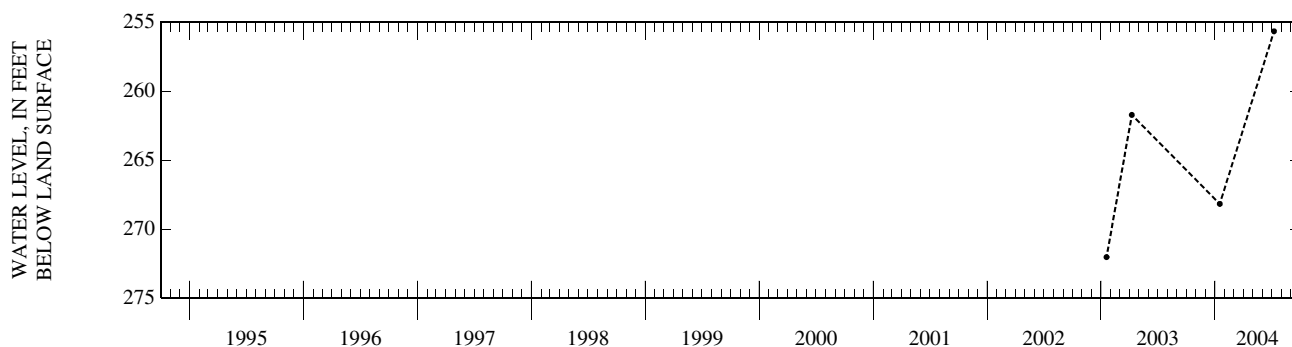
DATUM.--Elevation of land surface datum is 205 ft above NGVD of 1929. Measuring point: Bottom edge of 2-in. access pipe on south side of well, 1.9 ft below land-surface datum.

PERIOD OF RECORD.--2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 255.67 ft below land-surface datum, July 8, 2004; lowest recorded, 272.02 ft below land-surface datum, Jan. 18, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16	268.17	JUL 08	255.67
WATER YEAR 2004 HIGHEST 255.67 JUL 08, 2004 LOWEST 268.17 JAN 16, 2004			



LOCAL NUMBER.--R-1483, Site ID 311851092314001.

LOCATION.--Lat 31° 18'50", long 92° 31'39", Hydrologic Unit 08080102, Sec. 54, T. 4N, R. 2W.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 634 ft, screened 570-630 ft, casing diameter 12 in.

DATUM.--Elevation of land surface datum is 85 ft above NGVD of 1929. Measuring point: Nipple on top of sanitary seal, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--2001, and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 144.0 ft below land-surface datum (reported), Aug. 19, 2001; lowest recorded, 169.77 ft below land-surface datum, May 19, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL
MAY 19	153.11

LOCAL NUMBER.--R-1484, Site ID 311942092313301.

LOCATION.--Lat 31° 19'41", long 92° 31'32", Hydrologic Unit 08080102, Sec. 34, T. 4N, R. 2W.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 364 ft, screened 300-364 ft, casing diameter 12 in.

DATUM.--Elevation of land surface datum is 85 ft above NGVD of 1929. Measuring point: Welded nipple on top of sanitary seal, 2.7 ft above land-surface datum.

PERIOD OF RECORD.--2001, and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 132.02 ft below land-surface datum, May 19, 2004; lowest recorded, 136.67 ft below land-surface datum, July 24, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL
MAY 19	132.02

RED RIVER PARISH

LOCAL NUMBER.--RR-210, Site ID 315743093204601.

LOCATION.--Lat 31° 57'43", long 93° 20'46", Hydrologic Unit 11140206, Sec. 1, T.11N, R.10W.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 56 ft, screened 53-56 ft, casing diameter 3 in.

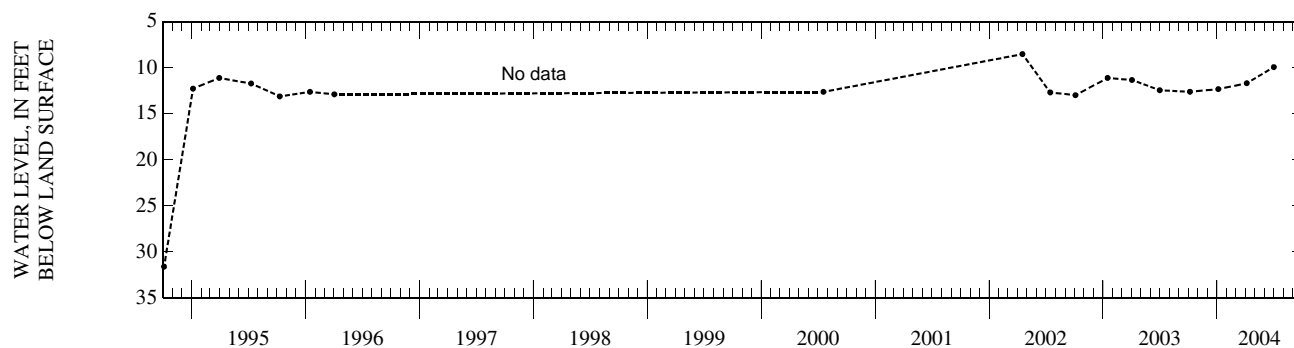
DATUM.--Elevation of land surface datum is 133.48 ft above NGVD of 1929. Measuring point: File marks in top of bushing, 3.8 ft above land-surface datum.

PERIOD OF RECORD.--1971-96, 2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.62 ft below land-surface datum, May 23, 1990; lowest recorded, 33.23 ft below land-surface datum, May 9, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	12.61	JAN 05	12.32	APR 05	11.68	JUL 01	9.93
WATER YEAR 2004 HIGHEST 9.93		JUL 01, 2004		LOWEST 12.61		OCT 06, 2003	



LOCAL NUMBER.--RR-274, Site ID 321010093143901.

LOCATION.--Lat 32° 10'10", long 93° 14'39", Hydrologic Unit 11140209, Sec. 25, T.14N, R. 9W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 206 ft, screened 196-206 ft, casing diameter 2 in.

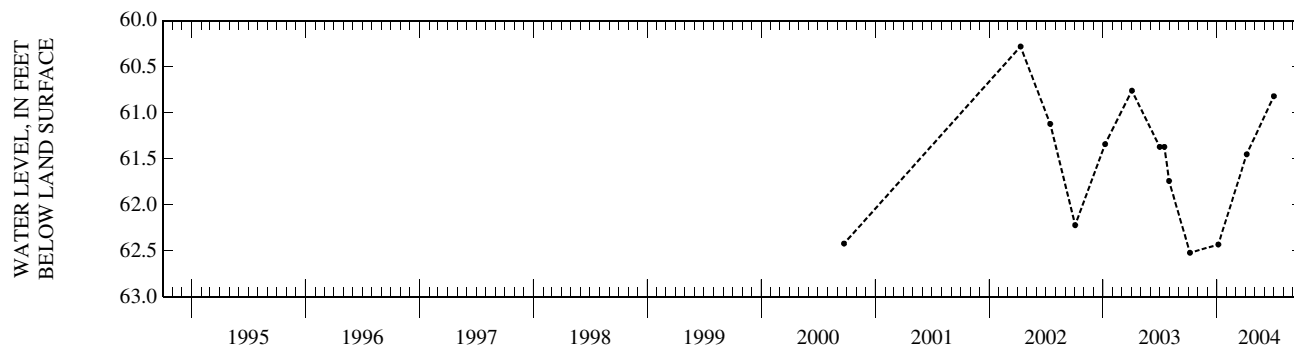
DATUM.--Elevation of land surface datum is 235 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1979-87, 2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.82 ft below land-surface datum, July 1, 2004; lowest recorded, 62.52 ft below land-surface datum, Oct. 6, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	62.52	JAN 05	62.43	APR 05	61.45	JUL 01	60.82
WATER YEAR 2004 HIGHEST 60.82		JUL 01, 2004		LOWEST 62.52		OCT 06, 2003	



RED RIVER PARISH—Continued

LOCAL NUMBER.--RR-276, Site ID 321010093143902.

LOCATION.--Lat 32° 10' 10", long 93° 14' 39", Hydrologic Unit 11140209, Sec. 25, T. 14N, R. 9W.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 42 ft, screened 39-42 ft, casing diameter 1 1/4 in.

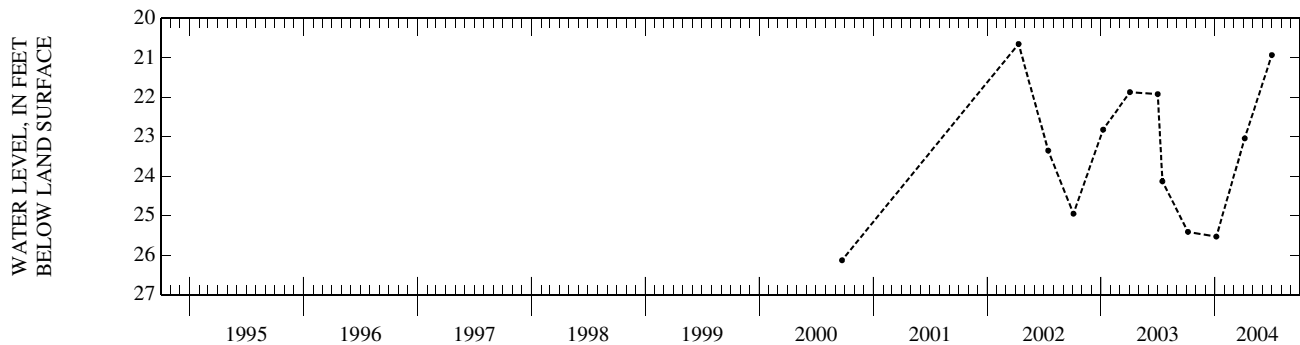
DATUM.--Elevation of land surface datum is 235 ft above NGVD of 1929. Measuring point: File marks on top of 1 1/4-in. casing, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1980-87, 2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.65 ft below land-surface datum, Apr. 11, 2002; lowest recorded, 27.74 ft below land-surface datum, Oct. 8, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	25.41	JAN 05	25.53	APR 05	23.04	JUL 01	20.93
WATER YEAR 2004 HIGHEST		20.93	JUL 01, 2004	LOWEST	25.53	JAN 05, 2004	



LOCAL NUMBER.--RR-278, Site ID 320316093114201.

LOCATION.--Lat 32° 03' 16", long 93° 11' 42", Hydrologic Unit 11140209, Sec. 4, T. 12N, R. 8W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 348 ft, screened 338-348 ft, casing diameter 2 in.

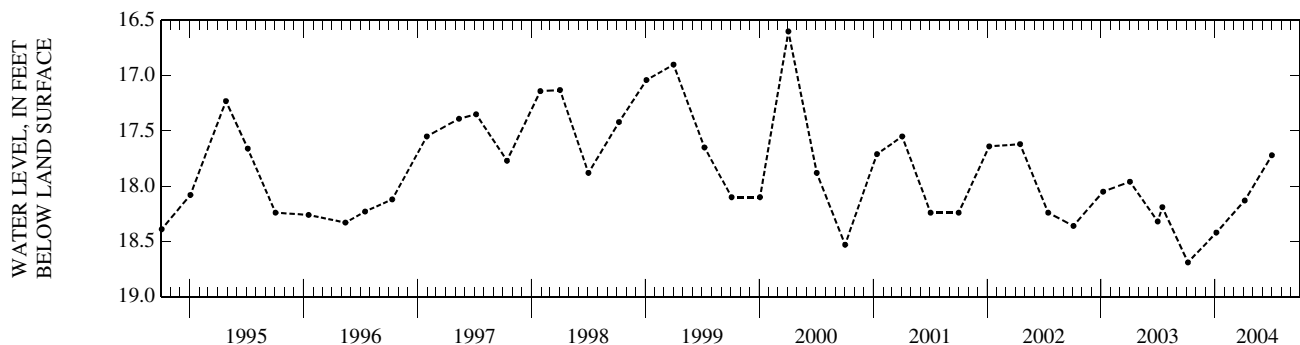
DATUM.--Elevation of land surface datum is 160 ft above NGVD of 1929. Measuring point: Top of bushing, at land-surface datum.

PERIOD OF RECORD.--1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.60 ft below land-surface datum, Apr. 3, 2000; lowest recorded, 20.58 ft below land-surface datum, Nov. 24, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	18.69	JAN 05	18.42	APR 05	18.13	JUL 01	17.72
WATER YEAR 2004 HIGHEST		17.72	JUL 01, 2004	LOWEST	18.69	OCT 06, 2003	



RICHLAND PARISH

LOCAL NUMBER.--Ri-89, Site ID 323029091430001.

LOCATION.--Lat 32° 30' 29", long 91° 43' 00", Hydrologic Unit 08050001, Sec. 26, T.18N, R. 7E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 300 ft, screened 290-300 ft, casing diameter 2 in.

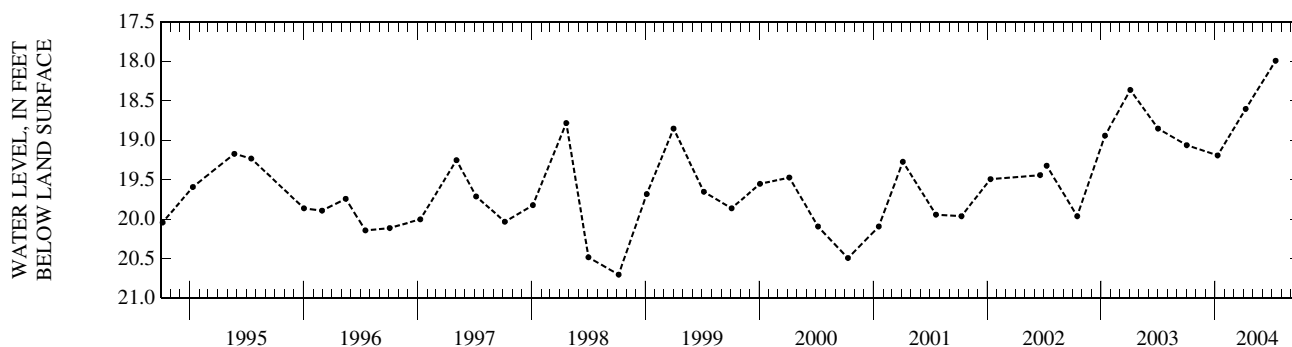
DATUM.--Elevation of land surface datum is 84 ft above NGVD of 1929. Measuring point: Top of casing, 4.2 ft above land-surface datum.

PERIOD OF RECORD.--1969-73, 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.75 ft below land-surface datum, May 21, 1975; lowest recorded, 21.23 ft below land-surface datum, Sep. 10, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	19.06	JAN 09	19.19	APR 08	18.60	JUL 13	17.99
WATER YEAR 2004		HIGHEST	17.99 JUL 13, 2004	LOWEST	19.19 JAN 09, 2004		



LOCAL NUMBER.--Ri-91, Site ID 322706091453401.

LOCATION.--Lat 32° 27' 06", long 91° 45' 34", Hydrologic Unit 08050001, Sec. 16, T.17N, R. 7E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 180 ft, screened 170-180 ft, casing diameter 2 in.

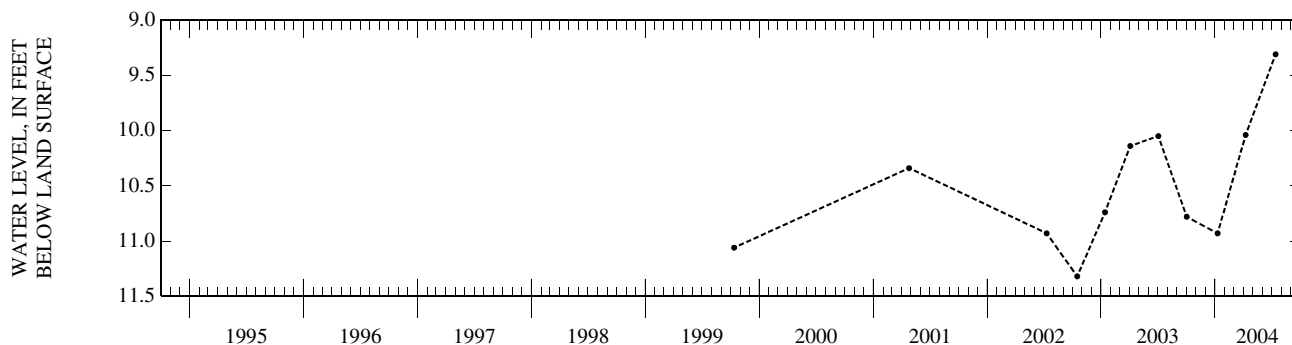
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of casing, 3.9 ft above land-surface datum.

PERIOD OF RECORD.--1969-87, 1999, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.19 ft below land-surface datum, May 3, 1984; lowest recorded, 13.98 ft below land-surface datum, Nov. 30, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	10.78	JAN 09	10.93	APR 08	10.04	JUL 13	9.31
WATER YEAR 2004		HIGHEST	9.31 JUL 13, 2004	LOWEST	10.93 JAN 09, 2004		



RICHLAND PARISH—Continued

LOCAL NUMBER.--Ri-92, Site ID 322706091453402.

LOCATION.--Lat 32° 27'06", long 91° 45'34", Hydrologic Unit 08050001, Sec. 16, T.17N, R. 7E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 153 ft, screened 143-153 ft, casing diameter 4 to 2 in.

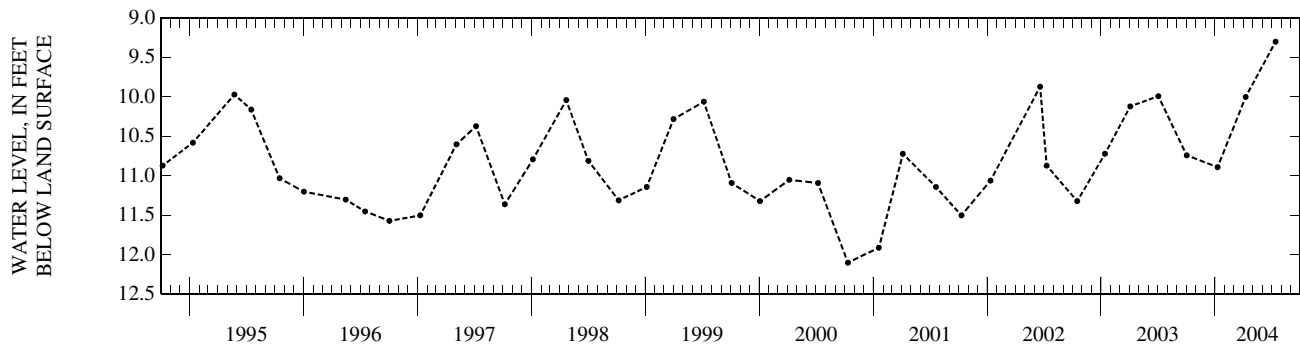
DATUM.--Elevation of land surface datum is 80 ft above NGVD of 1929. Measuring point: Top of hole in casing cap, 4.3 ft above land-surface datum.

PERIOD OF RECORD.--1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.08 ft below land-surface datum, Apr. 3, 1992; lowest recorded, 13.98 ft below land-surface datum, Nov. 30, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	10.74	JAN 09	10.89	APR 08	10.00	JUL 13	9.30
WATER YEAR 2004		HIGHEST	9.30 JUL 13, 2004	LOWEST	10.89	JAN 09, 2004	



SABINE PARISH

LOCAL NUMBER.--Sa-386, Site ID 311828093270301.

LOCATION.--Lat 31° 18'28", long 93° 27'03", Hydrologic Unit 12010005, Sec. 24, T. 4N, R.11W.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 131 ft, screened 126-131 ft, casing diameter 2 in.

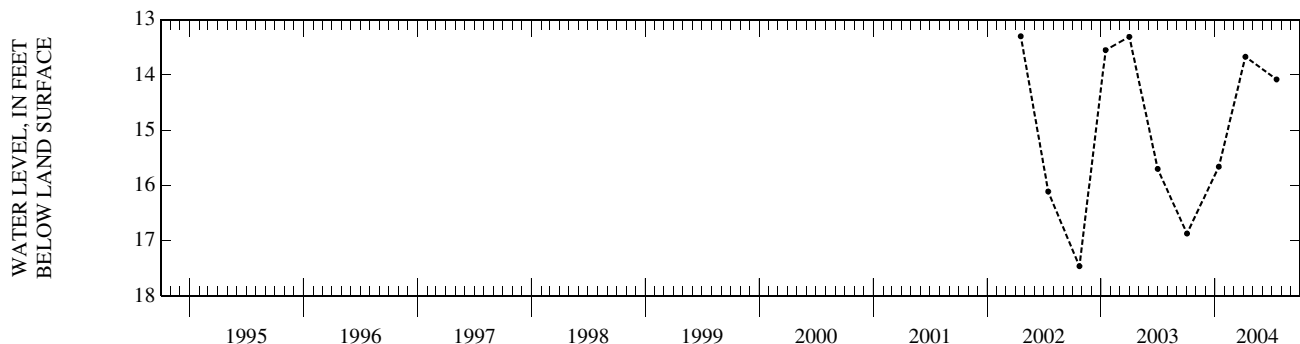
DATUM.--Elevation of land surface datum is 242 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 2.2 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.78 ft below land-surface datum, Apr. 24, 1973, May 19, 1975; lowest recorded, 17.73 ft below land-surface datum, Oct. 29, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	16.87	JAN 13	15.66	APR 07	13.67	JUL 16	14.08
WATER YEAR 2004		HIGHEST	13.67 APR 07, 2004	LOWEST	16.87	OCT 03, 2003	



SABINE PARISH—Continued

LOCAL NUMBER.--Sa-392, Site ID 312206093311001.

LOCATION.--Lat 31° 22' 06", long 93° 31' 10", Hydrologic Unit 12010005, Sec. 32, T. 5N, R.11W.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 544 ft, screened 539-544 ft, casing diameter 2 in.

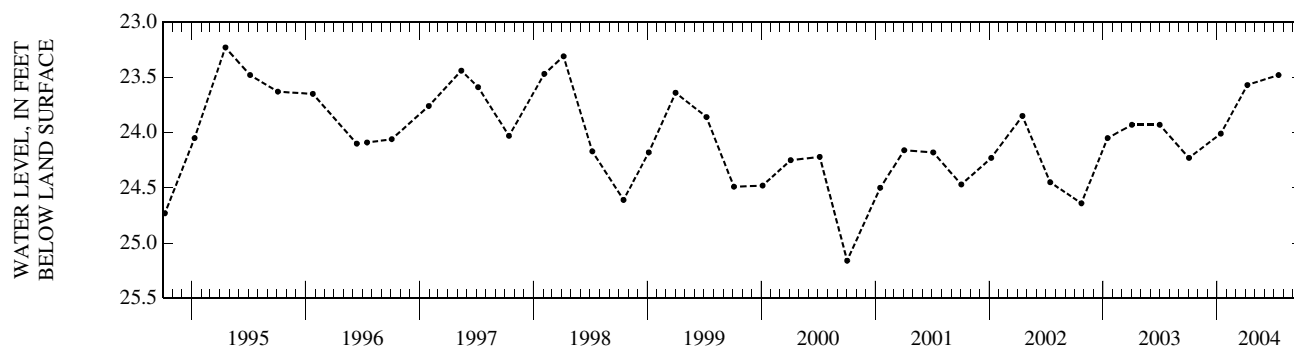
DATUM.--Elevation of land surface datum is 242 ft above NGVD of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.23 ft below land-surface datum, Apr. 19, 1995; lowest recorded, 26.30 ft below land-surface datum, Nov. 13, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	24.23	JAN 13	24.01	APR 07	23.57	JUL 16	23.48
WATER YEAR 2004		HIGHEST	23.48	JUL 16, 2004	LOWEST	24.23	OCT 03, 2003



LOCAL NUMBER.--Sa-394, Site ID 313748093451001.

LOCATION.--Lat 31° 37' 48", long 93° 45' 10", Hydrologic Unit 12010004, Sec. 36, T. 8N, R.14W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 278 ft, screened 273-278 ft, casing diameter 2 in.

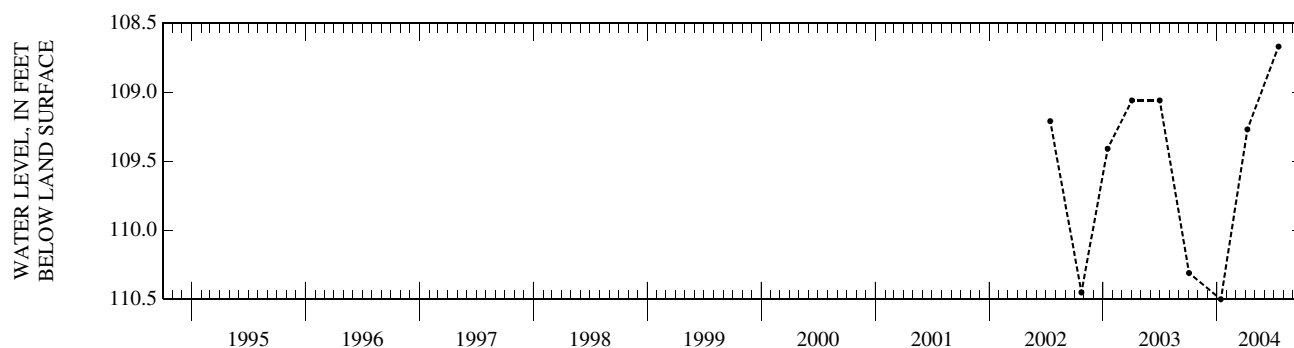
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: File marks on top of 2-in. casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 106.74 ft below land-surface datum, Apr. 9, 1975; lowest recorded, 118.85 ft below land-surface datum, Oct. 4, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	110.31	JAN 13	110.50	APR 07	109.27	JUL 16	108.67
WATER YEAR 2004		HIGHEST	108.67	JUL 16, 2004	LOWEST	110.50	JAN 13, 2004



SABINE PARISH—Continued

LOCAL NUMBER.--Sa-465, Site ID 312725093325301.

LOCATION.--Lat 31° 27' 25", long 93° 32' 53", Hydrologic Unit 12010004, Sec. 39, T. 6N, R.12W.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 80 ft, screened 70-80 ft, casing diameter 2 in.

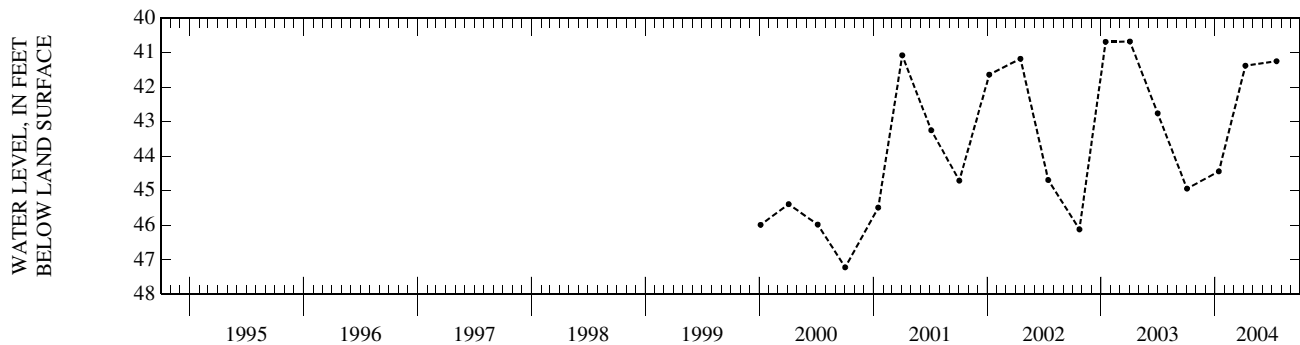
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: File marks on top of casing, 4.04 ft above land-surface datum.

PERIOD OF RECORD.--1978-87, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.55 ft below land-surface datum, May 28, 1980; lowest recorded, 47.46 ft below land-surface datum, Sep. 21, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	44.94	JAN 13	44.44	APR 07	41.38	JUL 16	41.25
WATER YEAR 2004		HIGHEST	41.25	JUL 16, 2004	LOWEST	44.94	OCT 03, 2003



ST. HELENA PARISH

LOCAL NUMBER.--SH-9, Site ID 305300090502701.

LOCATION.--Lat 30° 53' 00", long 90° 50' 27", Hydrologic Unit 08070202, Sec. 73, T. 2S, R. 4E.

AQUIFER.--Zone 3 Florida Parishes and Pointe Coupee Parish of Miocene age (12203FP).

WELL CHARACTERISTICS.--Depth 2,135 ft, screened 2,106-2,135 ft, casing diameter 4 to 2 1/2 in.

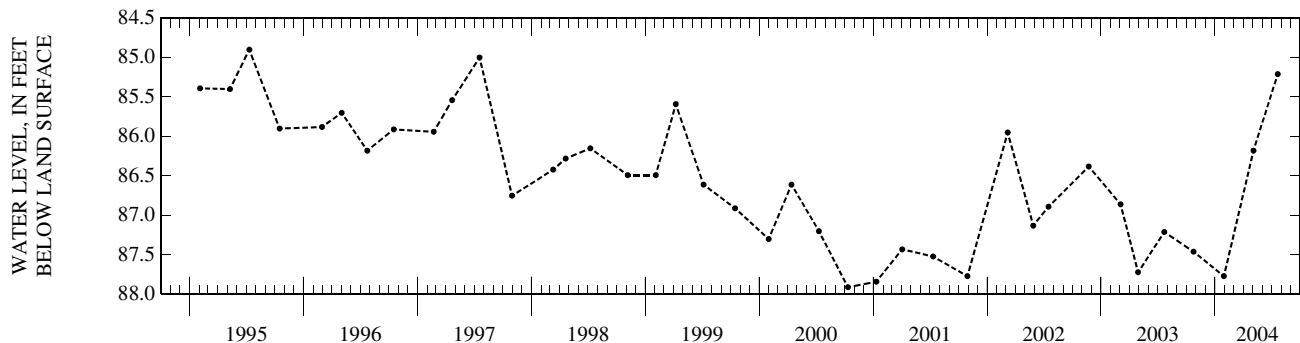
DATUM.--Elevation of land surface datum is 165 ft above NGVD of 1929. Measuring point: 3/8-in hole in top of sanitary seal, 1.28 ft above land-surface datum.

PERIOD OF RECORD.--1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.70 ft below land-surface datum, June 25, 1960; lowest recorded, 87.97 ft below land-surface datum, Jan. 30, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	87.46	JAN 29	87.77	MAY 03	86.18	JUL 20	85.21
WATER YEAR 2004		HIGHEST	85.21	JUL 20, 2004	LOWEST	87.77	JAN 29, 2004



ST. HELENA PARISH—Continued

LOCAL NUMBER.--SH-48, Site ID 305519090481801.

LOCATION.--Lat 30° 55'19", long 90° 48'18", Hydrologic Unit 08070202, Sec. 43, T. 1S, R. 4E.

AQUIFER.--Upland terrace of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth unknown, screen unknown, casing diameter 4 to 2 1/2 in.

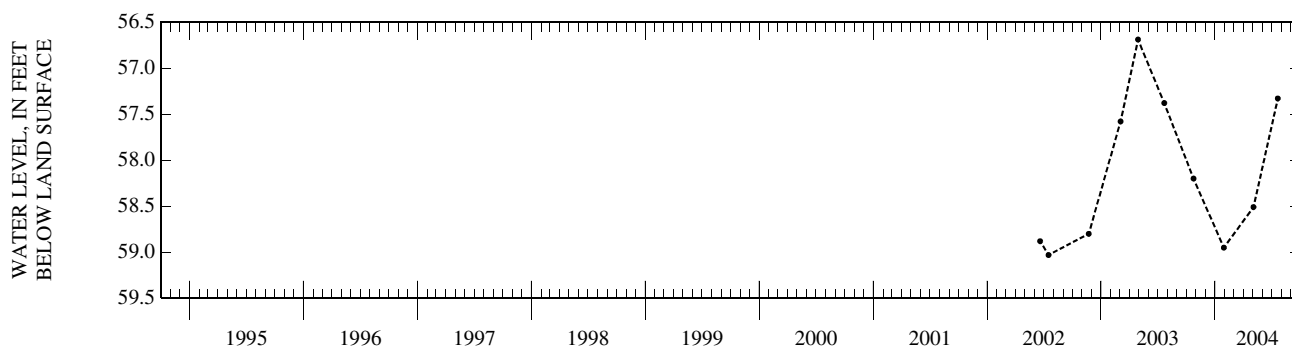
DATUM.--Elevation of land surface datum is 245 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1984, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.49 ft below land-surface datum, Mar. 4, 1991; lowest recorded, 59.03 ft below land-surface datum, July 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	58.20	JAN 29	58.95	MAY 03	58.51	JUL 20	57.33
WATER YEAR 2004		HIGHEST	57.33 JUL 20, 2004	LOWEST	58.95	JAN 29, 2004	



LOCAL NUMBER.--SH-56, Site ID 303912090542701.

LOCATION.--Lat 30° 39'12", long 90° 54'27", Hydrologic Unit 08070202, Sec. 50, T. 4S, R. 3E.

AQUIFER.--Upland terrace of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 160 ft, screened 145-160 ft, casing diameter 4 in.

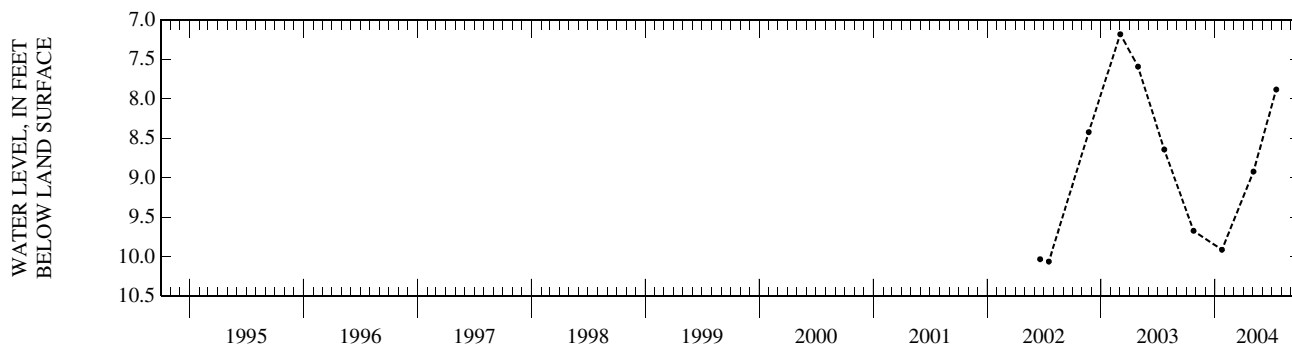
DATUM.--Elevation of land surface datum is 77 ft above NGVD of 1929. Measuring point: Top of 4-in. PVC pipe, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1984, 1988-89, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.30 ft below land-surface datum, July 13, 1989; lowest recorded, 10.06 ft below land-surface datum, July 17, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	9.67	JAN 23	9.91	MAY 03	8.92	JUL 15	7.88
WATER YEAR 2004		HIGHEST	7.88 JUL 15, 2004	LOWEST	9.91	JAN 23, 2004	



ST. HELENA PARISH—Continued

LOCAL NUMBER.--SH-76, Site ID 305540090374701.

LOCATION.--Lat 30° 55'40", long 90° 37'47", Hydrologic Unit 08070205, Sec. 43, T. 1S, R. 6E.

AQUIFER.--Upland terrace of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 80 ft, screened 70-80 ft, casing diameter 4 in.

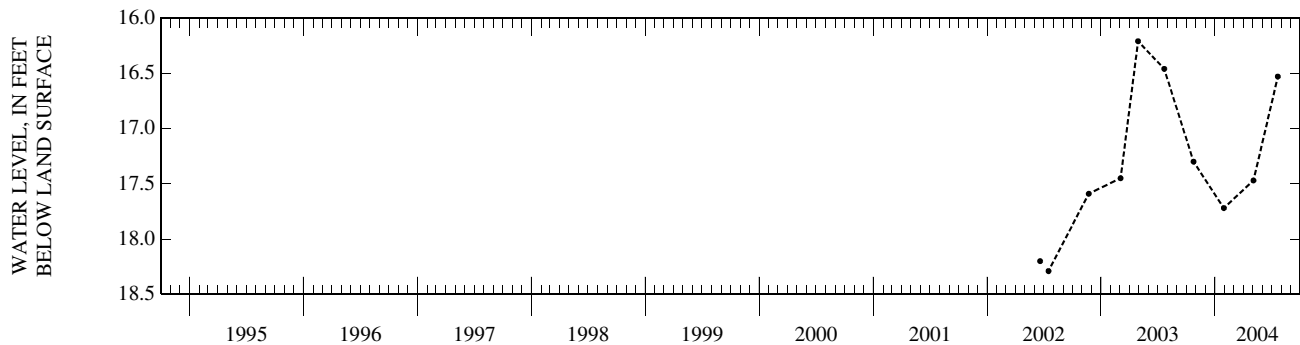
DATUM.--Elevation of land surface datum is 250 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.2 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.78 ft below land-surface datum, Mar. 4, 1991; lowest recorded, 20.00 ft below land-surface datum (reported), Jan 16, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	17.30	JAN 29	17.72	MAY 03	17.47	JUL 20	16.53
WATER YEAR 2004		HIGHEST	16.53 JUL 20, 2004	LOWEST	17.72 JAN 29, 2004		



LOCAL NUMBER.--SH-116, Site ID 305540090424101.

LOCATION.--Hydrologic Unit 08070203.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 1,634 ft, screened 1,570-1,630 ft, casing diameter 10 to 6 in.

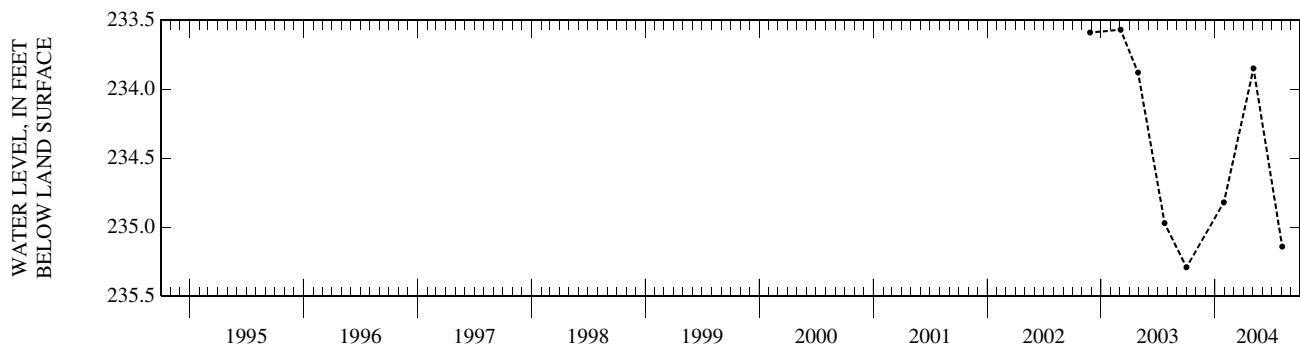
DATUM.--Elevation of land surface datum is 305 ft above NGVD of 1929. Measuring point: Top of vent tee, 2.6 feet above land-surface datum.

PERIOD OF RECORD.--1994, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded (reported), 222.00 ft below land-surface datum (reported), Sep. 1, 1994; lowest recorded, 235.29 ft below land-surface datum, Oct. 1, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	235.29	JAN 29	234.82	MAY 03	233.85	AUG 03	235.14
WATER YEAR 2004		HIGHEST	233.85 MAY 03, 2004	LOWEST	235.29 OCT 01, 2003		



ST. JAMES PARISH

LOCAL NUMBER.--SJ-86 , Site ID 300024090433501.

LOCATION.--Lat 30° 00'24", long 90° 43'35", Hydrologic Unit 08090301, Sec. 20, T.12S, R.17E.

AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).

WELL CHARACTERISTICS.--Depth 290 ft, screened 280-290 ft, casing diameter 3 in.

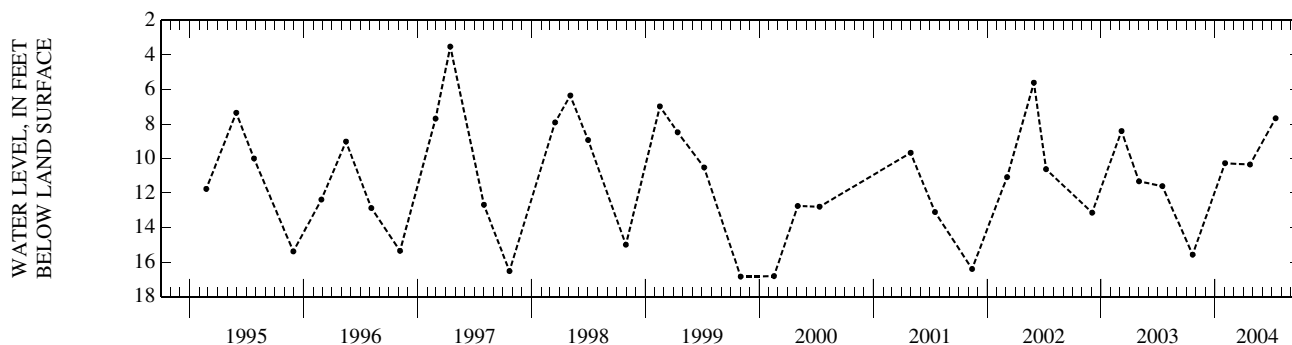
DATUM.--Elevation of land surface datum is 18.30 ft above NGVD of 1929. Measuring point: Top of 2-in. nipple extending from top of casing collar, 1.44 ft above land-surface datum.

PERIOD OF RECORD.--1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.52 ft below land-surface datum, Apr. 15, 1997 lowest recorded, 19.00 ft below land-surface datum, Oct. 31, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	15.57	FEB 02	10.27	APR 22	10.35	JUL 13	7.67
WATER YEAR 2004		HIGHEST	7.67	JUL 13, 2004	LOWEST	15.57	OCT 21, 2003



LOCAL NUMBER.--SJ-203, Site ID 300445090520301.

LOCATION.--Lat 30° 04'45", long 90° 52'03", Hydrologic Unit 08070204, Sec. 38, T.11S, R. 3E.

AQUIFER.--Norco aquifer of Pleistocene age (112NORC).

WELL CHARACTERISTICS.--Depth 444 ft, screened 384-444 ft, casing diameter 18 to 12 to 10 in.

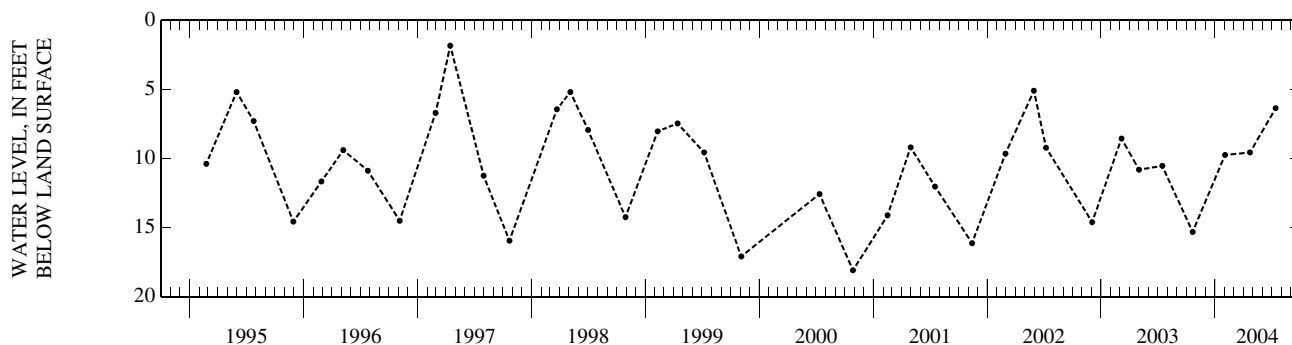
DATUM.--Elevation of land surface datum is 19 ft above NGVD of 1929. Measuring point: Top of 1 1/2-in. vent pipe, 0.65 ft above land-surface datum.

PERIOD OF RECORD.--1975, 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.83 ft below land-surface datum, Apr. 15, 1997; lowest recorded, 18.74 ft below land-surface datum, Mar. 29, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	15.32	FEB 02	9.74	APR 22	9.56	JUL 13	6.35
WATER YEAR 2004		HIGHEST	6.35	JUL 13, 2004	LOWEST	15.32	OCT 21, 2003



ST. JOHN THE BAPTIST PARISH

LOCAL NUMBER.--SJB-145, Site ID 300234090390301.

LOCATION.--Lat 30° 02'34", long 90° 39'03", Hydrologic Unit 08090301, Sec. 18, T.12S, R.18E.

AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).

WELL CHARACTERISTICS.--Depth 315 ft, screened 305-315 ft, casing diameter 4 in.

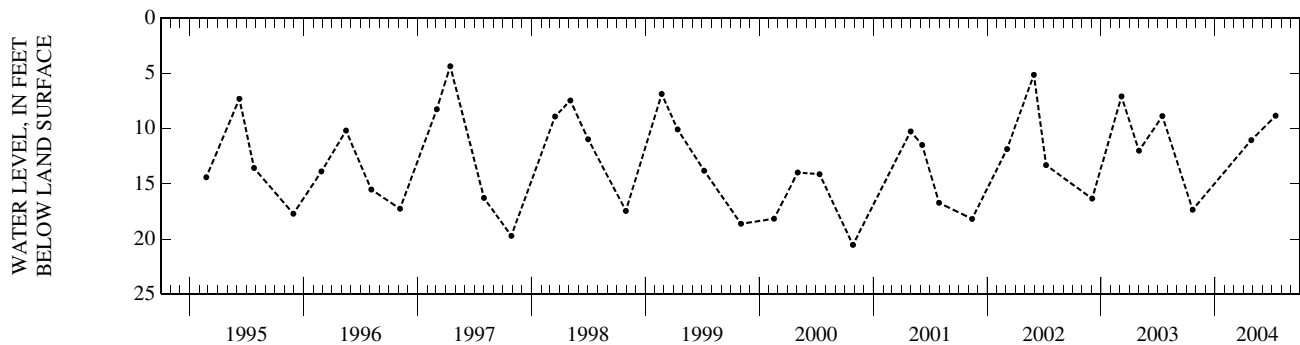
DATUM.--Elevation of land surface datum is 17.71 ft above NGVD of 1929. Measuring point: Top of 1/4-in. hole in cap, 2.60 ft above land-surface datum.

PERIOD OF RECORD.--1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.91 ft below land-surface datum, May 17, 1973; lowest recorded, 21.34 ft below land-surface datum, Jan. 13, 1964.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	17.35	APR 26	11.05	JUL 13	8.84
WATER YEAR 2004 HIGHEST 8.84 JUL 13, 2004 LOWEST 17.35 OCT 21, 2003					



ST. LANDRY PARISH

LOCAL NUMBER.--SL-179, Site ID 304116092083601.

LOCATION.--Lat 30° 41'16", long 92° 08'36", Hydrologic Unit 08080102, Sec. 40, T. 4S, R. 3E.

AQUIFER.--Chicot aquifer of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 94 ft, screened 91-94 ft, casing diameter 1 1/4 in.

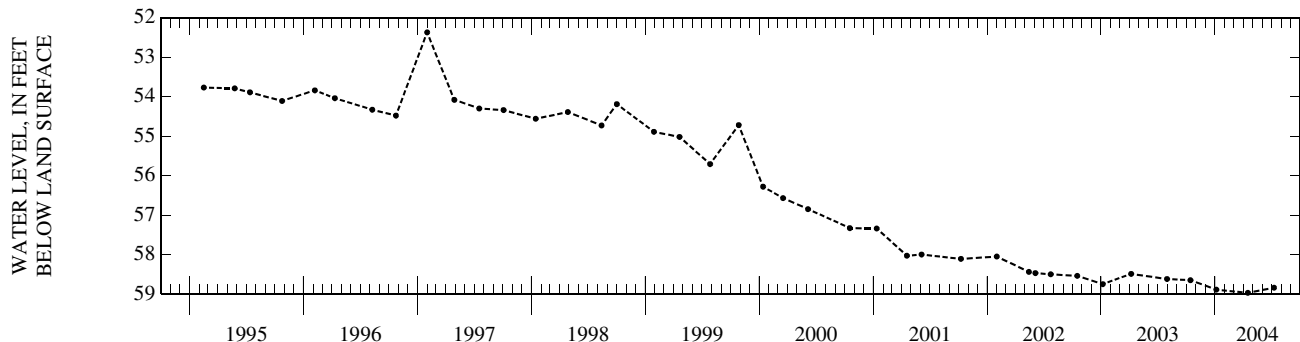
DATUM.--Elevation of land surface datum is 55.23 ft above NGVD of 1929. Measuring point: Top of 1 1/4 casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1957-72, 1974-79, 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.23 ft below land-surface datum, Apr. 28, 1958; lowest recorded, 58.97 ft below land-surface datum, Apr. 15, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	58.65	JAN 05	58.89	APR 15	58.97	JUL 08	58.84
WATER YEAR 2004 HIGHEST 58.65 OCT 14, 2003 LOWEST 58.97 APR 15, 2004							



ST. LANDRY PARISH—Continued

LOCAL NUMBER.--SL-202, Site ID 303629092030201.

LOCATION.--Hydrologic Unit 08080102.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 458 ft, screened 377-458 ft, casing diameter 12 to 6 in.

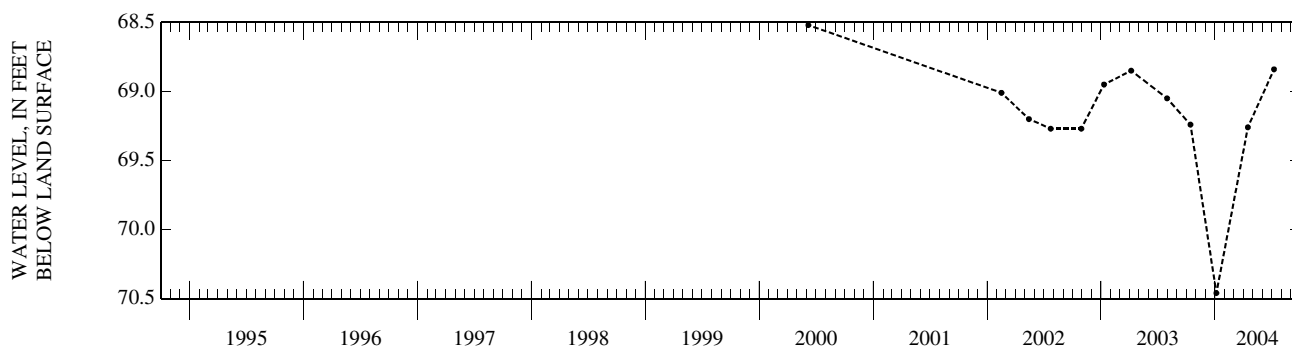
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Bottom edge of 2-in. vent pipe on north side of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1965, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.00 ft below land-surface datum (reported), Feb. 12, 1965; lowest recorded, 70.46 ft below land-surface datum, Jan. 5, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	69.24	JAN 05	70.46	APR 15	69.26	JUL 08	68.84
WATER YEAR 2004 HIGHEST		68.84	JUL 08, 2004	LOWEST		70.46	JAN 05, 2004



ST. MARTIN PARISH

LOCAL NUMBER.--SMn-109 Site ID 301304091424002.

LOCATION.--Lat 30° 13'04", long 91° 42'40", Hydrologic Unit 08080102, Sec. 36, T. 9S, R. 7E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 375 ft, screened 370-375 ft, casing diameter 2 in.

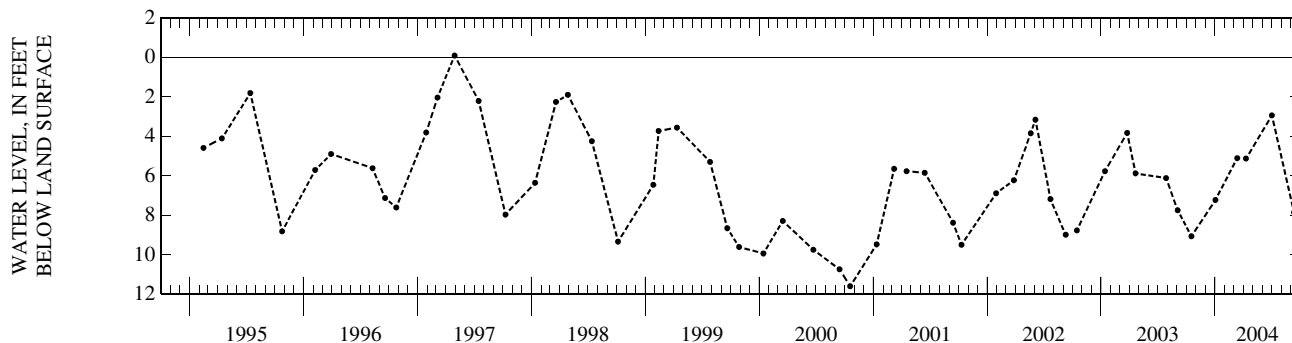
DATUM.--Elevation of land surface datum is 11.34 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.94 ft above land-surface datum, Feb. 27, 1974; lowest recorded, 11.59 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	9.06	JAN 02	7.22	MAR 12	5.10	APR 09	5.12	JUL 01	2.93	SEP 10	7.85
WATER YEAR 2004 HIGHEST		2.93	JUL 01, 2004	LOWEST		9.06	OCT 17, 2003				



ST. MARTIN PARISH—Continued

LOCAL NUMBER.--SMn-134B, Site ID 300947091472102.

LOCATION.--Lat 30° 09'47", long 91° 47'21", Hydrologic Unit 08080201, Sec. 47, T.10S, R. 7E.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).

WELL CHARACTERISTICS.--Depth 846 ft, screened 836-846 ft, casing diameter 2 in.

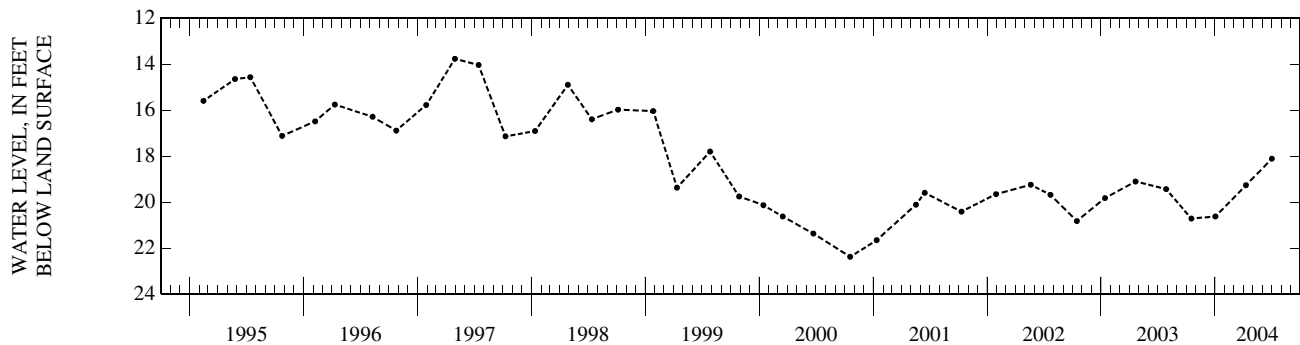
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 3.50 ft above land-surface datum.

PERIOD OF RECORD.--1975-79, 1981, 1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.42 ft below land-surface datum, June 4, 1975; lowest recorded, 22.37 ft below land-surface datum, Oct. 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	20.71	JAN 02	20.62	APR 09	19.26	JUL 01	18.11
WATER YEAR 2004 HIGHEST		18.11	JUL 01, 2004	LOWEST		20.71	OCT 17, 2003



ST. TAMMANY PARISH

LOCAL NUMBER.--ST-532, Site ID 302052090010201.

LOCATION.--Lat 30° 20'52", long 90° 01'02", Hydrologic Unit 08090201, Sec. 43, T. 8S, R.12E.

AQUIFER.--Big Branch aquifer of Pliocene age (121BGBC).

WELL CHARACTERISTICS.--Depth 1,519 ft, screened interval unknown, casing diameter 10 in.

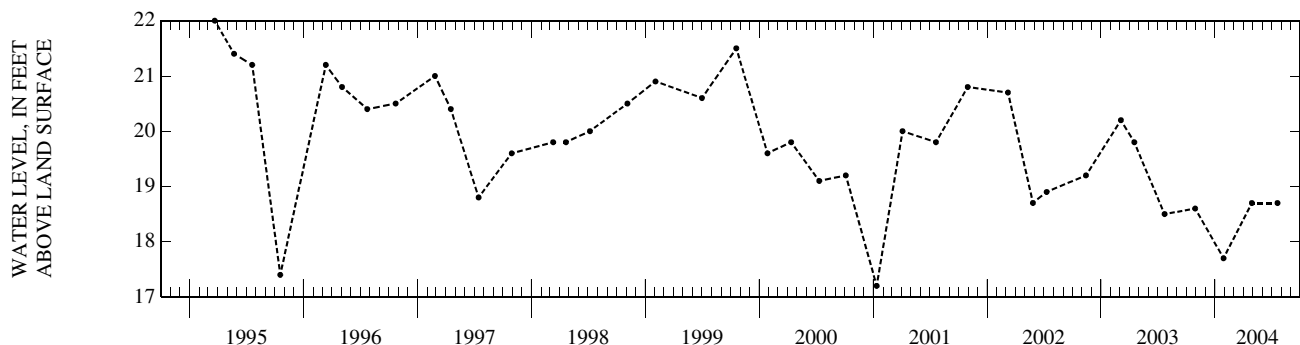
DATUM.--Elevation of land surface datum is 8 ft above NGVD of 1929. Measuring point: Center line of faucet in 8-in. discharge line, 3.3 ft above land-surface datum.

PERIOD OF RECORD.--1949, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.00 ft above land-surface datum (reported), Oct. 19, 1949; lowest recorded, 17.2 ft above land-surface datum, Jan. 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+18.6	JAN 28	+17.7	APR 28	+18.7	JUL 19	+18.7
WATER YEAR 2004		HIGHEST	+18.7	APR 28, 2004	JUL 19, 2004	LOWEST	+17.7
		JAN 28, 2004					



ST. TAMMANY PARISH—Continued

LOCAL NUMBER.--ST-563, Site ID 301536089470501.

LOCATION.--Hydrologic Unit 08090201.

AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).

WELL CHARACTERISTICS.--Depth 2,411 ft, screened 2,262-2,322 and 2,343-2,411 ft, casing diameter 10 in.

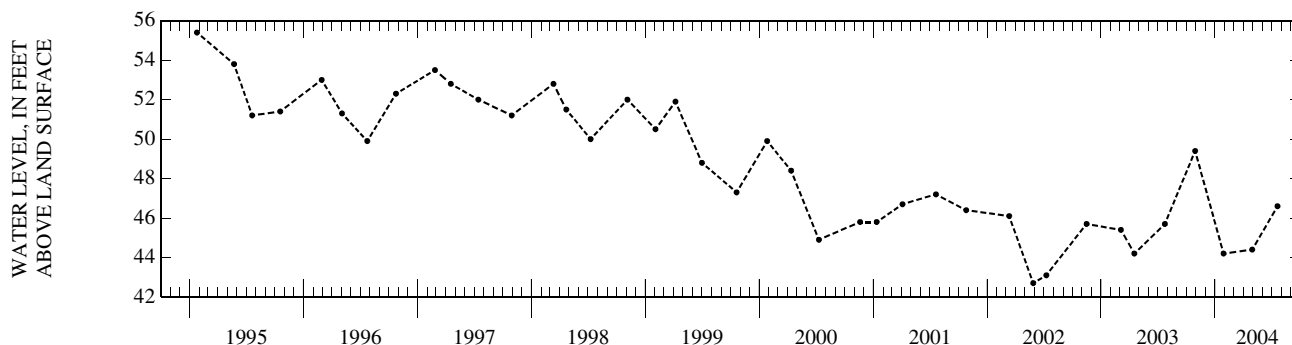
DATUM.--Elevation of land surface datum is 10.24 ft above NGVD of 1929. Measuring point: Center line of sample faucet on discharge line, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 118.9 ft above land-surface datum, June 12, 1958; lowest recorded, 42.7 ft above land-surface datum, May 28, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+49.4	JAN 28	+44.2	APR 29	+44.4	JUL 19	+46.6
WATER YEAR 2004 HIGHEST +49.4 OCT 29, 2003		LOWEST +44.2 JAN 28, 2004					



LOCAL NUMBER.--ST-576, Site ID 301920089560801.

LOCATION.--Lat 30° 19'20", long 89° 56'08", Hydrologic Unit 08090201, Sec. 43, T. 8S, R.13E.

AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).

WELL CHARACTERISTICS.--Depth 2,334 ft, screened 2,238-2,334 ft, casing diameter 7 in.

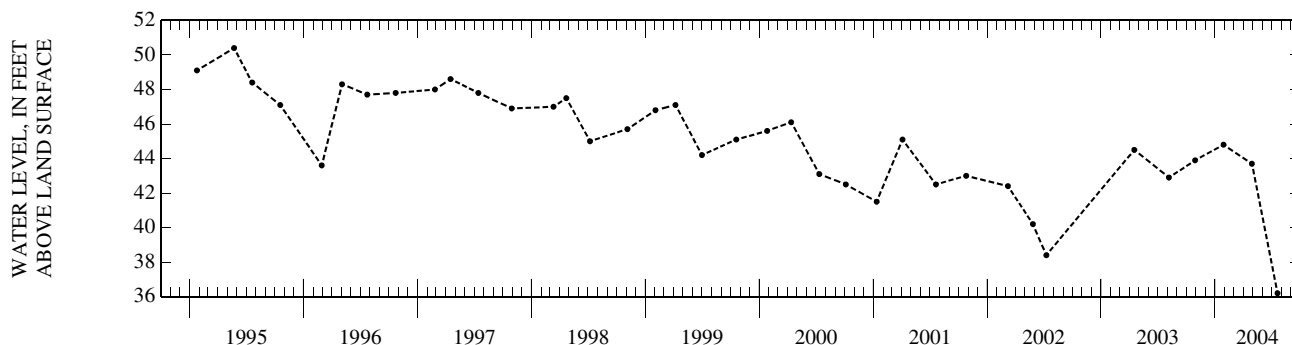
DATUM.--Elevation of land surface datum is 17 ft above NGVD of 1929. Measuring point: Center line of sample faucet on 7-in. discharge line, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1961, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 108.00 ft above land-surface datum (reported), Feb. 23, 1961; lowest recorded, 36.2 ft above land-surface datum, July 19, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+43.9	JAN 28	+44.8	APR 28	+43.7	JUL 19	+36.2
WATER YEAR 2004 HIGHEST +44.8 JAN 28, 2004		LOWEST +36.2 JUL 19, 2004					



ST. TAMMANY PARISH—Continued

LOCAL NUMBER.--ST-604, Site ID 303425090143501.

LOCATION.--Lat 30° 34'25", long 90° 14'35", Hydrologic Unit 08090201, Sec. 31, T. 5S, R.10E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)

WELL CHARACTERISTICS.--Depth 66 ft, screened 64-66 ft, casing diameter 1 in.

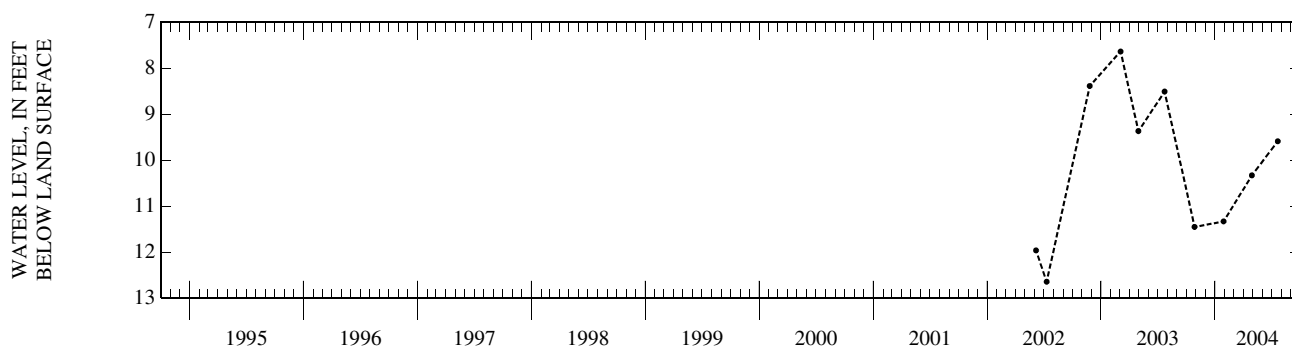
DATUM.--Elevation of land surface datum is 65 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 3.6 ft above land-surface datum.

PERIOD OF RECORD.--1968-69, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.44 ft below land-surface datum, Feb. 8, 1991; lowest recorded, 14.16 ft below land-surface datum, Nov. 8, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	11.45	JAN 28	11.33	APR 28	10.33	JUL 20	9.59
WATER YEAR 2004		HIGHEST	9.59 JUL 20, 2004	LOWEST	11.45	OCT 27, 2003	



LOCAL NUMBER.--ST-611, Site ID 302321089535201.

LOCATION.--Lat 30° 23'21", long 89° 53'52", Hydrologic Unit 08090201, Sec. 33, T. 7S, R.13E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)

WELL CHARACTERISTICS.--Depth 24 ft, screened 21-24 ft, casing diameter 1 1/4 in.

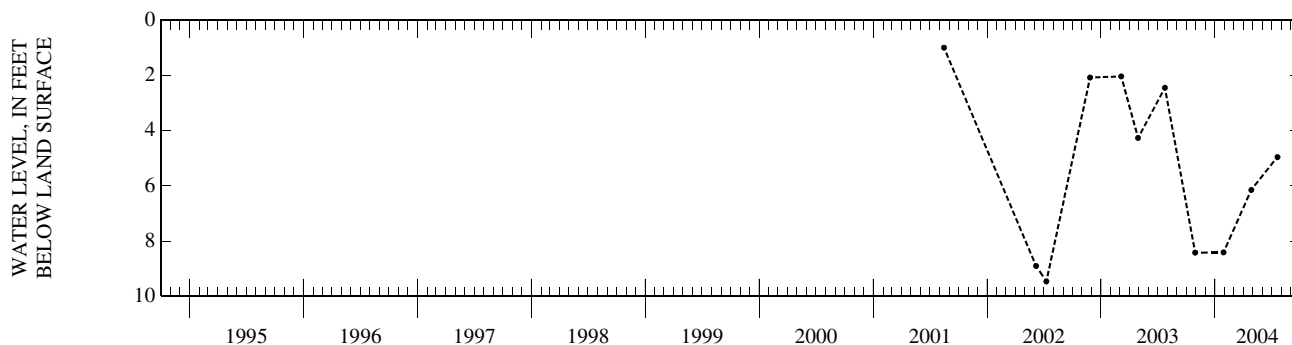
DATUM.--Elevation of land surface datum is 28 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--1968-69, 1991, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.79 ft below land-surface datum, Feb. 6, 1991; lowest recorded, 10.08 ft below land-surface datum, Dec. 3, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	8.42	JAN 28	8.41	APR 26	6.15	JUL 19	4.96
WATER YEAR 2004		HIGHEST	4.96 JUL 19, 2004	LOWEST	8.42	OCT 29, 2003	



ST. TAMMANY PARISH—Continued

LOCAL NUMBER.--ST-640, Site ID 303700090030201.

LOCATION.--Lat 30° 37'00", long 90° 03'02", Hydrologic Unit 08090201, Sec. 13, T. 5S, R.11E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)

WELL CHARACTERISTICS.--Depth 90 ft, screened 80-90 ft, casing diameter 4 in.

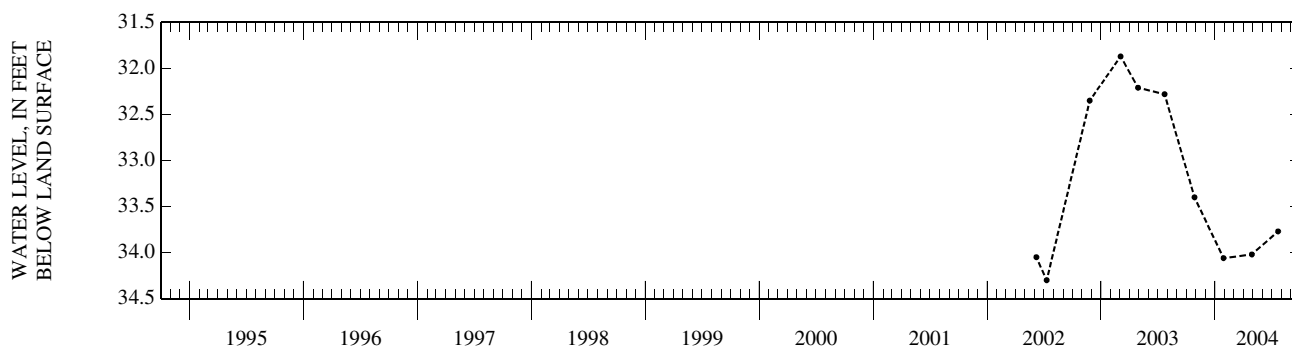
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Hole in sanitary seal on north side of well, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1968-69, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.20 ft below land-surface datum, June 13, 1969; lowest recorded, 36.78 ft below land-surface datum, Jan. 1, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	33.40	JAN 28	34.06	APR 28	34.02	JUL 21	33.77
WATER YEAR 2004 HIGHEST 33.40		OCT 27, 2003		LOWEST 34.06		JAN 28, 2004	



LOCAL NUMBER.--ST-776, Site ID 301838089485002.

LOCATION.--Lat 30° 18'38", long 89° 48'50", Hydrologic Unit 08090201, Sec. 32, T. 8S, R.14E.

AQUIFER.--Lower Ponchatoula aquifer of Pliocene age (121PNCLL).

WELL CHARACTERISTICS.--Depth 887 ft, screened 862-887 ft, casing diameter 8 to 4 in.

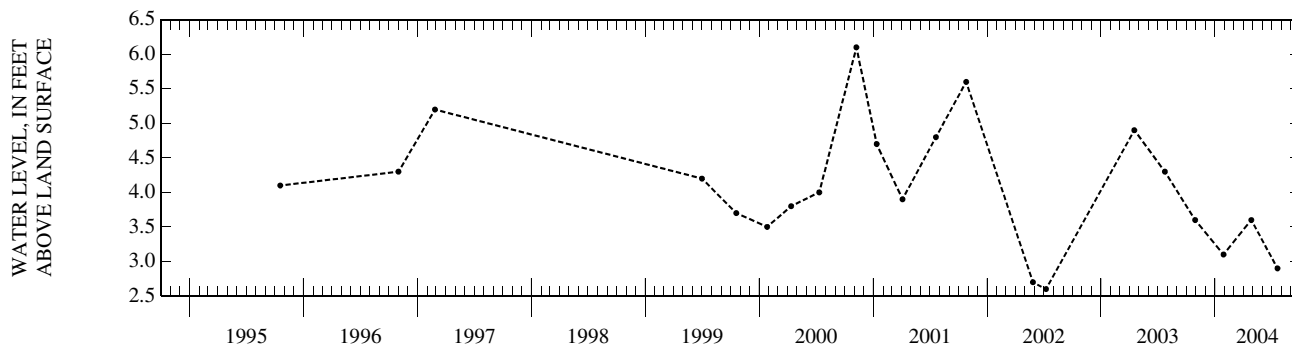
DATUM.--Elevation of land surface datum is 16 ft above NGVD of 1929. Measuring point: Center line of faucet on south side, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1982, 1993-94, 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.80 ft above land-surface datum, Dec. 3, 1993 ; lowest recorded, 2.6 ft above land-surface datum, July 8, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+3.6	JAN 28	+3.1	APR 26	+3.6	JUL 19	+2.9
WATER YEAR 2004 HIGHEST +3.6		OCT 29, 2003		APR 26, 2004		LOWEST +2.9	
						JUL 19, 2004	



ST. TAMMANY PARISH—Continued

LOCAL NUMBER.--ST-928, Site ID 302019090001601.

LOCATION.--Lat 30° 20'19", long 90° 00'16", Hydrologic Unit 08090201, Sec. 42, T. 8S, R.12E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC)

WELL CHARACTERISTICS.--Depth 260 ft, screened 230-260 ft, casing diameter 4 to 3 in.

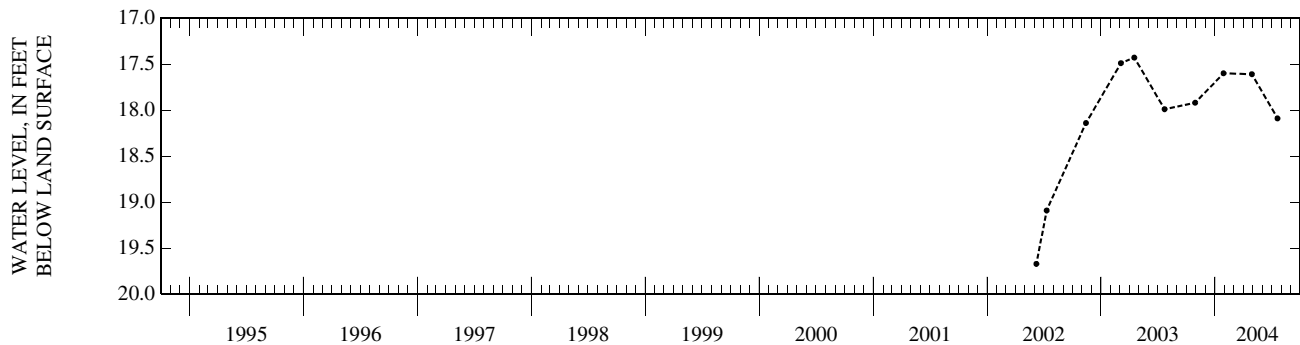
DATUM.--Elevation of land surface datum is 17 ft above NGVD of 1929. Measuring point: Top of bushing on air vent, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1991, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.00 ft below land-surface datum (reported), Nov. 11, 1987; lowest recorded, 19.67 ft below land-surface datum, June 7, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	17.92	JAN 28	17.60	APR 28	17.61	JUL 19	18.09
WATER YEAR 2004		HIGHEST	17.60 JAN 28, 2004	LOWEST	18.09 JUL 19, 2004		



LOCAL NUMBER.--ST-1085, Site ID 302154090033701.

LOCATION.--Hydrologic Unit 08090201.

AQUIFER.--Lower Ponchatoula aquifer of Pliocene age (121PNCLL).

WELL CHARACTERISTICS.--Depth 850 ft, screened 810-850 ft, casing diameter 6 to 4 in.

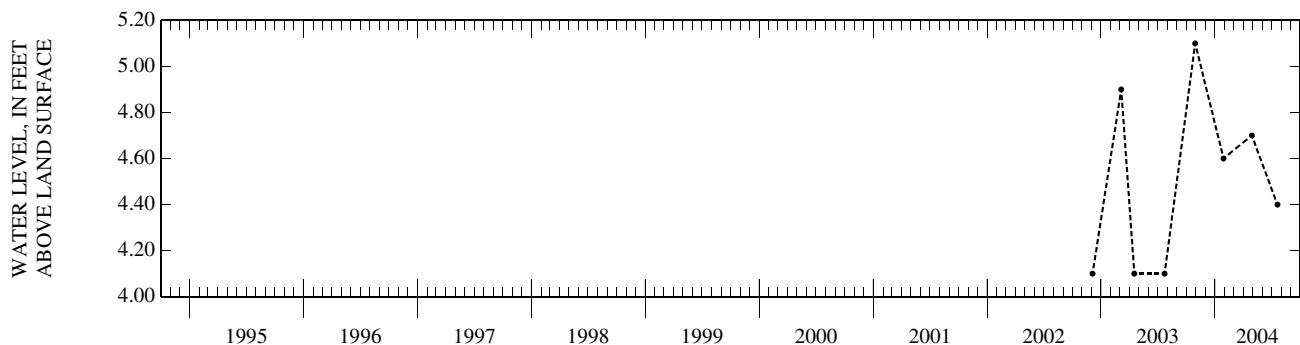
DATUM.--Elevation of land surface datum is 15 ft above NGVD of 1929. Measuring point: Center line of faucet on casing, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1994, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.0 ft above land-surface datum (reported), Feb. 10, 1994 ; lowest recorded, 4.1 ft above land-surface datum, Dec. 4, 2002, Apr. 17, 2003, July 23, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+5.1	JAN 28	+4.6	APR 28	+4.7	JUL 19	+4.4
WATER YEAR 2004		HIGHEST	+5.1 OCT 29, 2003	LOWEST	+4.4 JUL 19, 2004		



ST. TAMMANY PARISH—Continued

LOCAL NUMBER.--ST-1094, Site ID 301947089434001.

LOCATION.--Hydrologic Unit 08090201.

AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).

WELL CHARACTERISTICS.--Depth 2,150 ft, screened 2,050-2,150 ft, casing diameter 8 to 6 in.

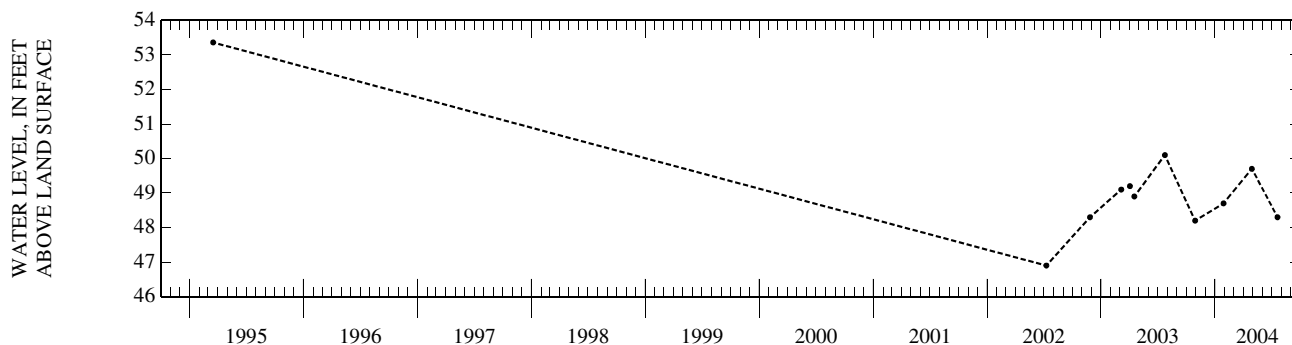
DATUM.--Elevation of land surface datum is 15 ft above NGVD of 1929. Measuring point: Center line of sample faucet, 2.1 ft above land-surface datum.

PERIOD OF RECORD.--1995, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.36 ft above land-surface datum (reported), Mar. 17, 1995; lowest recorded, 46.9 ft above land-surface datum, July 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+48.2	JAN 28	+48.7	APR 28	+49.7	JUL 19	+48.3
WATER YEAR 2004 HIGHEST +49.7		APR 28, 2004		LOWEST +48.2		OCT 29, 2003	



LOCAL NUMBER.--ST-1131, Site ID 302941090032001.

LOCATION.--Hydrologic Unit 08090201.

AQUIFER.--Tcefuncte aquifer of Miocene age (122TCFC).

WELL CHARACTERISTICS.--Depth 1,825 ft, screened 1,755-1,825 ft, casing diameter 16 to 10 in.

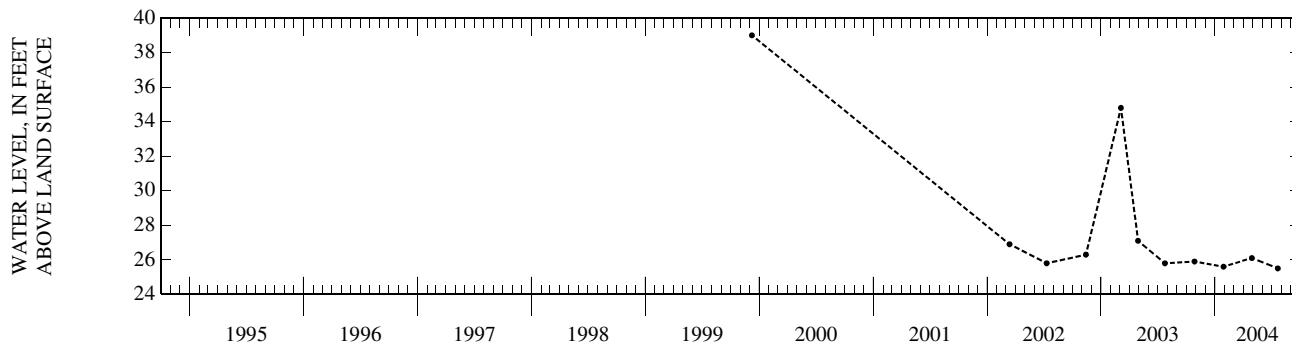
DATUM.--Elevation of land surface datum is 30 ft above NGVD of 1929. Measuring point: Center line of sample faucet on main line, 4.1 ft above land-surface datum.

PERIOD OF RECORD.--1999, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.0 ft above land-surface datum (reported), Dec. 8, 1999; lowest recorded, 25.5 ft above land-surface datum, July 20, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	+25.9	JAN 28	+25.6	APR 28	+26.1	JUL 20	+25.5
WATER YEAR 2004 HIGHEST +26.1		APR 28, 2004		LOWEST +25.5		JUL 20, 2004	



TANGIPAHOA PARISH

LOCAL NUMBER.--Ta-260, Site ID 304550090304101.

LOCATION.--Lat 30° 45' 50", long 90° 30' 41", Hydrologic Unit 08070205, Sec. 28, T. 3S, R. 7E.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 2,013 ft, screened 1,951-2,013 ft, casing diameter 4 in.

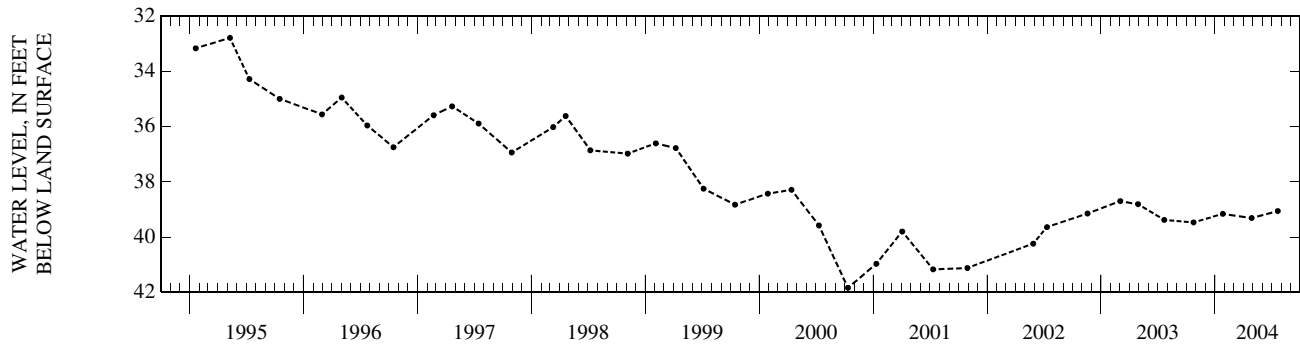
DATUM.--Elevation of land surface datum is 130.86 ft above sea level. Measuring point: Top of 4x2-in. reducer, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1953 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 34.65 ft above land-surface datum (reported), May 5, 1953; lowest recorded, 41.84 ft below land-surface datum, Oct. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	39.47	JAN 26	39.16	APR 27	39.31	JUL 20	39.06
WATER YEAR 2004 HIGHEST 39.06 JUL 20, 2004		LOWEST 39.47 OCT 24, 2003					



LOCAL NUMBER.--Ta-268, Site ID 302957090274001.

LOCATION.--Hydrologic Unit 08070203.

AQUIFER.--Hammond aquifer of Miocene age (122HMND).

WELL CHARACTERISTICS.--Depth 2,449 ft, screened 2,365-2,449 ft, casing diameter 12 to 8 in.

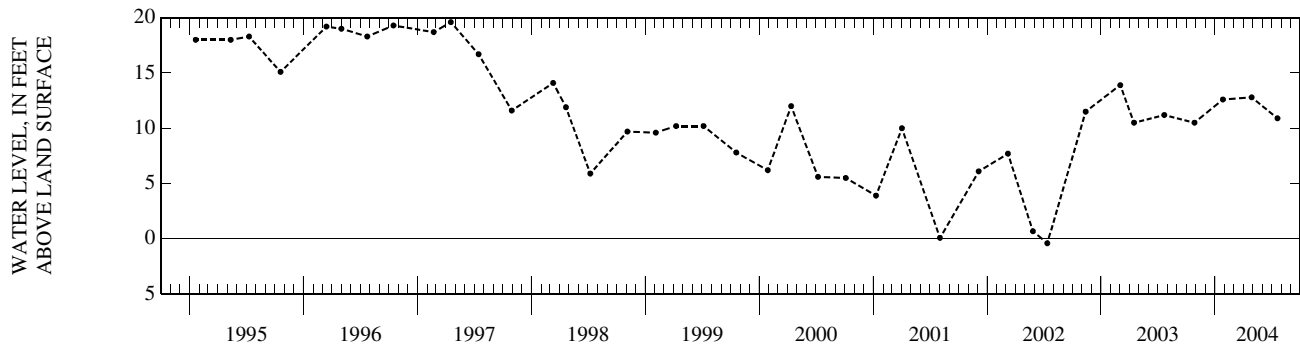
DATUM.--Elevation of land surface datum is 35 ft above NGVD of 1929. Measuring point: Center line of faucet on discharge line, 2.7 ft above land-surface datum.

PERIOD OF RECORD.--1956-85, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 128.00 ft above land-surface datum (reported), Oct. 21, 1956; lowest recorded, 0.41 ft below land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	+10.5	JAN 26	+12.6	APR 27	+12.8	JUL 19	+10.9
WATER YEAR 2004 HIGHEST +12.8 APR 27, 2004		LOWEST +10.5 OCT 27, 2003					



GROUND-WATER LEVELS
TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-273, Site ID 302519090311401.

LOCATION.--Lat 30° 25'19", long 90° 31'14", Hydrologic Unit 08070203, Sec. 44, T. 7S, R. 7E..

AQUIFER.--Tchefuncte aquifer of Miocene age (122TCFC).

WELL CHARACTERISTICS.--Depth 2,329 ft, screened 2,289-2,329 ft, casing diameter 3 in.

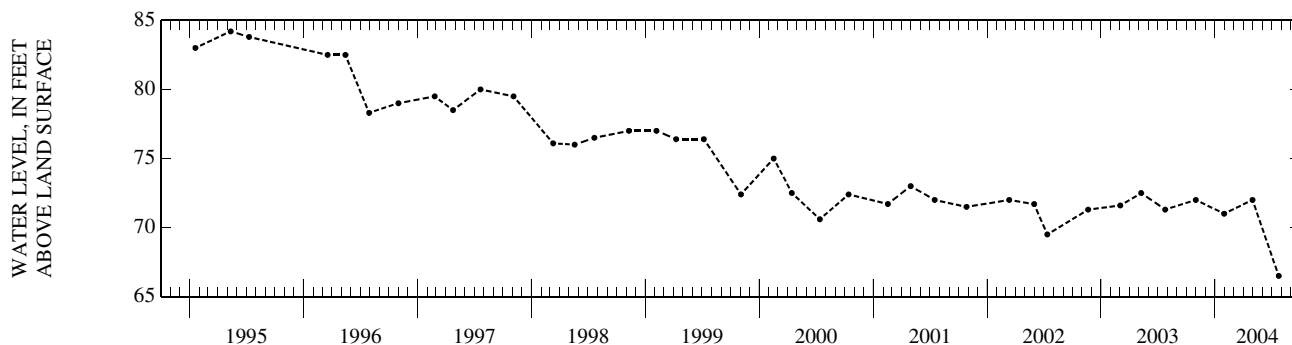
DATUM.--Elevation of land surface datum is 11 ft above NGVD of 1929. Measuring point: Center line of tee connection, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--1960-85, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 127.2 ft above land-surface datum, Apr. 12, 1960, May 16, 1960; lowest recorded, 66.5 ft above land-surface datum, July 23, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	+72.0	JAN 30	+71.0	APR 30	+72.0	JUL 23	+66.5
WATER YEAR 2004 HIGHEST +72.0 OCT 31, 2003		APR 30, 2004		LOWEST +66.5 JUL 23, 2004			



LOCAL NUMBER.--Ta-278, Site ID 303420090221701.

LOCATION.--Lat 30° 34'20", long 90° 22'17", Hydrologic Unit 08070205, Sec. 35, T. 5S, R. 8E.

AQUIFER.--Covington aquifer of Pliocene age (120CVGN).

WELL CHARACTERISTICS.--Depth 1,430 ft, screened 1,410-1,430 ft, casing diameter 2 in.

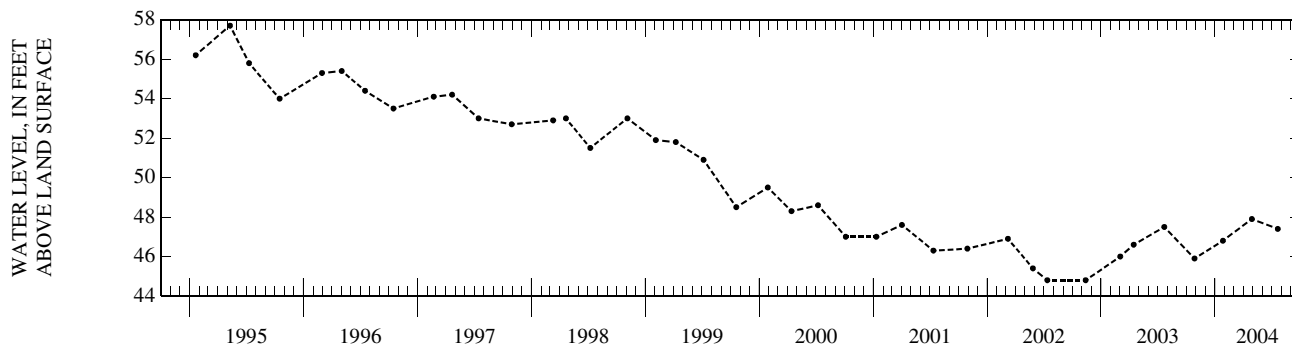
DATUM.--Elevation of land surface datum is 52 ft above NGVD of 1929. Measuring point: Center line of sample faucet, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1961, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.8 ft above land-surface datum (reported), Jan. 14, 1961; lowest recorded, 44.8 ft above land-surface datum, July 12, 2002, Nov. 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR
OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	+45.9	JAN 26	+46.8	APR 28	+47.9	JUL 20	+47.4
WATER YEAR 2004 HIGHEST +47.9 APR 28, 2004		LOWEST +45.9 OCT 27, 2003					



TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-343, Site ID 303104090335901.

LOCATION.--Lat 30° 31'04", long 90° 33'59", Hydrologic Unit 08070203, Sec. 24, T. 6S, R. 6E.

AQUIFER.--Hammond aquifer of Miocene age (122HMND).

WELL CHARACTERISTICS.--Depth 2,442 ft, screened 2,402-2,442 ft, casing diameter 8 to 6 in.

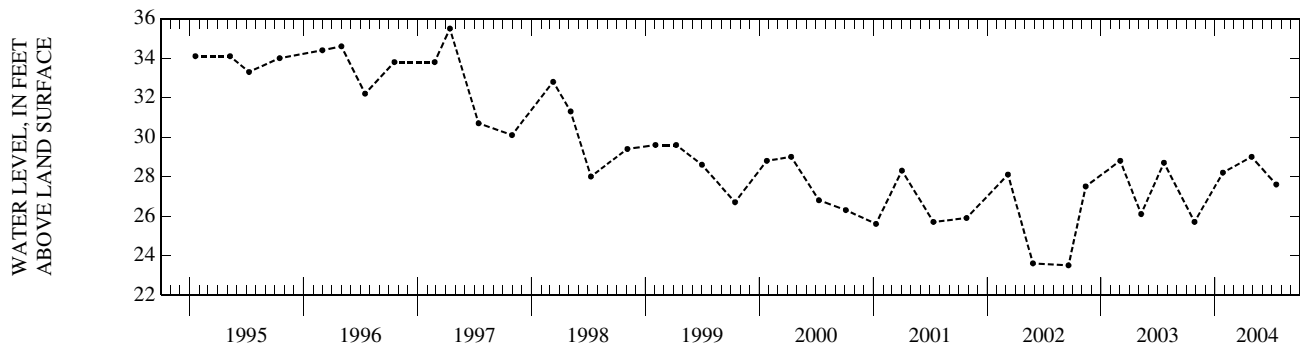
DATUM.--Elevation of land surface datum is 42 ft above NGVD of 1929. Measuring point: Center line of sample faucet on bend of 8-in. pipe, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1969, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.43 ft above land-surface datum, May 19, 1969; lowest recorded, 23.5 ft above land-surface datum, Sep. 18, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	+25.7	JAN 26	+28.2	APR 27	+29.0	JUL 15	+27.6
WATER YEAR 2004 HIGHEST +29.0		APR 27, 2004		LOWEST +25.7		OCT 27, 2003	



LOCAL NUMBER.--Ta-362, Site ID 305737090322501.

LOCATION.--Lat 30° 57'37", long 90° 32'25", Hydrologic Unit 08070205, Sec. 40, T. 1S, R. 7E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 43 ft, screened 40-43 ft, casing diameter 1 1/4 in.

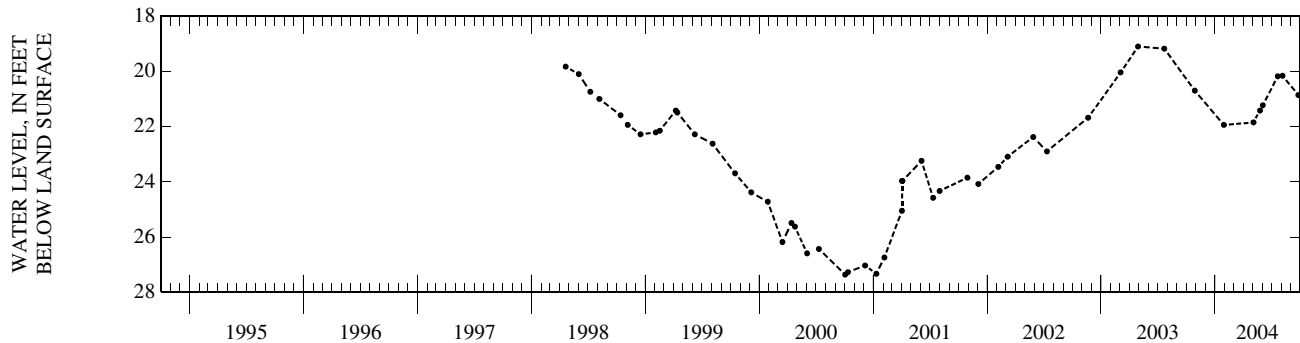
DATUM.--Elevation of land surface datum is 265 ft above NGVD of 1929. Measuring point: Top of 1 1/4-in. casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--1968-89, 1991, 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.65 ft below land-surface datum, Apr. 28, 1980; lowest recorded, 27.36 ft below land-surface datum, Oct. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	20.70	MAY 03	21.85	JUN 02	21.23	AUG 04	20.16				
JAN 29	21.94	24	21.42	JUL 20	20.18	SEP 24	20.86				
WATER YEAR 2004 HIGHEST 20.16		AUG 04, 2004		LOWEST 21.94		JAN 29, 2004					



GROUND-WATER LEVELS
TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-440, Site ID 305434090264201.

LOCATION.--Lat 30° 54'34", long 90° 26'42", Hydrologic Unit 08070205, Sec. 47, T. 2S, R. 8E.

AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).

WELL CHARACTERISTICS.--Depth 603 ft, screened 593-603 ft, casing diameter 2 in.

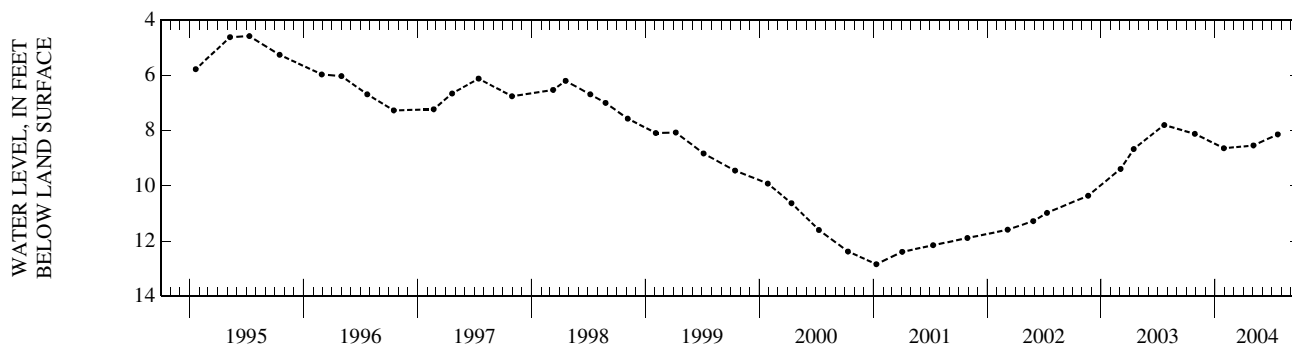
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Top of 2-in. galvanized pipe, 2.15 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.61 ft below land-surface datum, Sep. 24, 1975; lowest recorded, 12.84 ft below land-surface datum, Jan. 10, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	8.12	JAN 29	8.64	MAY 03	8.54	JUL 20	8.14
WATER YEAR 2004		HIGHEST	8.12 OCT 28, 2003	LOWEST	8.64 JAN 29, 2004		



LOCAL NUMBER.--Ta-454, Site ID 305604090312101.

LOCATION.--Hydrologic Unit 08070205.

AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).

WELL CHARACTERISTICS.--Depth 720 ft, screened 640-720 ft, casing diameter 12 to 8 in.

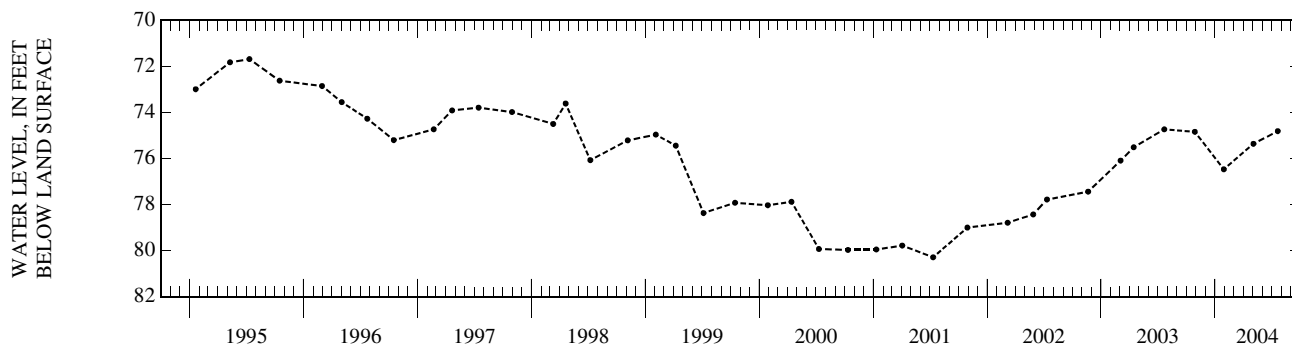
DATUM.--Elevation of land surface datum is 288 ft above NGVD of 1929. Measuring point: North side of well, hole in casing, 2.24 ft above land-surface datum.

PERIOD OF RECORD.--1983, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.09 ft below land-surface datum, Jan. 14, 1992; lowest recorded, 84.41 ft below land-surface datum, July 2, 1990.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	74.84	JAN 29	76.47	MAY 03	75.36	JUL 20	74.81
WATER YEAR 2004		HIGHEST	74.81 JUL 20, 2004	LOWEST	76.47 JAN 29, 2004		



TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-529, Site ID 303726090290901.

LOCATION.--Lat 30° 37'26", long 90° 29'09", Hydrologic Unit 08070203, Sec. 10, T. 5S, R. 7E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 53 ft, screened 23-53 ft, casing diameter 4 in.

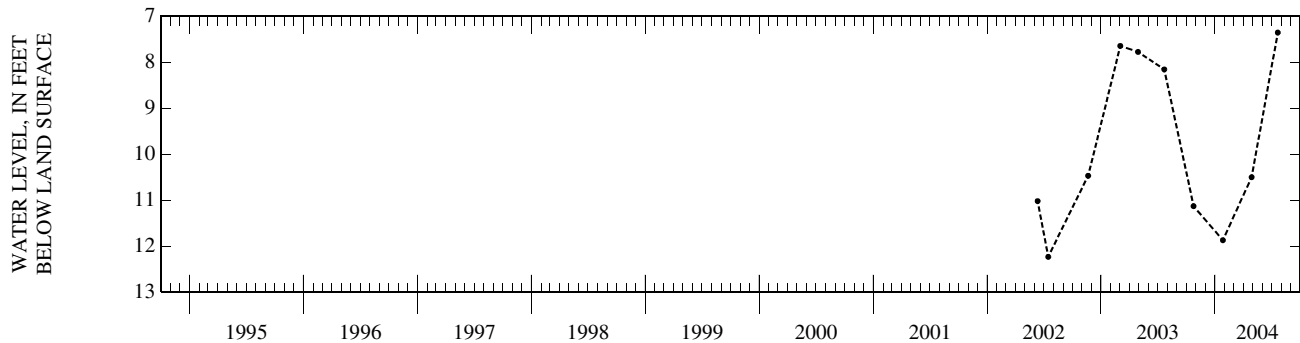
DATUM.--Elevation of land surface datum is 77 ft above NGVD of 1929. Measuring point: Top of sanitary seal, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.36 ft below land-surface datum, July 20, 2004; lowest recorded, 13.00 ft below land-surface datum (reported), Sep. 21, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	11.13	JAN 26	11.87	APR 27	10.50	JUL 20	7.36
WATER YEAR 2004		HIGHEST	7.36 JUL 20, 2004	LOWEST	11.87 JAN 26, 2004		



LOCAL NUMBER.--Ta-557, Site ID 302820090192901.

LOCATION.--Lat 30° 28'20", long 90° 19'29", Hydrologic Unit 08070205, Sec. 54, T. 7S, R. 9E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 200 ft, screened 170-200 ft, casing diameter 4 in.

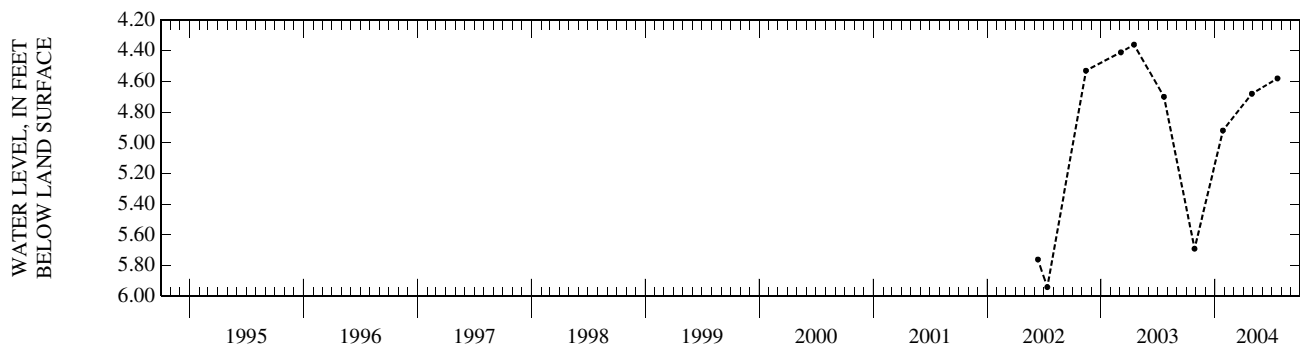
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Top of reducer on vent pipe, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1989, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.36 ft below land-surface datum, Apr. 16, 2003; lowest recorded, 5.94 ft below land-surface datum, July 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	5.69	JAN 26	4.92	APR 28	4.68	JUL 19	4.58
WATER YEAR 2004		HIGHEST	4.58 JUL 19, 2004	LOWEST	5.69 OCT 27, 2003		



GROUND-WATER LEVELS
TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-772, Site ID 303835090182701.

LOCATION.--Lat 30° 38'34", long 90° 18'27", Hydrologic Unit 08070205, Sec. 4, T. 5S, R. 9E.

AQUIFER.--Covington aquifer of Pliocene age (120CVGN).

WELL CHARACTERISTICS.--Depth 1,355 ft, screened 1,285-1,335 ft, casing diameter 6 to 4 in.

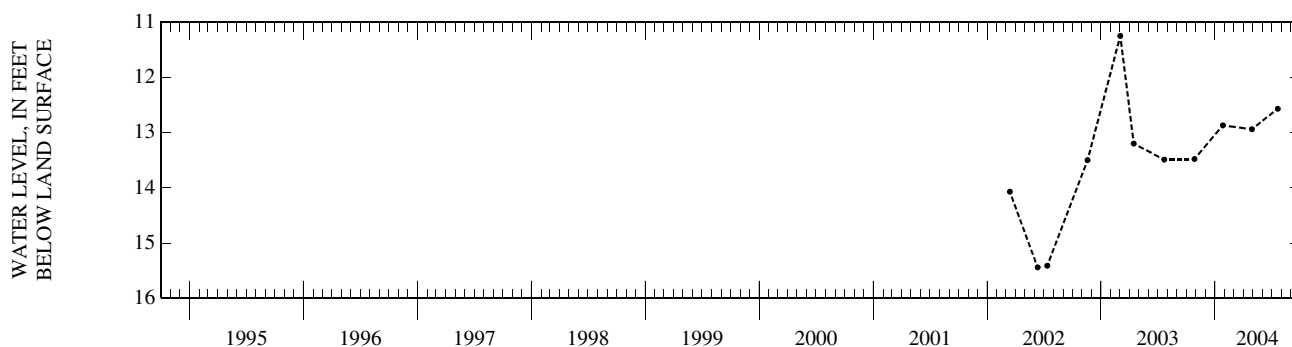
DATUM.--Elevation of land surface datum is 133 ft above NGVD of 1929. Measuring point: Top of casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.00 ft below land-surface datum (reported), Oct. 10, 1991; lowest recorded, 15.44 ft below land-surface datum, June 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	13.48	JAN 26	12.87	APR 28	12.94	JUL 20	12.57
WATER YEAR 2004 HIGHEST		12.57	JUL 20, 2004	LOWEST		13.48	OCT 27, 2003



LOCAL NUMBER.--Ta-835, Site ID 302741090244701.

LOCATION.--Hydrologic Unit 08070204.

AQUIFER.--Covington aquifer of Pliocene age (120CVGN).

WELL CHARACTERISTICS.--Depth 1,905 ft, screened 1,800-1,900 ft, casing diameter 16 to 12 in.

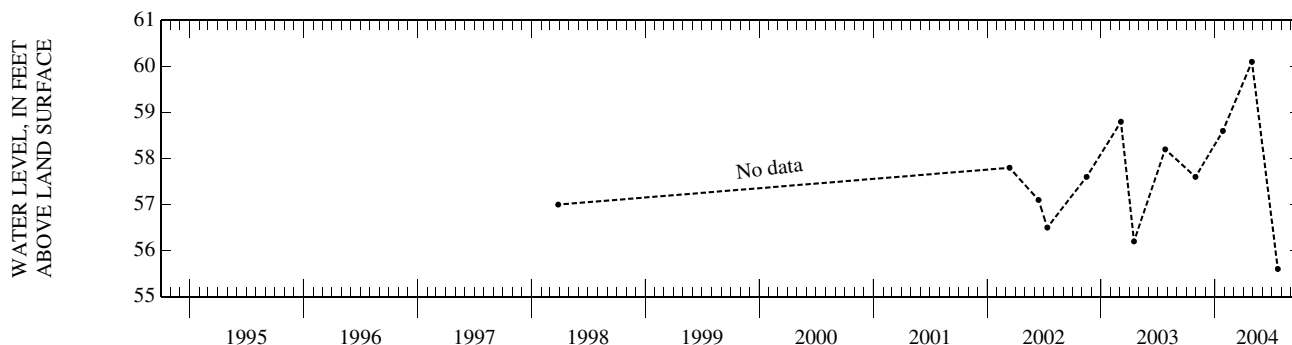
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Center line of faucet on main, 4.6 ft above land-surface datum.

PERIOD OF RECORD.--1998, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.1 ft above land-surface datum, Apr. 28, 2004; lowest recorded, 55.6 ft above land-surface datum, July 20, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	+57.6	JAN 26	+58.6	APR 28	+60.1	JUL 20	+55.6
WATER YEAR 2004 HIGHEST		+60.1	APR 28, 2004	LOWEST		+55.6	JUL 20, 2004



TANGIPAHOA PARISH—Continued

LOCAL NUMBER.--Ta-6551Z, Site ID 304707090173301.

LOCATION.--Lat 30° 47' 07", long 90° 17' 33", Hydrologic Unit 08090201, Sec. 16, T. 3S, R. 9E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 93 ft, screened 83-93 ft, casing diameter 4 in.

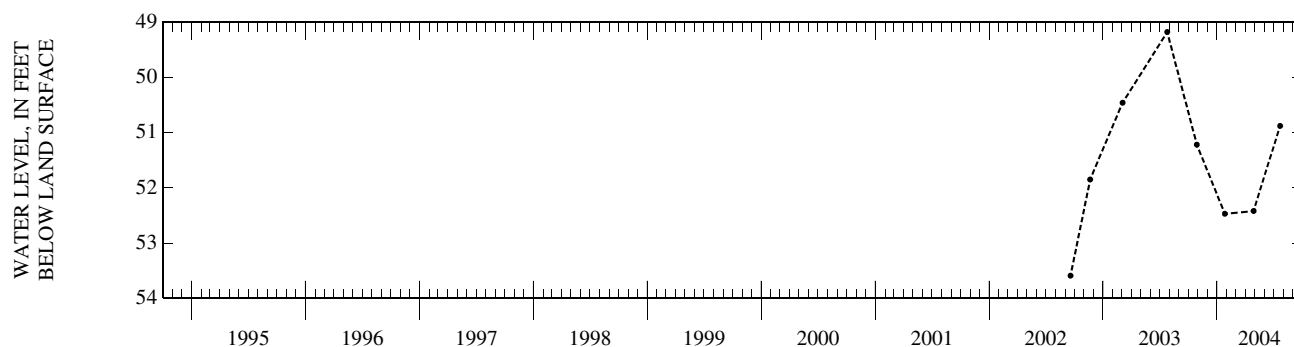
DATUM.--Elevation of land surface datum is 206 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--1992, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 35.00 ft below land-surface datum (reported), Apr. 16, 1992; lowest recorded, 53.59 ft below land-surface datum, Sep. 18, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	51.22	JAN 26	52.47	APR 27	52.42	JUL 21	50.88
WATER YEAR 2004		HIGHEST	50.88	JUL 21, 2004	LOWEST	52.47	JAN 26, 2004



TENSAS PARISH

LOCAL NUMBER.--Ts-8, Site ID 320431091144801.

LOCATION.--Lat 32° 04' 31", long 91° 14' 48", Hydrologic Unit 08050003, Sec. 4, T.13N, R.12E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 110 ft, screened 80-110 ft, casing diameter 12 in.

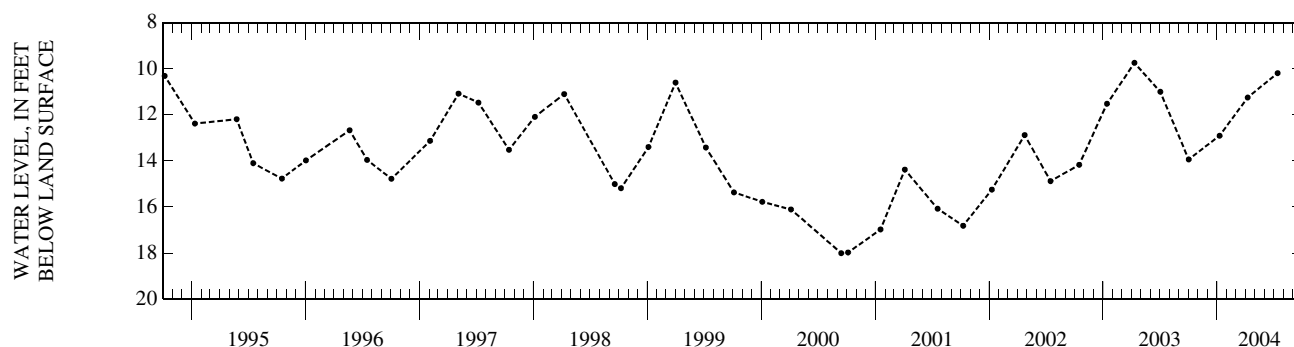
DATUM.--Elevation of land surface datum is 79.60 ft above NGVD of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.05 ft below land-surface datum, May 30, 1979; lowest recorded, 18.01 ft below land-surface datum, Sep. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	13.94	JAN 09	12.91	APR 08	11.25	JUL 13	10.19
WATER YEAR 2004		HIGHEST	10.19	JUL 13, 2004	LOWEST	13.94	OCT 02, 2003



UNION PARISH

LOCAL NUMBER.--Un-26, Site ID 324417092090001.

LOCATION.--Lat 32° 44'15", long 92° 09'02", Hydrologic Unit 08040202, Sec. 10, T.20N, R. 3E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 745 ft, screened 670-745 ft, casing diameter 8 to 6 in.

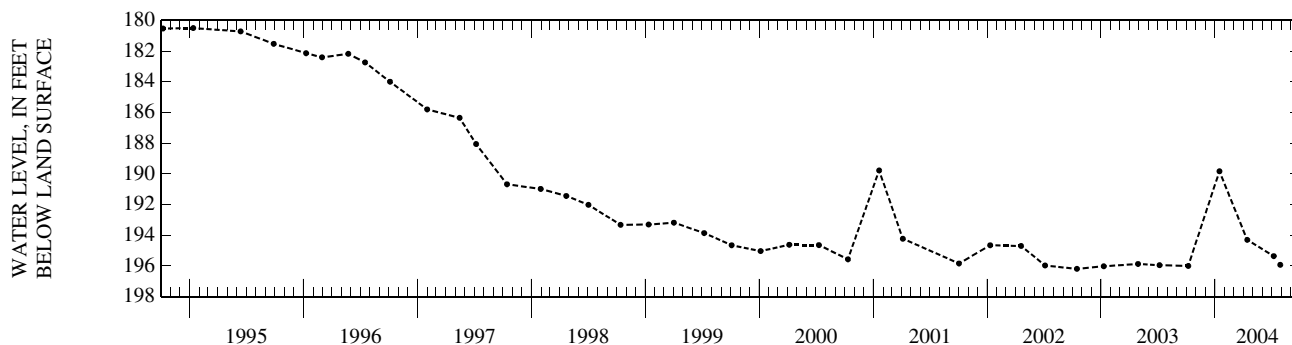
DATUM.--Elevation of land surface datum is 133.92 ft above NGVD of 1929. Measuring point: 3/4-in. hole in top of well cover, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 141.11 ft below land-surface datum, July 26, 1959; lowest recorded, 196.19 ft below land-surface datum, Oct. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	196.00	JAN 15	189.83	APR 13	194.30	JUL 07	195.36	JUL 28	195.93
WATER YEAR 2004		HIGHEST	189.83 JAN 15, 2004	LOWEST	196.00 OCT 07, 2003				



LOCAL NUMBER.--Un-83, Site ID 325550092391602.

LOCATION.--Lat 32° 55'50", long 92° 39'16", Hydrologic Unit 08040206, Sec. 2, T.22N, R. 3W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 326 ft, screened 316-326 ft, casing diameter 2 in.

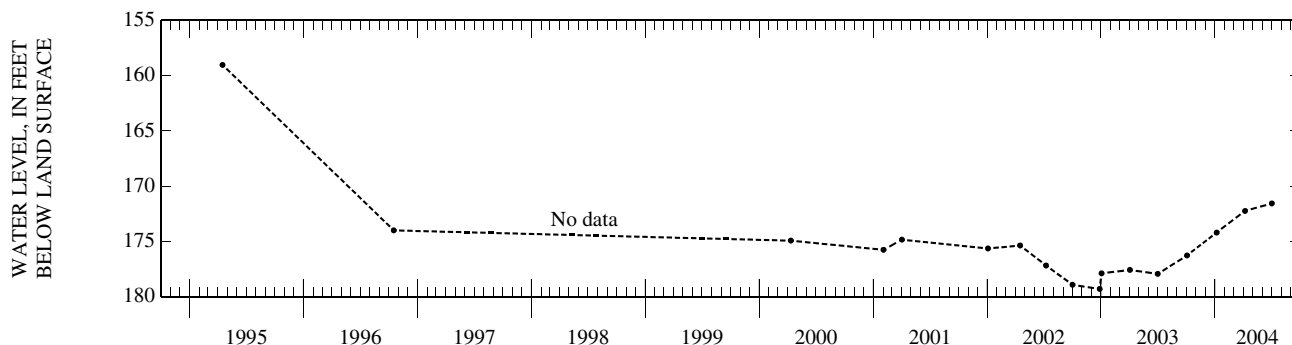
DATUM.--Elevation of land surface datum is 122 ft above NGVD of 1929. Measuring point: File marks on top of casing, 3.88 ft above land-surface datum.

PERIOD OF RECORD.--1968-87, 1989, 1993, 1995-96, 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 111.29 ft below land-surface datum, Oct. 8, 1968; lowest recorded, 179.30 ft below land-surface datum, Dec. 27, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	176.27	JAN 06	174.20	APR 06	172.24	JUL 01	171.56
WATER YEAR 2004		HIGHEST	171.56 JUL 01, 2004	LOWEST	176.27 OCT 03, 2003		



UNION PARISH—Continued

LOCAL NUMBER.--Un-84, Site ID 325647092241501.

LOCATION.--Lat 32° 56'47", long 92° 24'15", Hydrologic Unit 08040202, Sec. 30, T.23N, R. 1E.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 696 ft, screened 686-696 ft, casing diameter 2 in.

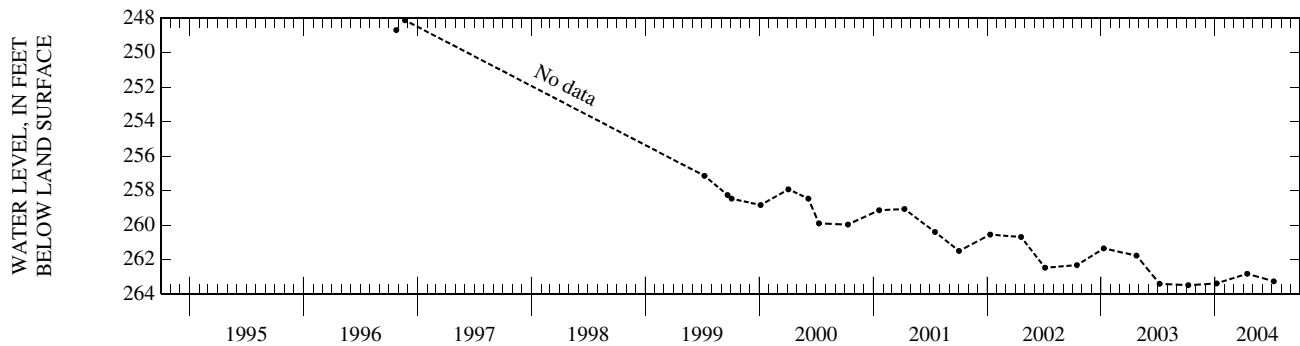
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1983, 1996, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 196.09 ft below land-surface datum, Oct. 17, 1968; lowest recorded, 263.47 ft below land-surface datum, Oct. 7, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	263.47	JAN 06	263.37	APR 13	262.81	JUL 07	263.25
WATER YEAR 2004		HIGHEST 262.81 APR 13, 2004		LOWEST 263.47 OCT 07, 2003			



VERMILION PARISH

LOCAL NUMBER.--Ve-637U, Site ID 295345092100702.

LOCATION.--Lat 29° 53'45", long 92° 10'07", Hydrologic Unit 08080103, Sec. 15, T.13S, R. 3E.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 198 ft, screened 188-198 ft, casing diameter 4 in.

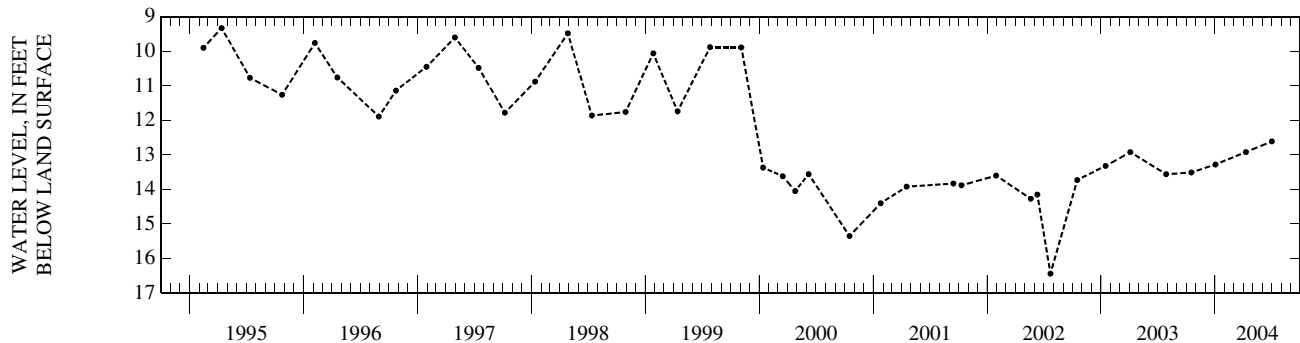
DATUM.--Elevation of land surface datum is 4.06 ft above NGVD of 1929. Measuring point: Top of 1 1/2-in. pipe, 2.66 ft above land-surface datum.

PERIOD OF RECORD.--1964-83, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.99 ft below land-surface datum, Feb. 24, 1966; lowest recorded, 16.44 ft below land-surface datum, July 22, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	13.51	JAN 02	13.28	APR 09	12.92	JUL 01	12.61
WATER YEAR 2004		HIGHEST 12.61 JUL 01, 2004		LOWEST 13.51 OCT 17, 2003			



VERNON PARISH

LOCAL NUMBER.--V-425B, Site ID 311201093080203.

LOCATION.--Lat 31° 12'02", long 93° 08'02", Hydrologic Unit 08080203, Sec. 36, T. 3N, R. 8W.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 1,390 ft, screened 1,380-1,390 ft, casing diameter 2 in.

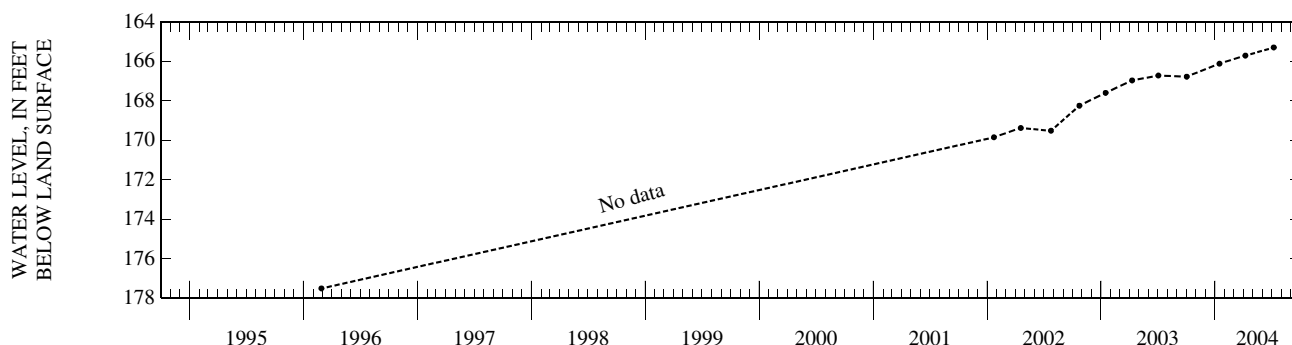
DATUM.--Elevation of land surface datum is 305 ft above NGVD of 1929. Measuring point: Top of bushing, 3.9 ft above land-surface datum.

PERIOD OF RECORD.--1967-76, 1979-89, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 155.03 ft below land-surface datum, Jan. 13, 1970; lowest recorded, 177.50 ft below land-surface datum, Feb. 27, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	166.77	JAN 15	166.11	APR 07	165.70	JUL 07	165.29
WATER YEAR 2004		HIGHEST 165.29 JUL 07, 2004		LOWEST 166.77 OCT 02, 2003			



LOCAL NUMBER.--V-478, Site ID 310035093214101.

LOCATION.--Lat 31° 00'35", long 93° 21'41", Hydrologic Unit 08080204, Sec. 3, T. 1S, R. 9W.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 1,010 ft, screened 970-1,010 ft, casing diameter 8 to 6 to 4 1/2 in.

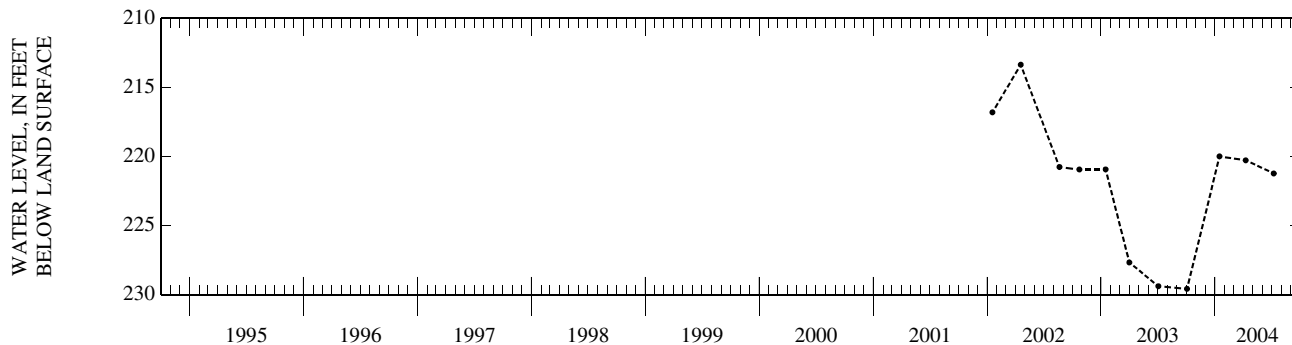
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Gap in top plate covering casing on north side, 0.65 ft above land-surface datum.

PERIOD OF RECORD.--1977, 1986, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 203.00 ft below land-surface datum, Dec. 2, 1977; lowest recorded, 229.58 ft below land-surface datum, Oct. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	229.58	JAN 15	219.99	APR 08	220.27	JUL 07	221.23
WATER YEAR 2004		HIGHEST 219.99 JAN 15, 2004		LOWEST 229.58 OCT 03, 2003			



VERNON PARISH—Continued

LOCAL NUMBER.--V-492, Site ID 310138093104501.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 610 ft, screened 568-608 ft, casing diameter 10 to 6 in.

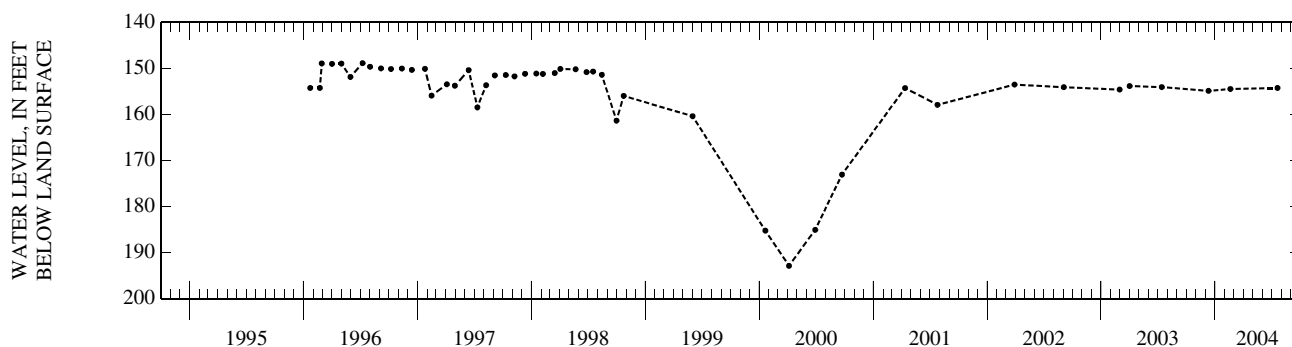
DATUM.--Elevation of land surface datum is 286.50 ft above NGVD of 1929. Measuring point: Red notch filed in lower lip of access pipe, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1980, 1985, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 145.00 ft below land-surface datum, Dec. 10, 1980; lowest recorded, 192.88 ft below land-surface datum, Apr. 5, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	154.88	FEB 19	154.47	JUL 19	154.24
WATER YEAR 2004 HIGHEST 154.24 JUL 19, 2004 LOWEST 154.88 DEC 11, 2003					



LOCAL NUMBER.--V-496, Site ID 310412093134001.

LOCATION.--Hydrologic Unit 12010005.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,415 ft, screened 1,345-1,415 ft, casing diameter 16 to 10 in.

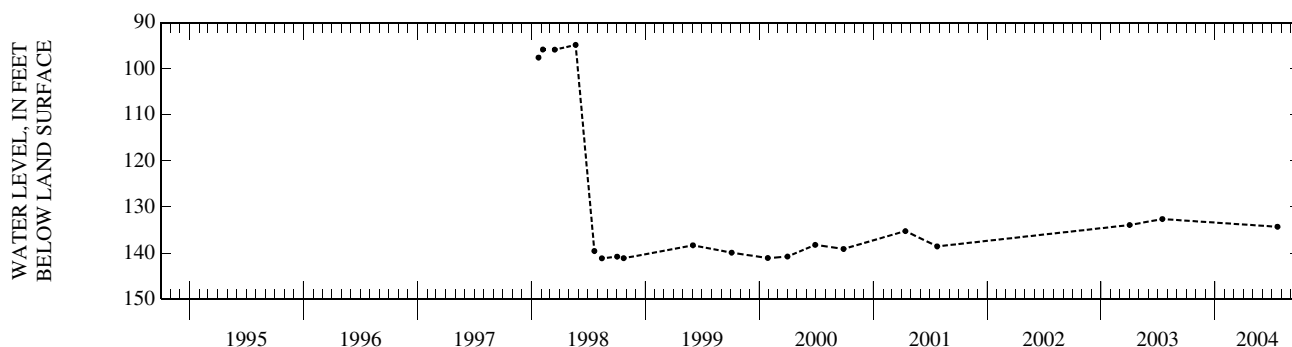
DATUM.--Elevation of land surface datum is 284.20 ft above sea level. Measuring point: Top of 1-in. PVC casing extending from well head, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1982, 1986, 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 94.82 ft below land-surface datum, May 22, 1998; lowest recorded, 141.16 ft below land-surface datum, Aug. 14, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL
JUL 19	134.31



VERNON PARISH—Continued

LOCAL NUMBER.--V-497, Site ID 310316093115101.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 885 ft, screened 838-878 ft, casing diameter 16 to 10 in.

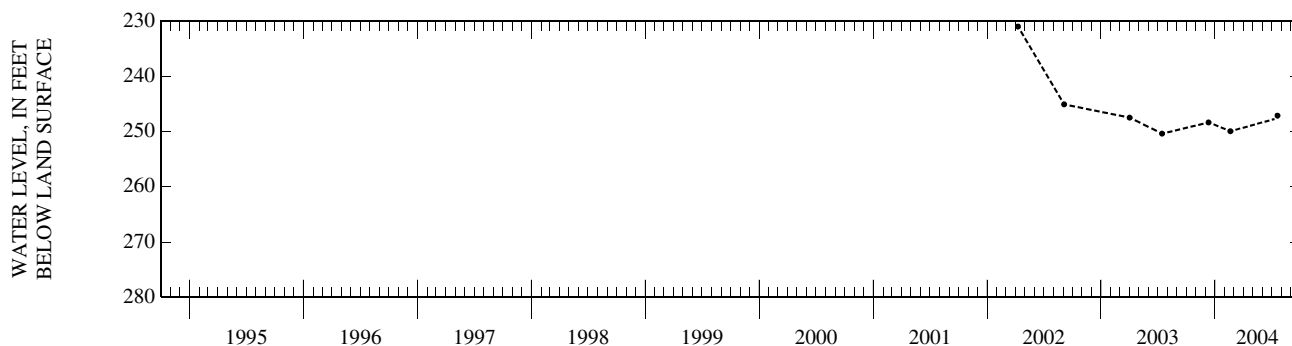
DATUM.--Elevation of land surface datum is 325 ft above NGVD of 1929. Measuring point: 1-in. hole in top of base plate, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--1982, 1985-86, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 231.00 ft below land-surface datum, Apr. 9, 2002; lowest recorded, 256.10 ft below land-surface datum, Dec. 30, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	248.35	FEB 19	249.95	JUL 19	247.12
WATER YEAR 2004 HIGHEST 247.12 JUL 19, 2004 LOWEST 249.95 FEB 19, 2004					



LOCAL NUMBER.--V-504, Site ID 310652093103101.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Carnahan bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,288 ft, screened 1,190-1,288 ft, casing diameter 24 to 16 to 10 in.

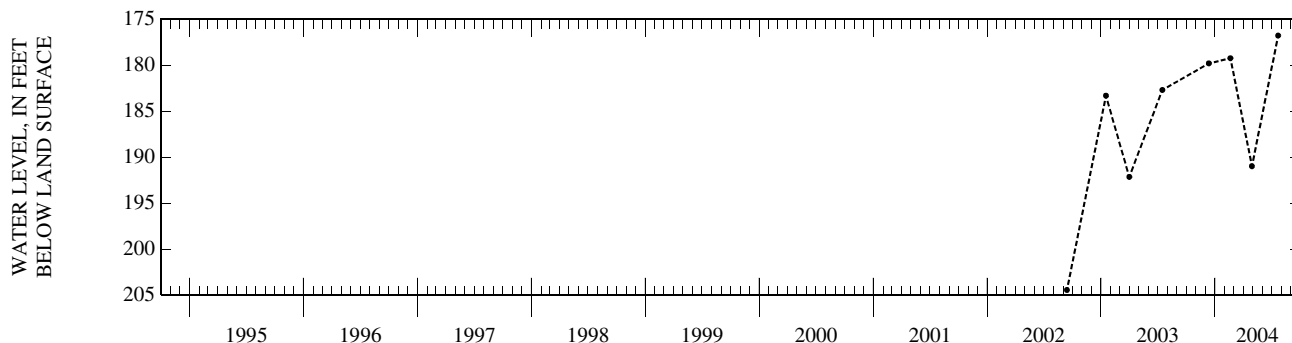
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: 1-in. pipe in 16-in. casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--1983, 1985-86, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 173.30 ft below land-surface datum, Dec. 19, 1983; lowest recorded, 204.42 ft below land-surface datum, Sep. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	179.81	FEB 19	179.25	APR 28	190.98	JUL 21	176.79
WATER YEAR 2004 HIGHEST 176.79 JUL 21, 2004 LOWEST 190.98 APR 28, 2004							



VERNON PARISH—Continued

LOCAL NUMBER.--V-513, Site ID 310708093100904.

LOCATION.--Hydrologic Unit 12010005.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,275 ft, screened 1,167-1,217 and 1,245-1,275 ft, casing diameter 16 to 10 in.

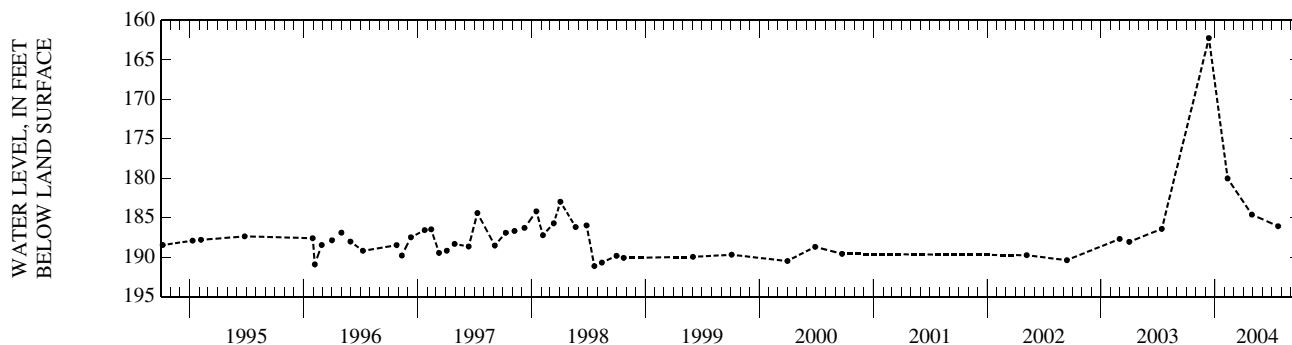
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: Coupling on top of 1-in. extension on drop pipe, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1982, 1985-2000, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 162.24 ft below land-surface datum, Dec. 12, 2003; lowest recorded, 240.58 ft below land-surface datum, July 10, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	162.24	FEB 10	180.03	APR 28	184.61	JUL 21	186.08
WATER YEAR 2004 HIGHEST 162.24 DEC 12, 2003		LOWEST 186.08 JUL 21, 2004					



LOCAL NUMBER.--V-515, Site ID 310550093115801.

LOCATION.--Hydrologic Unit 12010005.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,233 ft, screened 1,160-1,230 ft, casing diameter 24 to 16 to 10 3/4-in.

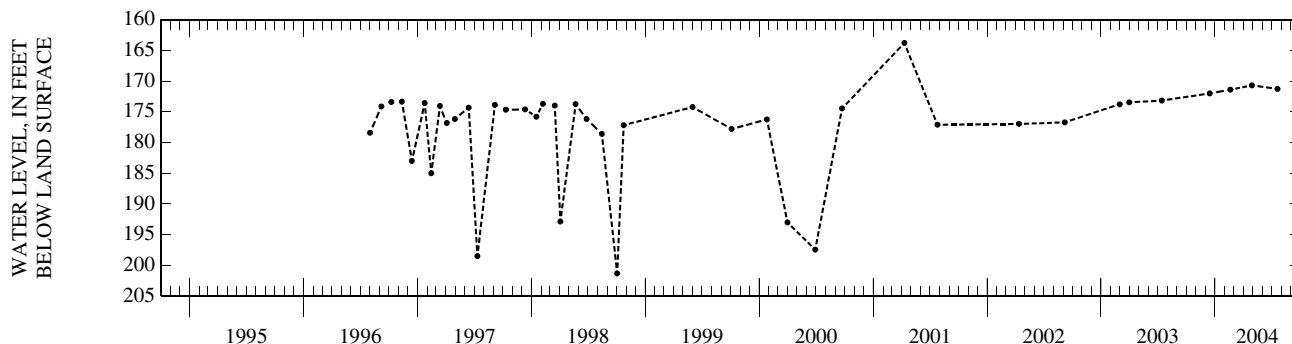
DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Lower lip of angled coupling after removing elbow, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--1985-86, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 138.00 ft below land-surface datum, Aug. 2, 1985; lowest recorded, 201.32 ft below land-surface datum, Oct. 2, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	172.00	FEB 19	171.39	APR 28	170.68	JUL 19	171.27
WATER YEAR 2004 HIGHEST 170.68 APR 28, 2004		LOWEST 172.00 DEC 15, 2003					



VERNON PARISH—Continued

LOCAL NUMBER.--V-518, Site ID 310331093120002.

LOCATION.--Hydrologic Unit 12010005.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 885 ft, screened 825-885 ft, casing diameter 16 to 10 in.

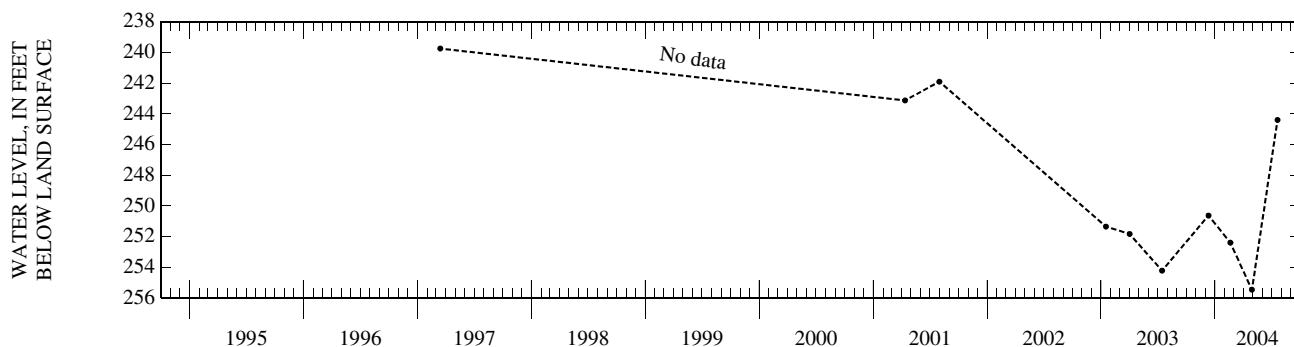
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: Top of airline on east side of well head, 2.8 ft above land-surface datum.

PERIOD OF RECORD.--1986, 1997, 2001, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 239.75 ft above land-surface datum, Mar. 14, 1997; lowest recorded, 255.46 ft below land-surface datum, Apr. 28, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	250.63	FEB 19	252.40	APR 28	255.46	JUL 19	244.40
WATER YEAR 2004		HIGHEST	244.40 JUL 19, 2004	LOWEST	255.46	APR 28, 2004	



LOCAL NUMBER.--V-644, Site ID 310655093095101.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 612 ft, screened 539-612 ft, casing diameter 16 to 10 in.

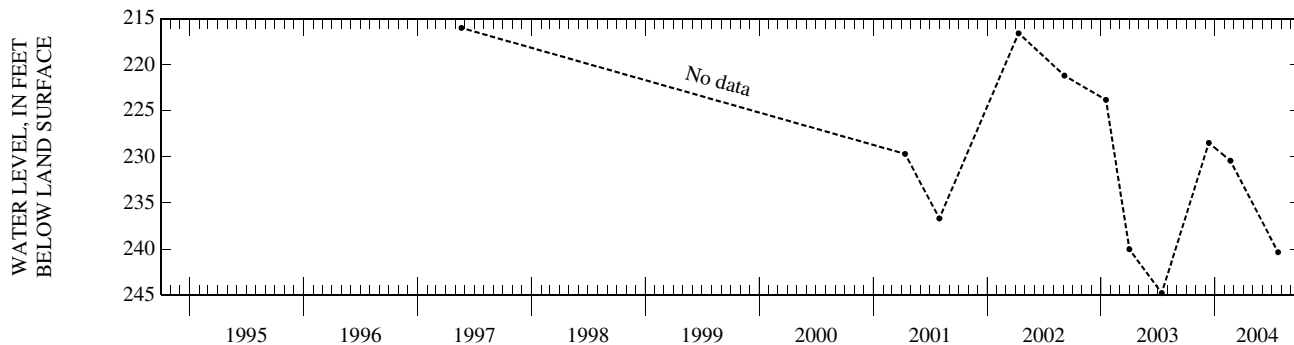
DATUM.--Elevation of land surface datum is 325 ft above NGVD of 1929. Measuring point: 1 1/4-in hole in top of wellhead cover, 2.3 ft above land-surface datum.

PERIOD OF RECORD.--1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 216.00 ft below land-surface datum, May 21, 1997; lowest recorded, 244.80 ft below land-surface datum, July 14, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	228.48	FEB 19	230.42	JUL 21	240.36
WATER YEAR 2004		HIGHEST	228.48 DEC 12, 2003	LOWEST	240.36 JUL 21, 2004



VERNON PARISH—Continued

LOCAL NUMBER.--V-651, Site ID 310452093065501.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 938 ft, screened 908-938 ft, casing diameter 6 to 3 in.

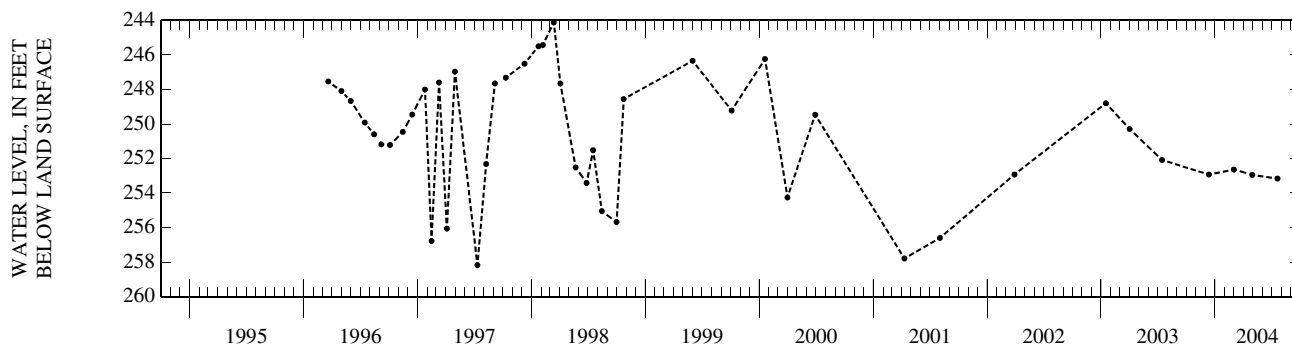
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Red notch filed in lower wall of access pipe, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 244.12 ft below land-surface datum, Mar. 13, 1998; lowest recorded, 258.18 ft below land-surface datum, July 11, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	252.93	MAR 01	252.64	APR 29	252.95	JUL 19	253.16
WATER YEAR 2004		HIGHEST	252.64 MAR 01, 2004	LOWEST	253.16 JUL 19, 2004		



LOCAL NUMBER.--V-652, Site ID 305626093124301.

LOCATION.--Lat 30° 56' 26", long 93° 12' 43", Hydrologic Unit 08080204, Sec. 32, T.15N, R. 8W.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 160 ft, screened 150-160 ft, casing diameter 4 in.

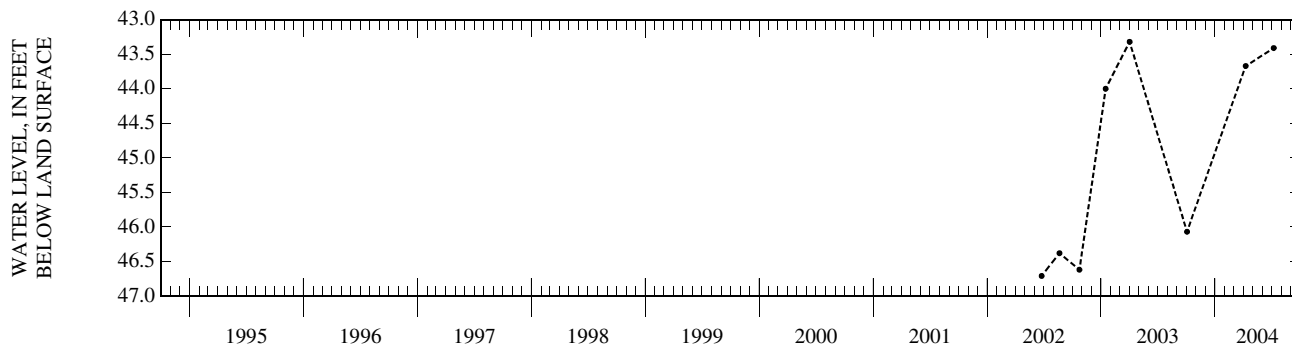
DATUM.--Elevation of land surface datum is 210 ft above NGVD of 1929. Measuring point: Top of access pipe on south side of well, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--1990, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.32 ft below land-surface datum, Apr. 2, 2003; lowest recorded, 46.71 ft below land-surface datum, June 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	46.07	APR 08	43.67	JUL 07	43.41
WATER YEAR 2004		HIGHEST	43.67 APR 08, 2004	LOWEST	46.07 OCT 03, 2003



VERNON PARISH—Continued

LOCAL NUMBER.--V-658, Site ID 310601093120201.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 635 ft, screened 505-635 ft, casing diameter 16 to 10 in.

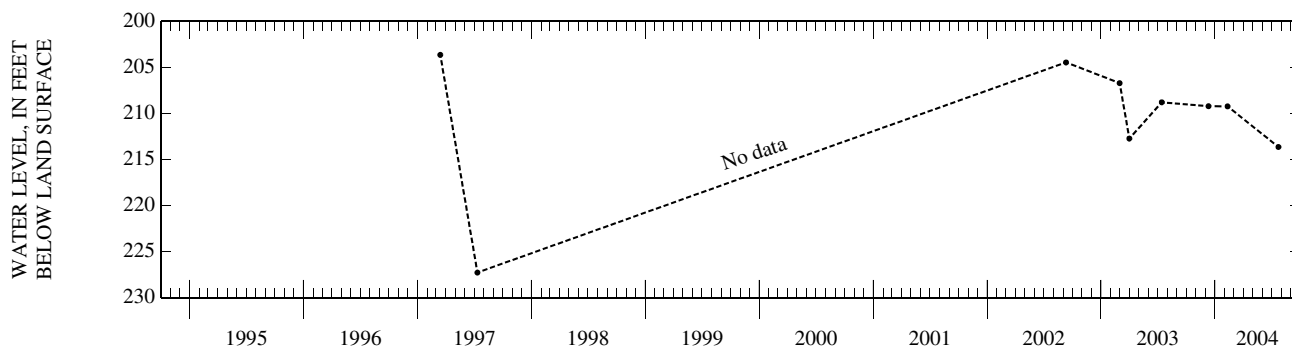
DATUM.--Elevation of land surface datum is 309 ft above NGVD of 1929. Measuring point: 1-in. pipe with threaded cap in plate, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--1993, 1997, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 200.00 ft below land-surface datum (reported), June 1, 1993; lowest recorded, 227.28 ft below land-surface datum, July 11, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	209.21	FEB 10	209.23	JUL 22	213.64
WATER YEAR 2004	HIGHEST 209.21	DEC 11, 2003	LOWEST 213.64	JUL 22, 2004	



LOCAL NUMBER.--V-659, Site ID 310248093125501.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 912 ft, screened 859-912 ft, casing diameter 24 to 16 in.

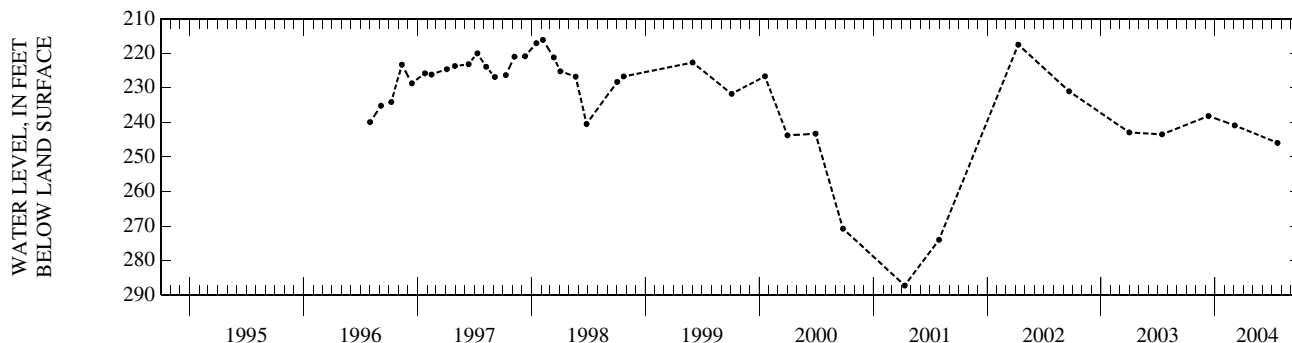
DATUM.--Elevation of land surface datum is 310 ft above NGVD of 1929. Measuring point: 3/4-in. identification pipe in pump base, 2.1 ft above land-surface datum.

PERIOD OF RECORD.--1994, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 216.13 ft below land-surface datum, Feb. 6, 1998; lowest recorded, 287.27 ft below land-surface datum, Apr. 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	238.17	MAR 04	240.89	JUL 19	245.96
WATER YEAR 2004	HIGHEST 238.17	DEC 11, 2003	LOWEST 245.96	JUL 19, 2004	



VERNON PARISH—Continued

LOCAL NUMBER.--V-661, Site ID 310348093121101.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 860 ft, screened 807-860 ft, casing diameter 16 to 10 in.

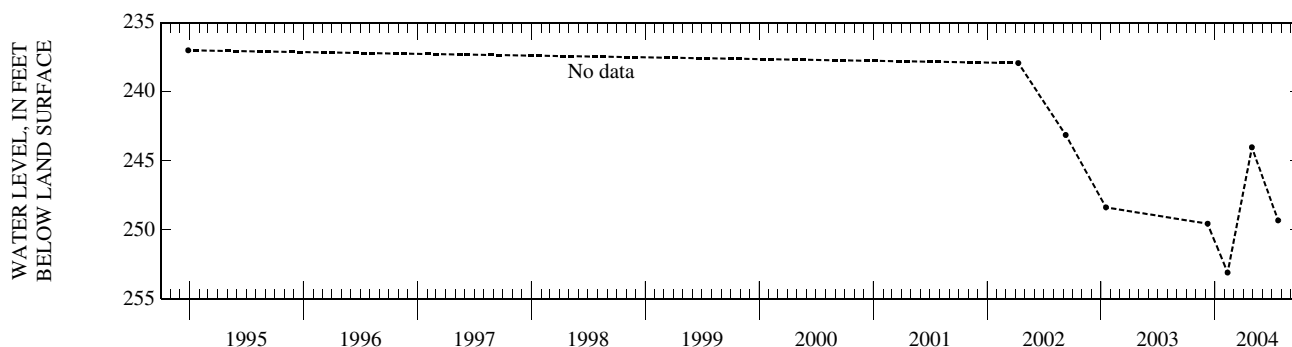
DATUM.--Elevation of land surface datum is 332 ft above NGVD of 1929. Measuring point: 2-in. vent pipe, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1994, 1997, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 237.00 ft below land-surface datum (reported), Dec. 27, 1994; lowest recorded, 253.09 ft below land-surface datum, Feb. 10, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08	249.55	FEB 10	253.09	APR 28	244.02	JUL 21	249.31
WATER YEAR 2004		HIGHEST 244.02 APR 28, 2004		LOWEST 253.09		FEB 10, 2004	



LOCAL NUMBER.--V-8502Z, Site ID 310440092550501.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 190 ft, screened 180-190 ft, casing diameter 2 in.

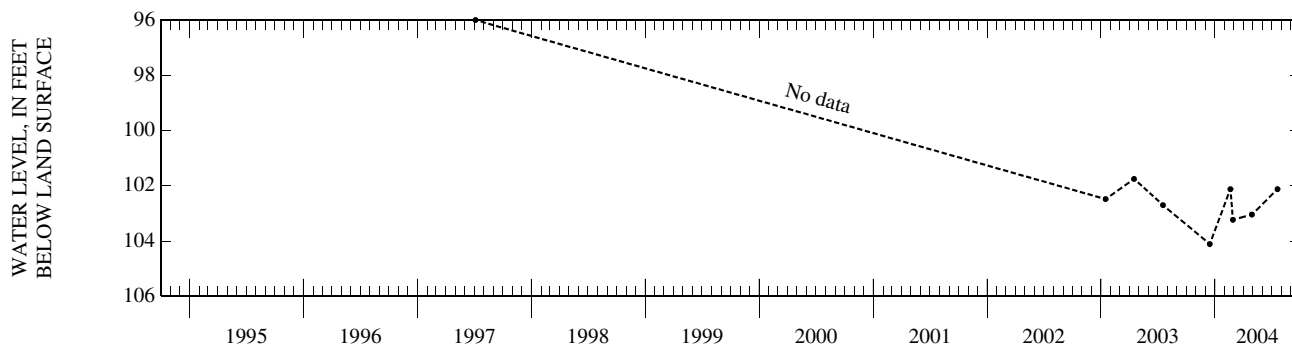
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Top of PVC casing, 1.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 96.00 ft above land-surface datum (reported), July 5, 1997; lowest recorded, 104.11 ft below land-surface datum, Dec 15, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	104.11	FEB 19	102.12	FEB 27	103.23	APR 28	103.04	JUL 19	102.12
WATER YEAR 2004		HIGHEST 102.12 FEB 19, 2004		JUL 19, 2004		LOWEST 104.11		DEC 15, 2003	



VERNON PARISH—Continued

LOCAL NUMBER.--V-8507Z, Site ID 310605092560201.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 160 ft, screened 150-160 ft, casing diameter 2 in.

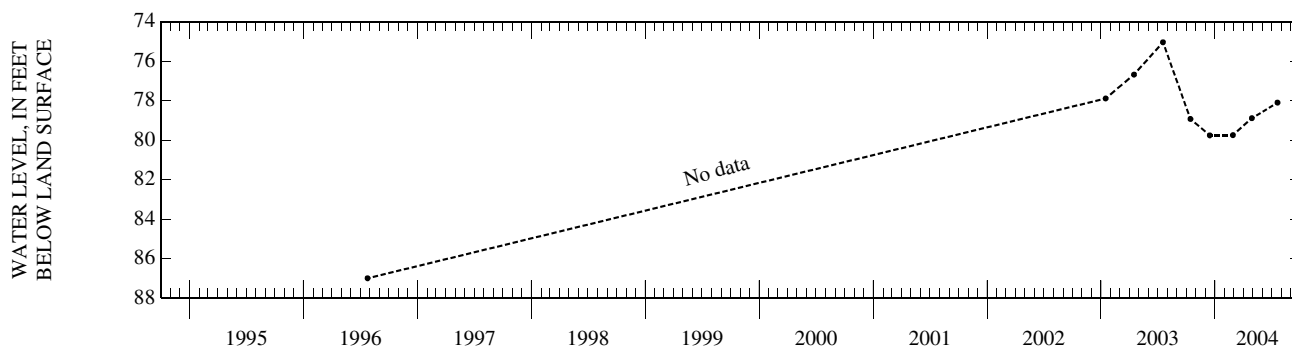
DATUM.--Elevation of land surface datum is 300 ft above NGVD of 1929. Measuring point: Top of PVC casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1996, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 75.04 ft above land-surface datum, July 18, 2003; lowest recorded, 87.00 ft below land-surface datum (reported), July 24, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	78.93	DEC 15	79.76	FEB 27	79.75	APR 28	78.89	JUL 19	78.10
WATER YEAR 2004		HIGHEST	78.10 JUL 19, 2004	LOWEST	79.76 DEC 15, 2003				



LOCAL NUMBER.--V-8508Z, Site ID 310607092572601.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 90 ft, screened 80-90 ft, casing diameter 2 in.

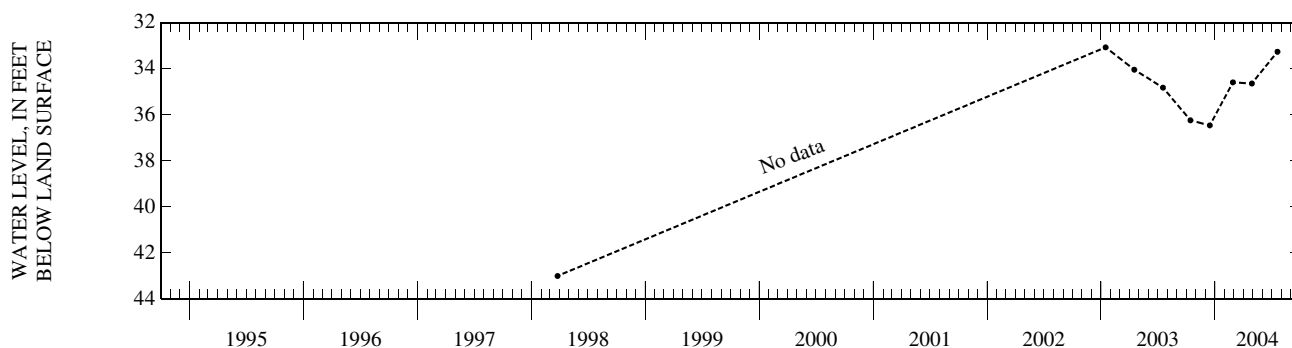
DATUM.--Elevation of land surface datum is 335 ft above NGVD of 1929. Measuring point: Top of PVC casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1998, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.07 ft above land-surface datum, Jan. 15, 2003; lowest recorded, 43.00 ft below land-surface datum (reported), Mar. 25, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	36.24	DEC 15	36.46	FEB 27	34.59	APR 28	34.64	JUL 19	33.26
WATER YEAR 2004		HIGHEST	33.26 JUL 19, 2004	LOWEST	36.46 DEC 15, 2003				



VERNON PARISH—Continued

LOCAL NUMBER.--V-8586Z, Site ID 310821093054001.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 475 ft, screened 455-475 ft, casing diameter 2 in.

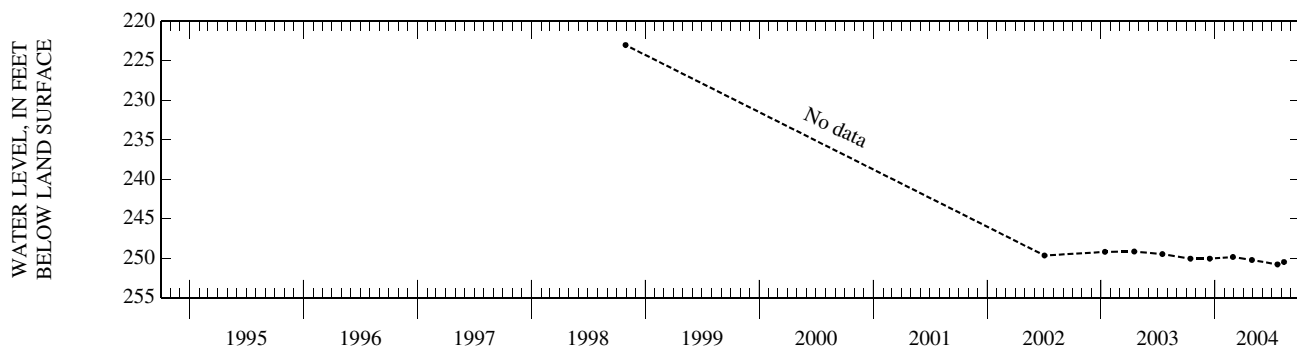
DATUM.--Elevation of land surface datum is 380 ft above NGVD of 1929. Measuring point: Top of PVC pipe, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1998, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 223.00 ft below land-surface datum (reported), Oct. 29, 1998; lowest recorded, 250.79 ft below land-surface datum, July 19, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	250.06	DEC 15	250.06	FEB 27	249.85	APR 28	250.23	JUL 19	250.79	AUG 09	250.49
WATER YEAR 2004		HIGHEST 249.85 FEB 27, 2004		LOWEST 250.79 JUL 19, 2004							



LOCAL NUMBER.--V-8588Z, Site ID 310647093090601.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 400 ft, screened 380-400 ft, casing diameter 2 in.

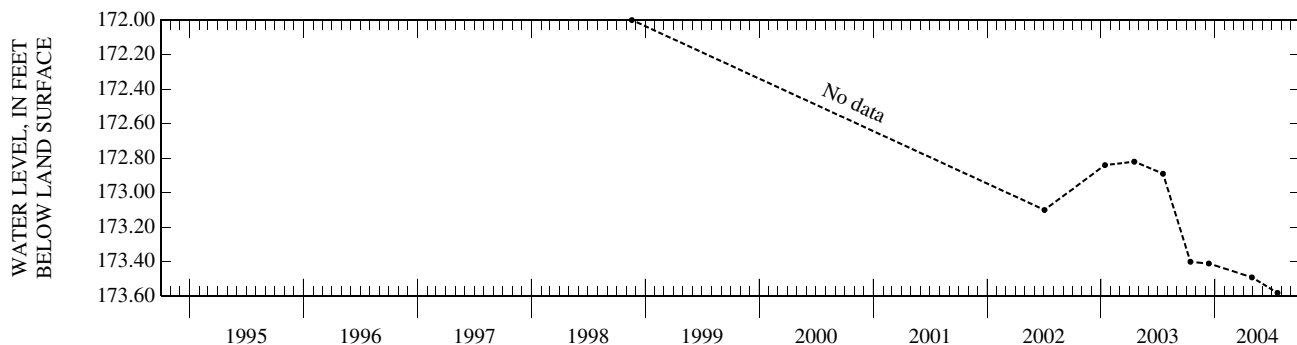
DATUM.--Elevation of land surface datum is 340 ft above NGVD of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--1998, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 172.00 ft below land-surface datum (reported), Nov. 18, 1998; lowest recorded, 173.58 ft below land-surface datum, July 19, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	173.40	DEC 12	173.41	APR 28	173.49	JUL 19	173.58
WATER YEAR 2004		HIGHEST 173.40 OCT 14, 2003		LOWEST 173.58 JUL 19, 2004			



VERNON PARISH—Continued

LOCAL NUMBER.--V-8592Z, Site ID 310728093002301.

LOCATION.--Hydrologic Unit 08080203.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 380 ft, screened 370-380 ft, casing diameter 2 in.

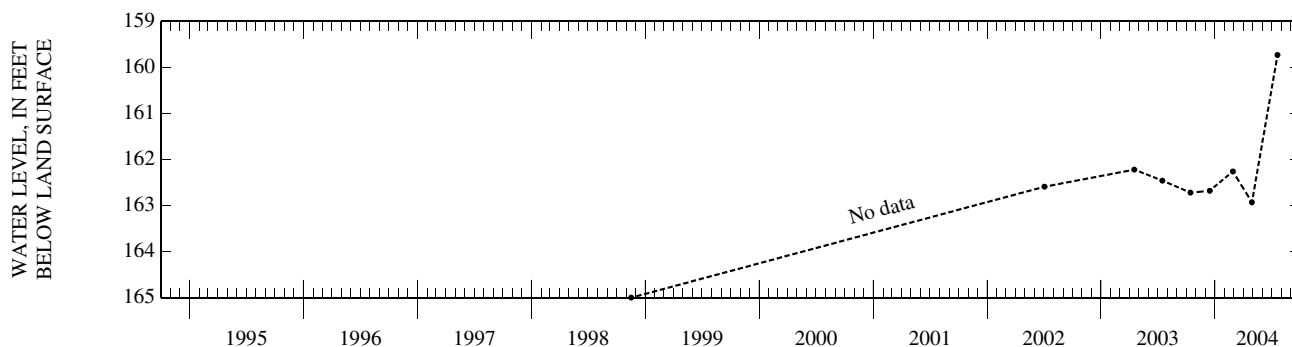
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.9 ft above land-surface datum.

PERIOD OF RECORD.--1998, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 159.73 ft above land-surface datum, July 19, 2004; lowest recorded, 165.00 ft below land-surface datum (reported), Nov. 16, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	162.72	DEC 15	162.68	FEB 27	162.26	APR 28	162.93	JUL 19	159.73
WATER YEAR 2004		HIGHEST	159.73	JUL 19, 2004	LOWEST	162.93	APR 28, 2004		



LOCAL NUMBER.--V-8807Z, Site ID 310450092570201.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 280 ft, screened 265-280 ft, casing diameter 2 in.

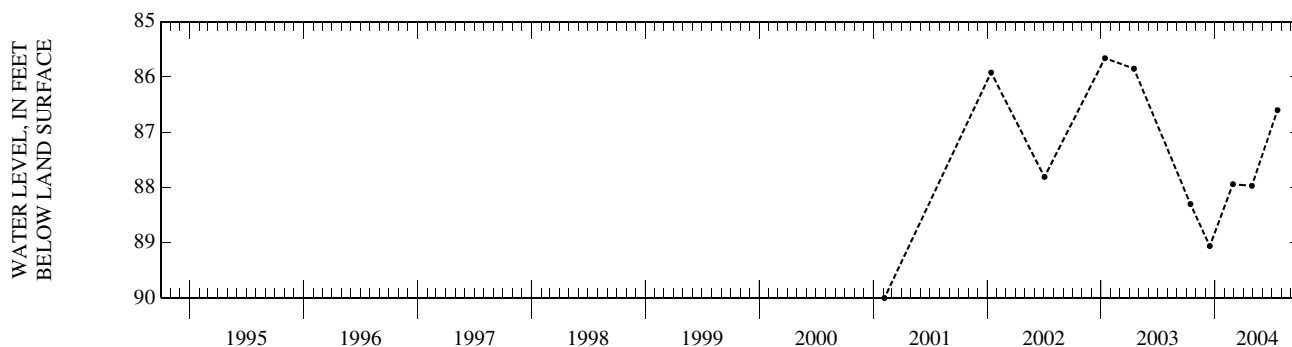
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Top of PVC casing, inside water meter box, at land-surface datum.

PERIOD OF RECORD.--2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 85.66 ft below land-surface datum, Jan. 13, 2003; lowest recorded, 90.00 ft below land-surface datum (reported), Feb. 5, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	88.30	DEC 15	89.06	FEB 27	87.94	APR 28	87.97	JUL 19	86.60
WATER YEAR 2004		HIGHEST	86.60	JUL 19, 2004	LOWEST	89.06	DEC 15, 2003		



VERNON PARISH—Continued

LOCAL NUMBER.--V-8808Z, Site ID 310450092570101.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 280 ft, screened 265-280 ft, casing diameter 2 in.

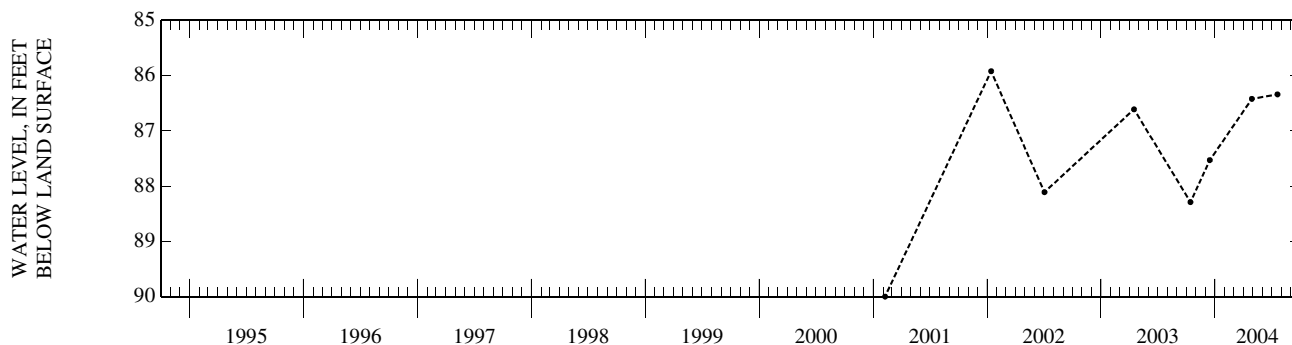
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Top of PVC pipe with metal cap removed, 0.9 ft above land-surface datum.

PERIOD OF RECORD.--2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 85.92 ft below land-surface datum, Jan. 13, 2002; lowest recorded, 90.00 ft below land-surface datum (reported), Feb. 7, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	88.29	DEC 15	87.53	APR 28	86.42	JUL 19	86.34
WATER YEAR 2004		HIGHEST	86.34	JUL 19, 2004	LOWEST	88.29	OCT 14, 2003



LOCAL NUMBER.--V-8847Z, Site ID 310816093101301.

LOCATION.--Hydrologic Unit 08080204.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 150 ft, screened 140-150 ft, casing diameter 2 in.

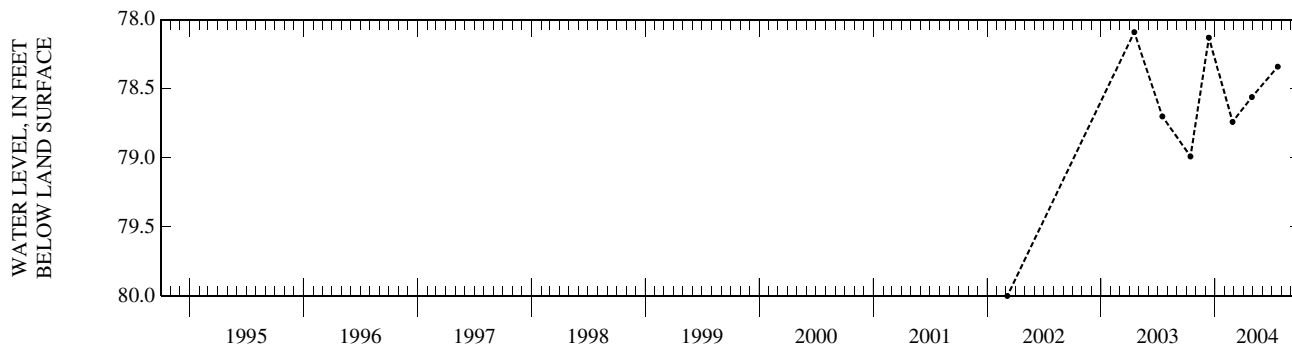
DATUM.--Elevation of land surface datum is 350 ft above NGVD of 1929. Measuring point: Top of PVC casing, unscrew metal downpipe, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 78.09 ft above land-surface datum, Apr. 17, 2003; lowest recorded, 80.00 ft below land-surface datum (reported), Mar. 6, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	78.99	DEC 12	78.13	FEB 26	78.74	APR 28	78.56	JUL 20	78.34
WATER YEAR 2004		HIGHEST	78.13	DEC 12, 2003	LOWEST	78.99	OCT 14, 2003		



WASHINGTON PARISH

LOCAL NUMBER.--Wa-13, Site ID 304652089512201.

LOCATION.--Lat 30° 46' 52", long 89° 51' 22", Hydrologic Unit 03180004, Sec. 38, T. 3S, R.13E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 156 ft, screened 90-156 ft, casing diameter 20 in.

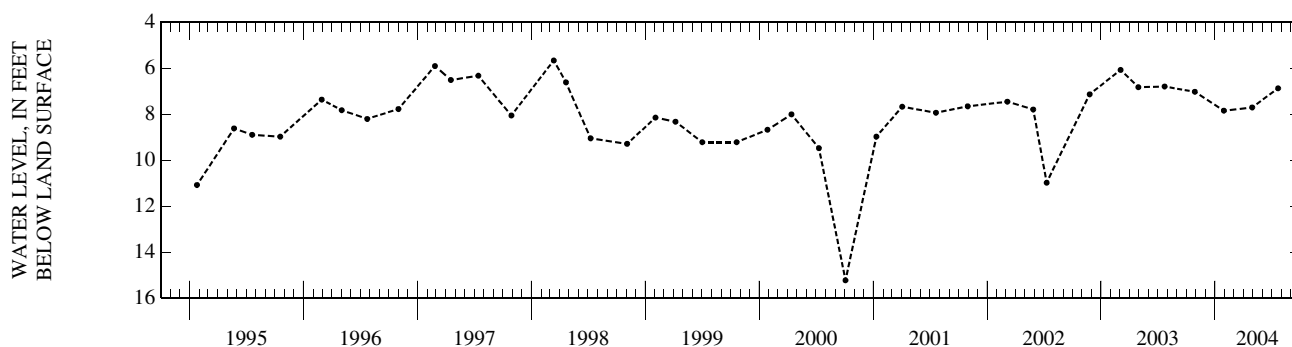
DATUM.--Elevation of land surface datum is 95 ft above NGVD of 1929. Measuring point: Top of 1-in. nipple, 0.7 ft above land-surface datum.

PERIOD OF RECORD.--1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.30 ft above land-surface datum, Feb. 22, 1961; lowest recorded, 44.07 ft below land-surface datum, Sep. 22, 1958.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	7.03	JAN 29	7.85	APR 29	7.71	JUL 21	6.88
WATER YEAR 2004		HIGHEST	6.88 JUL 21, 2004	LOWEST	7.85 JAN 29, 2004		



LOCAL NUMBER.--Wa-43, Site ID 304107089523401.

LOCATION.--Lat 30° 41' 07", long 89° 52' 34", Hydrologic Unit 03180005, Sec. 49, T. 4S, R.13E.

AQUIFER.--Upper Ponchatoula aquifer of Pliocene age (121PNCLL).

WELL CHARACTERISTICS.--Depth 420 ft, screened interval unknown, casing diameter 2 in.

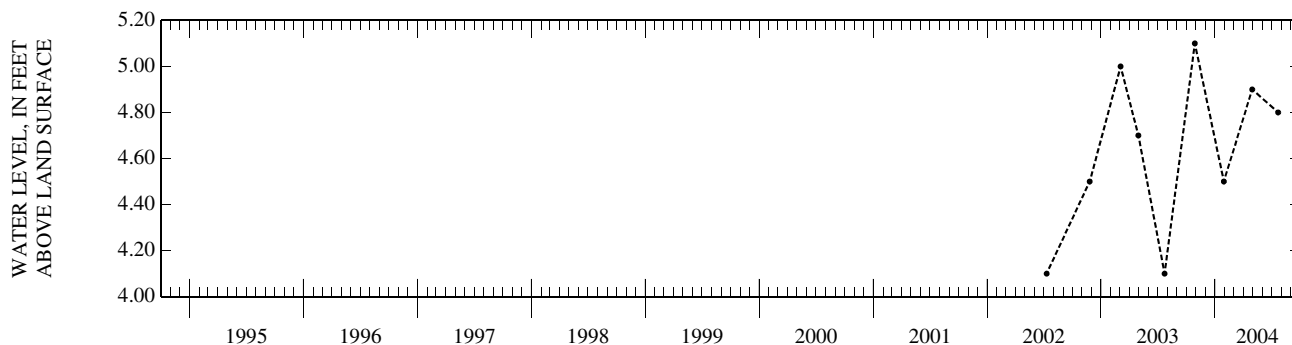
DATUM.--Elevation of land surface datum is 71 ft above NGVD of 1929. Measuring point: Top of lower valve, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--1950-84, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 31.00 ft above land-surface datum, Sept. 12, 1950; lowest recorded, 4.1 ft above land-surface datum, July 10, 2002, July 23, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	+5.1	JAN 29	+4.5	APR 29	+4.9	JUL 21	+4.8
WATER YEAR 2004		HIGHEST	+5.1 OCT 28, 2003	LOWEST	+4.5 JAN 29, 2004		



WASHINGTON PARISH—Continued

LOCAL NUMBER.--Wa-70, Site ID 305246090184301.

LOCATION.--Lat 30° 52'46", long 90° 18'43", Hydrologic Unit 08090201, Sec. 41, T. 2S, R. 9E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 90 ft, screened 80-90 ft, casing diameter 4 in.

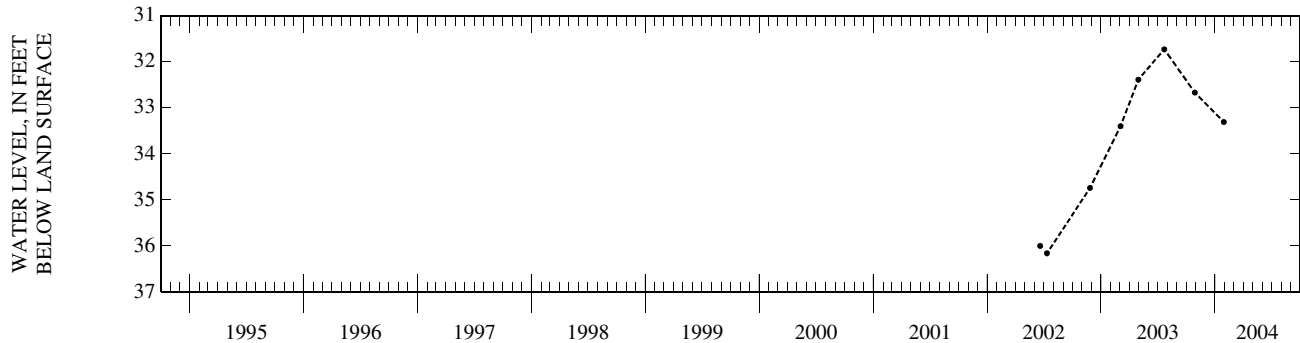
DATUM.--Elevation of land surface datum is 262 ft above NGVD of 1929. Measuring point: Access hole for wires in casing, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--1968-69, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 31.73 ft below land-surface datum, July 22, 2003; lowest recorded, 39.60 ft below land-surface datum, June 13, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	32.67	JAN 29	33.31
WATER YEAR 2004 HIGHEST	32.67 OCT 28, 2003	LOWEST	33.31 JAN 29, 2004



LOCAL NUMBER.--Wa-79, Site ID 304926090083001.

LOCATION.--Lat 30° 49'26", long 90° 08'30", Hydrologic Unit 03180004, Sec. 43, T. 1S, R. 10E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 310 ft, screened 270-310 ft, casing diameter 2 in.

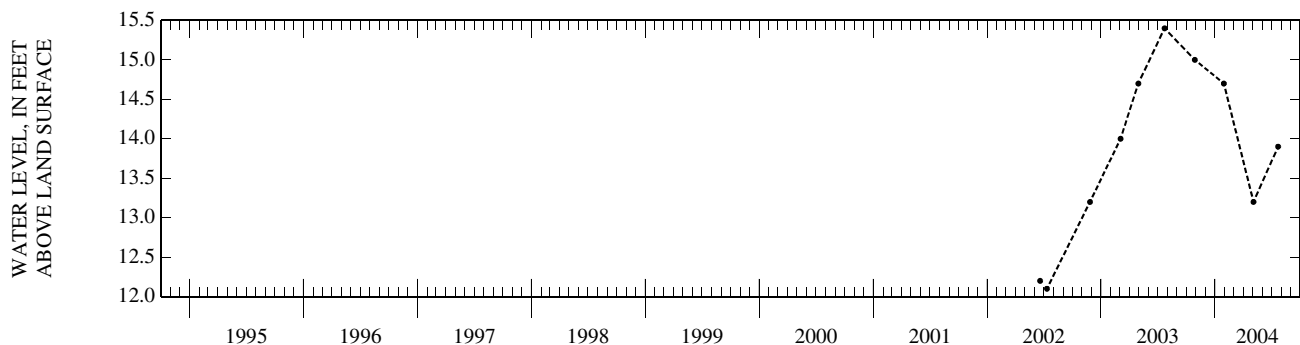
DATUM.--Elevation of land surface datum is 192 ft above NGVD of 1929. Measuring point: Center line of faucet closest to house, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--1969, 1975-77, 1990, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 24.50 ft above land-surface datum, Oct. 29, 1975; lowest recorded, 12.1 ft above land-surface datum, July 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	+15.0	JAN 29	+14.7	MAY 03	+13.2	JUL 21	+13.9
WATER YEAR 2004 HIGHEST	+15.0 OCT 28, 2003	LOWEST	+13.2 MAY 03, 2004				



GROUND-WATER LEVELS
WASHINGTON PARISH—Continued

LOCAL NUMBER.--Wa-114, Site ID 305405089553501.

LOCATION.--Lat 30° 54'05", long 89° 55'35", Hydrologic Unit 03180004, Sec. 6, T. 2S, R.13E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 168 ft, screened 158-168 ft, casing diameter 4 in.

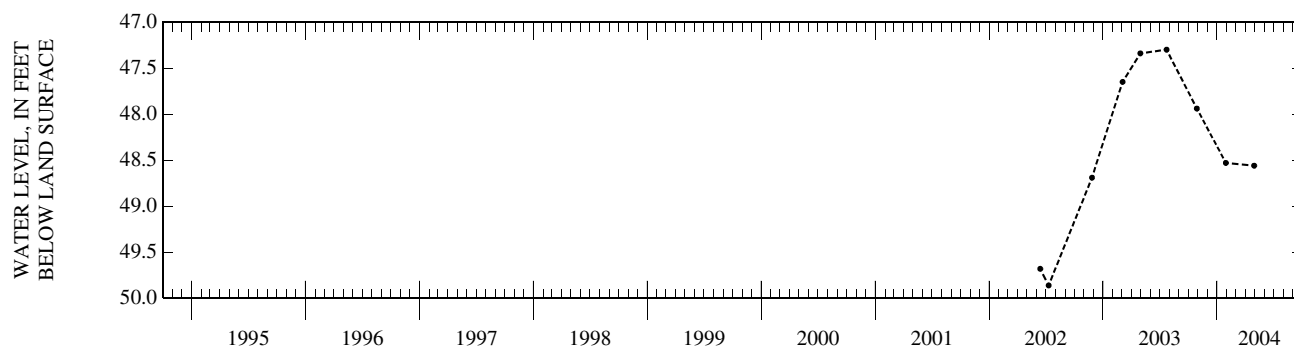
DATUM.--Elevation of land surface datum is 260 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.3 ft above land-surface datum.

PERIOD OF RECORD.--1976-77, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.25 ft below land-surface datum, Apr. 6, 1977; lowest recorded, 49.86 ft below land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	47.94	JAN 29	48.53	APR 29	48.56
WATER YEAR 2004 HIGHEST 47.94 OCT 28, 2003 LOWEST 48.56 APR 29, 2004					



LOCAL NUMBER.--Wa-116, Site ID 304629089590001.

LOCATION.--Lat 30° 46'29", long 89° 59'00", Hydrologic Unit 03180004, Sec. 40, T. 3S, R.12E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 172 ft, screened 162-172 ft, casing diameter 4 in.

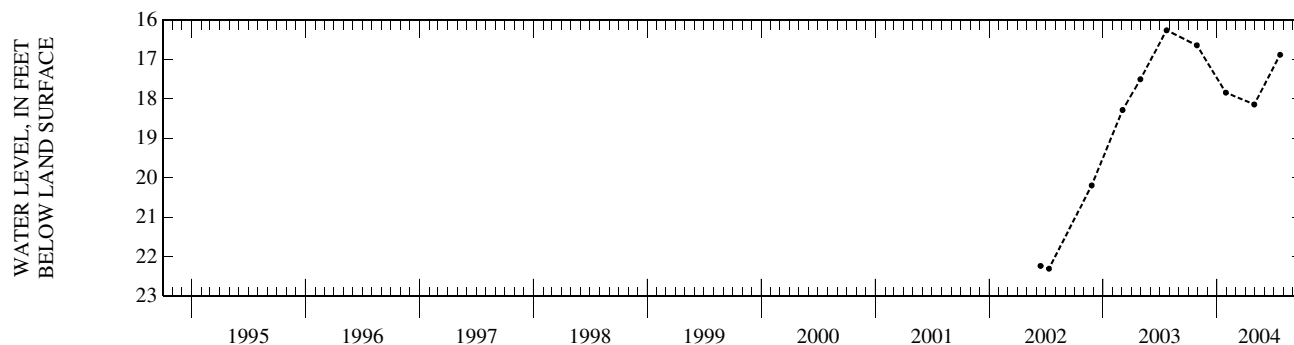
DATUM.--Elevation of land surface datum is 180 ft above NGVD of 1929. Measuring point: Top of casing at file notches, 0.25 ft above land-surface datum.

PERIOD OF RECORD.--1976-77, 1991, 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.07 ft below land-surface datum, May 25, 1977; lowest recorded, 22.30 ft below land-surface datum, July 11, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	16.64	JAN 29	17.84	APR 29	18.14	JUL 21	16.88
WATER YEAR 2004 HIGHEST 16.64 OCT 28, 2003 LOWEST 18.14 APR 29, 2004							



WASHINGTON PARISH—Continued

LOCAL NUMBER.--Wa-125, Site ID 304900089542601.

LOCATION.--Lat 30° 49'00", long 89° 54'26", Hydrologic Unit 03180004, Sec. 5, T. 3S, R.13E.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 1,450 ft, screened 1,440-1,450 ft, casing diameter 2 in.

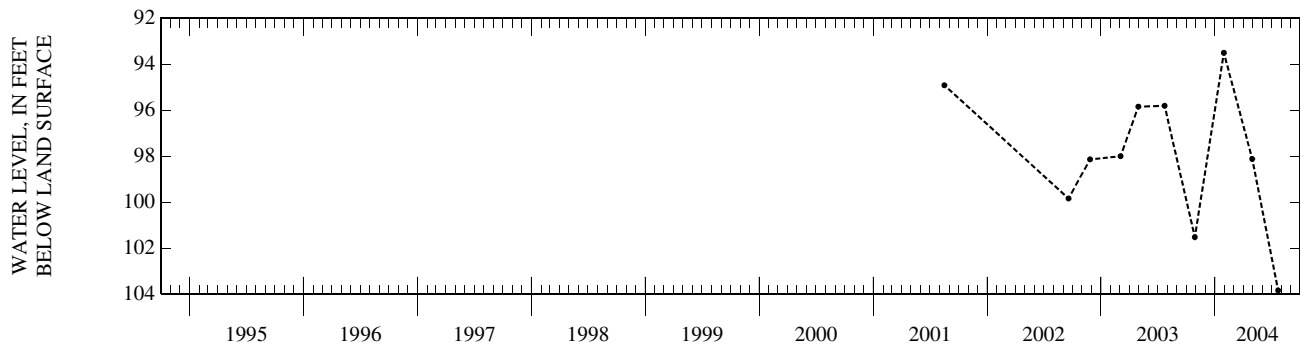
DATUM.--Elevation of land surface datum is 150 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--1977-89, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 66.46 ft below land-surface datum, Apr. 3, 1978; lowest recorded, 103.83 ft below land-surface datum, July 21, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	101.52	JAN 29	93.51	APR 29	98.12	JUL 21	103.83
WATER YEAR 2004		HIGHEST	93.51 JAN 29, 2004	LOWEST	103.83 JUL 21, 2004		



LOCAL NUMBER.--Wa-158, Site ID 304612089512401.

LOCATION.--Hydrologic Unit 031800004.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 1,414 ft, screened 1,337-1,414 ft, casing diameter 12 3/4 to 8 5/8 in.

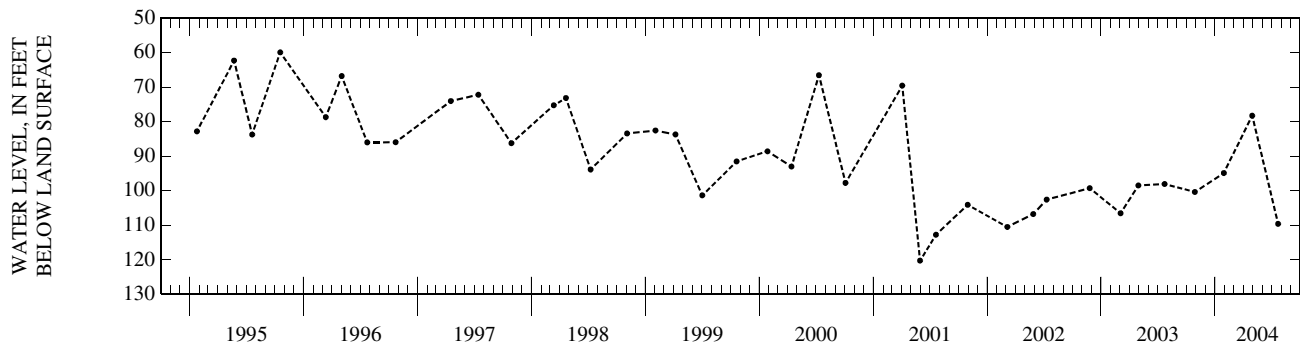
DATUM.--Elevation of land surface datum is 97 ft above NGVD of 1929. Measuring point: Bottom lip of breather pipe, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.00 ft below land-surface datum (reported), May 18, 1987; lowest recorded, 120.25 ft below land-surface datum, May 30, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	100.36	JAN 29	94.89	APR 29	78.28	JUL 21	109.60
WATER YEAR 2004		HIGHEST	78.28 APR 29, 2004	LOWEST	109.60 JUL 21, 2004		



WASHINGTON PARISH—Continued

LOCAL NUMBER.--Wa-5682Z, Site ID 305718090122101.

LOCATION.--Lat 30° 57'17", long 90° 12'21", Hydrologic Unit 03180005, Sec. 59, T. 1S, R.10E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 32 ft, screened 22-32 ft, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 199 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1991, 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.0 ft below land-surface datum (reported), Oct. 7, 1991; lowest recorded, 18.24 ft below land-surface datum, May 24, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 24	18.24	JUL 21	17.94
WATER YEAR 2004	HIGHEST 17.94 JUL 21, 2004	LOWEST 18.24 MAY 24, 2004	

LOCAL NUMBER.--Wa-7324Z, Site ID 305908090140901.

LOCATION.--Lat 30° 59'07", long 90° 14'09", Hydrologic Unit 03180005, Sec. 6, T. 1S, R.10E.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 110 ft, screened 100-110 ft, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 320 ft above NGVD of 1929. Measuring point: Hole in sanitary seal, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--2001, and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.84 ft below land-surface datum, July 21, 2004; lowest recorded, 90.0 ft below land-surface datum (reported), July 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 24	82.29	JUL 21	80.84
WATER YEAR 2004	HIGHEST 80.84 JUL 21, 2004	LOWEST 82.29 MAY 24, 2004	

WEBSTER PARISH

LOCAL NUMBER.--Wb-219, Site ID 323220093165902.

LOCATION.--Lat 32° 32'20", long 93° 16'59", Hydrologic Unit 11140203, Sec. 22, T.18N, R. 9W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 136 ft, screened 116-136 ft, casing diameter 10 in.

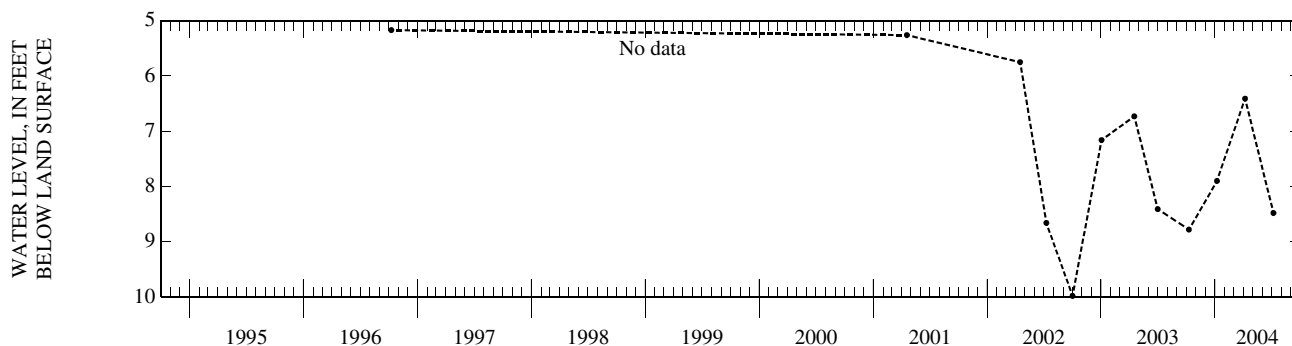
DATUM.--Elevation of land surface datum is 190 ft above NGVD of 1929. Measuring point: Top edge of well casing, 0.9 ft above land-surface datum.

PERIOD OF RECORD.--1963, 1975, 1977, 1980, 1985, 1989, 1996, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.17 ft below land-surface datum, May 13, 1975; lowest recorded, 9.98 ft below land-surface datum, Oct. 1, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	8.78	JAN 07	7.90	APR 06	6.41	JUL 06	8.48
WATER YEAR 2004	HIGHEST 6.41 APR 06, 2004	LOWEST 8.78 OCT 09, 2003					



WEBSTER PARISH—Continued

LOCAL NUMBER.--Wb-399, Site ID 325518093221901.

LOCATION.--Lat 32° 55'18", long 93° 22'19", Hydrologic Unit 11140203, Sec. 2, T.22N, R.10W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 298 ft, screened 288-298 ft, casing diameter 2 in.

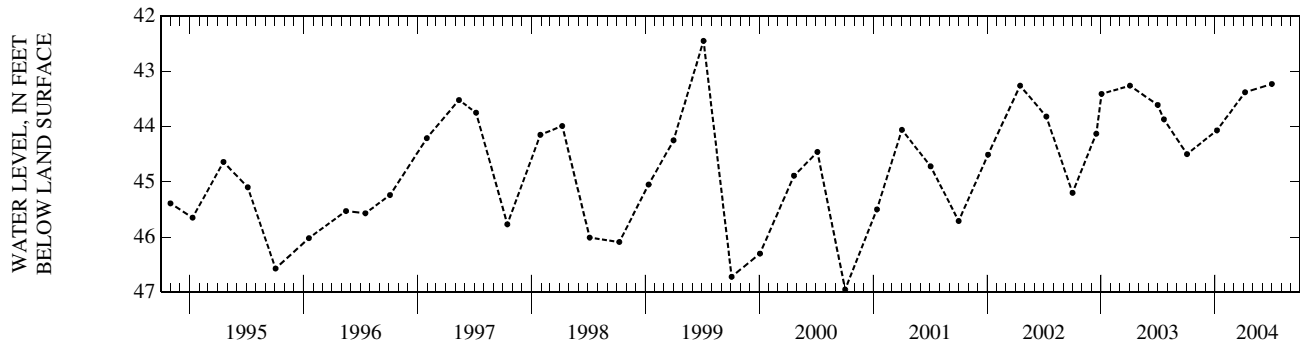
DATUM.--Elevation of land surface datum is 205 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 42.45 ft below land-surface datum, July 6, 1999; lowest recorded, 46.95 ft below land-surface datum, Oct. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	44.50	JAN 07	44.07	APR 06	43.38	JUL 01	43.23
WATER YEAR 2004 HIGHEST		43.23	JUL 01, 2004	LOWEST	44.50	OCT 03, 2003	



WEST BATON ROUGE PARISH

LOCAL NUMBER.--WBR-5, Site ID 302732091121901.

LOCATION.--Lat 30° 27'32", long 91° 12'19", Hydrologic Unit 08070300, Sec. 66, T. 7S, R.12E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,335 ft, screened 1,230-1,335 ft, casing diameter 8 in.

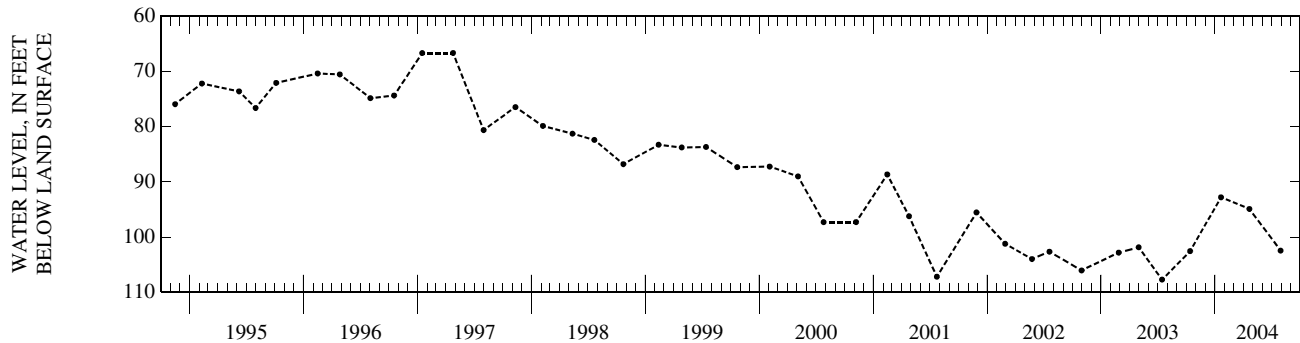
DATUM.--Elevation of land surface datum is 27 ft above NGVD of 1929. Measuring point: Top edge of 3/8-in. hole in 8-in. collar, 4.9 ft above land-surface datum.

PERIOD OF RECORD.--1943-46, 1949-50, 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.10 ft above land-surface datum, June 21, 1943; lowest recorded, 112.62 ft below land-surface datum, Aug. 15, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	102.54	JAN 20	92.80	APR 20	94.91	JUL 29	102.45
WATER YEAR 2004 HIGHEST		92.80	JAN 20, 2004	LOWEST	102.54	OCT 13, 2003	



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-100A, Site ID 302652091121401.

LOCATION.--Lat 30° 26' 52", long 91° 12' 14", Hydrologic Unit 08070300, Sec. 68, T. 7S, R.12E.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,888 ft, screened 1,884-1,888 ft, casing diameter 4 in.

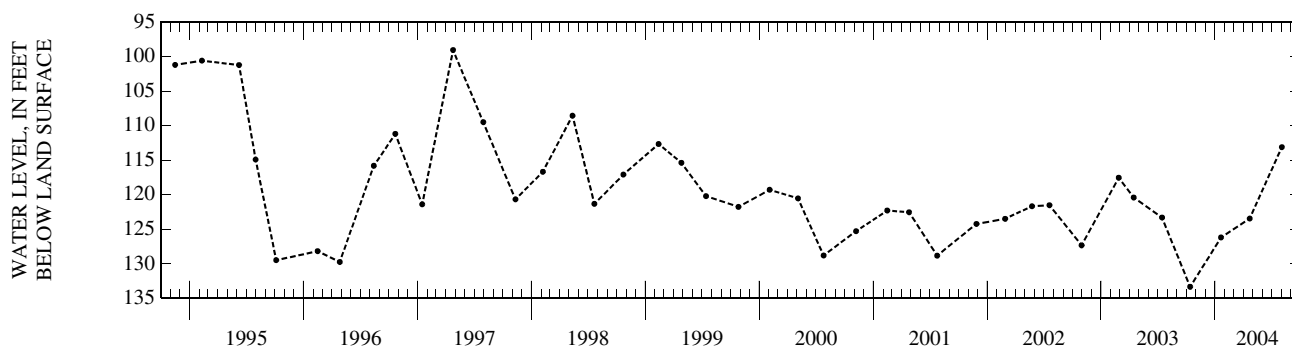
DATUM.--Elevation of land surface datum is 29 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.30 ft below land-surface datum, May 6, 1966; lowest recorded, 133.33 ft below land-surface datum, Oct. 13, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	133.33	JAN 20	126.19	APR 21	123.45	AUG 02	113.11
WATER YEAR 2004		HIGHEST	113.11	AUG 02, 2004	LOWEST	133.33	OCT 13, 2003



LOCAL NUMBER.--WBR-100B, Site ID 302652091121402.

LOCATION.--Lat 30° 26' 52", long 91° 12' 14", Hydrologic Unit 08070300, Sec. 68, T. 7S, R.12E.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,448 ft, screened 2,444-2,448 ft, casing diameter 2 in.

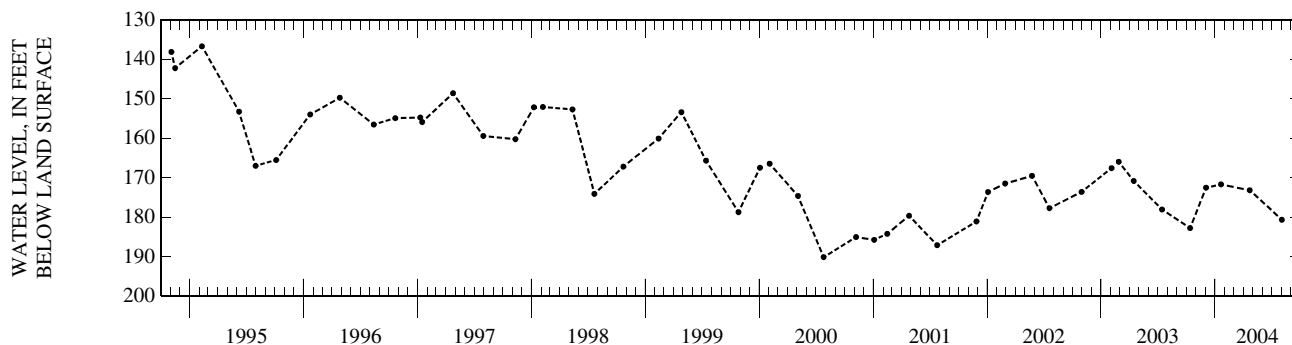
DATUM.--Elevation of land surface datum is 29 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.06 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.97 ft below land-surface datum, May 17, 1966; lowest recorded, 190.06 ft below land-surface datum, July 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	182.71	DEC 03	172.48	JAN 20	171.63	APR 21	173.12
WATER YEAR 2004		HIGHEST	171.63	JAN 20, 2004	LOWEST	182.71	OCT 13, 2003



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-102A, Site ID 302806091172601.

LOCATION.--Lat 30° 28'06", long 91° 17'26", Hydrologic Unit 08070300, Sec. 7, T. 7S, R.12E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,288 ft, screened 1,284-1,288 ft, casing diameter 4 in.

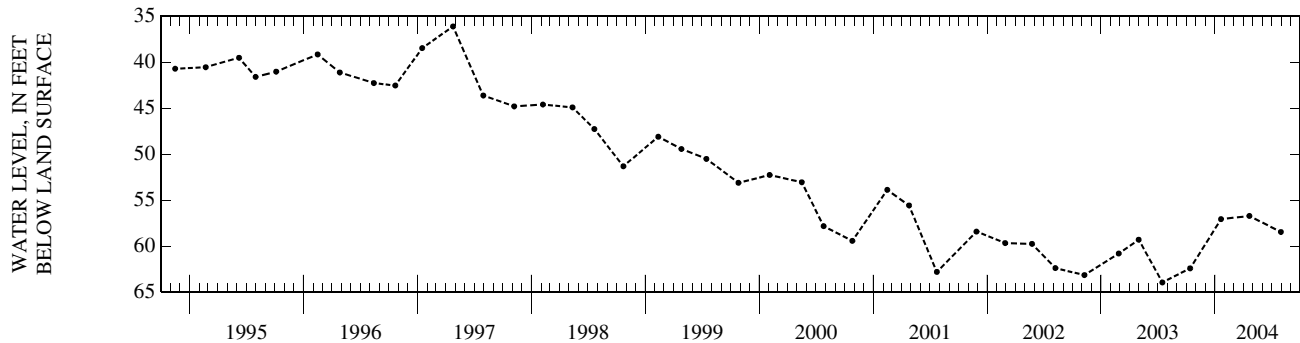
DATUM.--Elevation of land surface datum is 18 ft above NGVD of 1929. Measuring point: Top of 4-in. casing, 1.71 ft above land-surface datum.

PERIOD OF RECORD.--1966-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.13 ft below land-surface datum, Apr. 24, 1997; lowest recorded, 63.93 ft below land-surface datum, July 16, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	62.40	JAN 20	57.05	APR 20	56.71	JUL 30	58.45
WATER YEAR 2004		HIGHEST	56.71	APR 20, 2004	LOWEST	62.40	OCT 13, 2003



LOCAL NUMBER.--WBR-102B, Site ID 302806091172602.

LOCATION.--Lat 30° 28'06", long 91° 17'26", Hydrologic Unit 08070300, Sec. 7, T. 7S, R.12E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,100 ft, screened 2,096-2,100 ft, casing diameter 4 to 2 in.

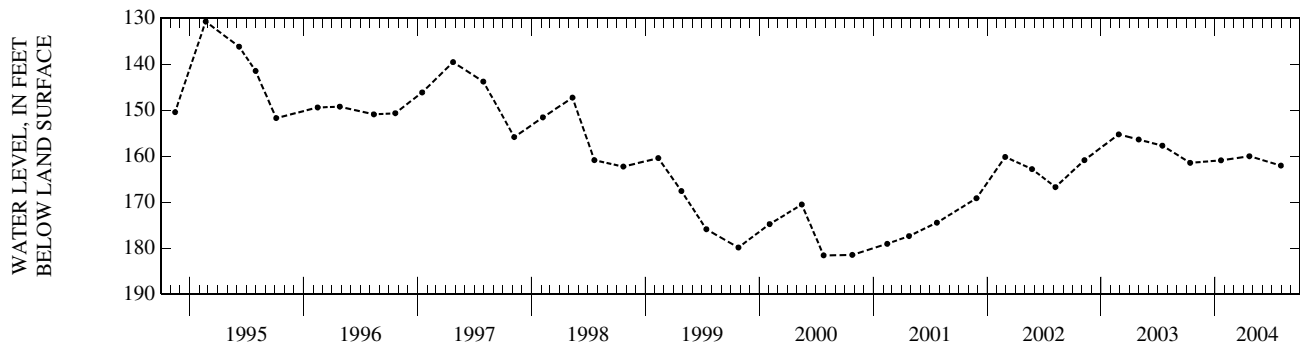
DATUM.--Elevation of land surface datum is 18 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.07 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.89 ft below land-surface datum, Apr. 22, 1966; lowest recorded, 189.22 ft below land-surface datum, Sep. 25, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	161.44	JAN 20	160.89	APR 20	160.01	JUL 30	162.05
WATER YEAR 2004		HIGHEST	160.01	APR 20, 2004	LOWEST	162.05	JUL 30, 2004



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-106, Site ID 302703091133703.

LOCATION.--Lat 30° 27'03", long 91° 13'37", Hydrologic Unit 08070300, Sec. 93, T. 7S, R.12E.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,017 ft, screened 2,012-2,017 ft, casing diameter 2 in.

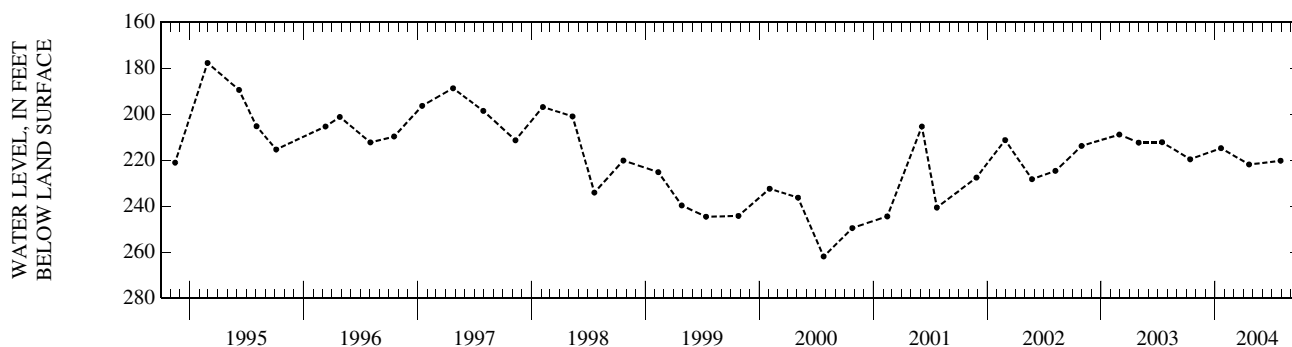
DATUM.--Elevation of land surface datum is 22 ft above NGVD of 1929. Measuring point: Top edge of 3/4-in. air line, 2.08 ft above land-surface datum.

PERIOD OF RECORD.--1966-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 166.62 ft below land-surface datum, July 28, 1966; lowest recorded, 288.20 ft below land-surface datum, Nov. 8, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	219.63	JAN 20	214.80	APR 19	221.88	JUL 29	220.26
WATER YEAR 2004 HIGHEST		214.80	JAN 20, 2004	LOWEST		221.88	APR 19, 2004



LOCAL NUMBER.--WBR-111, Site ID 302550091124101.

LOCATION.--Hydrologic Unit 08070300.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,650 ft, screened 2,610-2,650 ft, casing diameter 16 to 10 to 8 in.

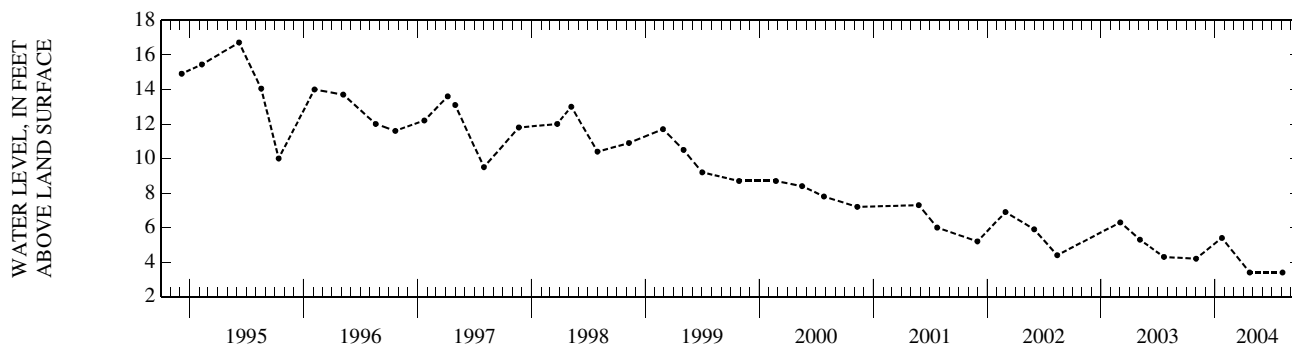
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: At faucet, 2.3 ft above land-surface datum.

PERIOD OF RECORD.--1970-71, 1974, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.5 ft above land-surface datum, Jan. 15, 1970; lowest recorded, 3.4 ft above land-surface datum, Apr. 21, 2004, Aug. 4, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	+4.2	JAN 23	+5.4	APR 21	+3.4	AUG 04	+3.4
WATER YEAR 2004 HIGHEST		+5.4	JAN 23, 2004	LOWEST		+3.4	APR 21, 2004 AUG 04, 2004



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-132, Site ID 302505091132001.

LOCATION.--Hydrologic Unit 08070300.

AQUIFER.--"1,500-ft" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,082 ft, screened 2,012-2,082 ft, casing diameter 12 3/4 to 8 5/8 to 6 5/8-in.

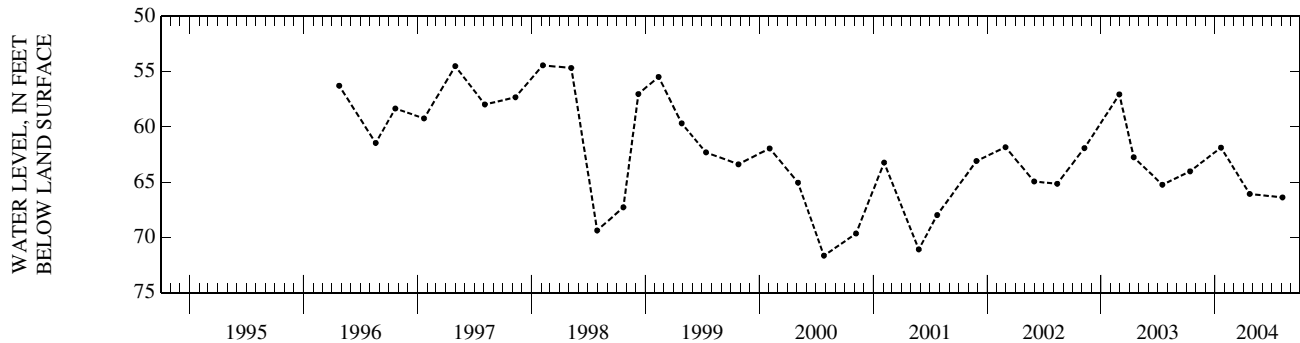
DATUM.--Elevation of land surface datum is 20 ft above NGVD of 1929. Measuring point: Top of sanitary seal on west side, remove 1/2-in. pipe and cap, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1976, 1993-94, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.65 ft below land-surface datum, Feb. 10, 1976; lowest recorded, 71.65 ft below land-surface datum, July 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	64.02	JAN 20	61.88	APR 21	66.07	AUG 04	66.38
WATER YEAR 2004		HIGHEST	61.88 JAN 20, 2004	LOWEST	66.38	AUG 04, 2004	



LOCAL NUMBER.--WBR-146, Site ID 302853091150201.

LOCATION.--Lat 30° 28' 53", long 91° 15' 02", Hydrologic Unit 08070300, Sec. 119, T. 7S, R. 12E.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472 ft, casing diameter 2 1/2 in.

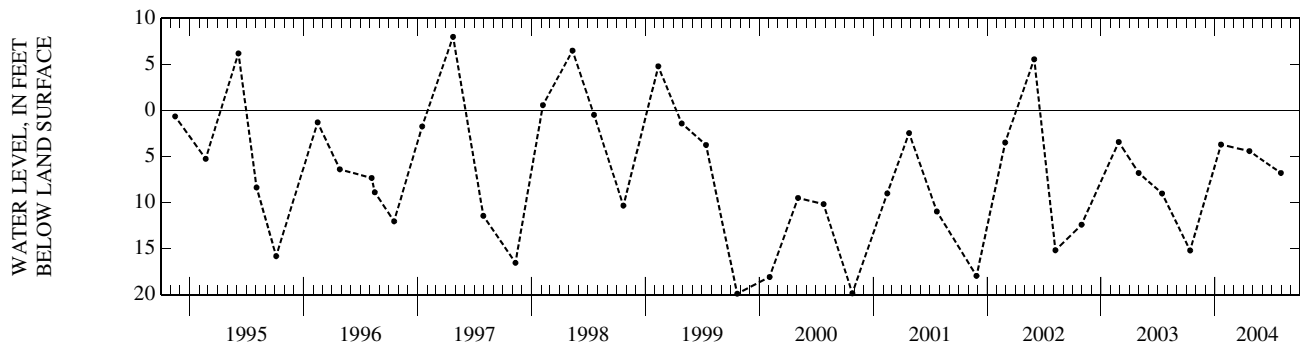
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Lip of 3/4-in. nipple, 2.76 ft above land-surface datum.

PERIOD OF RECORD.--1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.54 ft above land-surface datum, Apr. 27, 1979; lowest recorded, 20.60 ft below land-surface datum, Oct. 24, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	15.20	JAN 20	3.70	APR 20	4.41	JUL 30	6.79
WATER YEAR 2004		HIGHEST	3.70 JAN 20, 2004	LOWEST	15.20	OCT 13, 2003	



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-148, Site ID 302702091185101.

LOCATION.--Lat 30° 27'02", long 91° 18'51", Hydrologic Unit 08070300, Sec. 23, T. 7S, R.11E.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,304 ft, screened 1,294-1,304 ft, casing diameter 2 1/2 in.

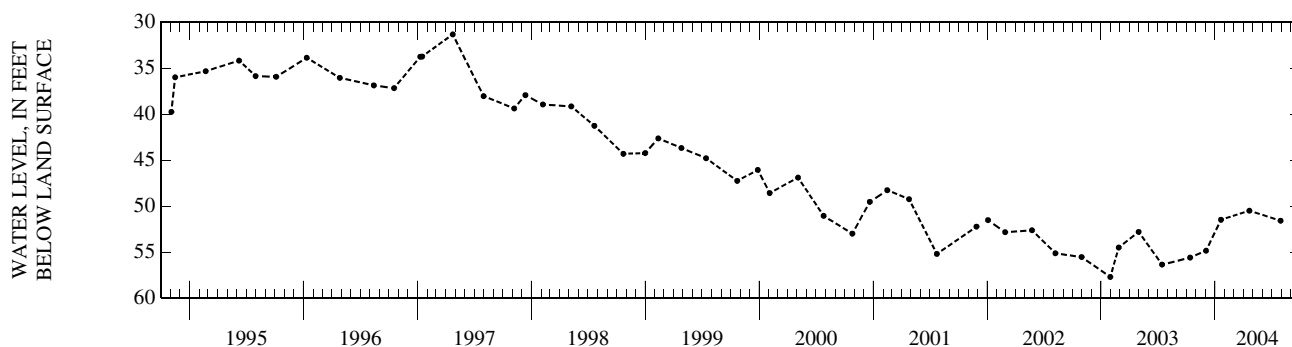
DATUM.--Elevation of land surface datum is 14 ft above NGVD of 1929. Measuring point: Top of 2 1/2-in. casing, at land-surface datum.

PERIOD OF RECORD.--1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.54 ft below land-surface datum, Nov. 12, 1993; lowest recorded, 57.68 ft below land-surface datum, Jan. 30, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	55.58	DEC 03	54.83	JAN 20	51.47	APR 20	50.49	JUL 29	51.58
WATER YEAR 2004		HIGHEST	50.49	APR 20, 2004	LOWEST	55.58	OCT 13, 2003		



LOCAL NUMBER.--WBR-160, Site ID 302958091124801.

LOCATION.--Lat 30° 29'58", long 91° 12'48", Hydrologic Unit 08070300, Sec. 50, T. 6S, R.12E.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 840 ft, screened 830-840 ft, casing diameter 4 to 2 in.

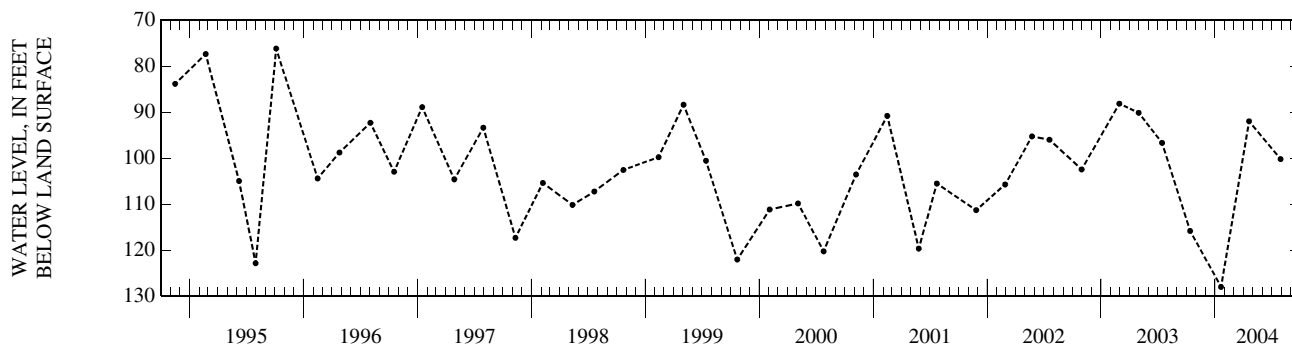
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: 1/2-in. hole in top of 4-in. cap, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.10 ft below land-surface datum, July 15, 1980; lowest recorded, 127.96 ft below land-surface datum, Jan. 20, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	115.81	JAN 20	127.96	APR 19	91.98	JUL 29	100.20
WATER YEAR 2004		HIGHEST	91.98	APR 19, 2004	LOWEST	127.96	JAN 20, 2004



WEST BATON ROUGE PARISH—Continued

LOCAL NUMBER.--WBR-161, Site ID 302958091124802.

LOCATION.--Lat 30° 29' 58", long 91° 12' 48", Hydrologic Unit 08070300, Sec. 50, T. 6S, R.12E.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 650 ft, screened 640-650 ft, casing diameter 2 in.

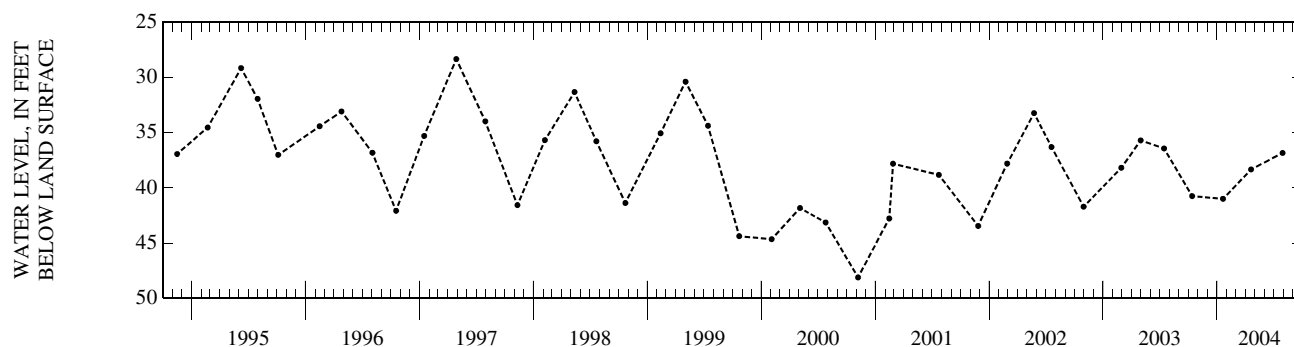
DATUM.--Elevation of land surface datum is 26 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.86 ft below land-surface datum, July 5, 1990; lowest recorded, 63.75 ft below land-surface datum, Sep. 19, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	40.75	JAN 20	41.00	APR 19	38.34	JUL 29	36.85
WATER YEAR 2004		HIGHEST	36.85 JUL 29, 2004	LOWEST	41.00 JAN 20, 2004		



LOCAL NUMBER.--WBR-173, Site ID 302456091130202.

LOCATION.--Hydrologic Unit 08070300.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,194 ft, screened 2,124-2,194 ft, casing diameter 18 to 12 to 8 in.

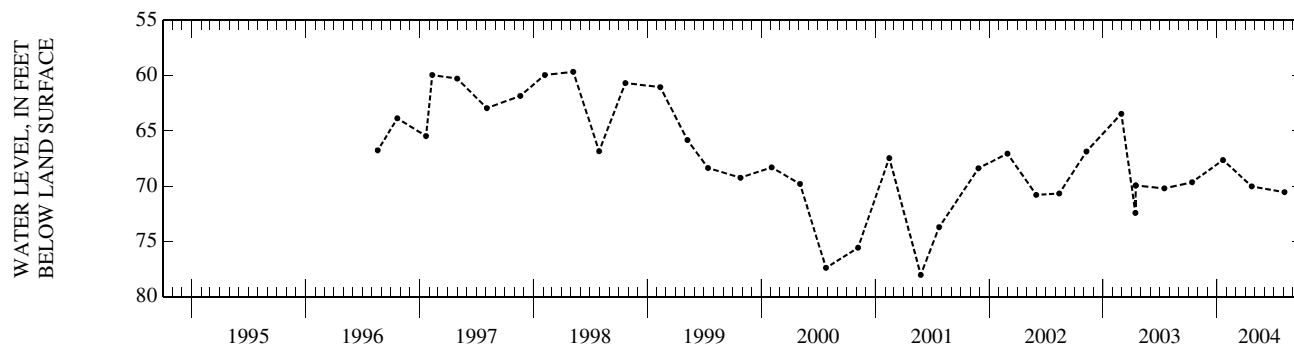
DATUM.--Elevation of land surface datum is 25 ft above NGVD of 1929. Measuring point: Lower lip of access pipe on south side, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1994, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.72 ft below land-surface datum, May 10, 1994; lowest recorded, 78.03 ft below land-surface datum, May 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	69.64	JAN 20	67.64	APR 21	70.02	AUG 04	70.54
WATER YEAR 2004		HIGHEST	67.64 JAN 20, 2004	LOWEST	70.54 AUG 04, 2004		



WEST CARROLL PARISH

LOCAL NUMBER.--WC-36, Site ID 324508091252301.

LOCATION.--Lat 32° 45' 08", long 91° 25' 23", Hydrologic Unit 08050002, Sec. 2, T.20S, R.10E.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 383 ft, screened 377-383 ft, casing diameter 4 to 2 in.

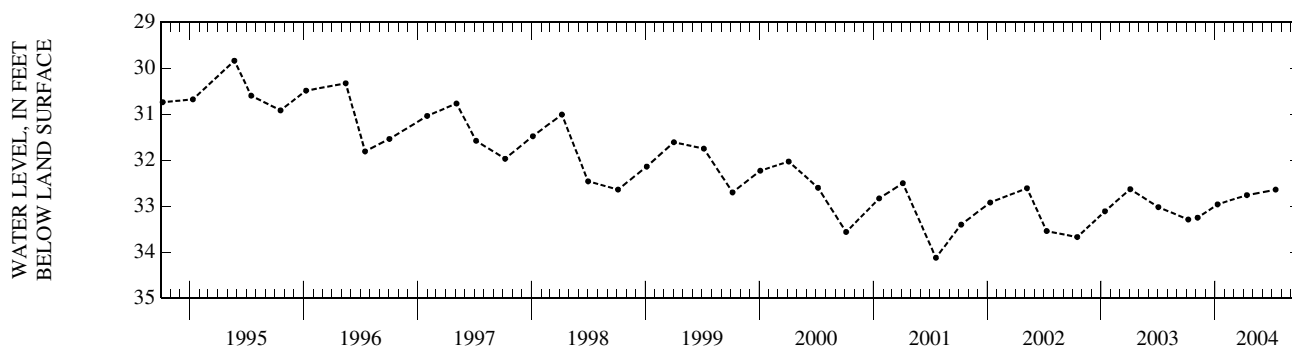
DATUM.--Elevation of land surface datum is 106.35 ft above NGVD of 1929. Measuring point: Top of casing collar, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1955-82, 1984-87, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.13 ft below land-surface datum, Mar. 19, 1963; lowest recorded, 34.12 ft below land-surface datum, July 20, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	33.29	NOV 06	33.25	JAN 09	32.96	APR 12	32.76	JUL 13	32.64
WATER YEAR 2004 HIGHEST		32.64	JUL 13, 2004	LOWEST		33.29	OCT 07, 2003		



LOCAL NUMBER.--WC-230, Site ID 324508091252302.

LOCATION.--Lat 32° 45' 08", long 91° 25' 23", Hydrologic Unit 08050002, Sec. 2, T.20N, R.10E.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 87 ft, screened 84-87 ft, casing diameter 2 to 1 1/4 in.

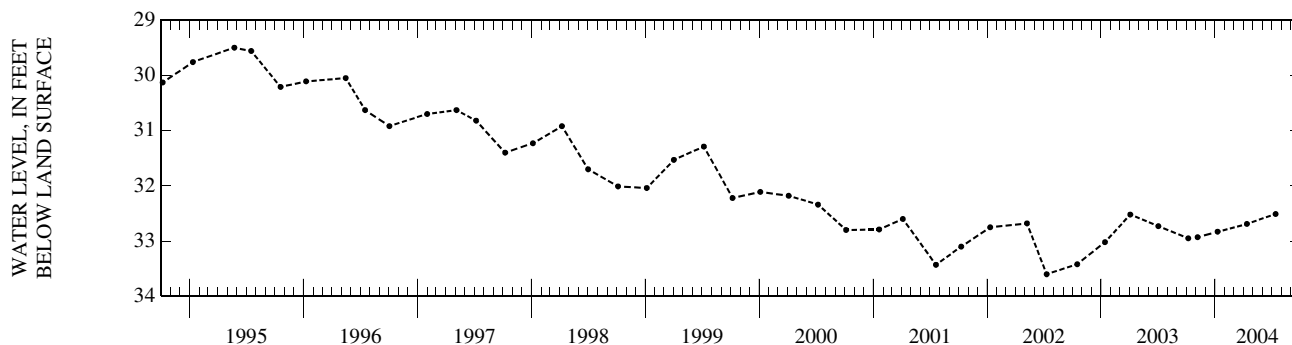
DATUM.--Elevation of land surface datum is 120 ft above NGVD of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.19 ft below land-surface datum, July 17, 1990; lowest recorded, 33.60 ft below land-surface datum, July 10, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	32.95	NOV 06	32.93	JAN 09	32.83	APR 12	32.69	JUL 13	32.51
WATER YEAR 2004 HIGHEST		32.51	JUL 13, 2004	LOWEST		32.95	OCT 07, 2003		



WEST FELICIANA PARISH

LOCAL NUMBER.--WF-22D, Site ID 305643091341201.

LOCATION.--Lat 30° 56'43", long 91° 34'12", Hydrologic Unit 08070201, Sec. 53, T. 1S, R. 5W.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 907 ft, screened 847-907 ft, casing diameter 12 in.

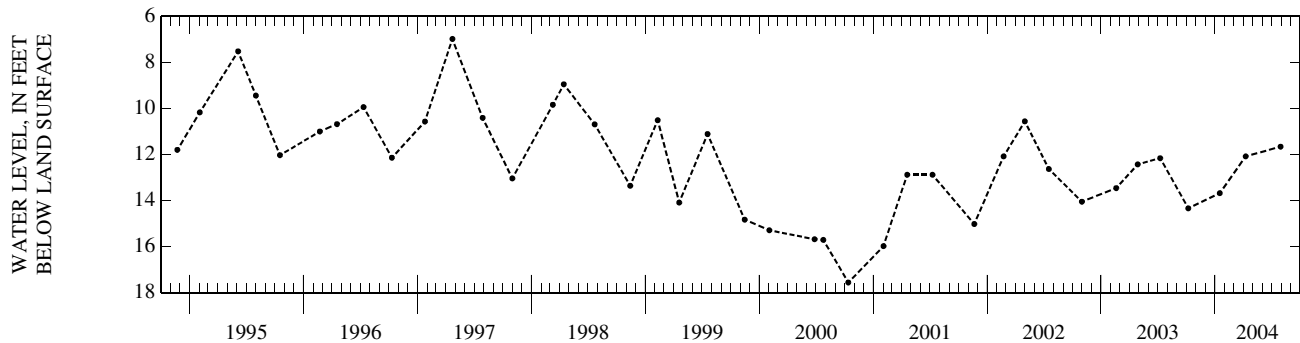
DATUM.--Elevation of land surface datum is 60 ft above NGVD of 1929. Measuring point: Hole in top of reducer above casing, 0.65 ft above land-surface datum.

PERIOD OF RECORD.--1956, 1958-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.90 ft above land-surface datum, Apr. 3, 1959; lowest recorded, 17.56 ft below land-surface datum, Oct. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	14.34	JAN 16	13.68	APR 08	12.08	JUL 29	11.66
WATER YEAR 2004		HIGHEST	11.66 JUL 29, 2004	LOWEST	14.34	OCT 07, 2003	



LOCAL NUMBER.--WF-40, Site ID 305633091341601.

LOCATION.--Lat 30° 56'33", long 91° 34'16", Hydrologic Unit 08070201, Sec. 24, T. 1S, R. 5W.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 632 ft, screened 549-632 ft, casing diameter 12 to 9 5/8 in.

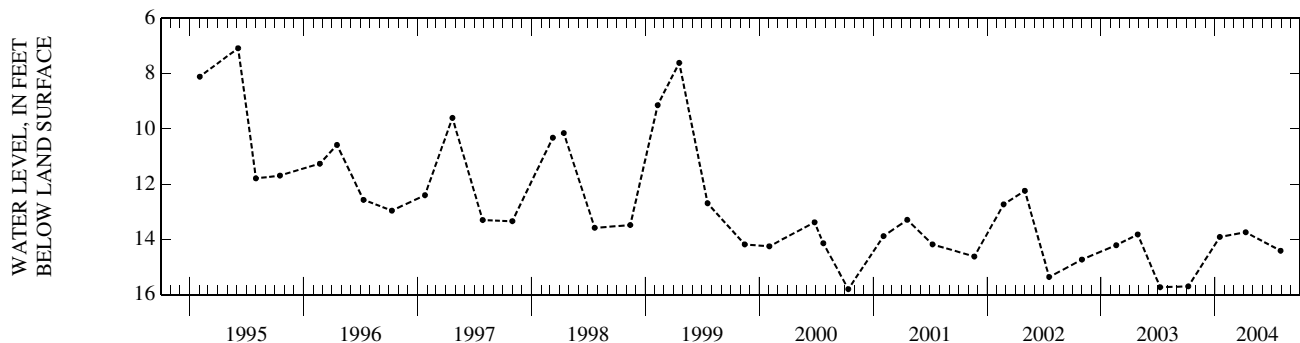
DATUM.--Elevation of land surface datum is 50 ft above NGVD of 1929. Measuring point: Bottom edge of 3/4-in. nipple, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--1956, 1958-59, 1963-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.90 ft above land-surface datum, May 8, 1958; lowest recorded, 17.25 ft below land-surface datum, Nov. 18, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	15.70	JAN 16	13.91	APR 08	13.74	JUL 29	14.41
WATER YEAR 2004		HIGHEST	13.74 APR 08, 2004	LOWEST	15.70	OCT 07, 2003	



WEST FELICIANA PARISH—Continued

LOCAL NUMBER.--WF-158, Site ID 304844091204101.

LOCATION.--Lat 30° 48' 44", long 91° 20' 41", Hydrologic Unit 08070201, Sec. 80, T. 3S, R. 2W.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 156 ft, screened 146-156 ft, casing diameter 2 in.

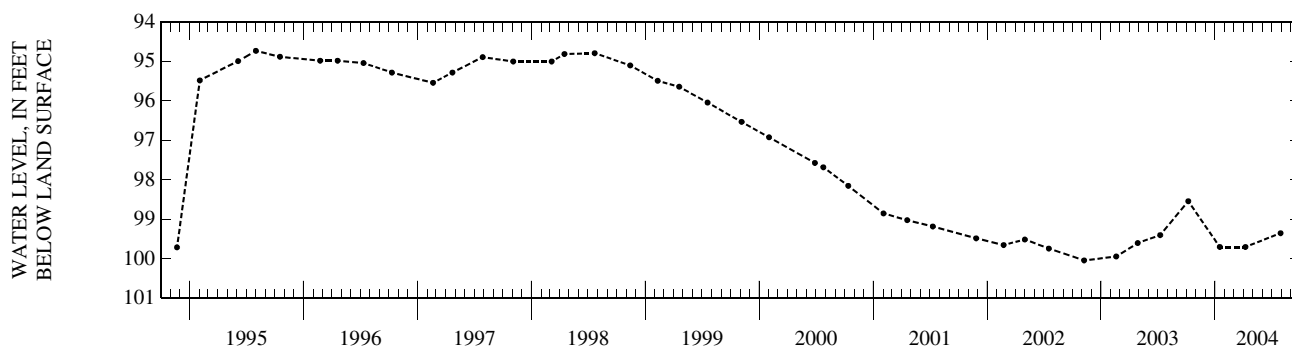
DATUM.--Elevation of land surface datum is 198 ft above NGVD of 1929. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1958, 1976-78, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.00 ft below land-surface datum (reported), Dec. 1, 1958; lowest recorded, 102.23 ft below land-surface datum, Aug. 5, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	98.54	JAN 16	99.70	APR 07	99.70	JUL 29	99.35
WATER YEAR 2004 HIGHEST 98.54 OCT 07, 2003		LOWEST 99.70 JAN 16, 2004		APR 07, 2004			



LOCAL NUMBER.--WF-222, Site ID 304704091223801.

LOCATION.--Hydrologic Unit 08070201.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 1,526 ft, screened 1,446-1,526 ft, casing diameter 12 to 8 in.

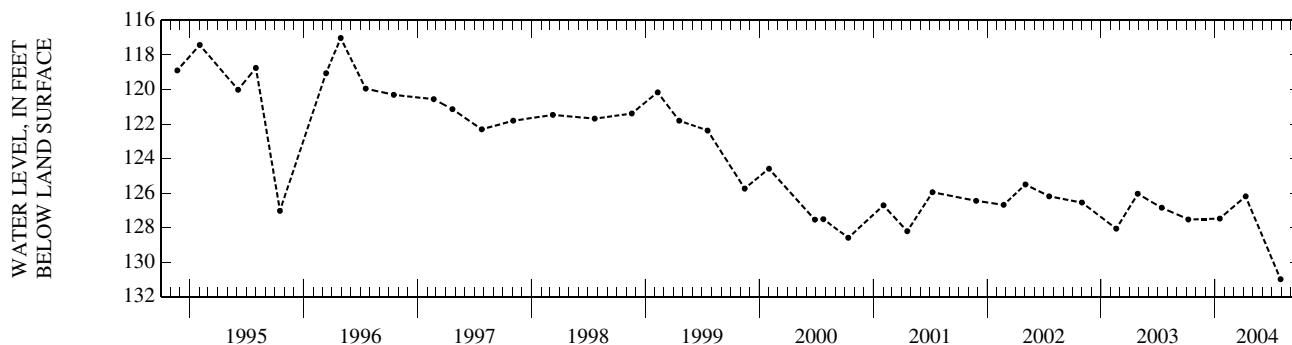
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Plug in flange before discharge pipe, 1.23 ft above land-surface datum.

PERIOD OF RECORD.--1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.64 below land-surface datum, Apr. 16, 1962; lowest recorded, 130.99 ft below land-surface datum, July 29, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	127.53	JAN 16	127.48	APR 08	126.19	JUL 29	130.99
WATER YEAR 2004 HIGHEST 126.19 APR 08, 2004		LOWEST 130.99 JUL 29, 2004					



WEST FELICIANA PARISH—Continued

LOCAL NUMBER.--WF-254, Site ID 304933091224201.

LOCATION.--Lat 30° 49' 33", long 91° 22' 42", Hydrologic Unit 08070201, Sec. 68, T. 2S, R. 3W.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 793 ft, screened interval unknown, casing diameter 4 in.

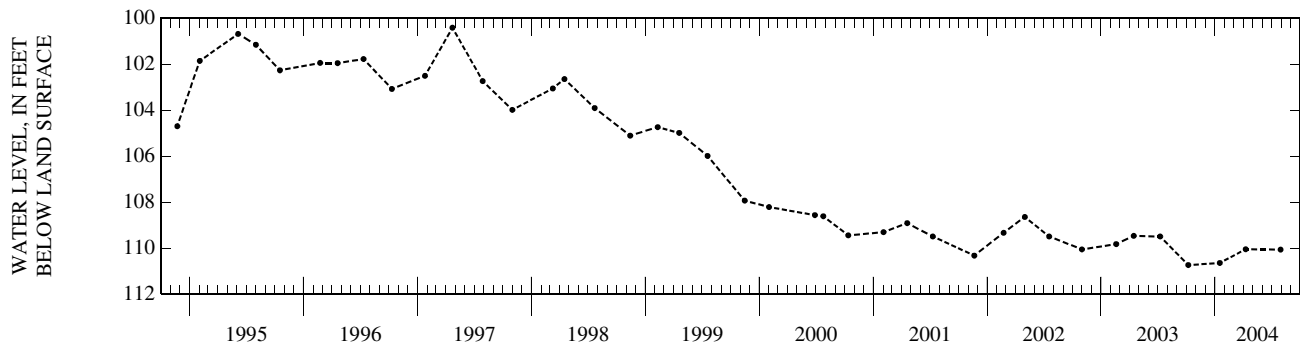
DATUM.--Elevation of land surface datum is 155 ft above NGVD of 1929. Measuring point: Top edge of 3-in. casing, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.42 ft below land-surface datum, Apr. 22, 1997; lowest recorded, 110.73 ft below land-surface datum, Oct. 7, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	110.73	JAN 16	110.64	APR 08	110.04	JUL 29	110.06
WATER YEAR 2004		HIGHEST	110.04	APR 08, 2004	LOWEST	110.73	OCT 07, 2003



LOCAL NUMBER.--WF-274, Site ID 304958091191801.

LOCATION.--Hydrologic Unit 08070201.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 1,630 ft, screened 1,590-1,630 ft, casing diameter 10 to 6 in.

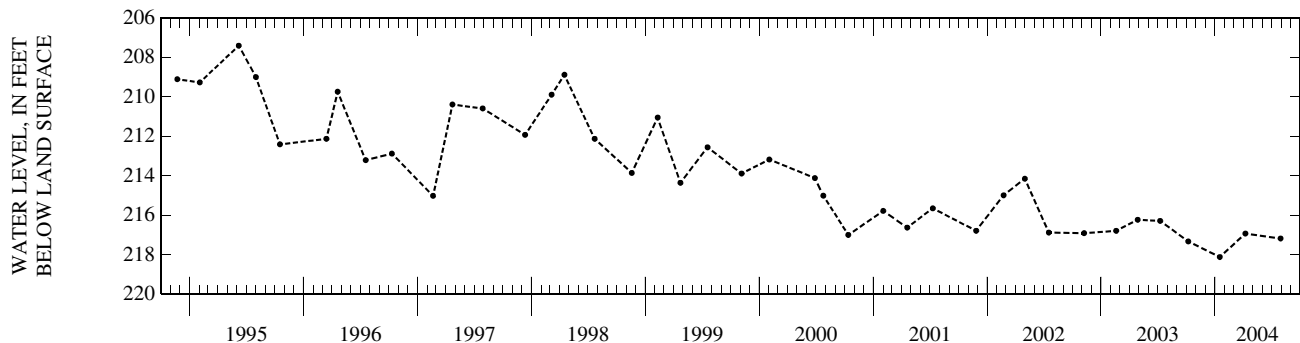
DATUM.--Elevation of land surface datum is 220 ft above NGVD of 1929. Measuring point: Edge of breather pipe, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--1982, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 198.38 ft below land-surface datum, Sep. 16, 1992; lowest recorded, 218.11 ft below land-surface datum, Jan. 16, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	217.32	JAN 16	218.11	APR 07	216.92	JUL 29	217.17
WATER YEAR 2004		HIGHEST	216.92	APR 07, 2004	LOWEST	218.11	JAN 16, 2004



WEST FELICIANA PARISH—Continued

LOCAL NUMBER.--WF-286, Site ID 305547091202301.

LOCATION.--Hydrologic Unit 08070201.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 982 ft, screened 912-930 and 940-982 ft, casing diameter 10 3/4 to 8 5/8-in.

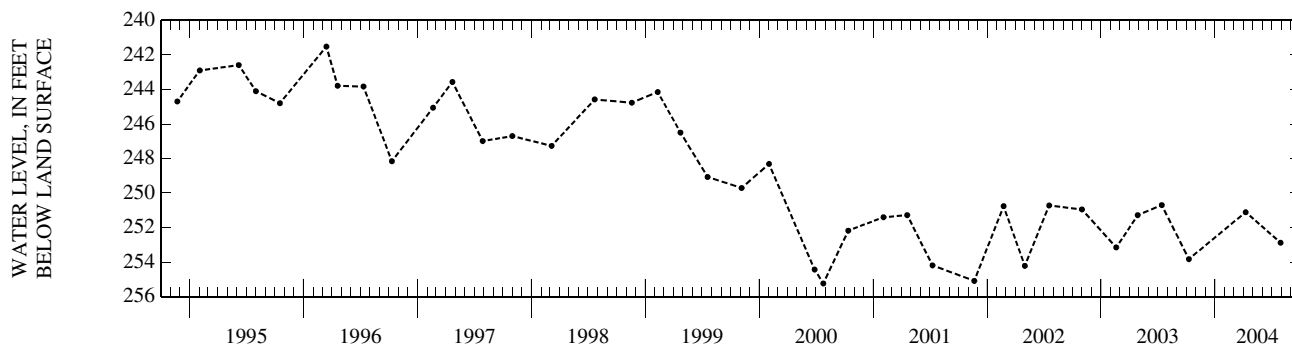
DATUM.--Elevation of land surface datum is 290 ft above NGVD of 1929. Measuring point: Edge of breather pipe on west side, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 234.00 below land-surface datum (reported), Sept. 26, 1987; lowest recorded, 255.24 ft below land-surface datum, July 24, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	253.83	APR 08	251.11	JUL 29	252.88
WATER YEAR 2004 HIGHEST 251.11 APR 08, 2004 LOWEST 253.83 OCT 09, 2003					



WINN PARISH

LOCAL NUMBER.--W-28, Site ID 315527092370801.

LOCATION.--Hydrologic Unit 08040303.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 480 ft, screened 360-480 ft, casing diameter 14 to 10 in.

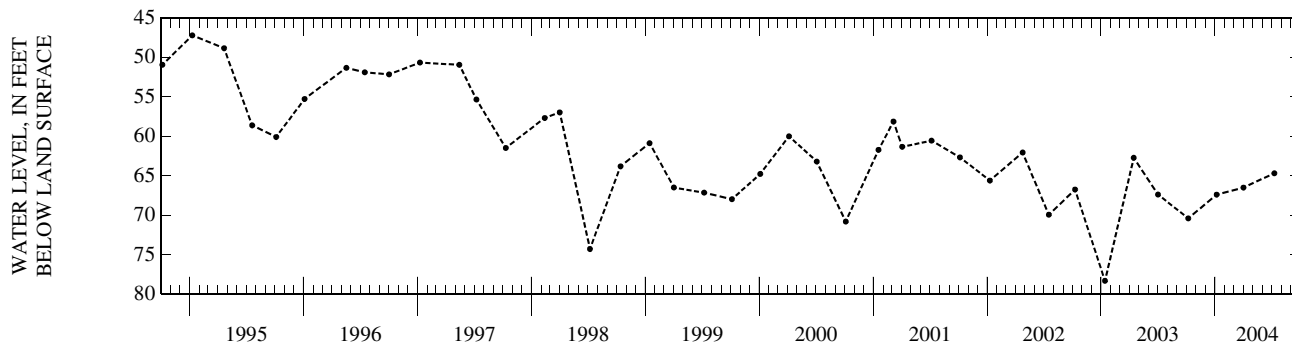
DATUM.--Elevation of land surface datum is 105 ft above NGVD of 1929. Measuring point: Top of 1-in. coupling, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1963, 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.10 ft below land-surface datum, Apr. 6, 1992; lowest recorded, 78.29 ft below land-surface datum, Jan. 13, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	70.38	JAN 06	67.37	APR 01	66.48	JUL 09	64.66
WATER YEAR 2004 HIGHEST 64.66 JUL 09, 2004 LOWEST 70.38 OCT 07, 2003							



WINN PARISH—Continued

LOCAL NUMBER.--W-172, Site ID 320541092291601.

LOCATION.--Lat 32° 05'41", long 92° 29'16", Hydrologic Unit 08040302, Sec. 20, T.13N, R. 1W.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 655 ft, screened 645-655 ft, casing diameter 2 in.

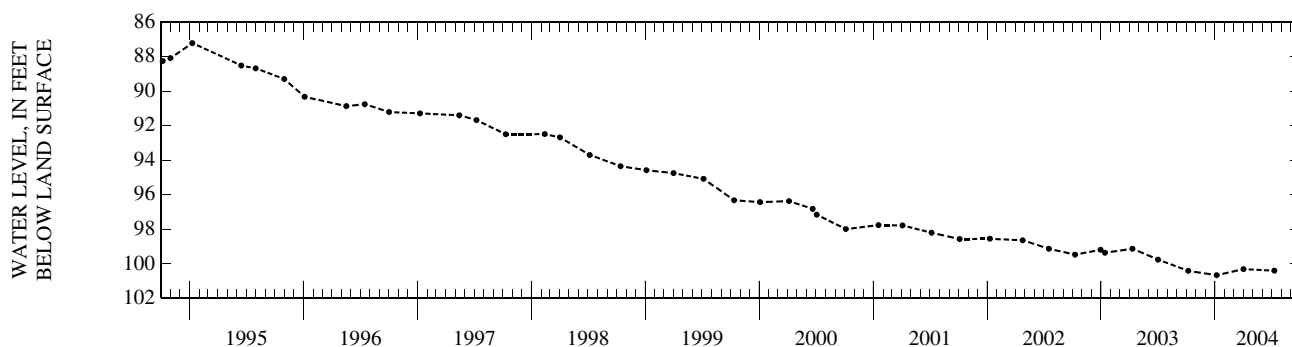
DATUM.--Elevation of land surface datum is 140 ft above NGVD of 1929. Measuring point: Top of casing, 4.7 ft above land-surface datum.

PERIOD OF RECORD.--1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.68 ft below land-surface datum, Mar. 2, 1979; lowest recorded, 100.66 ft below land-surface datum, Jan. 6, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	100.41	JAN 06	100.66	APR 01	100.31	JUL 09	100.40
WATER YEAR 2004 HIGHEST 100.31 APR 01, 2004				LOWEST 100.66 JAN 06, 2004			



QUALITY OF GROUND WATER

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS

{See end of Miscellaneous Analyses table for explanation of hydrogeologic unit (aquifer) codes}

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

Local well number	Station number	Geologic unit	Depth of well, feet below LSD (72008)	Date of sample	Depth to water level, feet below LSD (72019)	Specif. conduc- tance, water unfiltered uS/cm 25 degC (00095)	Chloride, water, filtered, mg/L (00940)
ACADIA PARISH							
AC- 451	300740092265001	112CHCTU	293	03-16-04	--	751	38.5
		112CHCTU	293	09-14-04	--	784	40.0
ASCENSION PARISH							
AN- 502	300956090525201	112NORC	300.	03-03-04	--	808	130
AN- 547	301557090541001	112NORC	300.	09-01-04	--	852	143
		112GZNO	535.	03-03-04	--	289	6.30
		112GZNO	535.	09-01-04	--	291	5.91
CALCASIEU PARISH							
CU- 767	301036093124401	11207LC	850	03-09-04	66.78	3,590	1,020
CU- 771	301336093183002	11207LC	850	09-08-04	71.20	3,600	1,020
		11202LC	241	03-17-04	--	390	16.0
CU- 787	300353093210201	11202LC	241	09-08-04	58.80	437	15.3
		11205LC	734	03-17-04	49.85	462	44.0
CU- 960	301031093204902	11205LC	734	09-08-04	51.11	522	44.9
		11205LC	598	03-17-04	83.95	644	130
		11205LC	598	09-08-04	87.65	713	127
CU-1385	301324093170501	11205LC	580	03-09-04	--	665	100
		11205LC	580	09-09-04	--	755	128
CAMERON PARISH							
CN- 80L	295846092381105	112CHCTU	481	03-16-04	--	1,220	250
		112CHCTU	481	09-13-04	33.97	1,300	260
CN- 86L	300120093320802	11205LC	641	03-17-04	35.34	1,790	480
		11205LC	641	09-08-04	36.09	2,020	483
CN- 88L	300055093093004	11205LC	804	03-17-04	46.62	2,410	580
CN- 90	295611093044801	11205LC	804	09-07-04	48.45	2,360	582
		11202LC	396	03-16-04	29.83	1,000	170
		11202LC	396	09-07-04	31.28	983	168
CN- 92	300104093015601	11202LC	443	03-16-04	--	1,820	400
		11202LC	443	09-07-04	39.28	1,760	391
CONCORDIA PARISH							
CO- 205	312614091400001	112MRVA	130	03-03-04	11.17	939	60.0
CO- 215	312630091390001	112MRVA	130	09-23-04	16.28	997	77.0
		112MRVA	121	03-03-04	9.37	3,180	800
		112MRVA	121	09-23-04	12.68	3,190	823
EAST BATON ROUGE PARISH							
EB- 151	302641091085801	12220BR	2,658	11-14-03	--	354	2.60
EB- 413	302642091083201	12223BR	2,658	09-02-04	--	359	2.43
		12115BR	1,745	11-14-03	--	353	9.00
EB- 434	302619091104003	12115BR	1,745	09-02-04	--	355	11.5
		11206BR	611	11-17-03	--	441	48.0
EB- 621	302500091052501	12112BR	1,487	12-08-03	--	545	59.0
EB- 630	302651091112408	12112BR	1,487	09-03-04	--	756	135
		12220BR	2,253	11-14-03	--	657	77.0
		12220BR	2,253	09-03-04	--	1,030	205
EB- 632	302717091051301	12110BR	1,060	09-02-04	--	318	2.11

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS—Continued

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

Local well number	Station number	Geologic unit	Depth of well, feet below LSD (72008)	Date of sample	Depth to water level, feet below LSD (72019)	Specif. conduc- tance, water unfiltered uS/cm 25 degC (00095)	Chloride, water, filtered, mg/L (00940)
EAST BATON ROUGE PARISH							
EB- 700	303130091073101	12228BR	2,557	12-10-03	--	579	8.70
		12228BR	2,557	09-24-04	--	566	8.03
EB- 750	303141091114801	12228BR	2,643	11-14-03	--	755	67.0
		12228BR	2,643	09-03-04	--	742	67.2
EB- 771	302646091083801	12115BR	1,739	11-14-03	--	337	4.20
		12115BR	1,739	09-02-04	--	338	6.46
EB- 778	302509091082701	12220BR	2,586	12-01-03	17.53	1,010	150
EB- 780A	302509091082702	12112BR	1,622	11-25-03	48.36	3,280	930
EB- 782A	302535091090402	12110BR	1,189	12-04-03	40.30	1,960	480
EB- 783B	302502091113602	12220BR	2,675	12-04-03	--	3,420	760
EB- 792B	302605091080602	12220BR	2,286	11-21-03	--	387	2.90
EB- 793	302719091103201	11206BR	687	11-24-03	60.69	328	2.80
EB- 798	303133091103101	12228BR	2,647	11-14-03	--	1,500	310
		12228BR	2,647	09-03-04	--	1,280	240
EB- 803B	302306091022602	12220BR	2,565	11-24-03	--	2,330	580
EB- 804A	302428091035001	12117BR	1,950	11-20-03	129.44	380	2.20
EB- 804B	302428091035002	12224BR	2,762	11-20-03	117.55	768	120
EB- 805	302428091035003	12110BR	1,072	11-20-03	79.05	25,500	9,260
EB- 825	302553091092002	11204BR	475	11-24-03	38.70	275	3.60
EB- 870	302729091100601	11206BR	692	11-24-03	74.78	289	2.80
EB- 874	302750091111001	12220BR	2,250	09-03-04	--	372	2.19
EB- 879	302402091005201	11206BR	664	12-10-03	--	303	3.00
		11206BR	664	09-17-04	--	300	2.79
EB- 917	302614091083001	12115BR	1,736	11-19-03	161.87	439	42.0
EB- 918	302547091074401	12115BR	1,834	12-09-03	--	2,820	790
EB- 927	302717091083901	12115BR	1,511	09-02-04	--	315	2.70
EB- 938	302749091092801	12115BR	1,599	09-02-04	--	394	14.6
EB- 990	302509091035301	12112BR	1,450	12-08-03	--	317	2.40
		12112BR	1,450	09-08-04	--	312	2.25
EB-1017C	302406091021203	11204BR	567	12-08-03	--	308	3.50
		11204BR	567	09-03-04	--	302	3.50
EB-1028	302605091100901	12220BR	2,238	11-19-03	--	1,140	240
EB-1149	302653091103702	12224BR	2,694	11-14-03	--	399	2.50
		12224BR	2,694	09-02-04	--	394	2.27
EB-1150	302653091103703	12220BR	2,242	11-14-03	--	858	140
		12220BR	2,242	09-02-04	--	904	167
EB-1253	302652091112410	12223BR	2,687	11-14-03	--	428	2.90
		12223BR	2,687	09-03-04	--	424	2.82
EB-1278	302501091052601	11204BR	547	12-03-03	34.75	316	2.60
EB-1297	302521091041701	12112BR	1,635	09-03-04	--	327	2.65
FRANKLIN PARISH							
FR- 720	320941091411301	112MRVA	100	03-03-04	18.84	9,830	3,170
		112MRVA	100	09-23-04	18.27	9,840	3,110
FR- 721	320958091425501	112MRVA	77	03-03-04	9.81	1,630	250
		112MRVA	77	09-23-04	11.04	1,610	253
IBERIA PARISH							
I- 93	300035091443301	112CHCTU	585	03-12-04	18.02	664	43.0
		112CHCTU	585	09-10-04	18.54	739	39.1
JEFFERSON PARISH							
JF- 161	295549090104101	112GZNO	772	03-04-04	--	1,530	300
		112GZNO	772	09-24-04	--	2,520	613
JF- 184	295926090143201	112GZNO	704	03-01-04	--	827	130
		112GZNO	704	09-02-04	--	832	133

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS—Continued

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

Local well number	Station number	Geologic unit	Depth of well, feet below LSD (72008)	Date of sample	Depth to water level, feet below LSD (72019)	Specif. conduc- tance, water unfiltered uS/cm 25 degC (00095)	Chloride, water, filtered, mg/L (00940)
JEFFERSON DAVIS PARISH							
JD- 491	300508092405601	112CHCTU	377	03-16-04	--	676	98.0
		112CHCTU	377	09-13-04	--	712	98.3
LAFAYETTE PARISH							
LF- 524	300605091593502	112CHCTU	174	03-12-04	--	315	7.30
		112CHCTU	174	09-14-04	--	329	7.29
MADISON PARISH							
MA- 64	322614091122001	112MRVA	117	03-11-04	8.25	9,430	2,820
MA- 65	322428091130201	112MRVA	117	09-28-04	9.91	9,670	2,800
		112MRVA	119	03-11-04	5.56	6,220	1,700
		112MRVA	119	09-28-04	7.17	6,510	1730
MOREHOUSE PARISH							
MO- 65	324647091543801	124SPRT	564	03-05-04	--	1,230	180
		124SPRT	564	09-15-04	--	1,260	189
MO- 86	324636091473402	124SPRT	600	03-23-04	--	1,960	360
		124SPRT	600	09-14-04	--	2,060	376
MO- 710	325826091280401	112MRVA	130	03-02-04	16.65	2,250	390
		112MRVA	130	09-28-04	17.04	2,630	467
MO- 842	325359091344802	112MRVA	90	03-05-04	34.25	1,490	170
		112MRVA	90	09-01-04	35.01	1,550	181
		ORLEANS PARISH					
OR- 61	300055090013101	112GZNO	653	09-01-04	--	1,020	95.9
OR- 62	300059090013301	112GZNO	643	03-03-04	--	994	86.0
OR- 203	300349089562401	112GZNO	453	03-31-04	67.78	1,680	350
		112GZNO	453	09-02-04	66.15	1,670	343
OUACHITA PARISH							
OU- 402	321714092041401	124SPRT	750	03-09-04	61.66	3,550	870
		124SPRT	750	09-02-04	62.00	3,620	866
OU- 403	321714092041402	124SPRT	460	03-09-04	--	1,780	290
		124SPRT	460	09-02-04	70.44	1,920	307
OU- 404	323030091554801	124SPRT	685	09-22-04	89.48	1,930	392
OU- 405	322531092053901	124SPRT	775	03-10-04	136.27	2,070	420
OU- 469	322425092020401	124SPRT	400	03-17-04	--	1,010	125
		124SPRT	400	09-15-04	--	1,060	126
RICHLAND PARISH							
RI- 112	322623091294901	112MRVA	67	03-08-04	35.51	1,120	260
		112MRVA	67	09-01-04	34.81	1,120	260
RI- 114	322636091295702	112MRVA	66	03-08-04	31.86	1,420	290
		112MRVA	66	09-01-04	31.12	1,320	238
RI- 124	322605091301101	112MRVA	84	03-08-04	32.22	2,230	500
		112MRVA	84	09-01-04	31.68	2,210	479

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS—Continued

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

Local well number	Station number	Geologic unit	Depth of well, feet below LSD (72008)	Date of sample	Depth to water level, feet below LSD (72019)	Specif. conduc-tance, water unfiltered uS/cm 25 degC (00095)	Chloride, water, filtered, mg/L (00940)
ST JAMES PARISH							
SJ- 229	295936090503401	112GRMC	345	03-04-04	--	1,280	160
		112GRMC	345	09-01-04	--	1,320	167
ST MARTIN PARISH							
SMN- 108	301304091424001	112CHCTL	505	03-12-04	4.42	2,180	410
		112CHCTU	505	09-10-04	7.17	2,160	406
SMN- 109	301304091424002	112CHCTU	375	03-12-04	5.10	1,220	120
		112CHCTU	375	09-10-04	7.85	1,230	124
ST MARY PARISH							
SM- 57U	294749091402301	112CHCTU	638	03-12-04	--	1,040	190
		112CHCTU	638	09-10-04	9.31	1,170	188
VERMILION PARISH							
VE- 630U	295031092203202	112CHCTU	506	10-07-03	12.87	1,210	170
		112CHCTU	506	03-11-04	11.81	1,060	170
VE- 637L	295345092100703	112CHCTU	506	09-13-04	13.29	1,190	175
		112CHCTU	243	03-11-04	--	2,570	730
		112CHCTU	243	09-13-04	--	2,840	734
VE- 639	293845092264901	112CHCTU	608	03-17-04	--	1,350	290
		112CHCTU	608	09-13-04	10.49	1,520	298
WEST BATON ROUGE PARISH							
WBR- 35	302657091124201	12112BR	1,290	12-02-03	--	315	2.50
WBR- 100B	302652091121402	12224BR	2,448	12-03-03	172.48	374	3.80
WBR- 112	302550091124102	12115BR	2,205	11-01-03	--	657	81.0
WBR- 113	302547091123201	12115BR	2,242	11-01-03	--	1,190	210
WBR- 132	302505091132001	12115BR	2,082	12-03-03	--	604	82.0
WBR- 136	302712091145701	12112BR	1,305	12-02-03	--	288	3.20
WBR- 148	302702091185101	12112BR	1,304	12-03-03	54.83	342	2.50
WBR- 173	302456091130202	12115BR	2,194	12-02-03	--	421	30.0
WBR- 181	302644091121201	12117BR	1,900	12-02-03	--	302	2.70
WINN PARISH							
W- 144B	315450092310102	124SPRT	550	03-04-04	55.66	1,740	200
		124SPRT	550	09-02-04	56.60	1,770	206
W- 179	315948092300301	124SPRT	585	03-04-04	123.22	1,590	270
		124SPRT	585	09-02-04	124.07	1,600	283

QUALITY OF GROUND WATER

MISCELLANEOUS ANALYSES

{ See end of table for explanation of hydrogeologic unit (aquifer) codes }

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

Local well number	Station number	Date of sample	Depth of well, feet below LSD (72008)	Geologic unit	Color, water, filtered, Pt-Co units (00080)	pH, water, unfiltered field, std units (00400)	Specif. conduc- tance, water unfiltered uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, filtered, mg/L (00915)	Magnes- ium, water, filtered, mg/L (00925)
ACADIA PARISH											
AC- 451	300740092265001	03-16-04	293	112CHCTU	20	--	751	22.9	160	43.4	13.1
BIENVILLE PARISH											
BI- 246	323244092550601	03-22-04	583	124SPRT	--	5.1	81	23.0	13	2.90	1.50
		09-07-04	583	124SPRT	--	5.6	81	23.1	13	2.89	1.42
BOSSIER PARISH											
BO- 475	324849093375601	03-29-04	360	124SPRT	--	5.9	154	20.1	12	3.00	1.10
		09-08-04	360	124SPRT	--	6.0	158	20.2	12	3.00	1.11
CALCASIEU PARISH											
CU-1385	301324093170501	09-09-04	580	11205LC	--	7.5	755	24.4	120	36.6	8.00
CALDWELL PARISH											
CA- 106	321507092145202	03-22-04	535	124SPRT	--	8.4	1,050	23.0	2	.47	.17
		09-10-04	535	124SPRT	--	8.7	1,080	23.2	2	.54	.181
CLAIBORNE PARISH											
CL- 150	325103092434901	03-29-04	750	124SPRT	--	8.5	531	24.8	1	.27	.08
		09-21-04	750	124SPRT	--	8.9	553	24.8	--	.22	.057
EAST BATON ROUGE PARISH											
EB- 700	303130091073101	12-10-03	2,557	12228BR	20	8.8	579	34.6	2	.78	.06
EB- 879	302402091005201	12-10-03	664	11206BR	<5	8.3	303	23.6	2	.58	.11
JACKSON PARISH											
JA- 115	321822092270402	03-22-04	940	124SPRT	--	8.7	1,020	26.8	2	.55	.09
		09-10-04	940	124SPRT	--	9.0	1,010	27.2	2	.57	.090
JEFFERSON PARISH											
JF- 184	295926090143201	09-02-04	704	112GZNO	--	8.1	832	24.9	18	4.42	1.58
LINCOLN PARISH											
L- 160	322951092382301	03-22-04		124SPRT	--	8.0	459	25.7	2	.44	.14
		09-07-04	792	124SPRT	--	8.6	448	25.8	2	.46	.152
MOREHOUSE PARISH											
MO- 65	324647091543801	09-15-04	564	124SPRT	--	--	1,260	23.6	5	1.58	.306
MO- 86	324636091473402	03-23-04	600	124SPRT	--	8.2	1,960	23.4	19	5.20	1.40
		09-14-04	600	124SPRT	--	8.5	2,060	23.7	17	4.71	1.36
MO- 423	324128091521801	03-23-04	778	124SPRT	--	8.4	2,070	25.0	12	3.70	.57

MISCELLANEOUS ANALYSES—Continued

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

Local well number	Date of sample	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Field alkalinity, water filtered, incremental titration, mg/L as CaCO ₃ (39086)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L (00955)	Sulfate water, filtered, mg/L (00945)	Residue water, filtered, sum of constituents mg/L (70301)	Residue on evap. at 180degC water filtered, mg/L (70300)	Iron, water, filtered, ug/L (01046)	Manga- nese, water, filtered, ug/L (01056)
ACADIA PARISH												
AC- 451	03-16-04	2.91	111	--	38.5	.1	29.8	.00	458	460	602	62
BIENVILLE PARISH												
BI- 246	03-22-04	4.10	7.0	19	4.3	<.1	41.0	9.5	83	77	855	23
	09-07-04	4.34	6.91	18	3.95	<.2	39.8	8.7	79	84	850	21.8
BOSSIER PARISH												
BO- 475	03-29-04	1.90	27.0	49	6.8	.1	30.0	3.9	105	--	1,400	35
	09-08-04	1.89	27.1	60	6.55	<.2	31.7	3.4	112	107	1,460	33.4
CALCASIEU PARISH												
CU-1385	09-09-04	2.60	111	179	128	.2	51.2	<.2	--	435	1,040	417
CALDWELL PARISH												
CA- 106	03-22-04	1.00	250	518	17.0	1.7	11.0	.08	592	631	29	<1
	09-10-04	1.11	267	544	17.0	1.9	11.7	.7	626	663	30	E.7
CLAIBORNE PARISH												
CL- 150	03-29-04	.70	120	196	44.0	.3	13.0	.18	296	301	10	<1
	09-21-04	.61	119	193	45.2	.3	13.2	.6	295	304	11	E.4
EAST BATON ROUGE PARISH												
EB- 700	12-10-03	.60	130	a281	8.70	.7	21.0	7.40	338	340	12	5
EB- 879	12-10-03	.30	71.0	a143	3.00	.2	33.0	9.40	203	196	7	6
JACKSON PARISH												
JA- 115	03-22-04	.70	220	241	155	.3	14.0	6.2	541	544	5	<1
	09-10-04	.77	214	240	154	.4	15.0	5.1	532	555	E5	.9
JEFFERSON PARISH												
JF- 184	09-02-04	1.52	181	203	133	.3	29.1	.2	473	480	91	35.7
LINCOLN PARISH												
L- 160	03-22-04	.70	100	171	29.0	.2	22.0	9.6	265	272	25	2
	09-07-04	.78	104	171	29.2	.3	23.2	9.3	270	286	10	1.6
MOREHOUSE PARISH												
MO- 65	09-15-04	1.48	266	334	189	.6	11.9	.3	671	711	39	4.2
MO- 86	03-23-04	3.20	430	423	360	1.2	10.0	<.35	--	1,080	239	6
	09-14-04	3.18	407	419	376	1.1	11.9	<.9	--	1,230	438	6.8
MO- 423	03-23-04	1.60	430	387	403	.8	11.0	<.35	--	1,070	59	3

QUALITY OF GROUND WATER

MISCELLANEOUS ANALYSES—Continued

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

Local well number	Station number	Date of sample	Depth of well, feet below LSD (72008)	Geologic unit	pH, water, unfiltered field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, filtered, mg/L (00915)	Magnes- ium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
NATCHITOCHES PARISH											
NA- 562	313925093044401	03-31-04	725	124SPRT	8.6	1,290	26.1	2	.78	.11	.80
		09-13-04	725	124SPRT	8.9	1,370	26.6	2	.77	.105	.91
OUACHITA PARISH											
OU- 78	322854092091501	04-01-04	730	124SPRT	8.5	2,020	24.8	38	11.0	2.60	2.00
		09-14-04	730	124SPRT	8.6	2,210	24.8	41	11.6	3.02	2.31
OU- 469	322425092020401	09-15-04	400	124SPRT	--	1,060	23.0	2	.54	.182	1.12
OU- 542	321918092051701	04-05-04	350	124SPRT	8.9	1,280	21.5	4	.90	.31	1.50
		09-21-04	350	124SPRT	8.7	1,320	21.4	4	.92	.298	1.48
OU- 628	323805091555201	04-01-04	700	124SPRT	8.4	1,520	24.9	4	1.10	.23	1.20
		09-14-04	700	124SPRT	8.7	1,540	25.1	4	1.08	.224	1.33
UNION PARISH											
UN- 28	325407092150201	03-23-04	595	124SPRT	8.4	1,500	23.5	7	2.20	.48	1.50
		09-21-04	595	124SPRT	8.7	1,560	23.7	6	1.80	.374	1.47
UN- 140	325641092242101	03-23-04	753	124SPRT	8.4	1,230	24.4	5	1.60	.31	1.30
		09-13-04	753	124SPRT	8.7	1,230	24.5	5	1.58	.305	1.32
UN- 202	325004092260801	03-23-04	800	124SPRT	8.4	1,290	24.6	3	.92	.24	1.20
		09-13-04	800	124SPRT	8.8	1,280	24.7	3	.98	.230	1.23
UN- 205	325944092355901	03-29-04	725	124SPRT	8.5	1,440	25.2	15	5.20	.49	1.50
		09-21-04	725	124SPRT	8.8	1,520	25.2	15	5.19	.476	1.61
WEBSTER PARISH											
WB- 356	330107093283801	03-29-04	491	124SPRT	7.5	345	20.7	24	6.50	1.90	1.50
		09-08-04	491	124SPRT	7.6	349	20.7	23	6.38	1.83	1.60
WB- 406	323600093142001	03-29-04	640	124SPRT	7.5	351	25.8	50	17.0	1.90	3.10
		09-07-04	640	124SPRT	8.2	346	24.2	48	16.2	1.78	3.01
WINN PARISH											
W- 162	320453092291201	03-31-04	352	124SPRT	8.6	1,020	21.6	2	.52	.18	1.10
		09-10-04	352	124SPRT	8.8	921	25.1	2	.49	.167	1.06
W- 202	315501092371501	03-31-04	682	124SPRT	8.4	887	24.9	2	.39	.15	.90
		09-10-04	682	124SPRT	8.7	886	25.4	2	.40	.143	.79

MISCELLANEOUS ANALYSES—Continued

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

Local well number	Date of sample	Sodium, water, filtered, mg/L (00930)	Field alkalinity, water filtered, incremental titration, mg/L as CaCO ₃ (39086)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L (00955)	Sulfate water, filtered, mg/L (00945)	Residue water, filtered, sum of constituents mg/L (70301)	Residue on evap. at 180degC water filtered, mg/L (70300)	Iron, water, filtered, ug/L (01046)	Manganese, water, filtered, ug/L (01056)
NATCHITOCHES PARISH											
NA- 562	03-31-04	290	213	283	.4	15.0	.53	718	727	4	<1
	09-13-04	288	212	293	.4	14.8	1.0	726	738	13	<.8
OUACHITA PARISH											
OU- 78	04-01-04	400	276	474	.3	12.0	.58	1,070	1,100	23	2
	09-14-04	429	262	498	.4	12.8	<.9	--	1,130	27	1.8
OU- 469	09-15-04	224	332	126	.8	11.2	.3	563	587	14	1.3
OU- 542	04-05-04	290	460	123	1.4	11.0	<.28	--	742	12	<1
	09-21-04	295	463	124	1.4	11.2	.4	712	756	21	.9
OU- 628	04-01-04	330	357	247	.6	12.0	<.28	--	847	13	<1
	09-14-04	331	361	251	.7	12.6	.3	815	838	14	E.7
UNION PARISH											
UN- 28	03-23-04	310	230	322	.3	12.0	<.28	--	784	8	2
	09-21-04	312	227	326	.3	12.3	.3	790	818	9	1.8
UN- 140	03-23-04	250	219	234	.3	12.0	<.28	--	637	7	2
	09-13-04	252	218	242	.3	12.4	.2	641	662	8	1.6
UN- 202	03-23-04	270	--	217	.4	12.0	<.28	--	702	5	<1
	09-13-04	271	288	221	.4	13.0	.5	682	711	9	E.7
UN- 205	03-29-04	290	156	340	.2	12.0	<.28	--	762	11	2
	09-21-04	283	153	356	<.2	12.5	.2	751	779	E4	1.7
WEBSTER PARISH											
WB- 356	03-29-04	67.0	139	12.0	.2	13.0	9.6	195	192	107	12
	09-08-04	66.8	140	11.7	.3	13.3	9.3	194	202	100	10.6
WB- 406	03-29-04	53.0	135	8.6	<.1	15.0	21	201	201	20	35
	09-07-04	52.8	135	8.29	<.2	16.3	20.9	200	205	12	33.2
WINN PARISH											
W- 162	03-31-04	250	540	14.0	1.7	11.0	<.14	--	614	36	4
	09-10-04	231	473	8.10	1.7	11.0	1.3	538	579	105	4.6
W- 202	03-31-04	200	270	109	.4	13.0	3.1	489	503	20	1
	09-10-04	196	272	104	.4	14.0	2.3	481	509	22	1.1

Remark codes used in this table:

< -- Less than

a -- Alkalinity, water, unfiltered, incremental titration, field, mg/L as CaCO₃ (00419)

E -- Estimated value

HYDROGEOLOGIC UNIT (AQUIFER):

112CHCTL- Chicot aquifer, lower sand unit, Pleistocene age.
 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, 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.
 122CRNB-Carnahan Bayou aquifer, Miocene age.
 122WMCK-Williamson Creek aquifer, Miocene 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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 West Feliciana Parish, ground-water levels 785
 Wet mass, definition of 65
 Wet weight, definition of 65
 Whisky Chitto Creek near Oberlin 578
 Whisky Chitto Creek Tributary near Leesville 621
 White Bayou, at Highway 64
 near Zachary 626
 East Diversion Channel near Baton Rouge 626
 near Baker 626
 near Baton Rouge 626
 Willis Point, Reggio Canal near 151
 Winn Parish, ground-water levels 788
 WSP, definition of 65
- X**
- X-Road north northeast of Charenton 549
- Y**
- Youngs Bayou, at Monroe 623
 near Monroe 623
- Z**
- Zooplankton, definition of 65

Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^0	kilometer (km)
Area		
acre	4.047×10^3	square meter (m ²)
	4.047×10^{-1}	square hectometer (hm ²)
	4.047×10^{-3}	square kilometer (km ²)
square mile (mi ²)	2.590×10^0	square kilometer (km ²)
Volume		
gallon (gal)	3.785×10^0	liter (L)
	3.785×10^{-3}	cubic meter (m ³)
	3.785×10^0	cubic decimeter (dm ³)
million gallons (Mgal)	3.785×10^3	cubic meter (m ³)
	3.785×10^{-3}	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832×10^{-2}	cubic meter (m ³)
	2.832×10^1	cubic decimeter (dm ³)
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter (m ³)
	2.447×10^{-3}	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233×10^3	cubic meter (m ³)
	1.233×10^{-3}	cubic hectometer (hm ³)
	1.233×10^{-6}	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m ³ /s)
	2.832×10^1	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m ³ /s)
	6.309×10^{-2}	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m ³ /s)
	4.381×10^1	cubic decimeter per second (dm ³ /s)
Mass		
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

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